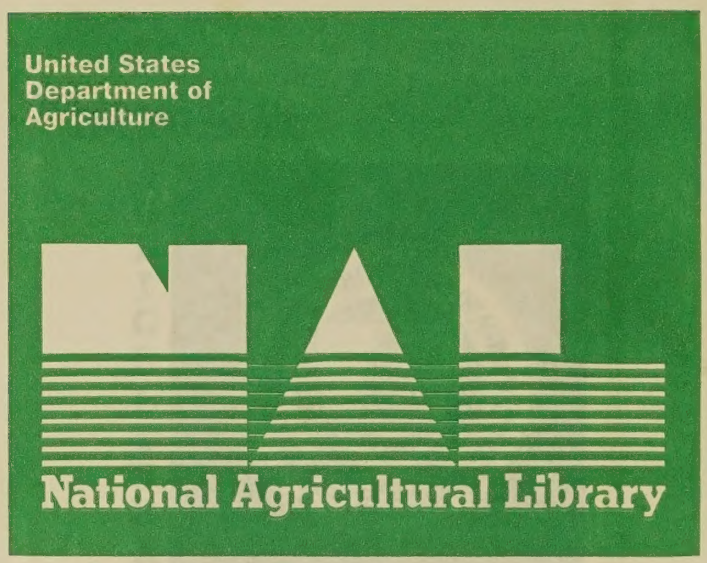


LIBRARY

Bibliography of Agriculture
vol. 16. 1952

1,376,221

1.9

BIBLIOGRAPHY OF AGRICULTURE

LIBRARY
RECEIVED
OCT 6 - 1952
U.S. DEPARTMENT OF AGRICULTURE
WYNDMOOR



U.S. DEPARTMENT OF AGRICULTURE LIBRARY

EMS 64102-72257 AUGUST 1952 VOL. 16, No. 8

The subject index for volume 16 of the Bibliography of Agriculture will appear as number 12 of volume 16, the issue of December 1952.

Abbreviations used in this publication are from the United States Department of Agriculture Bibliographical Bulletin 12, List of Serials Currently Received in the Library of the United States Department of Agriculture, November 1, 1949. June 1950.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library. Copying charges for each periodical article or book are:

MICROFILMS:
$1.00 for each 50 pages or fraction thereof from a single article or book.

PHOTOPRINTS:
$1.00 for each 10 pages or fraction thereof from a single article or book.

ALL CHARGES ARE CASH WITH ORDER. (Only Federal agencies are exempt.)
Enclose payment in cash, library coupon, check, or money order drawn to the Treasurer of the United States.

LIBRARY COUPONS—United States Department of Agriculture Library coupons valued at $1.00 each may be ordered in any quantity.

The printing of this publication has been approved by the Director of the Bureau of the Budget. (Jan. 11, 1950).

1,376,221

UNITED STATES DEPARTMENT OF AGRICULTURE

LIBRARY

BIBLIOGRAPHY OF AGRICULTURE

Vol. 16 August 1952 Items 64102-72257 No. 8

CONTENTS

	Item
Plant Science	64102-66093
Systematic and Geographic Botany	64162
Spermatophytes	64164
Pteridophytes	64245
Bryophytes	64248
Algae	64270
Fungi	64287
Pathology	64308
Fungus Diseases	64402
Bacterial Diseases	64531
Virus Diseases	64542
Nematodes	64581
Ecology	64588
Morphology, Anatomy, and Cytology	64609
Genetics	64656
Physiology	64704
Biochemistry	64870
Field Crops	64911
Cereals	64951
Fiber Crops	65045
Forage and Grasses	65063
Oil Crops	65231
Sugar Crops	65246
Tobacco	65274
Horticultural Crops	65281
Fruits	65314
Citrus and Subtropical	65364
Deciduous	65413
Small	65448
Nuts	65481
Shade Trees and Ornamental Plants	65490
Vegetables	65813
Weeds and Poisonous Plants	65921
Miscellaneous	66041
Soils and Fertilizers	66094-66753
Soil Science	66094
Soil Physics	66100
Soil Chemistry	66166
Soil Biology	66191
Soil-Plant-Animal Relationships	66215
Soil Genesis, Formation, Classification and Mapping	66222
Soil Management	66248
Soil Fertility	66272
Tilth and Tillage	66449
Drainage, Irrigation, Water Supply, etc.	66472
Erosion and Control	66590
Sanitation	66670
Materials for Soil Improvement	66676
Primary Materials	66683
Secondary and Minor Element Materials	66687
Mixed Fertilizers and Fertilizer Technology	66699
Fertilizer Statistics	66703
Mineral Soil Amendments	66719
Manures and Composts	66722
Forestry	66753-67225
General	66753
Education	66784
Policies, Programs, Administration	66792
Legislation and Taxation	66833
Description and Resources	66811
Individual Genera	66861
Forest Management and Finance	66886
Farm Woodlands	66903
Mensuration, Surveying, Photogrammetry	66910
Silviculture	66916
Silvicultural Practices	66931
Seeding and Planting	66945
Forest Protection and Damage	66971
Fire	66984
Forest Influences	66993
Miscellaneous Forest Uses	67001
Forest Industries and Trade	67013
Lumbering	67029
Lumbering Equipment	67033
Logging	67040
Sawmills	67052
Processing and Woodworking	67063
Seasoning, Conditioning and Finishing	67071
Wood Preservation and Damage	67083
Forest Products	67102
Lumber and Rough Products	67110
Building Construction	67115
Veneers, Plywood and Adhesives	67128
Furniture	67145
Containers	67149
Pulp and Paper	67151
Chemical Products and Distillates	67185
Naval Stores	67187
Other Forest Products	67190
Wood Technology	67202
Properties and Structure	67216
Animal Industry	67226-68363
Breeds and Breeding	67226
Feeds and Feeding	67246
Veterinary Medicine	67326
Miscellaneous	67430
Cattle	67460
Breeds and Breeding	67460
Feeds and Feeding	67532
Veterinary Medicine	67593
Miscellaneous	67721
Dogs and Cats	67780
Breeds and Breeding	67780
Feeds and Feeding	67805
Veterinary Medicine	67806
Miscellaneous	67847
Fur Animals - Pen Raised	67855
Breeds and Breeding	67855
Feeds and Feeding	67856
Veterinary Medicine	67862
Miscellaneous	67864
Horses and Mules	67868
Breeds and Breeding	67868
Feeds and Feeding	67894
Veterinary Medicine	67896
Miscellaneous	67929
Laboratory Animals, Small	67949
Breeds and Breeding	67949
Veterinary Medicine	67951
Poultry	67954
Breeds and Breeding	67954

For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.
$6.00 per year, domestic; $8.00 per year, foreign. Single copies vary in price.

	Item
Feeds and Feeding	67988
Veterinary Medicine	68036
Miscellaneous	68096
Rabbits	68175
Breeds and Breeding	68175
Feeds and Feeding	68180
Veterinary Medicine	68182
Miscellaneous	68186
Sheep and Goats	68196
Breeds and Breeding	68196
Feeds and Feeding	68223
Veterinary Medicine	68232
Miscellaneous	68265
Swine	68285
Breeds and Breeding	68285
Feeds and Feeding	68297
Veterinary Medicine	68323
Miscellaneous	68349
Entomology	68364-69054
General - Economic	68382
Insecticides	68479
Apiculture and Apis Mellifera	68526
Arachnida, etc.	68592
Coleoptera	68631
Diptera	68718
Culicidae	68789
Hemiptera	68803
Hymenoptera	68875
Lepidoptera	68911
Orthoptera	68999
Sericulture and the Silkworm	69018
Smaller Orders	69026
Agricultural Engineering	69055-69509
General and Miscellaneous	69055
Machines and Equipment	69071
Animal Husbandry	69149
Cultivation and Tillage	69176
Fertilizer and Seed Distributors	69205
Harvesting	69220
Land Clearing Equipment	69249
Processing Equipment Used on the Farm	69252
Repair, Maintenance, and Construction	69284
Spraying and Dusting	69291
Vehicles	69305
Structures and Rural Housing	69370
Animal Shelters and Service Buildings	69376
Farmhouses and Farmsteads	69411
Greenhouses and Plant Service Buildings	69423
Materials and Methods	69434
Storage Structures	69438
Walls and Fences	69459
Utilities	69466
Electricity and Electrification	69466
Heating, Lighting and Radiation	69484
Power Plants, Motors and Engines	69490
Sewage and Waste Disposal	69501
Telephones	69503
Water Supply	69505
Agricultural Products: Processing, Distribution, and Statistics	69510-71198
Analysis and Composition	69542
Consumption, etc.	65975
Distribution, etc.	69579
Grading, etc.	69610
Packing and Packaging	69632
Prices, etc.	69654
Processing and Storage	69676
Statistics	69727
Beverages and Condiments	69756
Dairy Products	69874
Analysis and Composition	69978
Consumption, etc.	70032
Distribution, etc.	70041
Grading, etc.	70105
Packing and Packaging	70148
Prices, etc.	70159
Processing and Storage	70177
Statistics	70290
Feed and Forage Crops	70293
Fibers and Textiles	70345
Fruits, Vegetables, and Nuts	70496
Analysis and Composition	70525
Consumption, etc.	70549
Distribution, etc.	70554
Grading, etc.	70588
Packing and Packaging	70606
Prices, etc.	70615
Processing and Storage	70617
Statistics	70673
Grain and Grain Products	70682
Honey and Beeswax	70769
Livestock and Livestock Products	70776
Analysis and Composition	70809
Consumption, etc.	70819
Distribution, etc.	70821
Grading, etc.	70848
Prices, etc.	70865
Processing and Storage	70870
Statistics	70893
Oils and Oilseeds	70902
Poultry and Poultry Products	71013
Rubber and Rubber Substitutes	71065
Seeds	71093
Sugar and Sirups	71111
Tobacco	71166
Miscellaneous	71181
Agricultural Economics and Rural Sociology	71199-72082
Agricultural Finance	71222
Credit	71228
Income	71260
Inflation	71261
Insurance	71262
Taxation	71274
Agricultural Labor and Wages	71309
Agriculture - Situation, Policies, and Programs	71355
Subsidies	71520
Cost and Standard of Living	71522
Farm Management and Land Economics	71524
Bookkeeping and Records	71610
Costs and Returns	71618
Land Settlement and Colonization	71662
Land Tenure	71672
Land Utilization	71720
Land Values, etc.	71728
Population	71746
Rural Social Organization	71762
Human Ecology	71773
Institutions	71784
Leadership	71928
Rural Organizations and Movements	71929
Rural Social Psychology	72014
Trade, Foreign and International	72020
Food and Human Nutrition	72083-72150
Food Habits	72125
Nutritive and Vitamin Content	72127
Miscellaneous	72151-72257
History and Biography	72181
Home Management	72217
International Relations	72220
Meteorology	72223
Research	72233
Statistics	72255

U. S. D. A. Publications p. 177

State Agr. Expt. Sta. Publications p. 181

State Agr. Ext. Serv. Publications p. 184

Food and Agr. Organ. of the U. N. p. 186

AUTHOR INDEX p. 187

The printing of this publication has been approved by the Director of the Bureau of the Budget. (Jan. 11, 1950)

PLANT SCIENCE

GENERAL

64102 AMERICAN ACADEMY OF ALLERGY. POLLEN SURVEY COMMITTEE. Report, 1951. Chicago, 1952. unpaged. 452.83 Am3

64103 ANDREWS, H. N., and FELIX, C. J. The gametophyte of Cardiocarpus spinatus Graham. Mo. Bot. Gard. Ann. 39:127-135. Ref. May 1952. 451 M69

64104 BARGHOORN, E. S. Degradation of plant tissues in organic sediments. J. Sedimentary Petrology 22:34-41. Ref. Mar.1952. 398.8 J82

64105 BATALLER, J. R. La fanerógamas fósiles de España. Esc. de Peritos Agr. y de Especialidades Agropecuarias y Serv. Téc. de Agr. An. 10:129-149. Ref. 1951. 105.6 B233

64106 BOERNER, F. Der Botanische Garten der Techn. Hochschule Darmstadt. Deut. Baumsch. 4:73-77. Mar.1,1952. 80 D486

64107 BOUREAU, E. Contribution a l'étude paléoxylologique de l'Afrique du Nord. III. Pterocarpoxylon arambourgii n. gen., n. sp., bois silicifié de Leguminoseae-Papilioneae découvert dans les phosphates Y préssiens de Khouribga (Maroc). Mus. Natl. d'Hist. Nat. B. (ser.2)23:552-557. Oct.1951. 410.9 P213

64108 BUSTINZA, F. Addendum to my note on the antibacterial activity of Cladonia rangiferina Web., Cladonia sylvatica (L.) Hoffm. emend. Sandst. and Cladonia impexa Harm. Rev. Bryologique et Lichénologique (n.s.)20:300. 1951. 450 R325

64109 CADRECHA ALVAREZ, J., and FERNANDEZ CASTRO, J. Quantitative studies of air-borne fungi of Havana in each of the twenty-four hours of the day. J. Allergy 23:259-264. 448.8 J8236
Translated by I. S. Kahn.

64110 CONDOMINAS, G., and HAUDRICOURT, A. Première contribution à l'ethnobotanique indochinoise. Essai d'ethnobotanique Mnong gar (protoindochinois du Vietnam). Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32(351/352):19-27. (Cont.) Jan./Feb.1952. 26 R323

64111 CONDOMINAS, G., and HAUDRICOURT, A. Première contribution à l'ethnobotanique indochinoise. Essai d'ethnobotanique Mnong gar (Protoindochinois du Vietnam). Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:168-180. (Concl.) Mar./Apr.1952. 26 R323

64112 DIETRICH, H. Ein dendrologischer rundgang im exotischen garten zu Hohenheim. Deut. Baumsch. 4: 45-47. Feb.1,1952. 80 D486

64113 EGLER, F. E., and POUND, C. E. Report on stable fifteen year old right-of-way vegetation in New York State. South. Weed Conf. Proc. 5:145-147. 1952. 79.9 So8

64114 EIKLID, O. Investigation of annual rings. Norway spruce (Picea abies) from Hallingdal in Gol. (In Norwegian.) Tidsskr. f. Skogbruk 60:1-12. Ref. Jan./Feb.1952. 99.8 T432

64115 FEDER, W. A. An improved moist chamber. Science 115:632-633. June 6,1952. 470 Sci2
For experimental use.

64116 FLACCOMIO, E. Rural life and art: trees in the paintings of S. Roob-Cucchetti. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(44):7. May 28,1952. 281.8 Ag3

64117 FLORSCHÛLTZ, P. A. Naming plants. (In Dutch.) Succulenta 3:40-42. May/June 1952. 450 Su12

64118 FRANKE, D., and PLOEG, D. T. E. VAN DER. It fan offisiële Fryske plantenammen [List of official Frisian plant names]. Drachten,Laverman,1951. 56 p. 452.14 F85
Plant names in Frisian, Dutch, and Latin.

64119 GARDNER, R. C. B. New light on the introduction of larches. Country Life [London] 111:1570-1571. May 23,1952. 80 C83

64120 GONZÁLEZ VALE, M. A. La flor nacional de Venezuela. Venezuela. Dir. Forest. Ser. Forest. 27,6 p. Jan.1952. 99.9 V55
Cattleya mossiae.

64121 GRIGSON, G. The significance of plant names. Country Life [London] 111:1490-1491. May 16,1952. 80 C83

64122 GUTTENBERG, H. A. F. J. RITTER VON. Lehrbuch der allgemeinen botanik. Berlin,Akademie-Verlag,1951. 639 p. 463 G98

64123 HAGÈNE, P. Remarques sur l'application possible des méthodes de coloration argentique à l'étude de l'état des chlorophlastes. Soc. de Biol. Compt. Rend. 145: 1764-1766. Dec.1951. 442.9 P21

64124 HEATH, O. V. S. A technique for taking successive shadowgraphs of the same seedlings in growth and curvature experiments with oat coleoptiles. Ann. Bot (n.s.)16:251-267. Apr.1952. 450 An7

64125 HOFMANN, E. Neues von der pollenanalyse. Ver. z. Verbr. Natwiss. Kenntnisse in Wien. Schr. 90/91: 53-89. 1951. 510 V672

64126 HOWARD, R. A. Fern symbols in a Trinidad religion. Amer. Fern J. 42:1-7. Jan./Mar.1952. 450 Am35

64127 HUBER, B., and JAZEWITSCH, W. VON. Aus der praxis der jahrring-analyse. Allg. Forstz. 7:233-325. Ref. May 14,1952. 99.8 AL52

64128 JONES, K. L. Permanent mounts of agar plates of Streptomyces for use as herbarium specimens. Mich. Acad. Sci. Arts & Let. Papers 36:9-11. 1950,pub. 1952. 500 M582

64129 JONES, M. D. Time of day of pollen shedding of some hay fever plants. J. Allergy 23:247-258. Ref. May 1952. 448.8 J8236

64130 KAMMERER, E. L. News of new plants and plantings, spring 1952. Morton Arboretum B. Pop. Inform. 27:21-24. May 1952. 99.9 M84

64131 KIRCHHEIMER, F. Über Antweileria und andere gattungen der Juglandaceen. Planta 39:527-541. Ref. 1951. 450 P693

64132 KIRCHHEIMER, F. Über das vorkommen einer gattung der Humiriaceen im Europäischen Tertiär. Planta 39:75-90. Ref. 1951. 450 P693

64133 KOBAYASHI, S., and others. Studies on the antibiotic substances from Actinomyces. 4. Isolation of streptomycin from Str. olivaceus. Tohoku J. Expt. Med. 55:273-282. Ref. Feb.25,1952. 448.8 T57
J. Sato, N. Ishida, and Y. Owaki, joint authors.

64134 KRAUS, G. Der naturkundeunterricht an landwirtschaftlichen schulen. V. Höhere Bundeslehr- u. Versanst. f. Wein-, Obst- u. Gartbau. Mitt. 2:79-84. Mar.1952. 105.9 K696
English summary.
Botany.

64135 LEMÉE, A. Dictionnaire descriptif et synonymique des genres de plantes phanérogames. Sup. 9. Brest,1951. 285 p. 452 L542

64136 LEMÉE, G. L'évolution forestière postglaciaire en Haut Morvan d'après l'analyse pollinique. Soc. Bot. de France. B. 98:220-225. 1951. 451 F84B

64137 MALDONADO-KOERDELL, M. Hallazgo de Chondrites (algae, inc. sed.) en el Jurasico Superior de Nuevo Leon (Mexico). Ciencia 11:225-226. Dec.15,1951. 475 C48

64138 MANGELSDORF, P. C. Plants and human affairs. Notre Dame,Ind.,1952. 29 p. (Notre Dame, University. Nieuwland Lectures. V. 5) 452.8 M312

64139 MATTHEWS, J. R. Botanical aspects of nature conservation in Scotland. Advn. Sci. 8:369-373. Mar. 1952. 501 B77A

64140 MEHL, E. Riesen der vorwelt unter den bäumen der jetztzeit. Kosmos 48:55-61. Feb.1952. 474 K842

64141 MUENSCHER, W. C. The vegetation of Bergen swamp. IX. Rochester Acad. Sci. Proc. 9:339-347. Ref. Dec.1951. 500 R58

64142 NATIONAL RESEARCH COUNCIL, CANADA. CANADIAN COMMITTEE ON CULTURE COLLECTIONS OF MICRO-ORGANISMS. Directory and catalogue of collections of micro-organisms maintained in Canada. Ottawa,1951. 1 v. (loose-leaf) 448.2 N2122

64143 NISSEN, C. Zur geschichte der baumdarstellung. Deut. Baumsch. 4:60-62. Mar.1,1952. 80 D486

64144 P'IAVCHENKO, N. I. On the shift of plant zones in the North of Eastern Europe and Western Siberia in the Post-Glacial Period. (In Russian.) Akad. Nauk SSSR. Dok. 84:127-130. Ref. May 1,1952. 511 P444A
Pollen analysis.

64145 PORTÈRES, R. Formations prairiales paleotropicales à Themeda et leur extension ancienne en Afrique. Soc. de Biogéog. Compt. Rend. 28:109-113. Mar./May 1951. 505 P216

64146 POTTIER-ALAPETITE. Peuplement de la dorsale tunisienne. Soc. de Biogéog. Compt. Rend. 28:82-92. Mar./May 1951. 505 P216
Paleobotany.

64147 RAJAN, B. S. V., NIGAM, S. S., and SHUKLA, R. K. A study of the atmospheric fungal flora at Kanpur. Indian Acad. Sci. Proc. Sect. B. 35:33-37. Ref. Jan.1952. 513 In25B

64148 ROBERTS, J. M. Antibiotic substances produced by species of Cephalosporium, with a description of a new species. Mycologia 44:292-306. May/June 1952. 450 M99

64149 ROBERTY, G. Les déterminations infra-spécifiques. Soc. Bot. de France. B. 98:228-230. 1951. 451 F84B

64150 RUDAKOV, V. E. Method of treating annual rings of trees for showing the influence of climatic fluctuations on their thickness. (In Russian.) Akad. Nauk SSSR. Dok. 84:169-171. May 1,1952. 511 P444A

64151 SCHENK, P. J. The elder in the garden, in the kitchen and in plant lore. (In Flemish.) Cult. en Handel 18:228-229. Apr.1952. 80 C892

64152 SCHOMAEKERS, H. Blüten läuten den frühling ein. Unser Wald 5(4):12-14. Apr.1952. 99.8 Un7

64153 SEEFELD, W. VON. Pflanze und garten in zwei bildlichen darstellungen der Ostergeschichte. Pflanze u. Gart. 2(4):2-3. Apr.1952. 80 P48

64154 SHARSMITH, C. W. The timberline gardens of Mount Dana. Yosemite Nat. Notes 31:43-45. May 1952. 409.6 Y8

64155 STEINER, M. L. Photographing orchids. Philippine Orchid Rev. 4(2):15-18. Oct.1951. 80 P53

64156 SVESHNIKOVA, I. N. Use of anatomical method for investigating the epidermis and cuticle in studying fossil coniferous needles. (In Russian.) Akad. Nauk SSSR. Dok. 84:135-137. Ref. May 1,1952. 511 P444A

64157 TAYLOR, K. S. A positive approach to wild flower conservation. Horticulture 30:233. June 1952. 80 H787

64158 TOKIN, B. P. Gubiteli mikrobov-fitontsidy [Destroyers of microbes-phytoncides]. Moskva,Gos. Izd-vo Kul'turno-Prosvetital'noĭ Lit-ry,1951. 127 p. 448.2 T57G

64159 VENEMA, H. J. The estate "Belmonte" at Wageningen. (In Dutch.) Netherlands. Dir. van de Tuinbouw. Meded. 15:157-161. Mar.1952. 86 N384
English summary.
Includes vegetation.

64160 WARD, F. K. Plant hunting in Assam. Roy. Hort. Soc. J. 77:205-214. June 1952. 84 L84J

64161 WEBERBAUER, A. La protección de la vegetación y la flora del Perú. Peru. Comt. Nac. de Protec. a la Nat. B. 7:51-54. 1950,pub.1951. 279.9 P43

SYSTEMATIC AND GEOGRAPHIC BOTANY

General

64162 MAIRE, R. Flore de l'Afrique du Nord, v. 1. Paris,Lechevalier,1952. 366 p. (Encyclopédie Biologique 33) 460.41 M28F

64163 MILLOT, J. La faune et la flore de Madagascar. Rev. Colon. Belge 7:363-366. May 15,1952. 100 R324

Spermatophytes

64164 AIRY SHAW, H. K. On the distribution of Pisonia grandis R. Br. (Nyctaginaceae), with special reference to Malaysia. Kew B. 1:87-97. Ref. 1952. 451 K51B

64165 AIRY SHAW, H. K. Three new species of Gonystylus from Borneo. Kew B. 1:73-74. 1952. 451 K51B

64166 ALEXANDER, W. P. The American Columbo - (Frasera caroliniensis). Sanctuary News 11(6):1-2. May 1952. 410 Sa5

64167 ALLEIZETTE, C. D'. Note complétive sur le Seseli labanotis ssp. chouvignyana. Soc. Bot. de France. B. 98:205-206. 1951. 451 F84B

64168 ALTHAUSEN, H. Orchid hunting in southern Brazil. Orchid J. 1:120-124. Mar.1952. 80 Or174

64169 ANDERSON, J. P. Flora of Alaska and adjacent parts of Canada. An illustrated descriptive text of all vascular plants known to occur within the region covered. IX. Iowa State Col. J. Sci. 26:387-453. Apr. 1952. 470 Io9

64170 BAYLIS, G. T. S. Elingamita (Myrsinaceae) a new monotypic genus from West Island, Three Kings. Auckland Inst. & Mus. Rec. 4:99-102. Dec.19,1951. 514 Au22R

64171 BOER, H. W. DE. Lithops kubisensis Dtr., ex Jacobsen. (In Dutch.) Succulenta 3:43-44. May/June 1952. 450 Su12

64172 BOR, N. L. Notes on Asiatic grasses. I-III. Kew B. 1:75-81,101-116,130. 1952. 451 K51B
Danthonia, Apocopis, and Poa.

64173 BULLOCK, D. S. Alstroemerias in the region of Angol, Chile. Plant Life 8:106-107. 1952. 450 P695

64174 CAMP. W. H. 'Mandan rice-grass'[×Stiporyzopsis] and a nomenclatural problem. Amer. J. Bot. 39: 349-351. May 1952. 450 Am36

64175 CAMUS, A. Chrysopogon humbertianus, espèce nouvelle de Madagascar. Soc. Bot. de France. B. 98:252-253. 1951. 451 F84B

64176 CAMUS, A. Contribution à l'étude des Graminées du Maroc. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:139-144. Mar./Apr.1952. 26 R323

64177 CHEVALIER, A. De quelques Dioscorea d'Afrique Equatoriale toxiques dont plusieurs variétés sont alimentaires. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32(351/352):14-19. Ref. Jan./Feb.1952. 26 R323

64178 CHEVALIER, A., and SILLANS, R. Sur quatre Droogmansia de l'Afrique tropicale au NW de l'Equateur. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32(351/352): 44-53. Jan./Feb.1952. 26 R323

64179 CHEVALIER, A. Sur une Campanule à fleurs blanches naturalisée sur les vieux murs d'un ancien château en Basse Normandie. Soc. Bot. de France. B. 98: 212. 1951. 451 F84B

64180 CHEVALIER, A. Travaux français sur le genre Eucalyptus. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:105-112. Ref. Mar./Apr.1952. 26 R323

64181 CLINT, MRS. M. Exploring for Mexican Zephyranthes. Plant Life 8:77-79. 1952. 450 P695

64182 COOPER, R. The New Zealand "Wooden rose" [Dactylanthus taylori]. Mo. Bot. Gard. B. 40:83-85. May 1952. 451 M69B

64183 DAVIES, P. A. Geographical variations in Shortia galacifolia. Rhodora 54:121-124. May 1952. 450 R34

64184 DUURSMA, G. D. Botanical survey of succulents. (In Dutch.) Succulenta 3:50-51. May/June 1952. 450 Su12

64185 EARDLEY, C. M. Further remarks on Australian Amaryllids. Plant Life 8:56-58. 1952. 450 P695

64186 EATON, R. J. Status of Phragmites communis Trin., var. berlandieri (Fourn.) Fernald along the Sudbury River in eastern Massachusetts. Rhodora 54:135-138. May 1952. 450 R34

64187 FERNANDES, A. On the systematic position of Lapiedra martinezii Lag. Plant Life 8:60-68. 1952. 450 P695

64188 GAGNEPAIN, F. Le genre africain Manotes (Connaracées) se trouverait en Asie. Soc. Bot. de France. B. 98:206-208. 1951. 451 F84B
Includes Cnestis annamensis n. sp.

64189 GUILLAUMIN, A. Contributions a la flore de la Nouvelle-Calédonie. XCIX-C. Mus. Natl. d'Hist. Nat. B. (ser.2)23:537-541. Oct.1951. 410.9 P213
New spp. in Elaeocarpus, Sarlina n. g., and Gmelina.

64190 HORN AF RANTZIEN, H. Notes on some tropical African species of Najas in the Kew Herbarium. Kew B. 1:29-40. 1952. 451 K51B

64191 JACQUES-FÉLIX, H. Sur le genre Pycnosphæra Gilg. (Gentian.) et sa dispersion. Soc. Bot. de France. B. 98:214-217. 1951. 451 F84B

64192 KEAY, R. W. J. Notes on tropical West African species of Combretum. II. Kew B. 1:131-132. 1952. 451 K51B

64193 MOLDENKE, H. N. Amaryllid genera and species. Plant Life 8:88-90,146-150,166-168,172-176, 182,35,98,183. 1952. 450 P695

64194 NAYAR, T. G. On the occurrence of Musa banksii (F. Muell) var. singampatti (Nayar T. G.). Indian J. Hort. 9:13-15. Mar.1952. 80 In2

64195 NELMES, E. The genus Carex in Malaysia. Reinwardtia 1:221-450. Dec.1951. 450 R272

64196 NELMES, E. A hybrid Carex from Wales. Watsonia 2:148-150. Jan.1952. 450 W33

64197 NELMES, E. Notes on Cyperaceae. XXVIII-XXIX. Kew B. 1:67-68,83-84. 1952. 451 K51B
New species in Carex.

64198 NIELSEN, E. L., and ROGLER, G. A. An amphidiploid of × Stiporyzopsis. Amer. J. Bot. 39:343-348. May 1952. 450 Am36

64199 OHLSSON, A. Svenska orkidéer [Swedish orchids]. Stockholm,Bokförlaget Svensk Natur,1951. 169 p. 452.3 Oh4

64200 PEASE, A. S. A color-form of beech-drops [Epifagus virginiana]. Rhodora 54:140. May 1952. 450 R34

64201 PENNELL, F. W. The genus Calceolaria in Ecuador, Colombia, and Venezuela. Acad. Nat. Sci. Phila. Proc. 103:85-196. 1951. 500 P53

64202 PERRIER DE LA BATHIE, H. Les Myrtacées utiles de la région Malgache. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:112-116. Mar./Apr.1952. 26 R323

64203 PERRIN DE BRICHAMBAUT, G. Note sur les Phalaris nord-africains et en particulier sur les Phalaris marocains. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:123-138. Ref. Mar./Apr.1952. 26 R323

64204 PEVERETT, F. Vascular plants of Bradford; a list of 456 species growing within an approximate six-mile radius of the Town Hall. Bradford? Eng.,Bradford Nat. Soc.,1951. 20 p. 458 P46

64205 PICHON, M. Le fruit et la graine des Humbertiacées. Soc. Bot. de France. B. 98:235-237. 1951. 451 F84B

64206 RAVEN, J. E. Koenigia islandica L. in Scotland. Watsonia 2:188-190. Jan.1952. 450 W33

64207 RAVEN, J. E. Roegneria doniana (F. B. White) Meld. in Britain. Watsonia 2:180-185. Jan.1952. 450 W33

64208 REYNTENS, H., and ANDRIES, A. L'examen botanique des herbages du pays de Waes. Rev. de l'Agr. 5:442-454. May 1952. 13 R322
English summary .

64209 RILSTONE, F. Rubi from Dartmoor to the Land's End. Watsonia 2:151-162. Jan.1952. 450 W33

64210 RITTERHAUS, W. Eine besondere frühlingsblume. Bauernbund Kal. 1952:175-177. 1951. 18 B327
Pulmonaria.

64211 ROBERTY, G. Acacias et Graminées dans le Sahel sénégalien. Soc. Bot. de France. B. 98:244-246. 1951. 451 F84B

64212 ROUSSEAU, J., and RAYMOND, M. Le Gentiana tenella Rottb. dans le Québec arctique. Nat. Canad. 79:76-80. Feb.1952. 410 N216

64213 ROUSSEAU, J., and RAYMOND, M. Quelques entités nouvelles du nord du Québec. Nat. Canad. 79:81-84. Feb.1952. 410 N216

64214 SAUER, J. D. A geography of pokeweed. Mo. Bot. Gard. Ann. 39:113-125. Ref. May 1952. 451 M69
Phytolacca americana.

64215 SCHENK, P. J. Cuscuta. (In Flemish.) Cult. en Handel 285-287. May 1952. 80 C892

64216 SCHWEINFURTH, C. Orchidaceae peruvianae. IX. Harvard U. Bot. Mus. L. 15:139-170. Feb.21,1952. 451 H262
New species in Epidendrum, Orleanesia, Vargasiella n. g., Buesiella n. g., Xylobium, Lycaste, Zygopetalum, Maxillaria, and Trichopilia.

64217 SEYMOUR, F. C. The type of Ulmus americana L. Rhodora 54:138-139. May 1952. 450 R34

64218 SILLANS, R. Helichrysum humberti (Composées), espèce nouvelle de l'Oubangui-Chari. Soc. Bot. de France. B. 98:253-255. 1951. 451 F84B

64219 SILLANS, R. Sur quelques plantes ichtyotoxiques de l'Afrique centrale. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32(351/352):54-65. Ref. Jan./Feb.1952. 26 R323

64220 SILLANS, R. Tisserantodendron (Bignoniacées), genre nouveau du centre africain. Soc. Bot. de France. B. 98:270-272. 1951. 451 F84B

64221 SILLANS, R. Sur trois Strychnos de savane d'Afrique Centrale. Soc. Bot. de France. B. 98:225-228. 1951. 451 F84B

64222 SMITH, A. C. Studies of Pacific Island Plants. X. The Meliaceae of Fiji, Samoa and Tonga. U. S. Natl. Mus. Contrib. U. S. Natl. Herb. 30:469-522. 1952. 450 C76
Vavaea, Aglaia and Dysoxylum.

64223 SMITH, L. B. A new Nymphoides [N. flaccida] from Colombia. Wash. Acad. Sci. J. 42:160-161. May 1952. 500 W276J

64224 SPRAGUE, T. A. The British forms of Valeriana officinalis. Watsonia 2:145-147. Jan.1952. 450 W33

64225 STADLER, H. Wie kommen mehlprimel [Primula farinosa] und krähenbeere [Empetrum nigrum] nach Patagonien? Aschaffenburg. Natwiss. Mus. Nachr. 31:17-26. May 1951. 409.6 As2

64226 STEYERMARK, J. A. Color-forms of the May-apple [Podophyllum peltatum]. Rhodora 54:131-134. May 1952. 450 R34

64227 STEYERMARK, J. A. Contributions to the flora of Venezuela. Fieldiana. Bot. 28(1),242 p. May 18, 1951. 500 C432B

64228 STEYERMARK, J. A. Rare Missouri plants. II-III. Mo. Bot. Gard. B. 40:77-82. May 1952. 451 M69B
The Czark chestnut, Castanea ozarkensis, and the Ozark trillium, Trillium ozarkanum.

64229 STOUT, W. Roses native to Ohio. Amer. Rose Annu. 37:119-124. 1952. 81 Am31A

64230 TRAUB, H. P. Amaryllid notes. Plant Life 8: 82-84. 1952. 450 P695

64231 TRAUB, H. P. Amaryllis maracasa, sp. nov. Plant Life 8:55-56. 1952. 450 P695

64232 TRAUB, H. P. Lycoris notes. Plant Life 8:79-82. 1952. 450 P692

64233 TRAUB, H. P. Zephyranthes clintiae sp. nov. Plant Life 8:74-76. 1952. 450 P695

64234 TURNER, D. M. The identification of the grasses. Inst. Corn & Agr. Merchants. J. 3:93-99. (Cont.) Spring 1952. 10 In7

64235 TURRILL, W. B. Notes on African Oleaceae. Kew B. 1:133-136. 1952. 451 K51B
Jasminum.

64236 TUTIN, T. G. Note on the nomenclature of Roegneria doniana (F. B. White) Meld. Watsonia 2:186-187. Jan.1952. 450 W33

64237 UITEWAAL, A. J. A. Haworthia fasciata (Willd.) Haw. and Haworthia fasciata Hort. (In Dutch.) Succulenta 3:37-40. May/June 1952. 450 Su12

64238 UPHOF, J. C. T. A review of the genus Alstroemeria. Plant Life 8:37-53. 1952. 450 P695

64239 WALKER, A. Les Dioscorea's du Gabon. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:191-193. Mar./Apr.1952. 26 R323

64240 WARD, F. K. What the flood brought. Gard. Chron. 131:178. May 24,1952. 80 G162
Tree species in India.

64241 WATERFALL, U. T. Further studies of the Oklahoma flora. Rhodora 54:125-131. May 1952. 450 R34

64242 WEBSTER, M. M., and MARLER, P. A contribution to the flora of West Sutherland. Watsonia 2:163-179. Jan.1952. 450 W33

64243 WOOD, G. H. S. Bark as a means of tree identification. Oxford U. Forest Soc. J. (ser.3)6:15-27. 1952. 99.9 Ox2

64244 YOUNGMAN, B. J. Professor Naonori Hirota's work on camphor trees. Kew B. 1:61-65. 1952. 451 K51B
Cinnamomum camphora.

Pteridophytes

64245 LAKELA, O. A list of ferns from the North Shore of Lake Superior, Minnesota. Amer. Fern J. 42: 16-18. Jan./Mar.1952. 450 Am35

64246 ROACH, A. W., and HARRIS, B. B. Sand hill ferns of Henderson County, Texas. Amer. Fern J. 42:13-15. Jan./Mar.1952. 450 Am35

64247 WINNE, W. T. Pteridophytes from two Liberian Counties. Amer. Fern J. 42:7-13. Jan./Mar.1952. 450 Am35

Bryophytes

64248 BIZOT, M., and POTIER DE LA VARDE, R. Bryosedwickia densa (Hook.) Biz. et P. de la V. (comb. nov.). Rev. Bryologique et Lichénologique (n.s.)20:246-248. 1951. 450 R325

64249 BIZOT, M. Isothecium tenuinerve Kindb. en France. Rev. Bryologique et Lichénologique (n.s.)20: 287. 1951. 450 R325

64250 BUCHLOH, G. Die wiederauffindung des lebermooses Lepidozia pinnata Dum. in Baden. Rev. Bryologique et Lichénologique (n.s.)20:298. 1951. 450 R325

64251 CRUM, H. A. Two new species of Mexican mosses collected by Aaron J. Sharp. Bryologist 55:51-58. Mar.1952. 450 B84
Streptopogon matudianus and Holomitrium xolocotzianum.

64252 CUYNET, P. Paludella squarrosa (L.) Brid. Rev. Bryologique et Lichénologique (n.s.)20:297. 1951. 450 R325

64253 DOIGNON, P., and GUILLAUMOT, M. Les Stereodon d'Europe. Rev. Bryologique et Lichénologique (n.s.)20:263-288. Ref. 1951. 450 R325

64254 EYERDAM, W. J. Alaskan and Aleutian Island Hepatics. Bryologist 55:26-35. Mar.1952. 450 B84

64255 FABIUS, F. Ulota drummondii (Hook. et Grev.) Brid. en Amérique du Nord. Rev. Bryologique et Lichénologique (n.s.)20:260-262. 1951. 450 R325

64256 GAMS, H. Riccia breidleri Juratzka comme Hépatique amphibique des hautes Alpes. Rev. Bryologique et Lichénologique (n.s.)20:255-257. 1951. 450 R325

64257 GAUME, R. Considérations générales sur la flore bryologique de Bretagne d'après les travaux du docteur F. Camus. Rev. Bryologique et Lichénologique (n.s.)20:249-254. (Concl.) 1951. 450 R325

64258 GEMMELL, A. R. Studies in the Bryophyta. II. The distribution of the sexual groups of British mosses. New Phytol. 51:77-89. Ref. Apr.1952. 450 N42

64259 HOLLIGER, H. H. Note on Funaria hygrometrica. Bryologist 55:50. Mar.1952. 450 B84

64260 JENNINGS, O. E. A manual of the mosses of western Pennyslvania and adjacent regions. Ed. 2. Amer. Midland Nat. Monog. 6,396 p. Sept.1951. 500 Am3

64261 KOCH, L. F. The nomenclature of Bryum annotinum Hedwig. Rev. Bryologique et Lichénologique (n.s.)20:258-259. Ref. 1951. 450 R325

64262 KUCYNIAK, J. The occurrence of Grimmia teretinervis Limpr. in North America, with notes on its distribution. Bryologist 55:35-47. Ref. Mar.1952. 450 B84

64263 MARTIN, W. Unattached mosses in the New Zealand flora. Bryologist 55:65-70. Mar.1952. 450 B84

64264 MEHRA, P. N., and KACHROO, P. Sporeling germination studies in Marchantiales. II. Stephensoniella brevipedunculata Kash. Bryologist 55:59-64. Mar.1952. 450 B84

64265 OCHSNER, F. Le Brotherella lorentziana (Moli.) Loeske en Suisse. Rev. Bryologique et Lichénologique (n.s.)20:299. 1951. 450 R325

64266 PERSSON, H. Critical or otherwise interesting Bryophytes from Alaska-Yukon. Bryologist 55:1-25. (Cont.) Mar.1952. 450 B84

64267 POTIER DE LA VARDE, R. Contribution à la flore bryologique africaine. 4. Rev. Bryologique et Lichénologique (n.s.)20:243-245. 1951. 450 R325

64268 SAINSBURY, G. O. K. Vegetative reproduction in New Zealand mosses. III. Bryologist 55:71-79. Mar. 1952. 450 B84

64269 TAYLOR, J. A contribution to the bryophytic flora of the Nearer East. Kew B. 1:45-60. Ref. 1952. 451 K51B

Algae

64270 ALEEM, A. A. Algues marines de profondeur des environs d'Alexandrie (Egypte). Soc. Bot. de France. B. 98:249-252. 1951. 451 F84B

64271 BERNATOWICZ, A. J. Seasonal aspects of the Bermuda algal flora. Mich. Acad. Sci. Arts & Let. Papers 36:3-8. 1950,pub.1952. 500 M582

64272 BLACHE, J. Apercu sur le plancton des eaux douces du Cambodge. Cybium 6:62-94. 1951. 414.8 C99

64273 BOCK, O. Eine algologische seltenheit aus dem Spessart. Aschaffenburg. Natwiss. Mus. Nachr. 34: 37-39. Feb.1952. 409.6 As2
Hydrurus foetidus.

64274 BOCK, O. Von den algen des Zechsees bei Kahl a/M. Aschaffenburg. Natwiss. Mus. Nachr. 31:33-38. May 1951. 409.6 As2

64275 BOCK, W. Diatomeen aus dem Rechtenbach bei Lohr a/M. Aschaffenburg. Natwiss. Mus. Nachr. 31: 39-43. May 1951. 409.6 As2

64276 BOURRELLY, P. Note sur un euglénien incolore: Cyclidiopsis acus Korsh. Soc. Bot. de France. B. 98:202-205. Ref. 1951. 451 F84B

64277 CHADEFAUD, M. Les Vauchéries sont des Xanthophycées. Soc. Bot. de France. B. 98:210-211. 1951. 451 F84B

64278 FELDMANN, J. La flore marine de l'Afrique du Nord. Soc. de Biogéog. Compt. Rend. 28:103-108. Ref. Mar./May 1951. 505 P216

64279 FREDERICK, J. J. Evolution of polysaccharide synthesis in the algae. Biol. Rev. 14:26-28. Mar. 1952. 442.8 B5225

64280 GIEBNER, B. M. The plankton algae of the southeast end of Chautauqua Lake. Rochester Acad. Sci. Proc. 9:409-420. Ref. Dec.1951. 500 R58

64281 HASLE, G. R. Phototactic vertical migration in marine Dinoflagellates. Oikos 2:162-175. Ref. 1950,pub.1952. 410 Oi4

64282 MAGNE, F. Tribonema endozootica (Wille), nov. spec. Xanthophycée symbiotique de l'éponge Halicondria panicea Johnst. Soc. Bot. de France. B. 98:242-244. 1951. 451 F84B

64283 PRINGSHEIM, E. G. On the nutrition of Ochromonas. Q. J. Micros. Sci. 93:71-96. Ref. Mar.1952. 440.8 Q2

64284 SORENSEN, I. Studies in the ecology of Hydrodictyon reticulatum (L.) Lagerh. Oikos 2:197-212. Ref. 1950,pub.1952. 410 Oi4

64285 TAYLOR, W. R. Reproduction of Acrosymphyton caribaeum. Mich. Acad. Sci. Arts & Let. Papers 36: 31-37. Ref. 1950,pub.1952. 500 M582

64286 WOOD, R. D. The Characeae, 1951. Bot. Rev. 18:317-353. Ref. May 1952. 450 B6527

Fungi (Including Lichens)

64287 ADE, A. Zwei neue pilze aus kulturen. Aschaffenburg. Natwiss. Mus. Nachr. 34:41-44. Feb.1952. 409.6 As2
In Marasmus and Mollisia.

64288 BAXTER, D. V. Some resupinate polypores from the region of the Great Lakes. XXII. Mich. Acad. Sci. Arts & Let. Papers 36:69-83. 1950,pub.1952. 500 M582

64289 BORMAN, E. K. Conservation of the generic name Bacterium and the family name Bacteriaceae. Internatl. B. Bact. Nomencl. & Taxonomy 2:60-63. Apr. 30,1952. 448.3 In8

64290 BOULY DE LESDAIN, M. Remarques sur la végétation lichénique des substratum variés, disséminés dans les dunes à l'est et à l'ouest de Dunkerque, de Mardyck (Nord) à la frontière belge. Rev. Bryologique et Lichénologique (n.s.)20:289-296. 1951. 450 R325

64291 BRODIE, H. J. Interfertility between two distinct forms of Cyathus olla. Mycologia 44:413-423. May/June 1952. 450 M99

64292 CAIN, R. F. Studies of fungi imperfecti. I. Phialophora. Canad. J. Bot. 30:338-343. May 1952. 470 C16C

64293 CIFERRI, R. Schedae mycologicae. I-XI. Mycopath. et Mycol. Appl. 6:19-27. Oct.30,1951. 450 M994
Includes new species in Meliola, Arthrobotryum, Necraphidium n. g., Infrafungus n. g., Millerburtonia n. g., and Chalcosphaeria.

64294 DENNIS, R. W. G. A new British Clavaria. Kew B. 1:40. 1952. 451 K51B

64295 DICKINSON, C. I. Marine algae from the Gold Coast. IV. Kew B. 1:41-43. 1952. 451 K51B
Includes new species in Sphacelaria and Gelidium.

64296 DODGE, B. O. The fungi come into their own. Mycologia 44:273-291. May/June 1952. 450 M99

64297 DRECHSLER, C. Widespread distribution of Delacroixia coronata and other saprophytic Entomophthoraceae in plant detritus. Science 115:575-576. May 23,1952. 470 Sci2

64298 GILKEY, H. M. A new genus [Caulocarpa] of truffles in the Northwest and its apparent relationships. (Abs.) Oreg. Acad. Sci. Proc. 2:2. 1948-51. 500 Or3

64299 GILMAN, J. C., and TIFFANY, L. H. Iowa Ascomycetes. I. The Xylariaceae. Iowa State Col. J. Sci. 26:455-482. Ref. Apr.1952. 470 Io9

64300 HOLLIS, J. P. Studies on Streptomyces scabies. I. Variability in a melanin-indicator medium. Phytopathology 42:273-276. Ref. May 1952. 464.8 P56

64301 JONES, K. L. The development of the young vegetative mycelium in Streptomyces. Mich. Acad. Sci. Arts & Let. Papers 36:13-26. 1950,pub.1952. 500 M582

64302 KARLING, J. S. Sommerstorffia spinosa Arnaudow. Mycologia 44:387-412. May/June 1952. 450 M99

64303 KERN, H. Pilzfibel. Die 63 bekanntesten pilze in der natur. Ed. 2. München,1951. 32 p. (Bruckmanns Fibelbücher 9) 462.5 K45

64304 MIELKE, J. L., and COCHRAN, G. W. Differences in spore surface markings of three pine rusts [Cronartium], as shown by the electron microscope. Mycologia 44:325-329. May/June 1952. 450 M99

64305 MOREAU, F. Sur une Dothidéacée parasite du lichen Anaptychia speciosa (Wulfen) Massalongo. Soc. Bot. de France. B. 98:208-209. 1951. 451 F84B
Telimena foreaui n. sp.

64306 PAVGI, M. S., and THIRUMALACHAR, M. J. Notes on Indian Ustilagineae. IV. Mycologia 44:318-324. May/June 1952. 450 M99
Includes a new species in Tilletia.

64307 SIMMONS, E. G. Culture studies in the genera Pleospora, Clathrospora, and Leptosphaeria. Mycologia 44:330-365. Ref. May/June 1952. 450 M99

PATHOLOGY

General

64308 ALBERT, A. D., JR. Winter damage in Georgia. Amer. Rose Annu. 37:79-81. 1952. 81 Am31A

64309 ANDREW, J. Topdressing hill-country: aerial sowing of rabbit poison. Massey Agr. Col. Sheepfarming Annu. 4:53-56. Nov.1952. 45.9 M385

64310 ASQUITH, D. Are we ready for concentrates? Mountaineer Grower 22(190):26-29. Feb.1952. 80 M86

64311 BAKER, K. F. Floricultural diseases are dynamic enemies. South. Florist & Nurseryman 65(7):84-87,90. May 9,1952. 80 So86

64312 BAKER, K. F. Seed-borne parasites. Seed World 70(11):38,40,44,46-47. June 6,1952. 61.8 Se52

64313 BENLLOCH, M. Lo que nos puede traer la patata de simiente de importación. ASPAS 1:6-8. June 1951. 75.8 As6
Diseases.

64314 BERGMARK, M. Snails-glutton, pest. (In Swedish.) Trädgårdstidningen 24(5):9,28-29. May 1952. 80 T67
Damage to plants.

64315 BLAIR, I. D. Disease in farm and garden seeds. Canterbury Chamber Com. Agr. B. 271,7 p. Feb. 1952. 23 C162

64316 BRANDT, H. Obstbaumspritzungen im kleingarten und bäuerlichen betrieb. Pflanzenschutz 4:1-3. Jan.1952. 464.8 P48

64317 BRICHET, J. Le desséchement des feuilles de vigne. Rev. Agr. de l'Afrique du Nord 50:133-134. Feb. 22,1952. 80 R326
With note by P. Frezal.

64318 BUCKLAND, D. C., and MARPLES, E. G. Management of western hemlock [Tsuga heterophylla] infested with dwarf mistletoe [Arceuthobium campy-lopodum]. Brit. Columbia Lumberman 36(5):50-51,136,138, 140. May 1952. 99.81 B77

64319 CAIRASCHI, E. A. Protection du vignoble d'Alsace; compte rendu d'essais de poudrages par avion effectuées en 1951. Agriculture [Paris] 16:113-116. Apr.1952. 14 Ag823

64320 CARLYLE, R. E., and WRIGHT, J. Aerial spraying for better crop yields. Crops & Soils 4(8):18-20. June/July 1952. 6 W55

64321 CARRERA, C. M., and ZABALA, S. Enfermedades del pimiento. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(28):18-19. Oct.1951. 9 Ar35

64322 CONROY, R. J., and WILSON, R. D. Mottle leaf of tweed wonder beans. Austral. Inst. Agr. Sci. J. 18:33-38. Mar.1952. 23 Au74

64323 CORNUET, P. Les maladies des fraisiers et la sélection sanitaire. France. Min. de l'Agr. B. Tech. d'Inform. 67:169-175. Mar.1952. 14 F844B

64324 CRABB, R. Keep corn healthy. Successful Farming 50(6):42-43,84,86. June 1952. 6 Su12

64325 CZECH, M. Pflanzenschutzmittelpreise kritisch betrachtet. Deut. Landwirt.-Gesell. Mitt. 67: 283-284. Apr.26,1952. 18 N39

64326 DAHL, M. H. Observations on sprays. (In Danish.) Erhvervsfrugtavleren 18:183-186. Apr.1,1952. 80 Er3

64327 DECKER, P., WALLACE, A. T., and WEBB, T. E. Recent studies on lupines in Florida. (Abs.) Phytopathology 42:283. May 1952. 464.8 P56
Includes breeding for disease and pest resistance.

64328 DE LEON, D. Kadang-kadang disease of coconuts in the Philippines. Foreign Agr. 16:103. May 1952. 1.9 Ec7For

64329 DENMARK. STATENS FORSØGSVIRKSOMHED I PLANTEKULTUR. Special preparations for the control of plant diseases and pests approved by the State Plant Research Board. Valid for the year 1952. (In Danish.) Tidsskr. f. Planteavl 55:511-535. 1952. 11 T439

64330 DIEGUEZ C., J. Estudio de las enfermedades del plátano en Tingo María. Vida Agr. [Lima] 29:203, 205,207,209,211,213-214,217-218. Mar.1952. 9.8 V66

64331 EMGE, R. G., and FULTON, J. P. Control of diseases of watermelons, cantaloupes, cucumbers, squash. Ark. Agr. Col. Ext. L. 152,8 p.-folder. Apr. 1951. 275.29 Ar4Le

64332 EMGE, R. G., and FULTON, J. P. Control of strawberry diseases in Arkansas. Ark. Agr. Col. Ext. L. 149,6 p.-folder. Feb.1951. 275.29 Ar4Le

64333 FLIPSE, L. P. Handleiding bij de bespuiting van fruitgewassen [Guide for spraying fruit]. Netherlands. Plantenziektenk. Dienst. Verslagen en Meded. 86, 63 p. Mar.1952. 464.9 W122

64334 FUJIKAWA, T. On "shirakium disease" (stem rot) of soybean. (In Japanese.) Jap. J. Plant Protect. 21: 42-44. Mar.1951. 421 J27

64335 FULKERSON, J. F. The spray service for this season, 1952. Mountaineer Grower 22(190):13-14. Feb. 1952. 80 M86
West Virginia.

64336 FULKERSON, J. F. Spraying cherries, 1952 season. Mountaineer Grower 22(190):50-51. Feb.1952. 80 M86

64337 GERRITS, C. Disease control in fruit culture. (In Dutch.) Betuws Tuinbouwbl. 10(3):4. Apr.5,1952. 80 B464

64338 GLAZEBROOK, J. H. Developments in glasshouse fumigation. New Zeal. Gard. 8:505-509. Mar.1, 1952. 80 N4822

64339 GOULD, E. Fruit insects and diseases and their control. Mountaineer Grower 22(190):8-13. Feb. 1952. 80 M86

64340 GROSSBARD, E. Los antibióticos y el antagonismo microbiano en la patologia de las plantas. U. de Antioquia 105:91-98. Jan./Feb.1952. 110 Un3

64341 HALLEMANS, A. Recommendations in regard to the spraying calendar, 1952. (In Flemish.) Cult. en Handel 18:273. May 1952. 80 C892
Fruit.

64342 HANSEN, H. P. Unknown disease and related diseases of coconut palms in the West Indies. Soil Sci. Soc. Philippines. J. 4:47-49. First Q.1952. 56.9 So35

64343 HÄRLE, A. Die wichtigsten krankheiten und schädlinge an kulturpflanzen im jahre 1950 im bereich der Bundesrepublik Deutschland. Nachrbl. des Deut. Pflanzenschutzdienstes 3:149-157. Oct.1951. 442.9 B832

64344 HASHIOKA, Y. Studies of rice plant disease abroad. (In Japanese.) Jap. J. Plant Protect. 24:23-30. Ref. June 1951. 421 J27

64345 HILDEBRAND, E. M. Terminology in phytopathology. (Abs.) Phytopathology 42:283. May 1952. 464.8 P56

64346 HOLZ, W. Berechnung der mittelmengen bei verwendung von gespannspritzen mit vermindertem flüssigkeitsausstoss. Praxis u. Forsch. 4:66-67. May 20,1952. 18 P89
Germany.

64347 HÖNL. Die hagel- und überschwemmungsschäden in Württemberg-Baden 1951. Statis. Monatsh. Württemberg-Baden 6:98-99. Mar.1952. 265 St24

64348 HORBER, E. Die bekämpfung der schädlinge im acker- und futterbau. Schweiz. Landwirt. Monatsh. 30:48-74. Ref. Feb.20,1952. 17 Sch93

64349 INOUE, R. About white-potato seed inspection. (In Japanese.) Jap. J. Plant Protect. 24:18-22. June 1951. 421 J27

64350 JANES, R. L., ANDREWS, E. A., and MERRILL, L. G., JR. Insect and disease control on vegetables and truck crops. Mich. State Col. Agr. Ext. B. 312,40 p. Mar.1952. 275.29 M58B

64351 JENKINS, W. A. Some factors influencing the behavior of disease-resistant fluecured tobaccos during the 1951 growing season. (Abs.) Phytopathology 42:284. May 1952. 464.8 P56

64352 KALCHSCHMID, W. Zur frage der rentabilität der sommerspritzungen im obstbau. Pflanzenschutz 4:4-6. Jan.1952. 464.8 P48

64353 KAWAMURA, T. On "prohibition." (In Japanese.) Jap. J. Plant Protect. 21:3-12. Ref. Mar.1951. 421 J27
Plant quarantines.

64354 KERLING, L. C. P. Damage and attack by fungi as consequences of late frosts on peas. (In Dutch.) Tijdschr. over Plantenziekten 58:29-54. Ref. Mar./Apr. 1952. 464.8 T44
English summary.

64355 KESSLER, B. Grenzkontrolle zum schutze des pflanzenbaues. Landwirt. Z. der Nord-Rheinprov. 119:479-480. May 10,1952. 18 L2344
For disease and pest control.

64356 KING, N. J. The control of cane disease. (Sum.) Prod. Rev. 42(6):39-40. Apr.15,1952. 23 P942
Queensland.

64357 KOCH, L. W., and HILDEBRAND, A. A. An occurrence of a gummosis of sugar beets in Ontario in 1951. Plant Dis. Rptr. 36:196-197. May 15,1952. 1.9 P69P
Resembles bacterial gummosis in some respects.

64358 KORDES, W. Immunzüchtung bei rosen. Deut. Baumsch. 4:90,92-94. Apr.1,1952. 80 D486

64359 LAMPKIN, G. F. Some experiences with rose diseases and insects in Florida. Amer. Rose Annu. 37: 179-182. 1952. 81 Am31A

64360 MARR, G. Schädlingsbekämpfung im obstbau; die spritzpläne des Pflanzenschutzamtes. Landwirt. Z. der Nord-Rheinprov. 119:480-482. May 10,1952. 18 L2344
Diseases and pests.

64361 MARR, R., and BURGESS, W. M. 1950-51 winter damage. Amer. Rose Annu. 37:74-78. 1952. 81 Am31A
In Ohio.

64362 MARTYN, E. B. Diseases of economic plants in Trinidad and Tobago. Agr. Soc. Trinidad & Tobago. J. 51:475-491,493-494,496-506. Ref. Dec.1951. 8 T73

64363 MARYLAND. UNIVERSITY. COLLEGES OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. Sprays for home fruit plantings. Md. Agr. Col. Ext. B. 125,rev.,13 p. Apr.1952. 275.29 M36B

64364 MASSEY, L. M. Keeping roses healthy! Amer. Rose Mag. 10(4):14-19. Apr.1952. 80 Am327A

64365 MAURER, K. J. Frostplatten sind heimtückisch! Obstbau 71:35-36. Mar.1,1952. 80 Ob73

64366 MERTIN, J. V. Plant quarantine survey in the Northern Territory. Austral. Inst. Agr. Sci. J. 18: 27-32. Mar.1952. 23 Au74

64367 MIDDLETON, J. T., KENDRICK, J. B., JR., and HALL, B. J. Parasitic and nonparasitic diseases of celery in southern California. Plant Dis. Rptr. 36:188-193. May 15,1952. 1.9 P69P

64368 MOORE, W. C. Principles underlying plant import and export regulations. Plant Pathol. 1:15-17. Mar.1952. 464.8 P692
Great Britain.

64369 MORI, N. Plant-quarantine of U. S. A. (In Japanese.) Jap. J. Plant Protect. 21:39-41. Mar.1951. 421 J27

64370 MUNGOMERY, R. W. Maryborough-Bauple District quarantine against chlorotic streak disease. Queensland. Bur. Sugar Expt. Sta. Cane Growers' Q. B. 15:89-90. Jan.1,1952. 65.9 Q3C

64371 NAPHTALI, J. How to prevent damage caused to crops by sparrows and bulbuls. (In Hebrew.) Hassadeh 32:155-158,210-212. Dec.1951-Jan.1952. 26 H27

64372 ØHLERS, H. Cost per 1000 liters of sprays of various kinds, etc., used in fruit culture. (In Danish.) Erhvervsfrugtavleren 18:152-155. Mar.1952. 80 Er3

64373 PASS, H. Grâce aux pulvérisations modernes. Ferme 13(8):8-9,90. Apr.1952. 7 F38
Fruit.

64374 PEARCH, L. C. The evolution of low volume fruit spraying. Fruit-Grower 2921:1077-1078. Dec.20, 1951. 80 F941

64375 PERDRIAU, M. La protection sanitaire du pommier dans l'Est des U. S. A. Rev. Hort. 124:653-657. Feb.1952. 80 R32

64376 PHILLIPS, W. M., STEPHENS, M. N., and WORDEN, A. N. Observations on the rabbit in West Wales. Nature [London] 169:869-870. May 24,1952. 472 N21
As pests.

64377 POTAPENKO, IA. I. Protection of vineyards against spotty necrosis. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):33-37. Aug.1951. 95.8 V77

64378 POULOS, P. L., and HEUBERGER, J. W. Relation of wounds to the fruit rot phase of the brown rot disease [Monilinia fructicola] of peaches. Plant Dis. Rptr. 36:198-200. May 15,1952. 1.9 P69P

64379 RAINERI, C. Along the road of scientific research: plant diseases, antibiotics and humus. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(38):6-7. May 7,1952. 281.8 Ag3

64380 SARRABAY, J. Le dessèchement des feuilles de vigne. Rev. Agr. de l'Afrique du Nord 49:892-894. Dec.14,1951. 80 R326

64381 SCARAMUZZI, G. Clarification of "saw-tooth" chlorosis of peach leaves. (In Italian.) Riv. della Ortoflorofrutticolt. Ital. 36:95-99. Mar./Apr.1952. 86 R22
English summary.

64382 SCHENK, P. J. A couple of new (?) tomato diseases. (In Flemish.) Cult. en Handel 18:213-214. Apr.1952. 80 C892

64383 SCHIPSTRA, K. Bestrijding van plantenziekten, schadelijke dieren en onkruiden in de landbouw [Control of plant diseases, pests and weeds in agriculture]. Ed. 2, rev. Netherlands. Plantenziektenk. Dienst. Verslagen en Meded. 116:121. Mar.1952. 464.9 W122

64384 SCHRADER. Warum enttäuschten pflanzenschutzmassnahmen? Hannoversche Land- u. Forstwirt. Ztg. 104:1133. Dec.8,1951. 18 H194

64385 SEMENIUK, G., and VESTAL, E. F. Leaf diseases of corn in Iowa in 1951. Plant Dis. Rptr. 36:171-177. Ref. May 15,1952. 1.9 P69P

64386 SMITH, N. M. Chlorotic streak disease in the Maryborough area. Queensland. Bur. Sugar Expt. Sta. Cane Growers' Q. B. 15:90-92. Jan.1,1952. 65.9 Q3C

64387 SØRENSEN, A. Mist spraying. (In Danish.) Erhvervsfrugtavleren 18:155-156. Mar.1952. 80 Er3
Of fruit.

64388 STAHL, M. Infektionskrankheiten unserer kulturpflanzen. Kosmos 48:87-91. Feb.1952. 474 K842

64389 STEPHAN, F. Spritzkalender für den obstbau. Bauer 5(16):12-13. Apr.19,1952. 19 B32

64390 STURROCK, D. Frost protection for young mango trees. In Florida Mango Forum. Mango studies, p.47-49. Stuart,1951. 93.45 F66

64391 TAYLOR, J. Some north Georgia apple production problems. (Abs.) Phytopathology 42:288. May 1952. 464.8 P56
Diseases.

64392 THOMPSON, H. V., and ARMOUR, C. J. Rabbit repellents for fruit trees. Plant Pathol. 1:18-22. Ref. Mar.1952. 464.8 P692

64393 TISDALE, W. B. What's new in plant pathology. Plant Dis. Rptr. 36:208-210. May 15,1952. 1.9 P69P

64394 TJALLINGII, F. Control of seedling diseases of cucumbers. (In Dutch.) Groenten en Fruit 7:736-738. Mar.27,1952. 80 G89

64395 TSUBOI, Y. Studies on wind injury to wheat. 1. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7: 15-16. Dec.1951. 340.9 So1

64396 VAUGHN, J. R., and KLOMPARENS, W. Drugs on the green. Golf Course Rptr. 20(2):5-7. Mar./Apr. 1952. 60.18 G83
Disease control.

64397 VERHOEVEN, W. B. L. Ziekten, selectie en keuring van aardappelen [Diseases, selection and inspection of potatoes]. Ed. 4, rev. Wageningen,Veenman,1951. 140 p. 464.045 V58

64398 WENKEL, F. Versuche mit "morkit" und "VO 4279" zur abschreckung von vögeln vom frass an ölsaaten und getreide. Höfchen-Briefe f. Wiss. u. Praxis 4:227-234. 1951. 464.8 H67

64399 WILLIAMS, D. H. For dusting enthusiasts—improve your coverage. Amer. Rose Mag. 10(4):21-22. Apr.1952. 80 Am327A

64400 YAGI, J. Quarantine policy for imported cereals. (In Japanese.) Jap. J. Plant Protect. 24:1-17. June 1951. 421 J27

64401 ZEUMER, H. Anerkennung und anwendung von winterspritzmitteln. Nachrbl. des Deut. Pflanzenschutzdienstes 3:187-189. Dec.1951. 442.9 B832

Diseases Caused by Fungi

64402 ADYANTHAYA, N. R., and RANGASWAMI, G. Distribution of silica in relation to resistance to 'blast' disease in rice. Madras Agr. J. 39:198-204. Ref. Mar. 1952. 22 M262
Blast disease of rice is caused by Piricularia oryzae.

64403 ALDO, P. The chestnut crisis on an international plane. (In Italian.) Ricerca Sci. 22:202-209. Feb.1952. 475 It1
English summary.
Endothia parasitica.

64404 ALLISON, J. L. Rhizoctonia solani, a foliage pathogen of forage legumes and grasses in southeastern United States. (Abs.) Phytopathology 42:281. May 1952. 464.8 P56

64405 ANDES, J. O. Fungicides for turnip-green leafspot [Cercosporella albomaculans] control. (Abs.) Phytopathology 42:281-282. May 1952. 464.8 P56

64406 ANGELL, H. R. Seedling blight. VI. The effect of mixtures of unsterilized soils, and of reinfesting steamed soils, on seedling blight [Pythium] of poppies and peas. Austral. J. Agr. Res. 3:128-136. Apr.1952. 23 Au783

64407 ARMSTRONG, G. M., and ARMSTRONG, J. K. Physiologic races of the Fusaria causing wilts of the Cruciferae. Phytopathology 42:255-257. Ref. May 1952. 464.8 P56

64408 ATKINS, J. G., JR. Forage crop Rhizoctonia cross inoculation tests. (Abs.) Phytopathology 42:282. May 1952. 464.8 P56

64409 AZAB, Y. E., and CHILTON, S. J. P. Studies on inheritance of resistance to red rot disease [Physalospora tucumanensis] of sugarcane. (Abs.) Phytopathology 42:282. May 1952. 464.8 P56

64410 BARNETT, H. L., LILLY, V. G., and TRUE, R. P. Oak wilt fungus in the laboratory. W. Va. Agr. Expt. Sta. B. 349(2):4-5. Mar.1952. 100 W52
Causal fungus, Chalara quercina.

64411 BATCHELOR, L. D., and CALAVAN, E. C. Longevity of lemon trees; long-term selection experiments indicate strains least likely to decline or develop shell bark. Calif. Agr. [Calif. Sta.] 6(3):9-10. Mar.1952. 100 C12Cag

64412 BAZAN DE SEGURA, C. Experiencias sobre el hongo T. basicola que ataca al algodonera. Mensajero Agr. 70:24. Feb.1952. 9.8 M52
Thielaviopsis basicola.

64413 BLUMER, S. Nochmals die kupferspritzungen im weinbau. Schweiz. Z. f. Obst- u. Weinbau 61:212. May 31,1952. 80 Sch9

64414 BOYLE, L. W. Factors to be integrated in control of Southern blight [Sclerotium rolfsii] on peanuts. (Abs.) Phytopathology 42:282. May 1952. 464.8 P56

64415 CHLORANIL a coined name for the fungicidal chemical tetrachloro-para-benzoquinone. Phytopathology 42:288. May 1952. 464.8 P56

64416 CICCARONE, A. Soil fumigation for control of Verticillium. (In Italian.) Italia Agr. 89:270-272. Apr. 1952. 16 It1
In peppers.

64417 COSTA, J. J. Un nuevo producto para evitar la carie de los cereales: el hexacloruro de bencene. Rev. Argentina de Agron. 19:44-51. Mar.1952. 9 R327

64418 CROXALL, H. E., and JENKINS, J. E. E. Apple and pear scab spraying trials in the West Midlands. 1951. Worcestershire Agr. Chron. 20:145,147,149. Feb/May 1952. 10 W892

64419 DAVIS, L. H. The Heterosporium disease of California poppy [Eschscholtzia californica]. Mycologia 44:366-376. Ref. May/June 1952. 450 My66

64420 DONA DELLE ROSE, A. On the biology and control of beet Cercospora. (In Italian.) Mondo Agr. 3(17):4. Apr.27,1952. 16 M74

64421 DU PLESSIS, S. J., and NORTJE, J. H. Vatbaarheid van variëteite van koring en rog en van grassoorte vir Ophiobolus graminis Sacc [Susceptibility of wheat, rye and grass varieties to Ophiobolus graminis Sacc]. Union So. Africa. Dept. van Landb. Wetensk. Pam. 328,19 p. May 29,1951. 24 So84Sd

64422 EARHART, R. W., and SHANDS, H. L. Oat varietal responses to infection by Helminthosporium avenae Eid. Agron. J. 44:234-238. Ref. May 1952. 4 Am34P

64423 EDWARDS, R. W., and HARTMAN, E. A simple technique for collecting fungus specimens from infected surfaces. Lloydia 15:39. Mar.1952. 442.8 L77

64424 EMILSSON, B. Potato scab. (In Swedish.) Försök och Forsk. 9:25-26. Apr./May 1952. 11 F77

64425 ENDE, G. VAN DEN. Leaf blotch of poplars caused by Septotinia populiperda Waterman & Cash. (In Dutch.) Tijdschr. over Plantenziekten 58:54-59. Mar./Apr.1952. 464.8 T44
English summary.

64426 EVANS, J. A. Manzate on tomatoes and potatoes. Food Packer 33(6):40,52,54. June 1952. 286.83 C165
Manganese ethylenebisdithiocarbamate, a fungicide.

64427 FELIX, E. L. Crown rot of strawberry. (Abs.) Phytopathology 42:283. May 1952. 464.8 P56

64428 FELIX, E. L. Rhizoctonia blight of strawberry. (Abs.) Phytopathology 42:283. May 1952. 464.8 P56

64429 FISCHER, F. Massnahmen gegen das kastaniensterben im Tessin. Schweiz. Z. f. Forstw. 103:103-106. Mar.1952. 99.8 J82
From Endothia parasitica.

64430 FLIPSE, L. P. Control of scab. (In Dutch.) Fruitteelt 42:369. May 1,1952. 86 N28
On fruit.

64431 GAUDINEAU, M. Les maladies cryptogamiques du maïs. Actualités Agron. Sér. B, Amélior. des Plantes 1:119-128. 1951. 14 F8499A

64432 GEDDES, C. H. Resistance of roses to Diplocarpon rosae—the cause of blackspot. Amer. Rose Annu. 37:188-197. Ref. 1952. 81 Am31A

64433 GERHOLD, N. R., and HENDERSON, W. J. Relief from alfalfa killers in sight. Farm & Home Res. [Colo. Sta.] 2(6):4-5. Mar./Apr.1952. 100 C712Co
Pythium debaryaniuum.

64434 GHILLINI, C. A., and MEZZINI, L. A case of silverleaf of peaches. (In Italian.) Riv. di Frutticolt. 14: 65-73. Apr.1952. 80 R52
English summary.
Melanospora stysanophora found internally and externally.

64435 GODOY, E. F., and BRUNI, O. Ciclo evolutivo de las royas del lino (Melampsora lini) y del maíz (Puccinia sorghi) en la Argentina. Rev. Argentina de Agron. 19:21-34. Ref. Mar.1952. 9 R327

64436 GONCALVES, R. D. Canker and brown rot of peach. (In Portuguese.) Colheit. e Mercados 8:9-10. Jan./Feb.1952. 255.3 Sa652
Caused by Cladosporium carpophilum and Sclerotinia cinerea.

64437 GULÍAEV, V. V. Treatment of pine seeds [for Fusarium and Alternaria]. (In Russian.) Lesn. Khoz. 4 (7):53-54. July 1951. 99.8 L5622

64438 HALPIN, J. E., HANSON, E. W., and DICKSON, J. G. Studies on the pathogenicity of seven species of Pythium on red clover seedlings. Phytopathology 42:245-249. Ref. May 1952. 464.8 P56

64439 HANSON, E. W. Seedling blights and foot rots of wheat in the spring wheat region of northern United States. Minn. U. Sum. Ph. D. Theses 5:36-38. 1951. 241.8 M66

64440 HARE, W. W. Reaction of cowpea varieties to Fusarium wilt. (Abs.) Phytopathology 42:283. May 1952. 464.8 P56

64441 HASSEBRAUK, K. Die einwirkung neuzeitlicher kontaktinsektizide auf die braunrostanfälligkeit von weizenkeimpflanzen. Nachrbl. des Deut. Pflanzenschutzdienstes 3:161-164. Ref. Nov.1951. 442.9 B832

64442 HEMER. Fehlstellen im klee. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:643-644. Apr.24, 1952. 18 L2346
Sclerotinia trifoliorum.

64443 HERMANT, E. La fusariose de la pomme de terre. B. Hort. (n.s.)7:49-52. Feb.1,1952. 80 B873

64444 HIRT, R. R. Foliage rust of pine and cedar. Horticulture 30:231. June 1952. 80 H787
Coleosporium on Pinus and Juniperus.

64445 HIRT, W. Die bekämpfung der erdäpfelseuche. Schweiz. Bauer 106(62):1-2. May 30,1952. 17 Sch95
Phytophthora infestans.

64446 HIRT, W., GUNTHART, E., and MUHLETHALER, P. Rationelles kartoffelspritzen. Grüne 80: 546-549. May 16,1952. 17 Sch9
For control of Phytophthora infestans in Switzerland.

64447 HOLLOMAN, A. Correlation of laboratory fungicidal assay and field disease control. (Abs.) Oreg. Acad. Sci. Proc. 2:81-82. 1948-51. 500 Or3

64448 HVASS, J. Douglas fir and Phaeocryptopus gäumanni. (In Danish.) Dansk Skovfor. Tidsskr. 37:97-107. Mar.1952. 99.8 D23

64449 ISSA, E. Venturia inaequalis on apples. (In Portuguese.) Soc. Rur. Bras. Rev. 32(374):66,68. Mar. 1952. 9.2 B733

64450 JEFFERS, W. F. Downy mildew [Peronospora antirrhini] of snapdragon found in Maryland. Plant Dis. Rptr. 36:211. May 15,1952. 1.9 P69P

64451 JOHNSON, G., and SCHAAL, L. A. Relation of chlorogenic acid to scab resistance in potatoes. Science 115:627-629. Ref. June 6,1952. 470 Sci2

64452 JOHNSON, J. R. The effects of a series of seed protectants on repression of fungi in and on corn seed and their effect on growth of seedling corn. (Abs.) Phytopathology 42:284. May 1952. 464.8 P56

64453 JOHNSON, L. F., and WHEELER, H. E. The effect of Actinomycetes antibiotic to Pythium arrhenomanes in plate cultures on root rot of sugarcane and corn (Abs.) Phytopathology 42:284. May 1952. 464.8 P56

64454 JOHNSON, T. Cultural variability in Septoria avenae Frank. Canad. J. Bot. 30:318-330. May 1952. 470 C16C

64455 JØRGENSEN, E., and PETERSEN, B. B. More on Fomes annosus and Hylesinus piniperda. (In Danish.) Dansk Skovfor. Tidsskrift 37:213-218. Apr.1952. 99.8 D23

64456 KATSURA, K. On the dry rot of pomegranate fruit. (In Japanese.) Jap. J. Plant Protect. 24:33-37. June 1951. 421 J27
Zythia versoniana.

64457 KEDING, F. Untersuchungen zur erfassung des steinbrandbefalles an weizen. Saatgut-Wirt. 4:13-15. Jan.1952. 61.8 Sa1

64458 KELMAN, A., and HEBERT, T. T. Evaluation of techniques for inoculating corn with Physoderma maydis. (Abs.) Phytopathology 42:284-285. May 1952. 464.8 P56

64459 KHROBRYKH, N. D. Little-known disease of potatoes. (In Russian.) Selek. i Semen. 19(1):27-30. Jan.1952. 61.9 Se5
Spondylocladium atrovirens.

64460 KILPATRICK, R. A. Fungi associated with soybean seeds within the pods at Stoneville, Mississippi, in 1951. (Abs.) Phytopathology 42:285. May 1952. 464.8 P56

64461 KLINKOWSKI, M., and HOFFMANN, G. Eine methode zur schorfresistenzprüfung der kartoffel. Züchter 22:92-94. 1952. 442.8 Z8

64462 KRISHNASWAMI, C. S. Influence of nitrogen, phosphorus and potash on the incidence of blast disease of rice. Madras Agr. J. 39:205-214. Mar.1952. 22 M262

64463 KURIBAYASHI, K. On new injurious diseases of anzu "Haplosporella. n. sp." (In Japanese.) Jap. J. Plant Protect. 21:27-29. Mar.1951. 421 J27

64464 LAFON. Le traitement du mildiou de la vigne sans cuivre. Prog. Agr. et Vitic. 137:285-287. May 18/25,1952. 14 P94

64465 LARGE, E. C. Surveys for choke (Epichloe typhina) in cocksfoot seed crops, 1951. Plant Pathol. 1: 23-28. Mar.1952. 464.8 P692

64466 LEHMAN, S. G. Results of dusting tests for reduction of fungus damage to seed cotton. (Abs.) Phytopathology 42:285. May 1952. 464.8 P56

64467 LEHMAN, S. G. Survival of the purple seed stain fungus [Cercosporina kikuchii] in soybean seeds. (Abs.) Phytopathology 42:285. May 1952. 464.8 P56

64468 LEKANDER, B., MATHIESEN, A., and RENNERFELT, E. Om almsjukan samt råd och anvisningar för dess bekämpande [The Dutch elm disease as well as advice and direction for its control]. Sweden. Stat. Skogsforskinst. Flygbl. 65,8 p. 1951. 99.9 Sw32F

64469 LOHWAG, K. Pignolifäule. Österr. Gesell. f. Holzforsch. Mitt. 3:128-129. Dec.1951. 99.9 Os72
Stereum frustulosum and Polyporus sulfureus on oak.

64470 LUC, M. Présence de Puccinia polysora sur le maïs en Côte d'Ivoire. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:194-195. Mar./Apr.1952. 26 R323

64471 LUCAS, G. B., and MOORE, E. L. Black shank control in tobacco plant beds. (Abs.) Phytopathology 42:285-286. May 1952. 464.8 P56

64472 LUDBROOK, W. V., and BROCKWELL, J. Control of dollar spot of turf in Canberra, A. C. T. Austral. Inst. Agr. Sci. J. 18:39-40. Mar.1952. 23 Au74
Sclerotinia homeocarpa.

64473 LUKE, H. H. Fungi antagonistic to Pythium arrhenomanes isolated from Louisiana sugarcane soils. (Abs.) Phytopathology 42:286. May 1952. 464.8 P56

64474 LUTTRELL, E. S., and WEIMER, J. L. Macrophomina stem canker and ashy stem blight of cowpea. Plant Dis. Rptr. 36:194-195. May 15,1952. 1.9 P69P

64475 MACHACEK, J. E. Tests of newer seed treatments - 1951. Plant Dis. Rptr. 36:178-179. May 15, 1952. 1.9 P69P

64476 MCKEEN, W. E. Phialophora radicicola Cain, a corn rootrot pathogen. Canad. J. Bot. 30:344-347. May 1952. 470 C16C

64477 MCKNIGHT, T. A wilt disease of the passion vine (Passiflora edulis) caused by a species of Fusarium. Queensland J. Agr. Sci. 8:1-4. Mar.1951. 23 Q37

64478 MASSEY, C. W. The anthracnose disease of roses. Amer. Rose Annu. 37:198-207. 1952. 81 Am31A

64479 MERCIER, J. La pourriture grise de la salade. Cour. Hort. 14:154-155. Mar.1952. 80 C834

64480 MICHAELIS, W. Rhizoctonia. Praxis u. Forsch. 4:53. Apr.20,1952. 18 P89
Potatoes.

64481 MIÈGE, E. Nouveautés dans la lutte contre les mildious. Inform. Marocaine 590:1,4. May 3,1952. 281.8 In3
Grapes.

64482 MIÈGE, E. L'oïdium. Inform. Marocaine 592:1,3. May 17,1952. 281.8 In3
On grapes.

64483 MIELKE, J. L. The rust fungus Cronartium filamentosum in Rocky Mountain ponderosa pine. J. Forestry 50:365-373. Ref. May 1952. 99.8 F768

64484 NARAYAN, G., and RAO, B. S. The ageing of bordeaux mixture. Indian Acad. Sci. Proc. Sect. A 34: 391-395. Dec.1951. 513 In25

64485 NEUNER, J. Praktische peronosporabeobachtung. Landwirtschaft 9/10:155-156. May 1952. 19 L235
On grapes in Austria.

64486 NEW SOUTH WALES. DEPT. OF AGRICULTURE. BIOLOGICAL BR. DIV. OF SCIENCE SERV. Anthracnose [Gloeosporium] or ripe rot of fruits. N. S. Wales. Dept. Agr. Plant Dis. L. 3,3 p. 1951. 464.9 N47

64487 NEW SOUTH WALES. DEPT. OF AGRICULTURE. BIOLOGICAL BR. DIV. OF SCIENCE SERV. Sooty mould. N. S. Wales. Dept. Agr. Plant Dis. L. 21, 2 p. 1951. 464.9 N47

64488 NUSBAUM, C. J., LUCAS, G. B., and CHAPLIN, J. F. Estimating the inoculum potential of Phytophthora parasitica var. nicotianae in the soil. (Abs.) Phytopathology 42:286. May 1952. 464.8 P56

64489 NUSBAUM, C. J. Host-parasite relations of Phytophthora parasitica var. nicotianae in roots of resistant and susceptible tobacco varieties. (Abs.) Phytopathology 42:286. May 1952. 464.8 P56

64490 OSWALD, J. W., and WRIGHT, D. N. Potato scab. (Excerpts.) West. Grower & Shipper 23(7):65-66. June 1952. 280.38 W52

64491 OWEN, J. H. Pathogenicity of an undescribed Sclerotium sp. (Abs.) Phytopathology 42:286. May 1952. 464.8 P56

64492 PEÑA DURÁN, R. La melanosis en los frutales cítricos. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Agr. 42(195):26. Jan./Mar.1952. 8 R323

64493 PIERRE-LOUIS, F. La maladie de la sigatoka sur le bananier musque (Musa paradisiaca) en Haiti. B. Agr. 1(8):3-5. June 1951. 8 B87

64494 PIERRE-LOUIS, F. Le problème de la variation chez les microorganismes. B. Agr. 1(9):4-5. Aug. 1951. 8 B87
With particular reference to Ustilago zeae.

64495 PLAKIDAS, A. G. White rust [Albugo occidentalis] of spinach in Louisiana. Plant Dis. Rptr. 36:211. May 15,1952. 1.9 P69P

64496 POTEBNIA, N. A. Spottiness of leaves of Fraxinus and Caragana arborescens. (In Russian.) Lesn. Khoz. 4(7):32-33. July 1951. 99.8 L5622
Caused by Septoria spp. and Phyllosticta.

64497 REED, H. E. Cereal root-rot studies in Tennessee. (Abs.) Phytopathology 42:287. May 1952. 464.8 P56

64498 ROANE, C. W., and STARLING, T. M. Scald [Rhynchosporium secalis] resistance in Oldambster barley. Plant Dis. Rptr. 36:212-213. May 15,1952. 1.9 P69P

64499 ROBERTS, D. A., and WEBER, G. F. Seasonal relations of silky thread blight, Rhizoctonia ramicola W. & R. (Abs.) Phytopathology 42:287. May 1952. 464.8 P56

64500 ROTH, E. R. Eradication and thinning tests for Nectria and Strumella canker control in Maryland. (Abs.) Phytopathology 42:287. May 1952. 464.8 P56

64501 SABOE, L. C. The inheritance of reaction to Ustilago zeae (Beck.) Ung. in Zea mays. Minn. U. Sum. Ph. D. Theses 5:27-28. 1951. 241.8 M66

64502 SHARP, E. L., and SMITH, F. G. Preservation of Puccinia uredospores by lyophilization. Phytopathology 42:263-264. May 1952. 464.8 P56

64503 SIBILIA, C. It is time to control fruit tree parasites. (In Italian.) Agricoltura 1(1):48-51. Jan. 1952. 16 Ag8226
Fungus diseases.

64504 SMITH, A. L., and DICK, J. B. The inheritance of resistance to Fusarium wilt in upland and Sea Island cotton. (Abs.) Phytopathology 42:287-288. May 1952. 464.8 P56

64505 SNIJDERS, J. H. Soil protection and blister blight. (In Dutch.) Bergcultures 21:139,141,143,145. Apr.1,1952. 22.5 B45
Tea.

64506 SÖRGEL, G. Über die ursachen der unterschiedlichen resistenz verschiedener erbsensorten gegenüber den fusskrankheitserregern Ascochyta pisi Lib., Ascochyta pinodella Jones und Mycosphaerella pinodes (Berk. et Blox.) Stone. I. Züchter 22:4-26. Ref. 1952. 442.8 Z8

64507 STAPEL, C. The Berberis bush in prosperity and adversity. (In Danish.) Dansk Landbr. 71:218-219. May 8,1952. 280.28 V91
Chiefly on control.

64508 STEFANO, M. DEL R. Chestnut bark canker in the province of Massa and Carrara. (In Italian.) Cam. di Com. Indus. e Agr. di Massa e Carrara. B. Econ. 6: 21-24. Feb.1952. 287 M38
Endothia parasitica.

64509 STEVENSON, F. J., and others. Late blight immunity in the potato. Phytopathology 42:277-280. Ref. May 1952. 464.8 P56
F. S. Schultz, R. V. Akeley, and L. C. Cash, joint authors.

64510 STOREY, I. F. Tackle cobweb disease early. Grower [London] 37:1099,1101. May 10,1952. 286.83 M34
Caused by Dactylium dendroides in mushrooms.

64511 STORY, C. G. Pineapple disease [Ceratostomella paradoxa] in the Mackay District. Queensland. Bur. Sugar Expt. Sta. Cane Growers' Q. B. 15:92-95. Jan.1,1952. 65.9 Q3C

64512 THIEL, J. Some observations on the fungus infection of plants. (In Flemish.) Cult. en Handel 18: 230-232. Apr.1952. 80 C892

64513 TILEMANS, E. Les nouveautés en phytopharmacie (II) les nouveaux fongicides et herbicides. Sillon Belge 22(506):9. Apr.26,1952. 13 Si3

64514 TIXIER, P. Oidium des Heveas. Cour. Agr. 17(5):2. Mar.5,1952. 24 C83

64515 TORGESON, D. C. The Phytophthora root rots of Chamaecyparis. (Abs.) Oreg. Acad. Sci. Proc. 2: 81. 1948-51. 500 Or3

64516 TYNER, L. E., and RUSSELL, R. C. Control of loose smut in barley by tetrachloro-para-benzoquinone (Spergon-SL). Plant Dis. Rptr. 36:180-181. May 15,1952. 1.9 P69P

64517 URRIES AZARA, M. J. DE. Razas fisiológicas de Puccinia graminis tritici en España. Madrid,1951. 56 p. 462.062 Ur7

64518 VALLEAU, W. D. Breeding tobacco for immunity to black shank. (Abs.) Phytopathology 42:288. May 1952. 464.8 P56

64519 VANDERWALLE, R. Le piétin du froment. Rev. de l'Agr. 5:367-371. Apr.1952. 13 R322
English summary.

64520 VIENNOT-BOURGIN, G. Les rouilles du Strophanthus sarmentosus en Afrique Occidentale et Equatoriale Française. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32(351/352):2-14. Jan./Feb.1952. 26 R323

64521 WALTER, J. M., REX, E. G., and SCHREIBER, R. The rate of progress and destructiveness of canker stain of planetrees. Phytopathology 42:236-239. Ref. May 1952. 464.8 P56
Caused by Endoconidiophora fimbriata platani.

64522 WATERMAN, A. M., and ALDRICH, K. F. Surface sterilization of poplar cuttings. Plant Dis. Rptr. 36: 203-207. May 15,1952. 1.9 P69P

64523 WENZL, H. Die therapeutische bekämpfung des apfelschorfes (Venturia inaequalis). Pflanzenschutzberichte 8:75-92. Ref. Apr.1952. 464.9 P48
English summary.

64524 WESTON, W. A. R. D., and SCHOFIELD, E. R. Control of millet smut by seed disinfection. Plant Pathol. 1:29-30. Mar.1952. 464.8 P692

64525 WHITE, I., and WOLF, F. T. Preliminary report on some nutritional requirements of Chalara quercina. (Abs.) Phytopathology 42:288. May 1952. 464.8 P56

64526 WILES, A. B. A seedling inoculation technique for testing cotton varieties for resistance to Verticillium wilt. (Abs.) Phytopathology 42:288. May 1952. 464.8 P56

64527 WILSON, C. G., and GRAU, F. V. 1951 national cooperation turf fungicide trials. Golf Course Rptr. 20 (2):8-10,12-13. Mar./Apr.1952. 60.18 G83

64528 YOUNG, H. C., JR., and WADSWORTH, D. F. Experimental forecast of wheat leaf rust in Oklahoma for 1952. Plant Dis. Rptr. 36:213. May 15,1952. 1.9 P69P

64529 ZENTMYER, G. A., and MUNNECKE, D. E. Phytophthora root rot of nursery stock. Plant Dis. Rptr. 36:211-212. May 15,1952. 1.9 P69P

64530 ZOBRIST, L., and HOFFMANN, E. Der zwetschgenrost und seine bekämpfung. Schweiz. Z. f. Obst- u. Weinbau 61:169-173. May 3,1952. 80 Sch9
Tranzschelia prunispinosae.

Diseases Caused by Bacteria

64531 BRAUN, A. C. Plant cancer. Sci. Amer. 186 (6):66-68,70,72. June 1952. 470 Sci25
The tumorous growth of plants called crown gall is analogous to malignant animal tumors.

64532 DAME, F. Zum vorkommen des walnussbakterienbrandes, verursacht durch Pseudomonas juglandis Pierce. Nachrbl. des Deut. Pflanzenschutzdienstes 3:164. Nov.1951. 442.9 B832

64533 DEMAREE, J. B., and SMITH, N. R. Nocardia vaccinii n. sp. causing galls on blueberry plants. Phytopathology 42:249-252. May 1952. 464.8 P56

64534 JENKINS, H. B. Crown gall (Bacterium tumafaciens). Grower [Adelaide] 6(5):18,39. Nov.1951. 80 G912
On almonds.

64535 KELMAN, A. Evaluation of resistance to Pseudomonas solanacearum in tobacco under greenhouse conditions. (Abs.) Phytopathology 42:284. May 1952. 464.8 P56

64536 KLINKOWSKI, M., and KÖHLER, H. Möglichkeiten der entseuchung fettfleckenkranken bohnensaatgutes durch antibiotica. Deut. Landwirt. 3:198-201. Apr. 1952. 18 D4822
Pseudomonas medicaginis.

64537 MCEWEN, D. M. Cancerous response in plants. Nature [London] 169:839. Ref. May 17,1952. 472 N21

64538 MASTENBROEK, C. Control of oil spot disease in field beans. (In Dutch.) Cent. Bur. Meded. 36:49-50. Apr.1952. 12 N287
Bacterial disease in the Netherlands.

64539 SABET, K. A. A discussion on the cause of the bacterial die-back and canker disease of poplar. Nederland. Boschbouw-Tijdschr. 24:126-129. May 1952. 99.8 N28

64540 SELISKAR, C. E. Wetwood organism in aspen, poplar, is isolated. Farm & Home Res. [Colo. Sta.] 2(6): 6-11,19-20. Mar./Apr.1952. 100 C712Co
Corynebacterium humiferum.

64541 STAPP, C. Fortgeführte untersuchungen über die widerstandsfähigkeit deutscher kartoffelsorten gegen den bakteriellen erreger der schwarzbeinigkeit und knollennassfäule. Nachrbl. des Deut. Pflanzenschutzdienstes 3:185-187. Dec.1951. 442.9 B832

Viruses and Virus Diseases

64542 ABBOTT, E. V. Stability of strains of sugarcane mosaic virus. (Abs.) Phytopathology 42:281. May 1952. 464.8 P56

64543 AZAB, Y. E., and CHILTON, S. J. P. Transmission of mosaic resistance to progenies in crosses between certain sugarcane varieties. (Abs.) Phytopathology 42:282. May 1952. 464.8 P56

64544 BAUDET, J., and others. Variation of the size and of the size distribution of tobacco mosaic virus particles depending on the method of preparation. Faraday Soc. Discuss. 11:236-246. 1951. 382 F22D
O. Croissant, D. G. Dervichian, M. Joly, and J. Mossé, joint authors.

64545 BAWDEN, F. C. Reducing losses from virus diseases. Gard. Illus. 69:163-164. June 1952. 80 G169

64546 BERCKS, R. Fortgeführte freilanduntersuchungen über die altersresistenz von zwei kartoffelsorten gegen das X-virus. Züchter 22:85-91. 1952. 442.8 Z8

64547 BERKELEY, G. H., and WEINTRAUB, M. Turnip mosaic. Phytopathology 42:258-260. Ref. May 1952. 464.8 P56

64548 BITTERS, W. P., and PARKER, E. R. Quick decline studies; top-root relationships of citrus investigated in experiments to salvage susceptible orchard trees. I. Calif. Agr. [Calif. Sta.] 6(3):7,15. Mar.1952. 100 C12Cag

64549 BRIERLEY, P. Indexing the Beltsville mums. Florists' Rev. 110(2843):19-20,108-111. May 22,1952. 80 W41
A practical method for selecting virus-free plants.

64550 BRIERLEY, P. A method of selecting virus-free plants. South. Florist & Nurseryman 65(10):82-87. May 30,1952. 80 So86
Chrysanthemums.

64551 BROCK, R. D. The use of trisodium phosphate as an inactivating agent for plant viruses. Austral. Inst. Agr. Sci. J. 18:41-43. Mar.1952. 23 Au74

64552 BRUER, H. L., and SHEPARD, C. E. Wild plum in relation to the control of phony disease [of peach]. (Abs.) Phytopathology 42:282. May 1952. 464.8 P56

64553 CHILDS, J. F. L. Cachexia disease, its bud transmission and relation to xyloporosis and to tristeza. Phytopathology 42:265-268. Ref. May 1952. 464.8 P56

64554 COSTA, A. S., GRANT, T. J., and MOREIRA, S. Bud-take of healthy and tristeza-infected citrus buds. Phytopathology 42:280-281. May 1952. 464.8 P56

64555 COSTA, A. S. Concentration of Brazilian tobacco streak virus in infected plants. Phytopathology 42:231-236. Ref. May 1952. 464.8 P56

64556 FENNE, S. B., and ROANE, C. W. Wheat mosaic in Virginia. Plant Dis. Rptr. 36:212. May 15, 1952. 1.9 P69P

64557 FRASER, L. Seedling yellows, an unreported virus disease of citrus. Agr. Gaz. N. S. Wales 63:125-131. Mar.1952. 23 N472

64558 GOIDANICH, G. Grave danger to fruit culture: virus diseases. (In Italian.) Gior. di Agr. 62:159. May 25,1952. 16 It1G
Italy.

64559 HARRIS, M. R. Yellows virus complex plagues strawberry growers. Better Fruit 46(12):12,23, 25. June 1952. 80 B46

64560 JENKINS, W. A. A lethal (virus) disease of fluecured tobacco, new to the old belt. (Abs.) Phytopathology 42:284. May 1952. 464.8 P56

64561 KENKNIGHT, G. Comparison of a phloroglucinol test with the acid one for phony. (Abs.) Phytopathology 42:285. May 1952. 464.8 P56

64562 KRISTENSEN, H. R. Mosaic disease of stock. (In Danish.) Gart.-Tid. 68:194-195. May 19,1952. 80 G192

64563 MCCLEAN, A. P. D. Cauliflower mosaic and cabbage black ringspot. Farming So. Africa 27:251-253. Apr.1952. 24 So842

64564 MCKINNEY, H. H. Two strains of tobacco-mosaic virus, one of which is seed-borne in an etch-immune pungent pepper. Plant Dis. Rptr. 36:184-187. May 15,1952. 1.9 P69P

64565 MALKIN, J. Tristeza—a disease of citrus trees. (In Hebrew.) Hassadeh 32:134-136. (Concl.) Dec.1951. 26 H27

64566 OSWALD, J. W., and HOUSTON, B. R. A greenbug, Toxoptera graminum Rond., a vector of the cereal yellow-dwarf virus. Plant Dis. Rptr. 36:182-183. May 15,1952. 1.9 P69P

64567 PASFIELD, G. Tomato spotted wilt. Agr. Gaz. N. S. Wales 63:138-144. Mar.1952. 23 N472
Control of Thrips tabaci, the common vector of spotted wilt.

64568 PERSONS, T. D. Phony peach disease—a review of organized control from 1929 to 1951 and the effect of recent developments on future control programs. (Abs.) Phytopathology 42:286-287. May 1952. 464.8 P56

64569 POLLARD, E., and DIMOND, A. E. Effect of deuteron bombardment on the serology of tobacco mosaic virus. (Sum.) Phys. Rev. (ser.2)86:612. May 15,1952. 334.8 P56

64570 POSNETTE, A. F. New vectors of strawberry viruses. Nature [London] 169:837-838. May 17,1952. 472 N21

64571 QUANTZ, L. Die wichtigsten viruskrankheiten der heimischen leguminosen. Saatgut-Wirt. 4:34-37. Ref. Feb.1952. 61.8 Sa1

64572 RANKIN, H. W. Progress report on internal cork of sweetpotatoes. (Abs.) Phytopathology 42:287. May 1952. 464.8 P56

64573 ROBERTS, E., and RAMASARMA, G. B. Amino acids of turnip yellow mosaic virus. Soc. Expt. Biol. & Med. Proc. 80:101-103. May 1952. 442.9 So1

64574 SHEPARD, C. E., and BRUER, H. L. The incidence of phony disease in plum thickets as related to proximity of infected peach orchards. (Abs.) Phytopathology 42:287. May 1952. 464.8 P56

64575 SLAGLE, C. W., WOLCYRZ, S., and PRICE, W. C. Inhibition of plant virus infection by growth products of Neurospora. Phytopathology 42:240-244. Ref. May 1952. 464.8 P56

64576 SLAGG, C. M. Tuber symptoms of calico [Marmor medicaginis solani]. Amer. Potato J. 29:123-124. May 1952. 75.8 P842

64577 STAPP, C., and BARTELS, R. Ein weiterer beitrag zum serologischen nachweis des X-virus in kartoffeldunkelkeimen. (Vorläufige mitteilung). Nachrbl. des Deut. Pflanzenschutzdienstes 3:145-147. Oct.1951. 442.9 B832

64578 SWENSON, K. G. Aphid transmission of a strain of alfalfa mosaic virus. Phytopathology 42:261-262. May 1952. 464.8 P56

64579 VAN DER PLANK, J. E., and O'CONNOR, C. F. Datura ferox: a test plant for potato virus Y. Amer. Potato J. 29:125-126. May 1952. 75.8 P842

64580 WALLACE, J. M. Don't forget psorosis. Calif. Citrog. 37:319,330-331. June 1952. 80 C125

Diseases Caused by Nematodes

64581 ALLEN, M. W. Root-knot and root-lesion nematodes; soil fumigation reduces infestations but can not be used in growing orchards or vineyards. Calif. Agr. [Calif. Sta.] 6(5):8-9,14. May 1952. 100 C12Cag

64582 COOPER, W. E. Control of peanut root knot [Meloidogyne hapla] by soil fumigation and by crop rotation. (Abs.) Phytopathology 42:282-283. May 1952. 464.8 P56

64583 GOFFART, H. Zur frage der verwendbarkeit von E 605 in der nematodenbekämpfung. Nachrbl. des Deut. Pflanzenschutzdienstes 3:164-167. Nov.1951. 442.8 B832

64584 HOLDEMAN, Q. L., and GRAHAM, T. W. The association of the sting nematode with some persistent cotton wilt spots in northeastern South Carolina. (Abs.) Phytopathology 42:283-284. May 1952. 464.8 P56

64585 LAWLOR, N., JR. Field control of sugar beet nematode. Crystal-ized Facts Sugar Beets 6(2):15-16. Apr.1952. 66.8 C88

64586 LOWNSBERY, B. F. Tobacco attacked by a species of Heterodera in Connecticut. U. S. Bur. Ent. & Plant Quar. Coop. Econ. Insect Rpt., Spec. Rpt. 1:59-61. Oct.26,1951. 1.967 A2C782

64587 WEBER, A. P., ZWILLENBERG, L. O., and LAAN, P. A. VAN DER. A predacious amœboid organism destroying larvae of the potato root eelworm and other nematodes. Nature [London] 169:834-835. May 17, 1952. 472 N21

ECOLOGY

64588 BEETLE, A. A. A relic area on the Wyoming shortgrass plains. J. Range Mangt. 5:141-143. May 1952. 60.18 J82

64589 BRAUN-BLANQUET, J. Pflanzensoziologie; grundzüge der vegetationskunde. Ed. 2, rev., and enl. Wien,Springer,1951. 631 p. 463.8 B73

64590 BRENNER, L. G., JR. Forest quadrat studies at the arboretum and observations on forest succession. Mo. Bot. Gard. Ann. 39:165-172. May 1952. 451 M69

64591 DUCHAUFOUR, P. Les espèces forestières calcicoles et calcifuges. Rev. Forest. Franç. 5:301-305. May 1952. 99.8 R329

64592 ELAGIN, I. N., MATVEEVA, A. A., and ZVORYKINA, K. V. Differences in the development of vegetation in plantations of early and late forms of oak [Quercus robur]. (In Russian.) Akad. Nauk SSSR. Dok. 84:165-168. May 1,1952. 511 P444A

64593 GOODALL, D. W. Quantitative aspects of plant distribution. Cambridge Philos. Soc. Biol. Rev. 27:194-245. Ref. May 1952. 442.9 C14

64594 GORHAM, E. Variation in some chemical conditions along the borders of a Carex lasiocarpa fen community. Oikos 2:217-240. Ref. 1950,pub.1952. 410 Oi4

64595 HAYWARD, C. L. Alpine biotic communities of the Uinta Mountains, Utah. Ecol. Monog. 22:93-120. Ref. Apr.1952. 410 Ec72

64596 HOLDSWORTH, M. Effect of goats on Great Island, Three Kings: the permanent quadrats resurveyed. Auckland Inst. & Mus. Rec. 4:113-121. Dec.19,1951. 514 Au22R

64597 HUNZIKER, T. Zum einfluss der bodenflora auf die natürliche föhrenverjüngung. Schweiz. Z. f. Forstw. 103:47-48. Jan./Feb.1952. 99.8 J82

64598 KARPINSKI, J. J. Situation, achievements and prospects for the development of forest bioecology in Poland on the ground of its world position, achievements and development. (In Polish.) Sylwan 95:32-46. Ref. Jan./Mar.1951. 99.8 Sy52
Russian summary.

64599 KÖNEMANN, E. Uber die pflanzensoziologie im obstbau. Bebauet die Erde 21:21. 1951. 18 B38

64600 MCVEAN, D. N. Ecology of Molinia pastures with particular reference to their invasion by Polytrichum commune. Brit. Grassland Soc. J. 7:21-27. Ref. Mar.1952. 60.19 B773

64601 MOLINIER, R. Carte des groupements végétaux de l'Ile de Port-Cros (Var). Rev. Forest. Franç. 5: 342-348. May 1952. 99.8 R329

64602 PECK, M. E. Invasionof exotic plants and their economic significance in Oregon. (Abs.) Oreg. Acad. Sci. Proc. 2:2. 1948-51. 500 Or3

64603 ROACH, A. W. A preliminary report on the phytosociology of the Nash Crater lava flows, Linn County, Oregon. (Abs.) Oreg. Acad. Sci. Proc. 2:53. 1948-51. 500 Or3
Forest ecology.

64604 SILLANS, R. Contribution a l'étude phytogéographique des savanes du Haut-Oubangui. Mus. Nat. d'Hist. Nat. B. (ser.2)23:542-547. (Cont.) Oct.1951. 410.9 P213

64605 SPEIDEL, B. Die abhängigkeit der wichtigsten grünlandgräser von der höhenlage und der bodenreaktion in Hessen. Grünland 1:42-45. In Tierzüchter 4(11). June 5,1952. 49 T445

64606 TURMEL, J. M. Liaisons Europe-Afrique et biogeographie des Eryngium (Ombelliferes). Soc. de Biogéog. Compt. Rend. 28:57-60. Mar./May 1951. 505 P216

64607 TURNER, I. G. Observation on the flora of some walls near the school. Blundell's Sch. Sci. Soc. Mag. 6:55-59. 1951. 410 B62

64608 VOUTE, A. D. Investigation of communities. I. (In Dutch.) T.N.O.-Nieuws 7:116-119. Apr.1952. 475 T11
Forest ecology.

MORPHOLOGY, ANATOMY, AND CYTOLOGY

64609 ALEKSANDROV, V. G. An example of convergence in the organization of fruits, representatives of the Pomoideae and Prunoideae subfamilies of the Rosaceae family. (In Russian.) Akad. Nauk SSSR. Dok. 84: 157-160. May 1,1952. 511 P444A

64610 ALPATOV, V. V. Sinistrorse and dextrorse spirals in plant vessels. (In Russian.) Priroda 40(11): 59-60. Ref. Nov.1951. 410 P933

64611 AMMAL, E. K. J., and SELIGMAN, R. Notes on the occurrence of chromosome races in Dianthus monspessulanus in northern Italy. Roy. Hort. Soc. J. 77:221-223. June 1952. 84 L84J

64612 AUSTRALIA. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION. DIV. OF FOREST PRODUCTS. The occurrence of a special form of heartwood crystal in certain timbers. I, by M. M. Chattaway. South Melbourne,1951. 10 p. (Its Project W.S. 7) 99.79 Au7Inv

64613 BAUMEISTER, G. Wie unterscheide ich blüten- und blattknospen bei meinen obstbäumen? Obstbauversring. Mitt. 7:26-30. Feb.1952. 85 J76

64614 BÜNNING, E. Über die differenzierungsvorgänge in der Cruciferenwurzel. Planta 39:126-153. Ref. 1951. 450 P693

64615 CALVINO, E. M. A rare case of the formation of adventitious corms on the stems of hybrid Gladiolus. (In Italian.) Riv. della Ortoflorofrutticolt. Ital. 36: 63-66. Mar./Apr.1952. 86 R22
English summary.

64616 COVAS, G. Número de cromosomas de las especies de "Hordeum." Rev. Argentina de Agron. 19: 52-53. Mar.1952. 9 R327

64617 DATTA, R. M. On the haploid chromosome number of Oryza sativa Linn-var- plena- ("double rice"). Sci. & Cult. 17:441. Apr.1952. 475 Sci24

64618 DUCHAIGNE, A. L'ontogénie des collenchymes chez les dicotylédones. Acad. des Sci. Compt. Rend. 234: 1903-1905. May 5,1952. 505 P21

64619 DUMANSKII, A. V., and ISHLINSKII, A. IU. On regularities of bark cracking on trees. (In Russian.) Akad. Nauk SSSR. Dok. 84:161-164. May 1,1952. 511 P444A

64620 GESSNER, F., and VOLZ, G. Die kutikula der hydropoten von Nymphaea. Planta 39:171-174. Ref. 1951. 450 P693

64621 GLUMOV, G. A. Two-story onion. (In Russian.) Priroda 40(11):60. Nov.1951. 410 P933

64622 HAMEL, J. L. Note sur le noyau et les chromosomes somatiques du Pringlea antiscorbutica R. Br. ex Hook. f. Mus. Natl. d'Hist. Nat. B. (ser.2)23:548-551. Oct.1951. 410.9 P213

64623 HARADA, H., KISHIMA, T., and KADITA, S. The micellar orientation in the secondary wall of coniferous tracheids. II. (In Japanese.) Wood Res. 6:34-42. Mar.1951. 99.82 W8524

64624 HIRAOKA, T. Observational and experimental studies of meiosis with special reference to the bouquet stage. VIII. Cytologia 16:335-340. Ref. Feb.1952. 442.8 C99
In plants.

64625 HOHENSTATTER, E. Vorkommen von phytomelanen in den wurzeln von Arnica montana. Mitt. f. Moor- u. Torfwirt. 1:46-47. June 1951. 60.1 M69

64626 ISHIJIMA, K. Cytological studies on Penicillium. III. (In Japanese.) J. Antibiotics 4:568-569. Dec. 1951. 396.8 J824

64627 JONES, L. E. Male fruit bud development in Pistacia vera L. (Abs.) Oreg. Acad. Sci. Proc. 2:52. 1948-51. 500 Or3

64628 KAIMAL, K. N. The bark of the mature rubber tree; the structure and functions of the principal tissues. Indian Rubber Bd. B. 1:25-38. Apr./June 1951. 78.9 In22 Hevea.

64629 KAUSSMANN, B. Morphologische und anatomische studien an Schizocapsa plantaginea Hance. Planta 39:91bis-104bis. Ref. 1951. 450 P693

64630 KHUDÍAK, M. I. New data on cell formation in the endosperm of spring wheats. (In Russian.) Akad. Nauk SSSR. Dok. 83:143-145. Ref. May 1,1952. 511 P444A

64631 LEBÈGUE, A. Polyembryonie chez le Tellima grandiflora Pursh. (R. Br.). Soc. Bot. de France. B. 98: 264-265. 1951. 451 F84B

64632 LEWIN, R. A. The primary zygote membrane in Chlamydomonas moewusii. J. Gen. Microbiol. 6:249-250. May 1952. 448.3 J823

64633 MCQUADE, H. A. The induction of parthenocarpy in Petunia. Mo. Bot. Gard. Ann. 39:97-112. Ref. May 1952. 451 M69

64634 MAGNE, F. Sur la cytologie d'une Chrysophycée marine vivant en aquarium, Ochrosphaera neapolitana Schussnig. Rev. Gén. de Bot. 59:231-240. Ref. May 1952 450 R326

64635 MATSUMURA, S. Chromosome analysis of the Dinkel genome in the offspring of a pentaploid wheat hybrid. I-II. Cytologia 16:265-287,307-314. Ref. Feb.1952. 442.8 C99

64636 MAZZOLANI, G. Observations on the development of the buds of the olive (Olea europaea L.). (In Italian.) Olivicoltura 7(1):4. Jan.1952. 80 OL42

64637 MOEWUS, F., and WOLFSCHLAG, U. Über grössenunterschiede von pollenkörnern und narbenpapillen bei einigen heterostylen pflanzen. Z. f. Natforsch. 7b: 196-197. Mar.1952. 474 Z3

64638 NORTHCOTE, D. H., and HORNE, R. W. The chemical composition and structure of the yeast cell wall. Biochem. J. 51:232-236. Ref. May 1952. 382 B52

64639 OHLENDORF, A. Zytologische untersuchungen an weizen—quecken—bastarden. Züchter 22:34-59. 1952. Ref. 442.8 Z8

64640 PHOUPHAS, C. Nouvelles observations embryogéniques sur les Impatiens. Soc. Bot. de France. B. 98:238-241. 1951. 451 F84B

64641 POINDEXTER, J. Comparative morphology of the foliar appendages in certain of the Opunteae. Desert Plant Life 24:7-14. Ref. Jan.1952. 450 D45

64642 POPHAM, R. A., and CHAN, A. P. Origin and development of the receptacle of Chrysanthemum morifolium. Amer. J. Bot. 39:329-339. Ref. May 1952. 450 Am36

64643 RIVIÈRE, S. Le cambium intra-fasciculaire de l'anthère de lis (Lilium candidum). Rev. Gén. de Bot. 59: 209-230. Ref. May 1952. 450 R326

64644 RUNNER, D. K., and SMITH, F. H. The structure and development of the storage root of Humulus lupulus L. (Abs.) Oreg. Acad. Sci. Proc. 2:80. 1948-51. 500 Or3

64645 SAINCLIVIER, M. Arguments caryologiques sur les Sporobolomyces. Soc. Bot. de France. B. 98:255-258. 1951. 451 F84B

64646 SOUÈGES, R. Embryogénie des Zygophyllacées. Développement de l'embryon chez le Tribulus terrestris L. Acad. des Sci. Compt. Rend. 234:1817-1820. May 5,1952. 505 P21

64647 STEFFEN, K. Zur kenntnis des befruchtungsvorganges bei Impatiens glanduligera Lindl. Cytologische studien am embryosack der Balsamineen. Planta 39:175-244. Ref. 1951. 450 P693

64648 TRIVEDI, B. S., and NIGAM, P. N. Some abnormal flowers of Bauhinia acuminata Linn. Sci. & Cult. 17:438-439. Apr.1952. 475 Sci24

64649 UNGER, J. W. Vascular development and transition in Echinacea purpurea. Mich. Acad. Sci. Arts & Let. Papers 36:39-52. Ref. 1950,pub.1952. 500 M582

64650 VAN FLEET, D. S. Histochemical localization of enzymes in vascular plants. Bot. Rev. 18:354-398. Ref. May 1952. 450 B6527

64651 VÖTH, W. Eine seltsame blütenbildung. Gart.-Z. Illus. Flora 75:57-58. May 1952. 80 G1991 In Crassula falcata.

64652 WETTER, C. Über die luftwurzeln von Oleandra. Planta 39:471-475. Ref. 1951. 450 P693

64653 YAMAZAKI, M. Studies on the "Chinese-yeast-cakes"—"chu'ü" III. Classification of Rhizopus species, isolated from the yeast-cakes of China. (In Japanese.) Utsunomiya U. Col. Agr. B. 1:283-294. Mar.1951. 107.6 Ut7B English summary.

64654 YUASA, A. Studies in the cytology of Pteridophyta. XXIX. Does the spermatozoid accompany the plastid in fertilization? Cytologia 16:347-351. Ref. Feb. 1952. 442.8 C99

64655 ZEEUW, A. DE. Parthenocarpy in peaches? (In Dutch.) Netherlands. Dir. van de Tuinbouw. Meded. 15:192-194. Apr.1952. 86 N384 English summary.

GENETICS

64656 BAKER, R. E. Inheritance of fruit characters in the strawberry. J. Hered. 43:9-14. Jan./Feb.1952. 442.8 Am3

64657 BLEIER. Die lehren Mitschurins und Lyssenkos in ihrer bedeutung für die pflanzenzucht. Übersicht 3(3):41-44. Mar.1952. 18 Ub3

64658 BROWN, M. S., and MENZEL, M. Y. Polygenomic hybrids in Gossypium. I. Cytology of hexaploids, pentaploids and hexaploid combinations. Genetics 37:242-263. Ref. May 1952. 442.8 G28

64659 BUTLER, L. The linkage map of the tomato. J. Hered. 43:25-35. Ref. Jan./Feb.1952. 442.8 Am3

64660 CAMERON, D. R. Inheritance in Nicotiana tabacum. XXIV. Intraspecific differences in chromosome structure. Genetics 37:288-296. May 1952. 442.8 G28

64661 COOLHAAS, C. Large-scale use of F_1 hybrids in "Vorstenlanden" tobacco. Euphytica 1:3-9. Feb.1952. 450 Eu6

64662 CROSBY, H. W. Cymbidium I'Ansonii. Amer. Orchid Soc. B. 21:257-259. Mar.1952. 80 Am329

64663 DERMEN, H. Polyploidy in the apple found seven years after colchicine treatment. J. Hered. 43:7-8. Jan./Feb.1952. 442.8 Am3

64664 DERMEN, H. A tetraploid sport of Delicious apple from Idaho. J. Hered. 43:8. Jan./Feb.1952. 442.8 Am3

64665 DMITRIEV, V. S. Problems in evolution of species and control of weeds. (In Russian.) Sovet. Agron. 10(4)17-27. Apr.1952. 20 So84 Study of Bromus secalinus and rye.

64666 DOWRICK, G. J. The origin of new varieties of the garden Chrysanthemum. (Abs.) Heredity 6:135. Apr.1952. 443.8 H42

64667 FISHER, R. A. Statistical methods in genetics. Heredity 6:1-12. Apr.1952. 443.8 H42 Bateson lecture at John Innes Institute.

64668 FYFE, J. L., and BAILEY, N. T. J. Plant breeding studies in leguminous forage crops. I. Natural cross-breeding in winter beans. J. Agr. Sci. 41:371-378. Oct.1951. 10 J822

64669 GRAHAM, T. W. Variation and variability in Helminthosporium gramineum. Minn. U. Sum. Ph. D. Theses 5:35-36. 1951. 241.8 M66

64670 HAAN, H. DE. Periclinal chimeras in bud sports. (In Dutch.) Euphytica 1:49-56. Ref. Feb.1952. 450 Eu6 English summary.

64671 HAAN, H. DE. Periodicals on plant breeding. (In Dutch.) Euphytica 1:60-61. Feb.1952. 450 Eu6 English summary.

64672 HAAS, F., and others. A series of histidineless mutants of Neurospora crassa. Genetics 37:217-226. Ref. May 1952. 442.8 G28 M. B. Mitchell, B. N. Ames, and H. K. Mitchell, joint authors.

64673 HANSON, A. A., and HANSON, R. G. Abnormal petiole and petiolule development in red clover. J. Hered. 43:58-60. Jan./Feb.1952. 442.8 Am3

64674 HEMMONS, L. M., PONTECORVO, G., and BUFTON, A. W. S. Perithecium analysis in Aspergillus nidulans. (Abs.) Heredity 6:135. Apr.1952. 443.8 H42

64675 HOSODA, T. Maternal inclination observed in the bolting of inter-varietal F_1 hybrids of Japanese radish (preliminary note). (In Japanese.) Utsunomiya U. Col. Agr. B. 1:179-184. Mar.1951. 107.6 Ut7B English summary.

64676 HOUTZAGERS, G. Forest genetics and poplar breeding in the Netherlands. I. The difference between breeding work in forestry and agriculture or horticulture. Euphytica 1:10-14. Ref. Feb.1952. 450 Eu6

64677 HOWARD, H. W., and SWAMINATHAN, M. S. Species differentiation in the Section Tuberarium of Solanum with particular reference to the use of interspecific hybridisation in breeding. Euphytica 1:20-28. Ref. Feb.1952. 450 Eu6

64678 JACOBS, K. F. Colchicine treatment of rice. (In Dutch.) Landbk. Tijdschr. 64:155-162. Ref. Mar. 1952. 105.2 Or3
English summary.

64679 JINKS, J. L. Heterocaryosis in wild Penicillium. Heredity 6:77-87. Apr.1952. 443.8 H42

64680 JOHN, C. A., and WILSON, J. D. A "Gingko leafed" mutation in the cucumber. J. Hered. 43:47-48. Jan./Feb.1952. 442.8 Am3

64681 KEKUKH, A. M. Vegetative and soil "mentor" in potato selection for canker resistance. (In Russian.) Selek. i Semen. 19(1):21-27. Ref. Jan.1952. 61.9 Se5

64682 LEWIS, D., and CROWE, L. K. Male sterility as an outbreeding mechanism in Origanum vulgare. (Abs.) Heredity 6:136. Apr.1952. 443.8 H42

64683 MCELROY, W. D. Evidence for the occurrence of intermediates during mutation. Science 115:623-626. June 6,1952. 470 Sci2

64684 MAINS, E. B. Inheritance in Cucurbita pepo. Mich. Acad. Sci. Arts & Let. Papers 36:27-30. 1950,pub. 1952. 500 M582

64685 MAZOTI, L. B. Irreversibilidad relativa de la variación citoplásmica heredable inducida por el gene ij (variegado) del maíz. Rev. Argentina de Agron. 19:35-38. Mar.1952. 9 R327

64686 MITCHELL, M. B., and MITCHELL, H. K. A case of "maternal" inheritance in Neurospora crassa. Natl. Acad. Sci. Proc. 38:442-449. Ref. May 1952. 500 N21P

64687 MOORE, R. J. An interspecific hybrid in Buddleja. J. Hered. 43:41-45. Jan./Feb.1952. 442.8 Am3

64688 REES, H. Asynapsis and spontaneous chromosome breakage in Scilla. Heredity 6:89-97. Ref. Apr. 1952. 443.8 H42

64689 RÜDIGER, W. Die theoretischen grundlagen und die wirtschaftliche bedeutung der pflanzenzüchtung. Kosmos 48:72-74. Feb.1952. 474 K842

64690 RUDORF, W., and SCHWARZE, P. Polyploidieeffekte bei Datura tatula. Planta 39:36-64. Ref. 1951. 450 P693

64691 RYZHEĬ, I. P. Obtaining branching winter wheat from common soft wheat by rearing. (In Russian.) Dostizheniîa Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1: 77-79. Jan.1952. 20 D742
Experiment by Kirgizskaîa Selektsionnaîa Stantsiîa.

64692 SCHMIDT-HOENSDORF, H. Polyploidie. Tierärztl. Umschau 7:176. May 1952. 41.8 T445
Of plants and animals.

64693 SCHWARTZ, I. Ein neues pfropfungsrätsel. Orion 7:151-153. Feb.1952. 474 Or4
Vegetative hybridization and genetics.

64694 SEN, N. K. Isochromosomes in tomato. Genetics 37:227-241. Ref. May 1952. 442.8 G28

64695 SHENG, T. C., and SHENG, G. Genetic and non-genetic factors in pigmentation of Neurospora crassa. Genetics 37:264-269. Ref. May 1952. 442.8 G28

64696 SKVIRSKAÍA, S. B. Change in dormancy period of potato tubers during vegetative hybridization. (In Russian.) Priroda 40(11):60-61. Nov.1951. 410 P933

64697 STANTON, W. R. Bolting, a vegetative variation in the potato. Heredity 6:37-53. Ref. Apr.1952. 443.8 H42

64698 SWANSON, C. P. The effect of supplementary factors on the radiation-induced frequency of mutations in Aspergillus terreus. J. Cell. & Compar. Physiol. 39 (sup.1):27-38. Ref. Mar.1952. 444.8 J822

64699 THIELKE, C. Über die möglichkeiten der periklinalchimärenbildung bei gräsern. Planta 39:402-430. Ref. 1951. 450 P693

64700 THIJN, G. A. Ancestors and offspring of the potato variety Katahdin. (In Dutch.) Euphytica 1:57-59. Feb.1952. 450 Eu6
English summary.

64701 WAGENAAR, G. A. W., SCHOUWENBURG, J. C. VAN, and SIREGAR, H. Semi-sterility of rice hybrids in Indonesia in relation to the Indica-Japonica problem. Indonesia. Gen. Agr. Res. Sta. Contrib. 127,21 p. Ref. Jan.1952. 109.5 Ea73

64702 WELLENSIEK, S. J. The theoretical basis of the polycross test. Euphytica 1:15-19. Ref. Feb.1952. 450 Eu6

64703 ZWAAN, A. R. The importance of the variability in breeding. (In Dutch.) Zaadbelangen 6:65-66. Mar. 31,1952. 61.8 Z1
Plants.

PHYSIOLOGY

64704 ADAMS, D. F., and others. Atmospheric pollution in the ponderosa pine blight area, Spokane County, Washington. Indus. & Engin. Chem. 44:1356-1365. Ref. June 1952. 381 J825
D. J. Mayhew, R. M. Gnagy, E. P. Richey, R. K. Koppe, and I. W. Allen, joint authors.

64705 AGATI, G. Study and observation of the floral biology of the onion. (In Italian.) Riv. della Ortofloro-frutticolt. Ital. 36:67-77. Ref. Mar./Apr.1952. 86 R22
English summary.

64706 AXELROD, B., and BANDURSKI, R. S. Oxidative metabolism of hexose phosphates by higher plants. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:182. Mar.1952. 442.9 F31P

64707 BANGA, O. Some observations on the influence of the length of day on the leaf growth of red garden beets. Euphytica 1:43-48. Ref. Feb.1952. 450 Eu6

64708 BASU, S. N. Chaetomium brasiliensis Batista & Pontual; nutritional requirements for growth and fruiting. J. Gen. Microbiol. 6:199-204. Ref. May 1952. 448.3 J823

64709 BENSEND, D. W. The effect of nitrogen on the growth and drought resistance of Jack pine seedlings grown in sand cultures and in nursery soil. Minn. U. Sum. Ph. D. Theses 5:29-34. 1951. 241.8 M66

64710 BENSON, A. A., and others. The path of carbon in photosynthesis. XV. Ribulose and sedoheptulose. J. Biol. Chem. 196:703-716. Ref. June 1952. 381 J824
J. A. Bassham, M. Calvin, A. G. Hall, H. E. Hirsch, S. Kawaguchi, V. Lynch, and N. E. Tolbert, joint authors.

64711 BOAWN, L. C., and VIETS, F. G., JR. Zinc deficiency of alfalfa in Washington. Agron. J. 44:276. May 1952. 4 Am34P

64712 BOER, W. DEN, and STAALDUINE, D. VAN. Physiogenic diseases of cauliflower. (In Dutch.) Groenten en Fruit 7:861-862. May 8,1952. 80 G89

64713 BOGEN, H. J. Über kappenplasmolyse und vakuolenkontraktion. I. Planta 39:1-35. Ref. 1951. 450 P693

64714 BOURIQUET, R. Recherches sur l'action du chlorhydrate de n-méthyl-n-phénylglycocolle sur les plantules de blé et de radis cultivées aseptiquement. Soc. de Biol. Compt. Rend. 145:1844-1846. Dec.1951. 442.9 P21

64715 BRADBURY, D., and ENNIS, W. B., JR. Stomatal closure in kidney bean plants treated with ammonium 2,4-dichlorophenoxyacetate. Amer. J. Bot. 39: 324-328. May 1952. 450 Am36

64716 BRAIN, E. D. Seasonal variation in the response to gravity of Lupinus polyphyllus seedlings. New Phytol. 51:48-55. Apr.1952. 450 N42

64717 BÜNNING, E. Der tagesperiodische verlauf der substanzproduktion und speziell der zellulosesynthese in beziehung zur photoperiodischen reaktionsweise. Planta 39:460-470. 1951. 450 P693
Experiment with soybeans and peas.

64718 BUSSMANN, G. Herbstfarben. Leben u. Umwelt 8:134-137. Mar.1952. 410 L59

64719 BYLDA, A. Z. On the annual developmental cycle in fruit plants. (In Russian.) Priroda 41(2):106-107. Feb.1952. 410 P933

64720 CARLES, J., and others. Le saccharose et le maïs hybride. Acad. des Sci. Compt. Rend. 234:1899-1901. May 5,1952. 505 P21
L. Soubiès, R. Gadet, and P. Maury, joint authors.

64721 CHOUARD, P. Premières recherches sur la néoténie expérimentalement provoquée par le photopériodisme chez les plantes à fleurs. Soc. Bot. de France. B. 98:273-276. 1951. 451 F84B

64722 CLAUSS, H. Kritische untersuchungen über den kressewurzeltest von Moewus. Z. f. Natforsch. 7b: 112-117. Feb.1952. 474 Z3
Test for growth substances.

64723 COLEMAN, R. J., and NORD, F. F. Effect of certain naphthoquinones on fat formation and the utilization of 1-C^{14} acetate by Fusarium lini Bolley. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:198. Mar. 1952. 442.9 F31P

64724 COLON, I. A. La planta, el aire y el suelo. 3. Rev. del Café 7(11):12-14. May 1952. 8 R3295
Plant nutrition.

64725 COUTINHO, M. C. P. Brief notes on the secreting tissues of plants. (In Portuguese.) Agros [Lisboa] 35:33-38. Jan./Apr.1952. 15.5 Ag82

64726 CZARNOWSKI, M. In regard to investigating the winter transpiratory capacity of some poplars [Populus]. (In Polish.) Sylwan 95:338-343. Ref. July/Dec. 1951. 99.8 Sy52
Russian summary.

64727 DAIGO, Y., and MARUYAMA, E. The microclimatic observation on the method of protection of the tree trunk against cold. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:7-8. Dec.1951. 340.9 So1
English summary.

64728 DANIELSSON, C. E. A contribution to the study of the synthesis of the reserve proteins in ripening pea seeds. Acta Chem. Scand. 6:149-159. Ref. 1952. 385 Ac82

64729 DEYSSON, G. Sur les actions mitodépressive, mitostatique et mitoclasique. Soc. Bot. de France. B. 98: 258-260. Ref. 1951. 451 F84B

64730 DORMER, K. J., and BENTLEY, J. A. Some complex relationships between auxin content and leaf area in Ipomoea caerulea Koen. New Phytol. 51:116-126. Apr. 1952. 450 N42

64731 DRAKE, M., COLBY, W. G., and VENGRIS, J. Why plants differ in fertilizer needs and mineral composition. Better Crops Plant Food 36(5):13-16,42-45. May 1952. 6 B46

64732 DROZDOV, S. N. Pre-planting soaking of seeds in copper sulfate solution as a source for satisfying the copper requirements of plants. (In Russian.) Akad. Nauk SSSR. Dok. 83:929-930. Ref. Apr.21,1952. 511 P444A
Experiments with buckwheat, corn and red clover.

64733 DUHAMET, L. Action comparée du lait de coco sur une souche de tissus de carotte et sur des fragments prélevés sur des racines. Soc. de Biol. Compt. Rend. 145: 1841-1843. Dec.1951. 442.9 P21

64734 DUHAMET, L. Action du lait de coco sur la croissance des cultures de tissus de crown-gall de vigne, de tabac, de topinambour ed de scorsonére. Soc. de Biol. Compt. Rend. 145:1781-1783. Dec.1951. 442.9 P21

64735 DUHAMET, L. Action du lait de coco sur les tissus accoutumés aux hétéro-auxines de scorsonère, de tabac et de vigne. Soc. de Biol. Compt. Rend. 145:1783-1785. Dec.1951. 442.9 P21

64736 EBERTS, F. S., JR., and RIKER, A. J. Metabolism of nitrogenous compounds by sunflower tissue cultures. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11: 206. Mar.1952. 442.9 F31F

64737 EJSING, G. Boron deficiency in apple orchard. (In Danish.) Erhvervsfrugtavleren 18:27-31. Nov.1951. 80 Er3

64738 EJSING, G. Lack of boron in fruit plantings. (In Danish.) Erhvervsfrugtavleren 18:216-221. May 1, 1952. 80 Er3

64739 ELWERT, G., REINERT, J., and MITLACHER, W. Zur frage des einflusses von meterwellen auf keimungs- und wachstumsvorgänge bei pflanzen. Z. f. Natforsch. 7b:109-112. Feb.1952. 474 Z3

64740 ENDERLE, W. Tagesperiodische wachstums- und turgorschwankungen an gewebekulturen. Planta 39: 570-588. Ref. 1951. 450 P693

64741 ENGEL, H., and FRIEDERICHSEN, I. Das licht als ursache periodischer guttationsschwankungen etiolierter haferkeimlinge. Planta 39:309-337. Ref. 1951. 450 P693

64742 ENNIS, W. B., JR., WILLIAMSON, R. E., and DORSCHNER, K. P. Studies on spray retention by leaves of different plants. (Abs.) South. Weed Conf. Proc. 5:23. 1952. 79.9 So8

64743 ERNST-SCHWARZENBACH, M. Die ursachen der verminderten fertilität von Elodea-arten. Planta 39: 542-569. Ref. 1951. 450 P693

64744 ERTL, L. Über die lichtverhältnisse in laubflechten. Planta 39:245-270. Ref. 1951. 450 P693

64745 FEILER, E. Hydroponics at Beer-Orah. (In Hebrew.) Hassadeh 32:124-126. Dec.1951. 26 H27

64746 FREIBERG, S. R. Effects of an exogenous growth regulator on proteolytic enzymes of the soybean plant. Science 115:674-675. Ref. June 20,1952. 470 Sci2

64747 FROHBERGER, E. Zur wirkung der 2,4-dichlorophenoxyessigsäure auf gewebe und stoffwechsel der pflanzen. Höfchen-Briefe f. Wiss. u. Praxis 4:236-287. Ref. 1951. 464.8 H67

64748 FUJIWARA, A., and OHIRA, K. Studies on the nitrogen nutrition of riceplant. Tohoku J. Agr. Res. 2:141-152. Oct.1951. 22.5 T574

64749 GARRARD, W. M. Pre-emergence chemical application is said to cause damage to many cotton fields. Cotton Digest 24(36):9,20. May 24,1952. 286.82 C822

64750 GASSNER, G., and BAUMGARTEN, G. Das osmotische verhalten keimender weizenkörner. Züchter 22:65-79. Ref. 1952. 442.8 Z8

64751 GATES, D. M., and TANTRAPORN, W. The reflectivity of deciduous trees and herbaceous plants in the infrared to 25 microns. Science 115:613-616. Ref. June 6,1952. 470 Sci2

64752 GREEN, S. New experiences with soilless culture. (In Swedish.) Växt-Näring-Nytt 8(4):12-15. 1952. 57.8 V47

64753 GRUN, P. Effect of environment upon chromosomal pairing of some species and hybrids of Poa. Amer. J. Bot. 39:318-323. Ref. May 1952. 450 Am36

64754 GUNAR, I. I., KRASTINA, E. E., and BRIUSHKOVA, K. A. Effect of 2,4-dichlorophenoxyacetic acid on sunflower metabolism at different temperatures. (In Russian.) Akad. Nauk SSSR. Dok. 84:173-176. Ref. May 1,1952. 511 P444A

64755 HAAS, A. R. C. Symptoms of molybdenum deficiency. Citrus Leaves 32(5):6-7,18. May 1952. 80 C492

64756 HAECKEL, A. Beitrag zur kenntnis der pollenfermente. Planta 39:431-459. Ref. 1951. 450 P693

64757 HANNIBAL, L. S. The heat factor in relation to Amaryllid flower color. Plant Life 8:142. 1952. 450 P695

64758 HARLEY, J. L., and MCCREADY, C. C. The uptake of phosphate by excised mycorrhizal roots of the beech. II. Distribution of phosphorus between host and fungus. New Phytol. 51:56-64. Apr.1952. 450 N42

64759 HARRIS, D. L. Interrelation of thiamine and pyridoxine in Neurospora. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:226. Mar.1952. 442.9 F31P

64760 HAUSZER, K. Neue erfahrungen im gartenbau. II. Höhere Bundeslehr- u. Versanst. f. Wein-, Obst- u. Gartbau. Mitt. 2:65-68. Mar.1952. 105.9 K696
English summary.
Hydroponics.

64761 HEATH, O. V. S. Studies in stomatal behaviour. II. The role of starch in the light response of stomata. 2. The light response of stomata of Allium cepa L., together with some preliminary observations on the temperature response. New Phytol. 51:30-47. Ref. Apr. 1952. 450 N42

64762 HERRERA, M. Producción de higos "Calimyrna" sin semilla. Campo [Tacuba] (ser.2)20(721): 86,88-90. Mar.31,1952. 8 C157

64763 HESSAYON, D. G. Effect of auxins on the mycelial growth of Fusarium oxysporum var. cubense. Nature [London] 169:803-804. May 10,1952. 472 N21

64764 HINKLE, D. A. Field drying of rice by chemicals. South. Weed Conf. Proc. 5:175-177. 1952. 79.9 So8

64765 HÖHN, K. Beziehungen zwischen blutung und guttation bei Zea mays. Planta 39:65-74. Ref. 1951. 450 P693

64766 HÖHN, K. Untersuchungen über den einfluss von wuchs- und hemmstoffen auf die entwicklung der hypokotylknospen von Linum usitatissimum und die kotyledonarknospen von Vicia faba. Planta 39:338-345. Ref. 1951. 450 P693

64767 HÖVERMANN, I. Über strukturveränderungen an chromozentrenkernen unter dem einfluss von aminosäuren und ähnlichen substanzen. Planta 39:480-499. Ref. 1951. 450 P693
Experiment with Impatiens balsamina and Sinapis alba.

64768 HOYMAN, W. G. Relation of water supply to xylem discoloration of potato tubers caused by vine killing. Amer. Potato J. 29:113-122. Ref. May 1952. 75.8 P842

64769 HUTCHENS, J. O., and PODOLSKY, B. Effect of nitrogen mustard on bakers' yeast. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:76. Mar.1952. 442.9 F31P

64770 ITO, H., and KATO, T. The physiological foundation of the tuber formation of potato. Tohoku J. Agr. Res. 2:1-14. Ref. Oct.1951. 22.5 T574

64771 JACOBS, W. P. The role of auxin in differentiation of xylem around a wound. Amer. J. Bot. 39:301-309. Ref. May 1952. 450 Am36

64772 JOHNSTON, H. W. Technique for obtaining aseptic seedlings. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 33(6):87-91. Apr.1952. 514 N48A

64773 JØRGENSEN, S. J. Zinc deficiency of pears. (In Danish.) Erhvervsfrugtavleren 18:12-13. Oct.1951. 80 Er3

64774 KAHL, H. Über den einfluss von schüttelbewegungen auf struktur und funktion des pflanzlichen plasmas. Planta 39:346-376. Ref. 1951. 450 P693

64775 KENKNIGHT, G. Germination inhibitor in wood and bark of peach and wild Prunus. (Abs.) Phytopathology 42:285. May 1952. 464.8 P56

64776 KIELY, T. Exanthema of citrus trees. N. S. Wales. Dept. Agr. Plant Dis. L. 19,7 p. 1951. 464.9 N47

64777 KRAMER, C., and POST, J. J. Cold and heat during development and flowering. (In Dutch.) Fruitteelt 42:340-341. Apr.24,1952. 86 N28
Fruit.

64778 KÜHLWEIN, H., and ANHAEUSSER, H. Veränderungen des gymnospermenpollens durch lagerung. Planta 39:476-479. Ref. 1951. 450 P693

64779 KULESCHA. Recherches sur l'élaboration de substances de croissance par les tissus végétaux. Rev. Gén. de Bot. 59:241-264. (Concl.) Ref. May 1952. 450 R326

64780 KUMAR, V. Studies in Carica papaya Linn. II. Sex-expression in some varieties. Indian J. Hort. 9:20-28. Ref. Mar.1952. 80 In2

64781 LAIBACH, F. Keimförderung und keimhemmung bei der kartoffel. Umschau 52:86-87. Feb.1,1952. 474 Um7

64782 LARGE, E. C., and WESTON, W. A. R. D. Ear distortion in barley and other cereals caused by spraying with MCPA and 2,4-D. J. Agr. Sci. 41:338-349. Ref. Oct.1951. 10 J822

64783 LASHUK, G. I. Relation of plant metabolism to physiological condition of the pollen. (In Russian.) Akad. Nauk SSSR. Dok. 83:931-932. Apr.21,1952. 511 P444A
Experiments with Cistus.

64784 LEIBUNDGUT, H., and KUNZ, R. Zur phänologie der laubbäume, insbesondere der buche [Fagus]. Schweiz. Z. f. Forstw. 103:29-46. Ref. Jan./Feb.1952. 99.8 J82

64785 LEOPOLD, A. C., and SCOTT, F. I. Physiological factors in tomato fruit-set. Amer. J. Bot. 39:310-317. Ref. May 1952. 450 Am36

64786 LEWIN, R. A. Ultraviolet induced mutations in Chlamydomonas moewusii Gerloff. J. Gen. Microbiol. 6: 233-248. Ref. May 1952. 448.3 J823

64787 LINDEGREN, C. C., and PALLERONI, N. J. Absence of the pre-adaptive utilization of galactose by yeasts. Nature [London] 169:879-880. May 24,1952. 472 N21

64788 LINDSTROM, E. S., NEWTON, J. W., and WILSON, P. W. The relationship between photosynthesis and nitrogen fixation. Natl. Acad. Sci. Proc. 38:392-396. May 1952. 500 N21P
Legumes.

64789 LINSER, H. Keimversuche mit adsorptionsschutz der samen in 2,4-D-behandeltem boden. Pflanzenschutzberichte 8:65-74. Apr.1952. 464.9 P48
English summary.

64790 LINSER, H. Versuche zur chromatographischen trennung pflanzlicher wuchsstoffe. Planta 39:377-401. Ref. 1951. 450 P693

64791 LOZANO, A. Embriones de maíz y su comportamiento como semillas. (Abs.) Palmira. Estac. Agr. Expt. Notas Agron. 4:56-57. Jan./Dec.1951. 102.5 P18N

64792 MCCLARY, D. O. Factors affecting the morphology of Candida albicans. Mo. Bot. Gard. Ann. 39:137-164. Ref. May 1952. 451 M69

64793 MCVEIGH, I., and HOBDY, C. J. Development of resistance by Micrococcus pyogenes var. aureus to antibiotics: morphological and physiological changes. Amer. J. Bot. 39:352-359. Ref. May 1952. 450 Am36

64794 MANIGAULT, P., and JUSSIER, J. Techniques d'étude de la répartition de la phosphatase au cours du développement des tumeurs expérimentales chez Pelargonium zonale. Soc. de Biol. Compt. Rend. 145:1788-1790. Dec.1951. 442.9 P21

64795 MARCET, E. Pollenuntersuchungen an föhren (Pinus silvestris L.) verschiedener provenienz. Schweiz. Anst. f. das Forstl. Versw. Mitt. 27:348-405. Ref. 1951. 99.9 Sch92

64796 MARIAT, F. Influence du lait de coco et du coprah sur le développement de jeunes plantules de Cattleya. Soc. Bot. de France. B. 98:260-263. 1951. 451 F84B

64797 MARTIN, F. La dégénérescence de la canne à sucre. Indus. Agr. et Aliment. 69:15-19. Jan.1952. 383 As7
English summary.
Mineral deficiency of unsufficiently lignified cuttings.

64798 MASCRÉ, M., and DEYSSON, G. Action mitoclasique du colchicoside, comparée à celle de la colchicine. Acad. des Sci. Compt. Rend. 234:1901-1903. May 5,1952. 505 P21

64799 MER, C. L. Immediate and after-effects of carbon dioxide concentration upon the growth of etiolated Avena seedlings. Nature [London] 169:887. May 24,1952. 472 N21

64800 MERKENSCHLAGER, F. Ergänzung zu dem "2,4 D-bericht" von M. Hanf. Z. f. Pflanzenbau u. Pflanzenschutz 3:37-38. 1952. 464.8 P88

64801 MERLE, P. Premières observations sur la fructification des papayers males. Fruits 7:178-179. Apr.1952. 80 F9492

64802 MIKHAILOV, N. N. Importance of fertilizers in increasing yields and rubber content in roots of koksaghyz. (In Russian.) Sovet. Agron. 10(4):66-72. Apr. 1952. 20 So84

64803 MILLER, G., and ASCHNER, M. The auxanographic responses of certain aneurin-requiring yeasts to aneurin, aneurin components and derivatives. J. Gen. Microbiol. 6:361-368. May 1952. 448.3 J823

64804 MIROSHNICHENKO, K. G. Effect of root system on growth of stems. (In Russian.) Akad. Nauk SSSR. Dok. 83:933-935. Ref. Apr.21,1952. 511 P444A
Experiments with cereals, legumes and potatoes.

64805 NASON, A. Effect of copper deficiency on isocitric dehydrogenase activity in tomato leaves. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:264. Mar. 1952. 442.9 F31P

64806 NICHOLSON, R., and NICHOLSON, F. Fluorescent bandwagon. African Violet Mag. 5(4):32. June 1952. 80 Af8

64807 NYSTERAKIS, F. Quelques observations sur l'action de l'acide-β-indole-acétique appliqué sur les vrilles des vignes. Soc. de Biol. Compt. Rend. 145:1749-1752. Ref. Dec.1951. 442.9 P21

64808 ØHLERS, H. Practical importance of growth substances in fruit culture. (In Norwegian.) Erhvervsgrugtavleren 18:186-188. Apr.1,1952. 80 Er3

64809 PASSECKER, F. Geschlechtsreife, blühwilligkeit und senilität bei holzigen gewächsen. Züchter 22: 26-33. Ref. 1952. 442.8 Z8

64810 PECK, H. Propagation vegetative. B. Agr. 1(9):6-7. Aug.1951. 8 B87

64811 PECK, H. Reproduction sexuelle et pepinières. B. Agr. 1(10):12-15. Oct.1951. 8 B87

64812 PHOUPHAS, C., and GORIS, A. Sur la modification des taux de saccharose et d'inuline sous l'influence de l'hydrazide maléique dans les tissus de topinambour cultivés in vitro. Acad. des Sci. Compt. Rend. 234:2002-2004. May 12,1952. 505 P21

64813 PIATNITSKII, S. S. In regard to the so-called periodicity of fruit-bearing in oak. (In Russian.) Lesn. Khoz. 4(8):70-75. Aug.1951. 99.8 L5622

64814 PIRONE, P. P. For improved growth treat cuttings. Pop. Gard. [Albany] 3(4):24-25. Apr.1952. 80 P812

64815 PLANT, W. Molybdenum deficiency in lettuce. Nature [London] 169:803. May 10,1952. 472 N21

64816 POHL, R. Das hemmstoff-wuchsstoffsystem des maisskutellums. Planta 39:105bis-120bis,121-125. Ref. 1951. 450 P693

64817 PRINGSHEIM, E. G., and PRINGSHEIM, O. Experimental elimination of chromatophores and eye-spot in Euglena gracilis. New Phytol. 51:65-76. Ref. Apr.1952. 450 N42
Effect of temperature.

64818 PRIOR, P. V. The effect of 2,4-D on two mosses. Bryologist 55:48-50. Mar.1952. 450 B84

64819 PYNAERT, L. L'anthocaline, facteur de la floraison. B. Hort. (n.s.)7:46-48. Feb.1,1952. 80 B873

64820 RATCLIFF, R. Y., NORMAND, W. C., and SMILIE, J. L. Cotton reactions to the application of certain aromatic oils as post-emergence sprays. South. Weed Conf. Proc. 5:88-90. 1952. 79.9 So8

64821 RAWSON, J. Nutrition of the African violet. African Violet Mag. 5(4):34,58-59. (Concl.) June 1952. 80 Af8

64822 RENNER, F. Das physiologische gleichgewicht der obstbäume. Landwirtschaft 9/10:157-158. May 1952. 19 L235

64823 RICHES, J. P., and GOODING, E. G. B. Studies in the physiology of latex. I-II. New Phytol. 51:1-29. Ref. Apr.1952. 450 N42
I, Latex flow on tapping—theoretical considerations, by J. P. Riches and E. G. B. Gooding; II, Latex flow on tapping Hevea brasiliensis: associated changes in trunk diameter and latex concentration, by E. G. B. Gooding.

64824 RODALE, R. What's wrong with your fruit? Org. Gard. 20(6):20-21,46-47. June 1952. 56.8 Or3
Possible mineral deficiency.

64825 ROODENBURG, J. W. M. High pressure mercury vapour lamp used for irradiation of plants. Roy. Hort. Soc. J. 77:219-221. June 1952. 84 L84J

64826 RUHLAND, W., and HEILMANN, U. Über die permeabilität von Beggiatoa mirabilis für anelektrolyte bei narkose mit den homologen alkoholen C_1—C_9, als beitrag zur ultrafiltertheorie. Planta 39:91-120. Ref. 1951. 450 P693

64827 SAKHAROV, M. I. Growth of plants at low temperatures. (In Russian.) Priroda 41(1):118. Jan. 1952. 410 P933

64828 SALZER, E. H. Grundsätzliche betrachtung der hydrokultur als anbaumethode des intensiv-gartenbaues. Übersicht 3(4):41-44. Apr.1952. 18 Ub3

64829 SCHAEDE, R. Über die blaualgensymbiose von Gunnera. Planta 39:154-170. Ref. 1951. 450 P693

64830 SCHMIDT, G. Tod durch die blüte. Orion 7: 350-352. May 1952. 474 Or4
Killing of insects by flower of Asclepias syriaca.

64831 SCHMITZ, J. Über beziehungen zwischen blütenbildung in verschiedenen licht-dunkelkombinationen und atmungsrhythmik bei wechselnden photoperiodischen bedingungen (untersuchungen an Kalanchoë blossfeldiana). Planta 39:271-308. Ref. 1951. 450 P693

64832 SCHNELLE, F. Entstehung von strahlungsschäden an obstbäumen. Hess. Obstbau 6:179-181. Dec. 1951. 80 G1932

64833 SCHROEDER, R. Distribución de la temperatura en una plantación de café. Cent. Nac. de Invest. de Cafe. Bibliot. B. Inform. 2(23):21-30. (Cont.) Nov.1951. 68.29 C332

64834 SCHULZE, W., and others. Die keimstimmung der kartoffel und ihre bedeutung für die züchtung und pflanzguterzeugung. Forschanst. f. Landwirt. Schrreihe. 3,183 p. 1951. 105.8 B832

64835 SCHULZE, W., and FISCHNICH, O. Über keimförderung und stoffliche veränderungen in der kartoffelknolle bei beginn und im verlauf der keimung. Forschanst. f. Landwirt. Schrreihe. 3:5-113. Ref. 1951. 105.8 B832

64836 SCHWAEBEL, F. X., and OBERMAYER, G. Nachweis von kupferhaltigem spritzbelag auf pflanzen. Nachrbl. des Deut. Pflanzenschutzdienstes 3:167-168. Nov.1951. 442.9 B832

64837 SEARCY, V. S. Effects of a pre-emergence chemical application on peanuts planted at various spacings. South. Weed Conf. Proc. 5:116-117. 1952. 79.9 So8

64838 SHAW, W. C., TRIMBLE, J. P., and SWANSON, C. R. The effect of chemicals on soybeans and Sudan grass and their persistence in the soil when applied as pre-planting, pre-emergence and post-emergence sprays. South. Weed Conf. Proc. 5:15-22. 1952. 79.9 So8

64839 SIEGEL, J. J., HOUGH, H. W., and TURK, L. M. The effect of calcium on the growth of soybeans supplied with ammonium nitrogen. Soil Sci. Soc. Amer. Proc. 16: 185-188. Ref. Apr.1952. 56.9 So3

64840 SIMONIS, W., and GRUBE, K. H. Untersuchungen über den zusammenhang von phosphathaushalt und photosynthese. Z. f. Natforsch. 7b:194-195. Ref. Mar. 1952. 474 Z3

64841 SJORS, H. On the relation between vegetation and electrolytes in North Swedish mire waters. Oikos 2:241-258. Ref. 1950,pub.1952. 410 Oi4

64842 SMITH, M. S., WAIN, R. L., and WIGHTMAN, F. Antagonistic action of certain stereoisomers on the plant growth-regulating activity of their enantiomorphs. Nature [London] 169:883-884. May 24,1952. 472 N21

64843 SOKOLOVA, V. E., and ARTSIKHOVSKAIA, E. V. On temperature reaction of Botrytis cinerea respiratory process. (In Russian.) Akad. Nauk SSSR. Dok. 84:177-180. Ref. May 1,1952. 511 P444A

64844 STAPLETON, G. E., HOLLAENDER, A., and MARTIN, F. L. Mechanism of lethal and mutagenic action of ionizing radiation on Aspergillus terreus. I-II. J. Cell. & Compar. Physiol. 39(sup.1):87-113. Ref. Mar. 1952. 444.8 J822
I, Relationship of relative biological efficiency to ion density, by G. E. Stapleton, A. Hollaender and F. L. Martin; II, Use of modifying agents and conditions, by G. E. Stapleton and A. Hollaender.

64845 STEEG, M. C. V. D. Mitogenetic radiation. (In Dutch.) Succulenta 3:42. May/June 1952. 450 Su12

64846 STEVENS, C. M., and MYLROIE, A. Nature of biochemical mutants of Neurospora crassa produced by sulfur mustards. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:293. Mar.1952. 442.9 F31P

64847 STOLL, A., and WIEDEMANN, E. Chlorophyll. Fortschr. der Chem. Forsch. 2:538-608. Ref. 1952. 384 F774

64848 STOLP, H. Beiträge zur frage der beziehungen zwischen mikroorganismen und höheren pflanzen. Arch. f. Mikrobiol. 17:1-29. Ref. 1952. 442.8 Ar26

64849 STOLP, H., and SPEYER, E. Zur frage der anpassungsfähigkeit von Azotobacter. Kritische bemerkungen zu den von N. Maltschewsky mitgeteilten ergebnissen. Arch. f. Mikrobiol. 17:30-33. Ref. 1952. 442.8 Ar26

64850 SUBRAMANIAM, M. K., and RAO, S. K. S. Studies on the mutagenic action of chemical and physical agencies on yeasts. Indian Acad. Sci. Proc. Sect. B. 35: 1-27. Ref. Jan.1952. 513 In25B

64851 SUGIYAMA, T., IWATA, M., and SHICHIJO, T. Hunger signs in vegetable crops. II. (In Japanese.) Hort. Assoc. Japan. J. 20:89-97. Ref. June 1951. 87 H78
English summary.

64852 SUZUKI, S., YOSHIDA, Y., and ARAI, T. Does frost really bring injury to plants? (Preliminary report). Soc. Agr. Met. Japan. J. Agr. Met. 7:17-18. Dec.1951. 340.9 So1

64853 THOMPSON, A. H. Developments in use of 2, 4,5-Tp for control of preharvest drop of apples. Mountaineer Grower 22(190):14-15,17-19,21-22. Feb.1952. 80 M86

64854 THOMSON, R. Control of lateral growth in flue-cured tobacco by chemicals. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 33(6):78-80. Apr.1952. 514 N48A

64855 TINCKER, M. A. H., and JOHNSON, E. The soilless cultivation of plants. World Crops 4:201-205. Ref. June 1952. 281.8 W892

64856 TIXIER, P. Le cuivre et la nutrition d'Hevea brasiliensis. Rev. Gén. du Caoutchouc 29:358. May 1952. 305.8 R32
English summary, p. 361.

64857 TOLBERT, N. E., and COHAN, M. S. Formation of glycine and serine in plants from glycolic acid. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:299. Mar.1952. 442.9 F31P

64858 TROFIMOVA, A. I. Data on grape phenology. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):37-38. Aug.1951. 95.8 V77

64859 TSUCHIYA, H. M. Certain metabolic studies on the yeast Saccharomyces cerevisiae. Minn. U. Sum. Ph. D. Theses 5:41-45. 1951. 241.8 M66

64860 VALENCIA P., H. Contribución al estudio de problemas foto-periódicos de la soya. (Abs.) Palmira. Estac. Agr. Expt. Notas Agron. 4:53-54. Jan./Dec.1951. 102.5 P18N

64861 VERDCOURT, B. The effect of certain phenolic compounds on the germination and growth of microfungi. Mycologia 44:377-386. May/June 1952. 450 M99

64862 VERGEER, T. Increased multiplication and other effects of irradiation on tulip bulbs. Mich. Acad. Sci. Arts & Let. Papers 36:53-66. 1950,pub.1952. 500 M582
Slow neutron irradiation.

64863 VERNON, L. P., and ARONOFF, S. Metabolism of soybean leaves. IV. Translocation from soybean leaves. Arch. Biochem. & Biophys. 36:383-398. Ref. Apr.1952. 381 Ar2

64864 WARBURG, O., GELEICK, H., and BRIESE, K. Über die messung der photosynthese in carbonat-bicarbonat-gemischen. Z. f. Natforsch. 7b:141-144. Mar. 1952. 474 Z3

64865 WHITE, A. L. How long do seeds live? East. Feed Merchant 3(6):26,70. June 1952. 389.78 Ea7

64866 WHITTINGHAM, C. P. Inhibition of photosynthesis by cyanide. Nature [London] 169:838-839. May 17, 1952. 472 N21

64867 WOLF, B., and CESARE, S. J. Response of field-grown peaches to strontium sprays. Science 115: 606-607. May 30,1952. 470 Sci2

64868 ZELLER, O. Über assimilation und atmung der pflanzen im winter bei tiefen temperaturen. Planta 39:500-526. Ref. 1951. 450 P693

64869 ZIRKLE, R. E., MARCHBANK, D. F., and KUCK, K. D. Exponential and sigmoid survival curves resulting from alpha and X irradiation of Aspergillus spores. J. Cell. & Compar. Physiol. 39(sup.1):75-85. Mar.1952. 444.8 J822

BIOCHEMISTRY

64870 ARAGONA, G., and CUZZOCREA, G. The occurrence in fruit of bergamot of a combined form of vitamin C. (In Italian.) Soc. Ital. di Biol. Sper. B. 27: 1434-1436. Sept./Nov.1951,pub.Jan.1,1952. 442.8 So12

64871 BACHSTEZ, M., and CARRASCO, E. B. Notas sobre drogas, plantas y alimentos mexicanos. XII. Repartición de los aminoacidos en la albúmina de esporas de hongos (Ustilago maydis L.). Ciencia 11:210-212. Dec.15,1951. 475 C48

64872 BACON, J. S. D., and LOXLEY, R. Seasonal changes in the carbohydrates of the Jerusalem artichoke tuber. Biochem. J. 51:208-213. May 1952. 382 B52

64873 BERTRAND, D. Sur la répartition du lithium chez les phanérogames. Acad. des Sci. Compt. Rend. 234: 2102-2104. May 19,1952. 505 P21

64874 BIDWELL, R. G. S., KROTKOV, G., and REED, G. B. Paper chromatography of sugars in plants. Canad. J. Bot. 30:291-305. Ref. May 1952. 470 C16C

64875 BONNET, R., and WEISS, R. Évolution des différentes formes de phosphore au cours de la germination des graines. Acad. des Sci. Compt. Rend. 234:2004-2006. May 12,1952. 505 P21

64876 BYERRUM, R. U., and FLOKSTRA, J. H. Possible origins of the methoxyl carbon of lignin in barley (Hordeum vulgare). (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:193-194. Mar.1952. 442.9 F31P

64877 COMMISSION INTERNATIONALE DES INDUSTRIES AGRICOLES. Documentation bibliographique sur des traités generaux sur l'analyse chimique des vegetaux. (3 dernières années). Paris,1952. 2 p. (B/2441) 241 C733

64878 CUZZOCREA, G., and CENTONZE, M. Chemical composition of the endocarp of the bergamot fruit (Citrus bergamia, Risso). (In Italian.) Soc. Ital. di Biol. Sper. B. 27:1433-1434. Sept./Nov.1951,pub.Jan.1,1952. 442.8 So12

64879 CUZZOCREA, G. Modification of content of combined form of vitamin C in acid fruits as a function of ripening. (In Italian.) Soc. Ital. di Biol. Sper. B. 27: 1438-1439. Sept./Nov.1951,pub.Jan.1,1952. 442.8 So12

64880 CUZZOCREA, G. The occurrence of a combined form of vitamin C in acid fruits. (In Italian.) Soc. Ital. di Biol. Sper. B. 27:1437-1438. Sept./Nov.1951,pub. Jan.1,1952. 442.8 So12

64881 DAMANSKI, A., and STANIMIROVIC, S. Rapports entre vitamine C et cellulose dans la noix. Acad. des Sci. Compt. Rend. 234:1907-1909. May 5,1952. 505 P21

64882 DELWICHE, C. C. Reduction of nitrite and nitrate ions by preparations obtained from higher plants. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:201-202. Mar.1952. 442.9 F31P

64883 FREREJACQUE, M. Le poison digitalique de Menabea venenata Bn. Acad. des Sci. Compt. Rend. 234: 1802-1804. Apr.28,1952. 505 P21

64884 FULLER, W. C., and GIBSON, M. R. The arginase-alkaloid relationship in Datura tatula L. Amer. Pharm. Assoc. J. Sci. Ed. 41:263-266. Ref. May 1952. 396.9 Am33J

64885 GATTEFOSSÉ, J. L'Ammi visnaga et la khelline. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32: 116-123. Ref. Mar./Apr.1952. 26 R323

64886 GOODWIN, T. W., and WILLMER, J. S. Studies in carotenogenesis. 4. Nitrogen metabolism and carotene synthesis in Phycomyces blakesleeanus. Biochem. J. 51:213-217. May 1952. 382 B52

64887 HANSL, N., and WAYGOOD, E. R. Kinetic studies of plant decarboxylases and carbonic anhydrase. Canad. J. Bot. 30:306-317. Ref. May 1952. 470 C16C

64888 HASSID, W. Z., and PUTNAM, E. W. Sugar transformations in leaves of Canna indica. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:226-227. Mar. 1952. 442.9 F31P

64889 HAWKER, L. E. Biochemistry of sexual reproduction in plants. Biochem. Soc. Symposia 7:52-63. Ref. 1951. 382 B522

64890 JOHNSON, G. Chlorogenic acid a possible metabolite in the terminal oxidase system of the white potato. Science 115:675. June 20,1952. 470 Sci2

64891 LEJEUNE, G. Les relations entre les produits de fractionnement des matières azotées de l'orge. Acad. des Sci. Compt. Rend. 234:1800-1802. Apr.28,1952. 505 P21

64892 LINDBERG, B., and THEANDER, O. Studies on sphagnum peat. II. Lignin in sphagnum. Acta Chem. Scand. 6:311-312. 1952. 385 Ac82

64893 MCGILLIVRAY, W. A. The estimation of carotene in plant material and faeces. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 33(6):31-39. Ref. Apr.1952. 514 N48A

64894 MIYAMORI, A. Studies on the antibiotic substances from Actinomyces.XIV. (In Japanese.) J. Antibiotics 5:163-165. Mar.1952. 396.8 J824
English summary.

64895 MURRAY, J. Lichens and fungi. I. Polyporic acid in Stictae. Chem. Soc. J., Apr.1952:1345-1350. 382 L84J

64896 NITSCH, J. P. Le micro-dosage du L-tryptophane dans les plantes. Soc. de Biol. Compt. Rend. 145: 1809-1812. Dec.1951. 442.9 P21

64897 NORDAL, A., and OISETH, D. On the occurrence of sedoheptulose in certain species and genera of the plant family Saxifragaceae. Acta Chem. Scand. 6: 446-447. 1952. 385 Ac82

64898 PROKOSHEV, S. M., and others. Glucoalkaloids in leaves and tubers of vegetatively-hybridized plants of the potato family [Solanaceae]. (In Russian.) Akad. Nauk SSSR. Dok. 83:881-884. Ref. Apr.21,1952. 511 P444A
E. I. Petrochenko, G. S. Il'in, V. Z. Baranova, and N. A. Lebedeva, joint authors.

64899 REESE, H. D., and BORUD, B. E. Essential oil variations in the needles of Douglas-fir (Pseudotsuga taxifolia). (Abs.) Creg. Acad. Sci. Proc. 2:92-93. 1948-51. 500 Or3

64900 REINACH, O. Sur la culture des Strophanthus en Afrique. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:163-168. Mar./Apr.1952. 26 R323
Includes chemical analysis.

64901 SCHINDLER, O., and others. Glykoside und aglykone. 94-96. Helvet. Chim. Acta 35:673-716,730-745. 1952. 385 H36
94, Die glykoside der samen von Strophanthus boivinii Baill, by O. Schindler, and T. Reichstein; 95, Die glykoside von Nerium odorum Sol., 3. Die konstitution von Odorosid G., by A. Rheiner, A. Hunger and T. Reichstein; 96, Millosid, pauliosid, strobosid und boistrosid, die glykoside von Strophantus boivinii Baill., II, by O. Schindler and T. Reichstein.

64902 SHU, P. Further studies on the nitrogen source for the production of amylolytic enzymes by submerged culture of Aspergillus niger. Canad. J. Bot. 30: 331-337. May 1952. 470 C16C

64903 SMITHIES, W. R. Chemical composition of a sample of mycelium of Penicillium griseofulvum Dierckx. Biochem. J. 51:259-264. May 1952. 382 B52

64904 STUKKEI, K. L. On volatile phytoncides and essential oils. (In Russian.) Priroda 40(12):46. Dec. 1951. 410 P933
Study of black currant leaves.

64905 STUTINSKY, F. Un frénateur hypophysaire d'origine végétale (Lithospermum ruderale Dougl). Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:186-188. Ref. Mar./Apr.1952. 26 R323
With a note by A. Chevalier.

64906 TAKAGI, Y., and OKUNO, K. On the pigment production of Actinomyces. I. (In Japanese.) J. Antibiotics 5:172. Mar.1952. 396.8 J824

64907 TSUKAMURA, M. Studies on the antibiotic substances produced by spore-forming bacteria. VII. (In Japanese.) J. Antibiotics 5:160-162. Mar.1952. 396.8 J824
English summary.

64908 WHITE, W. J., SAVAGE, R. G., and JOHNSTON, F. B. A slightly modified fluorometric method of testing for coumarin content in sweet clover. Sci. Agr. 32:278-280. May 1952. 7 Sci2

64909 WILLIAMS, A. E., and BURRIS, R. H. Nitrogen fixation by blue-green algae and their nitrogenous composition. Amer. J. Bot. 39:340-342. Ref. May 1952. 450 Am36

64910 WYNN, M. F., LARSON, E., and DOUGHTY, D. D. Akee toxicity. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:405. Mar.1952. 442.9 F31P

FIELD CROPS

Includes articles on general agronomy and on crop varieties, breeding, cultural practices, and yield.

General

64911 BAKER, G. O. Soil technologist discusses rotations and fertilizers. Idaho Agr. Col. Idaho. Agr. Sci. 36(4):5. Fourth Q.1951. 276 Id13N

64912 BJALFVE, G. Crop rotation and economy. (In Swedish.) Lantmannen 36:307. Apr.19,1952. 11 L234
Chiefly on retaining humus in soil.

64913 BRUN, L. H. On qualities of grain, potatoes and root crops and selection of varieties for Trøndelag. (In Norwegian.) Landbrukstidende 58:264-267. (Cont.) Apr.2,1952. 11 L236

64914 HAGERUP, H. Short report on weather and crops at the Experiment Station of the Norwegian Heath Society at Maeresmyra for the year 1951. (In Norwegian.) Norske Myrselsk. Meddel. 50:58-62. Apr.1952. 11 N813

64915 HALL, N. S. The rooting habits of some southern field crops. Irrig. Working Conf. Proc. 1951:2. 55.9 Ir7

64916 HAMMING, G. Problems of interaction. (In Dutch.) Landbk. Tijdschr. 64:162-173. Mar.1952. 105.2 Or3
English summary.
Statistical research and agronomy.

64917 HARRINGTON, J. B. Egyptian agriculture with special reference to variety purification and seed distribution. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11,p.71-76. Saskatoon,1951. 31.2 Sa72

64918 HERUT, Z. B. On the crop rotation problem of lime soils. (In Hebrew.) Hassadeh 32:116-118. Dec. 1951. 26 H27

64919 IAKUSHKIN, I. V. On agrotechnical problems [in field crop culture] in 1952. (In Russian.) Sovet. Agron. 10(4):8-16. Apr.1952. 20 So84

64920 JACOBSEN, J. B. C. The seed fields in the spring 1952. (In Danish.) Dansk Frøavl 35:145-149. June 1,1952. 61.8 D23

64921 KERTSCHER, F., and HENRICH, M. Durch verbesserung der fruchtfolge zur leistungssteigerung der betriebe. Deut. Landwirt. 3:226-227. May 1952. 18 D4822

64922 KJELLANDER, H. How to balance the rotation of crops. (In Swedish.) Lantmannen 36:306-307. Apr.19, 1952. 11 L234

64923 KUCKELHAUS. Welche fruchtfolge passt ins Sauerland? Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:679-680. May 1,1952. 18 L2346

64924 LARSEN, H. Crop rotation problems. (In Swedish.) Mjölkpropagandan 29:75. Mar.1952. 44.8 M692

64925 LEIVA, J. V. Selección y conservación de semilla. Paraguay. Min. de Econ. Cart. Agropecuaria 156/158:20-21. Oct./Dec.1951. 9.7 Ec72

64926 LIST of varieties of field crops 1952. (In Dutch.) Euphytica 1:62-63. Feb.1952. 450 Eu6
English summary.

64927 MCGINNIS, R. J. Planting time is any time. There is no season for planting in the Dominican Republic. Farm Q. 7:71-74,123-128. Spring 1952. 6 F22995

64928 MACHT, A. Haupt- und zwischenfrucht zugleich. Deut. Landwirt. Pr[illegible]e 75:116. May 3,1952. 18 D482

64929 MENESES, M. F. Distances. (In Portuguese.) Gaz. do Agr. 4:103-105. Apr.1952. 24 G25
Planting field crops.

64930 MORETTI CANEDO, M. En Bolivia y Perú, la siembra tiene el sentido de una fiesta. Mundo Agr. 4 (36):100-101. May 1952. 9 M92

64931 MORGADO, M. L. Considerations on "crop rotations." (In Portuguese.) Gaz. do Agr. 4:105-106. Apr.1952. 24 G25
Mozambique.

64932 NETHERLANDS. RIJKSINSTITUUT VOOR RASSENONDERZOEK VAN LANDBOUWGEWASSEN. De betrouwbaarheid van gemiddelden bij rassenproeven [The reliability of the average in variety tests]. Ber. over Rassenkeuze 112,1 p. Jan.1952. 64.9 W12

64933 OJERT, R. Progress has been rapid; plant production in Södermanland during the year 1952. (In Swedish.) Lantmannen 36:426-427. May 31,1952. 11 L234

64934 PENGRA, R. F. Estimating crop yields at seeding time in the Great Plains. Agron. J. 44:271-274. May 1952. 4 Am34P

64935 PERMAN, O. Crop rotation and economy. (In Swedish.) Lantmannen 36:255. Mar.29,1952. 11 L234

64936 PRÄGER, E. Fruchtfolgefragen des leichten bodens. Deut. Landwirt. 3:210-212. Apr.1952. 18 D4822

64937 RAMSEY, J. D. PC&F helps build Hawaii with fertilizer and insecticides. Com. Fert. 84(6):56-58. June 1952. 57.8 C73
Pacific Chemical and Fertilizer Co.

64938 REICHERT. Arbeitsparender zwischenfruchtbau. Salzburger Bauer 7(21):12-13. May 22,1952. 19 Sa3

64939 REYNOLDS, E. B., and NORRIS, M. J. Effects of legumes in different cropping systems on yield of corn. Soil Sci. Soc. Amer. Proc. 16:189. Apr.1952. 56.9 So3

64940 SAKURAI, Y. Theories on free system cropculture. (In Japanese.) Nogyo Keizai Kenkyu 23:667-677. Mar.1952. 281.8 N68

64941 SCHECK, H. Einiges über das amerikanische saatgutwesen. Saatgut-Wirt. 4:30-32. (Cont.) Feb.1952. 61.8 Sa1

64942 SOUBIÈS, L. L'expérimentation précise à la portée de l'agriculteur. B. des Engrais 337:16-19. Jan. 1952. 57.8 B87

64943 SOUZA, A. O. DE. A problem of rotation of crops with legumes. (In Portuguese.) Lav. Arroz. 6(61): 25-26,28-30. Jan.1952. 59.8 L39

64944 STADNICHUK, P. F. Field crop yields in the adapted crop rotation of Novoe Vremîa Kolkhoz [in Moskalenskii District, Omsk Region]. (In Russian.) Sovet. Agron. 10(4):87. Apr.1952. 20 So84

64945 THOMPSON, H. R. Factorial designs with small blocks. New Zeal. J. Sci. & Technol. B, Gen. Res. Sect. 33:319-344. Mar.1952. 514 N48B

64946 TIEMANN. Planmässige einschaltung und sachgemässe verwendung überwinternder zwischenfrüchte. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 681-682. May 1,1952. 18 L2346

64947 TOLKOVSKII, V. A table of norms for sowing [field crop] seeds. (In Russian.) Tekhsovety MTS 12 (31/32):14-15. 1951. 58.8 T233

64948 TOLMAN, B. Crop rotation helps keep irrigated farms in higher production. U & I Cult. 12:20-21, 44. Mar.1952. 66.8 U12

64949 VICCARS, M. As ye sow, so shall ye reap! South. Livestock J. 11(12,i.e.11):30. June 1952. 43.8 F66A
Seed quality.

64950 WIENER, W. T. G. The fundamentals of seed growing. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11.p.64-65. Saskatoon,1951. 31.2 Sa72

Cereals

64951 ÅKERMAN, Å. Before the year's crop production. (In Swedish.) Mjölkpropagandan 29:61-62. Mar. 1952. 44.8 M692
Chiefly grain culture.

64952 ALABAMA. AGRICULTURAL EXPERIMENT STATION. Corn varieties for Alabama; a report of 1951 corn variety tests, by E. F. Schultz, Jr. Auburn,1952. 12 p. 59.9 AL12

64953 ALABOUVETTE, L. Amélioration de la culture du maïs et problème du choix des variétés. Actualités Agron. Sér. B, Amélior. des Plantes 1:15-19. 1951. 14 F8499A

64954 ALABOUVETTE, L., and others. Conditions de la culture du maïs et expérimentation des variétés destinées à la production du grain. Actualités Agron. Sér. B, Amélior. des Plantes 1:21-41. 1951. 14 F8499A
P. Bertin, Dumail, J. Fiat, and S. Rautou, joint authors.

64955 AUFHAMMER, and GOPP. Zusammenfassender vorbericht über ergebnisse der internationalen braugersten-anbauversuche 1951 aus 9 europäischen ländern. II. Brauwelt 18:395-398. May 1,1952. 390.8 B732

64956 BAEKGAARD, H. C. Comparison between laboratory and field germination of cereal seed. (In Danish.) Tidsskr. f. Planteavl 55:476-510. 1952. 11 T439
English summary.

64957 BAKER, G. A., HUBERTY, M. R., and VEIHMEYER, F. J. A uniformity trial on unirrigated barley of ten years' duration. Agron. J. 44:267-270. May 1952. 4 Am34P

64958 BARREIROS, H. A. Wheat culture. (In Portuguese.) Gaz. do Agr. 4:86-88. Apr.1952. 24 G25
Mozambique.

64959 BECKER, W. R. Corn culture in a new phase. (In Dutch.) Pluimveeteelt 5(10):3-4. May 9,1952. 47.8 P722

64960 BERNARDES, B. C. A la Federación Nacional de Arroceros, Colombia. Palmira. Estac. Agr. Expt. Notas Agron. 4:35-48. Jan./Dec.1951. 102.5 P18N

64961 BOMPARD, A. Les variétés de riz; résultats des champs démonstratifs. Bouches du Rhône Agr. 24 (1073):9. May 1,1952. 14 B662

64962 BOMPARD, A. Les variétés de riz. Réveil Agr. 61:131-132. May 1,1952. 14 R322

64963 BONVICINI, M. Semente di grano senza lesioni [Cereal seeds without injuries]. Bologna,Cuppini, 1951. 8 p. 464.4 B64

64964 BRENNER, W. G., and GAUS, H. Getreideernte und -drusch; heutiger stand und voraussichtliche zukunftsentwicklung. Deut. Landwirt. Gesell. Mitt. 67:350-353. May 17,1952. 18 N39

64965 CAUDERON, A. Essais de culture de maïs-grain dans la région parisienne. Actualités Agron. Sér. B, Amélior. des Plantes 1:73-82. 1951. 14 F8499A

64966 CHANDNANI, J. J. Some practical hints on how to grow more paddy. Indian Farming 2:8-9,29-31. Apr.1952. 22 In283
Rice culture.

64967 CHASE, S. S. Production of homozygous diploids of maize from monoploids. Agron. J. 44:263-267. May 1952. 4 Am34P

64968 DELOYE. Comportement des variétés de céréales en grande culture au cours de la campagne agricole 1950-1951. Soc. des Agr. d'Algérie. B. 96:53-63. 1951/52. 24 So1

64969 DENMARK. STATENS FORSØGSVIRKSOMHED I PLANTEKULTUR. Experiments with barley varieties, 1945-1950. (In Danish.) Tidsskr. f. Planteavl 55:550-553. 1952. 11 T439

64970 DIAZ DEL PINO, A. Bate el record el presan No. 1. Tierra [México] 7:167-169. Mar.1952. 8 T445
Corn variety.

64971 DIEHL, R. Quelques aspects de la culture du maïs-grain dans la région Ouest. Actualités Agron. Sér. B, Amélior. des Plantes 1:83-86. 1951. 14 F8499A

64972 DILLON, M. Grain. Agr. Ireland 9:124-125. June 1952. 10.5 Ag8
Includes culture.

64973 DIUKOV, N. N. Sowing large equalized seeds—a way to increase productivity. (In Russian.) Dostizheniîa Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1:84-85. Jan.1952. 20 D742
Experiment with spring wheat.

64974 DOMSCH, M. Saatgutsparende, ertragsteigernde aussaatmethoden. Deut. Landwirt. 3:247-249. May 1952. 18 D4822
Grain.

64975 DUTHIL, J. Une année de culture du maïs hybride en Charente-Maritime. Agr. Charentais 7(6):2. Mar.31,1952. 14 Ag825

64976 ELLERTON, S. Wheat breeding in England: a review of present-day possibilities. Inst. Corn & Agr. Merchants. J. 3:100-104. Spring 1952. 10 In7

64977 EVANS, M. Precipitation and sorghum yields. N. Mex. Agr. Expt. Sta. Press B. 1069,4 p. Apr.1952. 100 N465

64978 FEEKES, W. Enkele aspecten van de tarweveredeling. Some aspects of wheat breeding. Ed. 2. Stichting v. Coördinatie van Cult. en Onderz. van Broodgraan. Tech. Ber. 1,33 p. Apr.1951. 59.9 St5

64979 FENAROLI, L. Oltre 100 quintali di mais per ettaro! [More than 100 quintals of corn per hectare]. Sta. Sper. di Maiscolt. P. 65,7 p. 1952. 105.4 B453

64980 FENAROLI, L. Rapporto sulla sperimentazione maidicola 1950 [Report on corn research 1950]. Sta. Sper. di Maiscolt. P. 64,49 p. 1951. 105.4 B453

64981 FRANCE. INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE. La culture du maïs hybride en France. Actualités Agron. Sér. B, Amélior. des Plantes 1,144 p. 1951. 14 F8499A
Includes appendix giving list of corn hybrids.

64982 GALANG, F. G., and PANGANIBAN, F. C. Rice production in the Philippines. Agr. & Indus. Life 14(4):30-31,41. Apr.1952. 25 Ag8

64983 GALINDO, A. La avena. Cult. Mod. 35:138-139. Apr.1952. 15 C89
Culture in Spain.

64984 GARATTONI, E. Corn. (In Italian.) Spezia Agr. 7(4):2. Apr.1,1952. 16 Sp3
Culture in Italy.

64985 GELIN, O. Mette sugar corn. (In Swedish.) Weibulls Allehanda 12:1-2. 1952. 80 W42

64986 GIORDANO, H. J. Trigo; 1) comportamiento agrícola de variedades—consejos de siembra; 2) problemas del carbón hediondo—discusión de los métodos de lucha. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(26):28-32. Aug.1951. 9 Ar35
Includes discussion.

64987 GRAFIUS, J. E., NELSON, W. L., and DIRKS, V. A. The heritability of yield in barley as measured by early generation bulked progenies. Agron. J. 44:253-257. Ref. May 1952. 4 Am34P

64988 HÉDIN, L. Le maïs en Normandie. Actualités Agron. Sér. B, Amélior. des Plantes 1:87-92. 1951. 14 F8499A

64989 HERCHER, P. La culture du riz dans le Gharb en 1951. Terre Marocaine 26:119-125. Apr. 1952. 24 T44

64990 IVY, H. W., JR. Yield trials with corn hybrids in Louisiana, 1948-51. La. Agr. Expt. Sta. B. 461,15 p. Jan.1952. 100 L93

64991 KANNENBERG, H. Gerstenanbau auf kartoffelböden. Kartoffelbau 2:253-254. Dec.1951. 75.8 K145

64992 KNIAZEV, S. I. Check-hill method of planting early-ripening corn varieties in Western Siberia. (In Russian.) Sovet. Agron. 10(4):55-57. Apr.1952. 20 So84

64993 KUZNETSOV, A. P. Measures for increasing the productivity of buckwheat. (In Russian.) Sovet. Agron. 10(5):59-64. May 1952. 20 So84
Culture.

64994 LAREMBERGUE, R. DE. Essais de maïs hybrides américains en Alsace. Actualités Agron. Sér. B, Amélior. des Plantes 1:69-72. 1951. 14 F8499A

64995 LATHROPE, H. R. Un nuevo trigo. Agr. Austral 20:60-61. Feb.1952. 9.3 Ag842

64996 LAUDE, H. H., and others. Ponca winter wheat. Kans. Agr. Expt. Sta. B. 354,14 p. May 1952. 100 K13S
R. H. Painter, C. O. Johnston, A. M. Schlehuber, and T. H. Johnston, joint authors.
Is also Oklahoma Agricultural Experiment Station Bulletin B-380.

64997 LAUMONT, P., and LABY, H. Notes sur la culture du riz en Algérie. Soc. des Agr. d'Algérie. B. 96:64-95. 1951/52. 24 So1

64998 LÓPEZ RAMIREZ, G. La industria arrocera en el Brasil y Peru. Palmira. Estac. Agr. Expt. Notas Agrón. 4:1-33. Ref. Jan./Dec.1951. 102.5 P18N

64999 LØVØ, P. J. Experiments with barley varieties. (In Norwegian.) Landbrukstidende 58:244-245. Mar.26,1952. 11 L236

65000 MCKAY, H. C., MOSS, W. A., and BAKER, G. O. Wheat production in the semiarid Pacific Northwest as influenced by methods of handling sweet clover as a green manure crop. Agron. J. 44:247-251. May 1952. 4 Am34P

65001 MARIE, R., DENOY, I., and ARMANCOURT, H. D'. La rizière du Merle en 1951. Prog. Agr. et Vitic. 137:258-269. (Concl.) May 4/11,1952. 14 P94
Results obtained with different varieties.

65002 MARIEN, H. Le comportement des variétés de blé essayées à la ferme-pilote de la Calade. Bouches du Rhône Agr. 24(1074):7. May 15,1952. 14 B662

65003 MARINICH, P. E. Spring wheat varieties for irrigated agriculture. (In Russian.) Sovet. Agron. 10(5): 8-13. May 1952. 20 So84

65004 MATELA, A. G. Questions and answers on rice. Plowman 8:288-293. Feb./Mar.1952. 276.8 P72
Cultural aspects for the Philippines.

65005 MATELA, A. G. Questions and answers on rice. Plowman 8:374-375,404. (Cont.) Apr.1952. 276.8 P72
Culture in the Philippines.

65006 MAURI, G. The cultivation of hybrid corn in Brianza. (In Italian.) Campagna 51(1083):4-6. Jan.1, 1952. 16 C152

65007 MÉNERET, G. Quelques aspects de la culture du maïs-grain en Bresse. Actualités Agron. Sér. B, Amélior. des Plantes 1:53-67. 1951. 14 F8499A

65008 MERCER, R. Chinook wheat doesn't rate with Rescue in Montana. Mont. Farmer-Stockman 39(16):20-21. Apr.15,1952. 6 M764

65009 MERCER, R. Plant clean, treated seed, raise only the best. Mont. Farmer-Stockman 39(14):18,20. Mar.15,1952. 6 M764
Grain.

65010 MERLI, V. Demonstration fields on wheat varieties. (In Italian.) Rinascita Agr. 7:2. Nov.1,1951. 281.8 R47
Italy.

65011 MONTGOMERY, G. A. More meat and milk in new corns; breeders are working on hybrids that have higher fat content and better protein quality. Capper's Farmer 63(7):14,29. July 1952. 6 M693

65012 MURRE, M. "Corn culture" manual. (In Dutch.) Zeeuwsch Landbbl. 40(2119):6-7. (Cont.) Apr. 26,1952. 12 Z2

65013 NEBRASKA GRAIN IMPROVEMENT ASSOCIATION. Fourteenth annual report, 1952; improving the quality of Nebraska's grain. Lincoln,1952. 45 p. 59.9 N273

65014 NELSON, O. E. The profit margin is no accident. Popcorn Merchandiser 6(12):3-4,10-12. Mar. 1952. 280.38 P81
Breeding and hybrids.

65015 NETHERLANDS. RIJKSINSTITUUT VOOR RASSENONDERZOEK VAN LANDBOUWGEWASSEN. Corn 1952. (In Dutch.) Zaadbelangen 6:66-68. (Concl.) Mar.31,1952. 61.8 Z1

65016 NETHERLANDS. RIJKSINSTITUUT VOOR RASSENONDERZOEK VAN LANDBOUWGEWASSEN. Haven [Oats], 1952. Ber. over Rassenkeuze 113,4 p. Jan.1952. 64.9 W12

65017 NETHERLANDS. RIJKSINSTITUUT VOOR RASSENONDERZOEK VAN LANDBOUWGEWASSEN. Zomergerst [Summer barley], 1952. Ber. over Rassenkeuze 114,3 p. Jan.1952. 64.9 W12

65018 NETHERLANDS. RIJKSINSTITUUT VOOR RASSENONDERZOEK VAN LANDBOUWGEWASSEN. Zomertarwe [Summer wheat], 1952. Ber. over Rassenkeuze 115,2 p. Jan.1952. 64.9 W12

65019 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. The growing of barley. North. Ireland. Min. Agr. L. 95,11 p. Apr.1952. 10 N81

65020 PEREKAL'SKIĬ, F. M. Hard wheat in the non-black soil area. (In Russian.) Sovet. Agron. 10(5):14-19. May 1952. 20 So84

65021 PIACCO, R. New variety of rice: R.253. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:154-155. Apr.1952. 16 C72

65022 PIACCO, R. Rice production "from the source." (In Italian.) Gior. di Agr. 62:151. May 18,1952. 16 It1G
Breeding.

65023 POEHLMAN, J. M. Breeding winter barley for hardiness and disease resistance. Econ. Bot. 6:176-184. Apr./June 1952. 450 Ec7

65024 PORTÉRES, R. Les rizières de ruissellement en Casamance. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32(351/352):34-37. Jan./Feb.1952. 26 R323

65025 PORTUGAL. MINISTERIO DA ECONOMIA DIRECCAO GERAL DOS SERV. AGRICOLAS. Milhos hibridos; resultados dos ensaios efectuados no pais em 1951 [Hybrid corn; results of experiments held in the country during 1951]. Portugal. Dir. Geral dos Serv. Agr. Sér. Estud. e Inform. Téc. 37,32 p. 1952. 15.5 Ag84E
Portugal.

65026 RYCKE, E. DE. Corn. (In Flemish.) Cult. en Handel 18:236. Apr.1952. 80 C892

65027 SCHAAFHAUSEN, R. V. El adlay [Coix lacrymajobi] un cereal de muchos usos. Comt. Nac. del Café B. 5:569-571. Aug./Sept.1951. 68.29 C732

65028 SCHAD, C., and VILLAX, E. La production du maïs grain dans la région du Centre. Actualités Agron. Sér. B, Amélior. des Plantes 1:43-51. 1951. 14 F8499A

65029 SCHRÖDER, H., and JAHNKE, R. Hybridenmais im feldversuch. Praxis u. Forsch. 4:54-55. Apr. 20,1952. 18 P89
Germany.

65030 SOMMERKAMP, G. Wieder körnermaisbau? Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:608-609. Apr.17,1952. 18 L2346

65031 SPRAGUE, G. F., and MILLER, P. A. The influence of visual selection during inbreeding on combining ability in corn. Agron. J. 44:258-262. May 1952. 4 Am34P

65032 STEPHENS, J. C., and QUINBY, J. R. Yield of a hand-produced hybrid sorghum. Agron. J. 44:231-233. May 1952. 4 Am34P

65033 SVENSON, J. Neuere erfahrungen mit der schnellmethode zur bestimmung der keimfähigkeit des getreides. Brauwelt 19:421-422. May 8,1952. 390.8 B732

65034 TAVORA, L. DE. The breeding of Angolan maize. (In Portuguese.) Agron. Angolana 5:111-127. 1951. 24 Ag83
English summary.

65035 THOMPSON, E. G. Breeding crops for mechanical harvesting. Power Farmer 8:202-204. June 1952. 58.8 P872
Grains and root crops.

65036 TRENTIN, A. Getting one's bearings in the culture of hybrid corn. (In Italian.) Agr. Vicentina 82(6):1-2. Mar.15,1952. 16 Ag8257

65037 VIANNA E SILVA, M. Possibilities of rice improvement through introduction of types cultivated abroad. (In Portuguese.) Agros [Lisboa] 35:61-79. Jan./Apr.1952. 15.5 Ag82
Portugal.

65038 VIANNA E SILVA, M. Rice in classic antiquity. (In Portuguese.) Lav. Arroz. 5(60):35-35,38. Dec.1951. 59.8 L39

65039 WEST, G. Ability to produce good yields even in poor seasons boosts growing sorghums in Kansas. Kans. Farmer 89(9):37. May 3,1952. 6 K13

65040 WILSON, E. V. B., and HODGES, D. J. Spring oat variety trial, 1950. North. Ireland. Min. Agr. Res. & Expt. Rec. 1951:75-79. 1952. 10 N81R

65041 WOODWARD, R. W. Better grains for Utah. Assoc. Oper. Millers. B., June 1952:1968-1969. 298.8 As7
Varieties.

65042 ZERRIES, O. Die urheimat von mais und baumwolle nicht Amerika? Umschau 52:104-105. Feb.15, 1952. 474 Um7

65043 ZIMMERMANN, K. Reisanbau in Deutschland? Deut. Landwirt. 3:188-189. Apr.1952. 18 D4822
Russian Zone.

65044 ZINGG, A. W., WOODRUFF, N. P., and ENGLEHORN, C. L. Effect of wind-row orientation on erodibility of land in sorghum stubble. Agron. J. 44:227-230. May 1952. 4 Am34P

Fiber Crops

65045 ALABAMA. AGRICULTURAL EXPERIMENT STATION. Results of 1951 cotton variety tests in Alabama, by H. B. Tisdale and A. L. Smith. Auburn,1952? 8 p. 100 AL1R

65046 BOYLSTON, H. G. Five-acre cotton king. Better Crops Plant Food 36(5):17,40-41. May 1952. 6 B46

65047 BROWN, C. H. The Egyptian cotton industry. I. World Crops 4:197-200. June 1952. 281.8 W892

65048 CHANDNANI, J. J., and CHATTERJEE, D. Delhi can grow jute. Indian Farming 2:16-17. Apr.1952. 22 In283

65049 CROSIER, W. F. Some observations on the germination of flax seed. Assoc. Off. Seed Anal. News Let. 26:9-12. Feb.1952. 61.9 As7N

65050 DENMARK. STATENS FORSØGSVIRKSOMHED I PLANTEKULTUR. Experiments with flax varieties, 1946-1950. (In Danish.) Tidsskr. f. Planteavl 55:547-550. 1952. 11 T439

65051 DICK, J. B., and others. 1951 cotton variety tests in Mississippi. Miss. Agr. Expt. Sta. B. 488,8 p. Jan.1952. 100 M69
Z. F. Lund, J. F. O'Kelly, S. P. Crockett, K. C. Freeman, and R. E. Coats, joint authors.

65052 DYDKO, A. E. Vysokiĭ urozhaĭ khlopka v zvene Ogul'dzhan Matchanovoĭ; kolkhoz imeni Tel'mana, Il'ialinskogo raĭona, Tashauzskoĭ oblasti, Turkmenskoĭ SSR [High yields of cotton in Ogul'dzhan Matchanova's squad]. Moskva,Gos. Izd-vo Selkhoz Lit-ry,1951. 27 p. (Peredovoĭ Opyt v Sel'skom Khoziaĭstve) 72 D86

65053 ELLIOT, S. Kenaf, un nuevo campo para la agricultura nacional. Tierra [Mexico] 7:236-237,266. Apr.1952. 8 T445
Culture in Mexico.

65054 FREDERIKSEN, P. S. The value of the grading of crop in the Danish fibre flax fields. (In Danish.) Lin 6:9-16. Mar.1952. 73.18 L63
English summary.

65055 KUGLER, W. F., and MARCIOTE, C. V. Lino; 1) comportamiento agrícola de las variedades—consejos de siembra, plagas y enfermedades. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(26):33-36. Aug.1951. 9 Ar35

65056 ORLOV, V. T. Urgent problems in the further adaptation of Indian hemp. (In Russian.) Sovet. Agron. 10(4):58-62. Apr.1952. 20 So84

65057 ORSOLINI, M. P., and ANGEL, A. La semilla selecta de algodonero. Bolsa de Cereales. Buenos Aires. Rev. 38(2041):1,3-4. May 2,1952. 287 B866
Production.

65058 OSSEWAARDE, J. G. Recommendations on the growing of wild stokroos. Farming So. Africa 27:243-245. Apr.1952. 24 So842

65059 RAO, K. S., and NARASIMHAMURTHY, G. Westerns 1. Cotton—its status and work in progress for its spread. Madras Agr. J. 39:215-217. Mar.1952. 22 M262

65060 SELF, F. W., and others. Experiments with cotton varieties in Louisiana, 1947-1950. La. Agr. Expt. Sta. B. 460,16 p. Dec.1951. 100 L93
J. E. Jones, J. R. Cotton, C. B. Haddon, J. Y. Oakes, D. M. Johns and R. S. Woodward, joint authors.

65061 STADLER, H. Durch verstärkten flachsbau zu fertigem leinen. Salzburger Bauer 7(18):5. May 1, 1952. 19 Sa3
Chiefly culture.

65062 TEXAS FLAX IMPROVEMENT ASSOCIATION. Flax, queen of the crops. Kenedy,Tex.,1952? 16 p. 73.1 T312F
Culture.

Forage Crops and Grasses

65063 AIKKINEN, I. Forage plant culture in Finnish Lappland. (In Swedish.) Mjölkpropagandan 29:79-82. Mar.1952. 44.8 M692

65064 ALABOUVETTE, L., RAUTOU, S., and BERTIN, P. Le maïs fourrage dans les régions méridionales. Actualités Agron. Sér. B, Amélior. des Plantes 1:93-95. 1951. 14 F8499A

65065 ALBAUGH, R. Grassland management, your key to profit. West. Livestock J. 30(32):37,112,114-117, 119. May 15,1952. 6 F2278

65066 ANDRIBET, P. Productions fourragères. Agr. Charentais 7(9):1-2. May 15,1952. 14 Ag825

65067 BAGNOLI, E., and MENONI, L. Improvement of pastures in mountain, hill, and bushy areas of Grosseto. (In Italian.) Agr. Tosc. 7:115-116. Apr.1952. 16 Ag827

65068 BARKER, A. S. Grassland in British agriculture. Brit. Grassland Soc. J. 7:1-8. Mar.1952. 60.19 B773

65069 BEETLE, A. A. Let's choose a Wyoming State grass. Wyo. Range Mangt. 44,1 p. Feb.1952. 60.19 W99

65070 BELONOZHKO, I. I. On dates of seeding perennial grass-legume mixtures. (In Russian.) Sovet. Agron. 10(4):32-37. Apr.1952. 20 So84

65071 BODDY, H. Don't overlook marginal lands. They probably hold a margin for profit. West. Dairy J. 8(8):46-47. June 1,1952. 44.8 W524
Pasture management.

65072 BORST, H. Appraisal of opportunities for grassland farming in Ohio. Land News 12(2):16-17,20. 1952. 279.8 L22L

65073 BOURLEUF, A. DE. Les enseignements de la mission fourragère aux U. S. A. Terre d'Oc 34:148-159. Apr.1952. 14 Ar5

65074 BRUNNER. Möglichkeiten zur ertragssteigerung auf dem grünland und im feldfutterbau. Landwirt. Z. der Nord-Rheinprov. 119:404-405. Apr.19,1952. 18 L2344
Pasture management, fertilizing, and hay drying.

65075 BRUNNER. Schnittzeit, trocknungsart und heuqualität. Grüland 1:34-36. In Tierzüchter 4(9). May 5,1952. 49 T445

65076 BUCKINGHAM, M., and POTTS, R. C. Yield of crops grown for forage at Mt. Pleasant, 1950-51. Tex. Agr. Expt. Sta. Prog. Rpt. 1453,2 p. Apr.8,1952. 100 T31P

65077 BURTON, G. W., and ROBINSON, B. P. Tifton 57 Bermuda grass [Cynodon dactylon] for lawns, athletic fields, and parks. Ga. Coastal Plain Expt. Sta. Mimeog. Paper 78,2 p. May 1952. 100 G292M

65078 CALLANTINE, E. J. Canby bluegrass (Poa canbyi) and Sandberg bluegrass (Poa secunda). S. Dak. Stockgrower 6(4):24-25. May 15,1952. 49 So84

65079 CARNAHAN, H. L., and FORTMANN, H. R. Performance of varieties of grass and legume species in Pennsylvania in 1950 and 1951 and forage crop variety recommendations. Pa. Agr. Expt. Sta. Prog. Rpt. 71,12 p. May 1952. 100 P381P

65080 CASARRUBIA, A. Las praderas y la sequia. Chacra 22(258):12,57. May 1952. 9 C34
Argentina.

65081 CAUDERON, A., and others. Essais de maïs fourrage dans la région de Paris. Actualités Agron. Sér. B, Amélior. des Plantes 1:105-111. 1951. 14 F8499A
X. Lascols, R. Marie, and H. Touvin, joint authors.

65082 CHITTY, G. P. Grass production and utilisation. Worcestershire Agr. Chron. 20:129,131,133. Feb./May 1952. 10 W892

65083 CHRISTOPH. Mobilisierung der futterreserven des dauergrünlandes. Deut. Landwirt. 3:231-234. May 1952. 18 D4822

65084 CIACCI, A. Increase of alfalfa production in the hill area of the Province of Grosseto. (In Italian.) Agr. Tosc. 7:117-121. Apr.1952. 16 Ag827

65085 CLEMMER, C. W. Make your pastures permanently good! East. States Coop. 28(6):6-7. June 1952. 280.28 Ea7

65086 COLN, R. Cut-and-come-again farm; a system of grassland improvement without reseeding on a 1,050 acre Cotswold estate. Farmers Wk. [London] 36(24):56-57,59. June 13,1952. 10 F2226

65087 CONNECTICUT. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Suggested seed mixtures, lbs per acre. Storrs,1952. 1 p. 275.2 C76Sus
Grasses.

65088 COOPER, G. S., and CORNS, W. G. Pre-harvest chemical top killing of legume seed crops. II. General effects of cyanamid compounds. Sci. Agr. 32: 281-284. May 1952. 7 Sci2

65089 COOPER, M. M. Permanent grass in the complex of British agriculture. Brit. Grassland Soc. J. 7:9-14. Ref. Mar.1952. 60.19 B773

65090 DAWSON, M. D., and HEINRICHS, D. H. The effects of various germination techniques to overcome dormancy in green stipagrass [Stipa viridula] seed. Sci. Agr. 32:266-271. May 1952. 7 Sci2

65091 DEE, W. E. Alyce clover good stock feed. Amer. Tung News 3(5):5-6. May 1952. 307.8 Am33
Chiefly culture.

65092 DEE, W. E. Pasture maintenance methods. Amer. Tung News 3(5):4-5. May 1952. 307.8 Am33

65093 DENMARK. STATENS FORSØGSVIRKSOMHED I PLANTEKULTUR. Experiments with feed varieties of carrots. 1949-1950. (In Danish.) Tidsskr. f. Planteavl 55:539-542. 1952. 11 T439

65094 DENMARK. STATENS FORSØGSVIRKSOMHED I PLANTEKULTUR. Variety experiments with common ryegrass and timothy, 1946-1950. (In Danish.) Tidsskr. f. Planteavl 55:536-538. 1952. 11 T439

65095 DIEHL, R. Essais de maïs fourrage dans l'Ouest. Actualités Agron. Sér. B, Amélior. des Plantes 1:113-117. 1951. 14 F8499A

65096 DUDLEY, D. I., and HOLT, E. C. Cool season grasses for north-central Texas. Tex. Agr. Expt. Sta. Prog. Rpt. 1456,3 p. May 1,1952. 100 T31P

65097 ECROYD, G. Rationed grazing system in use all year round. Massey Agr. Col. Dairyfarming Annu. 4: 89-91,93-94. Nov.1951. 44.9 M382

65098 EHRENBERG, P. Zur richtigen schnittzeit unseres grünlandes. Allgäuer Bauernbl. 20:194-195. Apr.17,1952. 18 AL53

65099 ELIZARDO, G. L. The culture of canarygrass [Phalaris canariensis]. (In Portuguese.) Sitios e Fazendas 18(4):98-99. Apr.1952. 9.2 Si8

65100 EVANS, E. F. Southwestern grasslands. Cattleman 39:29,60,64,66. June 1952. 49 C29

65101 EVERLY, R. T., and others. Growing red clover for seed. Purdue U. Agr. Ext. Misc. Mimeog. 1, 12 p. Feb.1952. 275.29 In2Mm
K. L. Athow, D. E. Burrough, G. H. Cutler, B. E. Montgomery, R. R. Mulvey and K. T. Payne, joint authors.

65102 FINSTAD, K. In front of the pasture season. (In Norwegian.) Norsk Landbr. 18:178-179. May 9,1952. 11 N8122
Pasture management.

65103 FITZGERALD, K. Grass. Inst. Corn & Agr. Merchants. J. 3:89-92. Spring 1952. 10 In7
Culture and management in Great Britain.

65104 FREDERIKSEN, H. Alfalfa culture in U.S.A., and in Denmark. (In Danish.) Dansk Landbr. 71:231-232. May 15,1952. 280.28 V91

65105 GARRETT, H. E., and STEWART, J. D. Farm management on light plains land. Canterbury Chamber Com. Agr. B. 273,4 p. Apr.1952. 23 C162
Pasture management.

65106 GASPARINI, M. Trends and results of forage research in Maremma. (In Italian.) Agr. Tosc. 7:87-93. Apr.1952. 16 Ag827
Culture.

65107 GOODHUE, J. Auxiliary pasture grasses for the hot summer months. Blood-Horse 63:1064,1076. June 14,1952. 42.8 T392

65108 GRAU, F. V., and GRAU, A. F. Crown vetch—this persistent legume builds soil, chokes out weeds and improves with age. Pa. Farmer 146:530-531,539. June 14,1952. 6 P383

65109 GRILLOT, G. Les prairies permanentes au Maroc. Terre Marocaine 26:126-127. Apr.1952. 24 T44

65110 GROSS, H. Beim grünland müssen wir anfangen. Freie Bauer 7(19):5. May 11,1952. 18 F88
Germany.

65111 GRUNDER, M. S., and DERMANIS, P. The effect of pollinator plants on seed set in vegetatively propagated orchard grass. Agron. J. 44:275-276. May 1952. 4 Am34P

65112 GUNASEKERA, G. C. M. Rotational grazing under coconuts. Ceylon Coconut Q. 2:181-183. Oct./Dec. 1951. 77.8 C33

65113 GUSEV, L. A., and ERINO, R. I. 5 centners of red clover seeds per hectare. (In Russian.) Sovet. Agron. 10(5):32-34. May 1952. 20 So84

65114 HAASE. Nochmals "wirtschaftsaufbau grossbäuerlicher grünlandbetriebe." Landwirtbl. Weser-Ems 99:413-415. Apr.24,1952. 18 L2345

65115 HAUER, E. Wie können wir unsere grünlandertrage steigern? I. Kärntner Bauer 102:279-280. May 3,1952. 19 K14

65116 HAUSSMANN, G. New grasses for irrigated and dry regions. (In Italian.) Agr. Tosc. 7:148-154. May 1952. 16 Ag827
Sorghum.

65117 HENRY, T. Instrucciones para el cultivo de la alfalfa. Uruguay. Min. de Ganad. y Agr. B. Inform. 411:13; 412:17-18. Apr.17-24,1952. 9.9 G15B

65118 HOVD, A. Overwintering injuries to pastures and possible remedies for them. (In Norwegian.) Landbrukstidende 58:188-190. Mar.5,1952. 11 L236

65119 HUNNICUTT, W. D. Green pastures for greater production. East. Milk Prod. 29(3):6. Mar.1952. 280.28 Sh3
Grassland management.

65120 HUNNICUTT, W. D. Interest in promoting improved pastures. Milk Indus. Found. Conv. Proc. (1951) 44(5):20-24. 1952. 44.9 In8

65121 JENNINGS, H. S. H. Fodder beet. Agr. Ireland 9:139-140. June 1952. 10.5 Ag8
Culture and harvesting.

65122 JOHNSON, L. E. The forgiveness of nature. Land 11:57-59. Spring 1952. 279.8 L22
Range management.

65123 JOINT COMMITTEE ON GRASSLAND FARMING. The grassland-livestock handbook. Rev. ed. Norwich,N. Y.,1951. 48 p. 60.1 J66G
Companion book to Green fields are gold. (60.1 J66).

65124 JONES, B. Problems in evaluating chaffy grasses. Assoc. Off. Seed Anal. News Let. 26:24-28. Feb.1952. 61.9 As7N

65125 KAUTER, A. Ueber den zeitpunkt der heuernte. Grüne 80:539-543. May 16,1952. 17 Sch9
Switzerland.

65126 KOLBE, F., and DE VOS, W. H. The Japanese radish. Farming So. Africa 27:235-238. Apr.1952. 24 So842
Culture for feed.

65127 KONEKAMP, A. H. Ist es noch sinnvoll das dauergrünland zu verbessern? Grünland 1:33-34. In Tierzüchter 4(9). May 5,1952. 49 T445

65128 KONIG, F. Schnitt zur rechten zeit! Landwirt. Wchnbl. 142:470-471. Apr.26,1952. 18 L2338
Forage plants.

65129 KRAUSE, W. Die wichtigsten kräuter auf unseren wiesen. Bauern-Ztg. 5(18):11. (Cont.) May 2, 1952. 18 B324
Germany.

65130 KRAUSE, W. Die wichtigsten kräuter auf unseren wiesen. Bauern-Ztg. 5(20):9. May 16,1952. 8 AL64
Germany.

65131 KRESS, H. Die gelbe süsslupine als zwischenfruchtfutterpflanze. Deut. Landwirt. 3:227-231. May 1952. 18 D4822

65132 KRESS, H. Von der gelben bitterlupine zur gelben süsslupine unter besonderer berücksichtigung ihrer unterschiede im praktischen anbau. Deut. Landwirt. 3:142-146. Mar.1952. 18 D4822

65133 KRUASE, W. Die wichtigsten kräuter auf unseren wiesen. Bauern-Ztg. 5(21):11. (Cont.) May 23, 1952. 18 B324
Germany.

65134 KUHL, H. Im grünland liegen die grössten reserven- und das besonders im Sauerland. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:607. Apr.17,1952. 18 L2346

65135 KÜHLE. Über anlage und pflege der geflügelweide. Deut. Wirtgeflügelzucht. 4:343. Apr.19,1952. 47.8 D483

65136 KUHNHOLTZ-LORDAT, G. Schéma de l'évolution régressive des pâturages des Monts de l'Espinouse (Hérault). France. Min. de l'Agr. B. Tech. d'Inform. 67: 151-154. Mar.1952. 14 F844B

65137 KUPPER, F. Lehren der weideversuche im Rur-Erft-Gebiet. Landwirt. Z. der Nord-Rheinprov. 119:350-351. Apr.5,1952. 18 L2344

65138 LAMBERTS, H. The breeding of lupins. Zaad-, Bloem- en Bollenwereld 16:183,185. Apr.1952. 61.8 Z12

65139 LEDENT. La pratique des productions fourragères et de leur conservation. II. Sillon Belge 22(507): 1-2. May 3,1952. 13 Si3

65140 LEIN. Die Phacelia als futter, gründüngung und bienenweide. Landwirt. Z. der Nord-Rheinprov. 119:422-423. Apr.26,1952. 18 L2344

65141 LEIN, M. Bewährt sich die Phacelia? Deut. Landwirt.-Gesell. Mitt. 67:220-221. Apr.5,1952. 18 N39
For feed.

65142 LINEER, G. F. Is Merion blue wonder grass? West. Feed & Seed 7(5):56,61. May 1952. 389.78 W52

65143 LIUBCHENKO, M. A., and KIRNITSKII, B. T. On summer plantings of alfalfa and grass-legume mixtures with nurse crops under conditions of Moldavian SSR. (In Russian.) Sovet. Agron. 10(5):20-27. May 1952. 20 So84

65144 LONG, W. S. Advantages of rationed grazing—Levin farmer's methods. Massey Agr. Col. Dairyfarming Annu. 4:84-85,87-88. Nov.1951. 44.9 M382

65145 LÜDECKE, H., and NITZSCHE, M. Die bedeutung der zuckerrübe als futterpflanze in der gegenwart. Zucker 5:120-122. Ref. Mar.15,1952. 65.8 Z82

65146 MCLACHLAN, K. D. Pelleted subterranean clover seed in pasture establishment. Austral. Inst. Agr. Sci. J. 18:44-45. Mar.1952. 23 Au74

65147 MCMAHON, H. A. The selection of alfalfa seed-growing sites. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11,p.21-25. Saskatoon,1951. 31.2 Sa72

65148 MAGER, L. V. Practices in growing alfalfa seeds. (In Russian.) Dostizheniia Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1:64-67. Jan.1952. 20 D742
Molotov Kolkhoz in Karatal'skii District Kazakh SSR.

65149 MANNES. Zur sortenfrage im hülsenfruchtanbau. Hannoversche Land- u. Forstwirt. Ztg. 105:151. (Cont.) Feb.16,1952. 18 H194

65150 MARINUCCI, M. Vetch in warm, dry climates. (In Italian.) Italia Agr. 89:276-278. Apr.1952. 16 It1

65151 MARTIN, J. A. Les fourrages. Rev. de l'Agr. 5:479-482. May 1952. 13 R322
Culture and preservation, including silage manufacture.

65152 MATVEEVA, E. P. On reconstructing the feed supply base of the north-western regions of the forest area of U.S.S.R. in the light of V. R. Vil'iams' grass-field crop rotation system of agriculture. (In Russian.) Priroda 40(12):49-51. Dec.1951. 410 P933

65153 MIEGE, E. L'introduction et l'expansion de graminées fourragères xérophiles dans les pâturages et les prairies du Maroc. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32(351/352):32-34. Jan./Feb.1952. 26 R323

65154 MONTAGNA, A. Forage plants within the sphere of farm management. (In Italian.) Agr. Tosc. 7: 95-98. Apr.1952. 16 Ag827
Cultural problems.

65155 MYERS, W. M. Grassland potentials and the grassland program. Nation's Agr. 27(6):8-10,19. June 1952. 280.82 B89

65156 NAVEH, Z. Natural pasture in the hills in the spring of 1951. (In Hebrew.) Hassadeh 32:143-147. (Concl.) Dec.1951. 26 H27

65157 NAVEH, Z. Remarks on proper grazing methods. (In Hebrew.) Hassadeh 32:158-160. Dec.1951. 26 H27

65158 NENAROKOV, M. I. Summer plantings of pernnnial grasses and legumes on the collective farms in Voronezh Region in 1951. (In Russian.) Sovet. Agron. 10 (5):28-31. May 1952. 20 So84

65159 NIESER, O. Nordfranzösischer rotklee. Saatgut-Wirt. 4:37-38. Feb.1952. 61.8 Sa1

65160 NISSEN, O. Silage beets. (In Norwegian.) Landbrukstidende 58:184-185. Mar.5,1952. 11 L236

65161 NORDENBORG, M. O. New forage plants up north. (In Swedish.) Mjölkpropagandan 29:64-65. Mar. 1952. 44.8 M692

65162 NORTHRUP, KING & CO. CONSUMER SERV. DEPT. Northland pastures. Minneapolis,1951. 32 p. 60.1 N813N

65163 O'KEEFFE, P. Grasses and clovers. Agr. Ireland 9:137,139. (Cont.) June 1952. 10.5 Ag8
Culture and varieties.

65164 ORTH, A. Ein hinweis zur heuernte und zur lagerung von gehäckseltem heu. Bad. Landwirt. Wchnbl. 119:355-356. May 24,1952. 18 B142

65165 ORTH, A. Ein hinweis zur heuernte und zur lagerung von gehäckseltem heu. Württemb. Wchnbl. f. Landwirt. 119:476-477. May 24,1952. 18 W96

65166 OTERO, J. R. DE. Vamos plantar guando, o zebú das leguminosas [Let us plant pigeonpeas, the Brahman of legumes] Cajanus indicus Spreng.) Vamos para o Campo 66,16 p. 1952. 9.2 V25

65167 PANOV, I. A high-yield variety of sudangrass [Odesskaia -25]. (In Russian.) Kolkhoz. Proizvodstvo 12 (4):59. Apr.1952. 281.8 K83

65168 PAPADAKIS, J. Un método para aumentar la producción de pasto en los alfalfares durante el invierno. Mundo Agr. 4(36):54-55. May 1952. 9 M92

65169 PENDERS, J. M. A. Doelmatige intensivering van de weidebedrijven [Efficient intensification of grasslands]. 's-Gravenhage,Landbouwkundig Bur. der Nederlandse Stikstofmeststoffen-Industrie,1951. 32 p. 60.1 P37

65170 PETERS, H. F. Managing shortgrass rangeland for profitable livestock production. Canad. Cattlemen 15(5):14,31,35. May 1,1952. 49 C16

65171 PFULB, K. In diesem jahr besseres wiesenheu! Württemb. Wchnbl. f. Landwirt. 119:451-452. May 17,1952. 18 W96
Culture and drying.

65172 PIAT, J. Produire du fourrage vert! Terre d'Oc 34:166-168. Apr.1952. 14 Ar5

65173 PIERRE, J. J. The effect of clipping versus grazing on plant survival, botanical composition, yield, quality of forage and root growth of birdsfoot trefoil, (Lotus corniculatus L.) at Urbana, Illinois. Urbana,1952. 10 p. 60.3 P612
Abstract of a thesis - University of Illinois.

65174 PINI, P. L. The importance of genetic improvement of alfalfa in the Maremma environment. (In Italian.) Agr. Tosc. 7:105-108. Apr.1952. 16 Ag827

65175 PITTIER, H., TAMAYO, F., and LASSER, T. Sintesis del proyecto para el enriquecimiento de la economia rural del medio Andino-Venezulano. Venezuela. Dir. Forest. Ser. Forest. 17,14 p. Jan.1952. 99.9 V55
Grassland farming.

65176 POHL, A. Erfolgreiche weidewirtschaft. Bauer 5(20):2-3. May 24,1952. 19 B32
Austria.

65177 POZDNUKHOVA, N. Melon crops for livestock feed. (In Russian.) Kolkhoz. Proizvodstvo 12(4): 34. Apr.1952. 281.8 K83
Culture chiefly.

65178 REED, M. J. Kochia rates with alfalfa. Mont. Farmer-Stockman 39(16):22-23. Apr.15,1952. 6 M764

65179 REMER, O., and GOTTSCHALK, F. Die anbauwürdigkeit des bokharaklees (diskussionsbeitrag). Deut. Landwirt. 3:206-208. Apr.1952. 18 D4822
Russian Zone.

65180 RICEMAN, D. S. Pasture development; recent experimental work in the Coonalphy Downs, South Australia. Past. Rev. 62:353-354. Apr.16,1952. 23 Au75

65181 RIDDET, W. Advantages of rationed grazing. Massey Agr. Col. Dairyfarming Annu. 4:75-77,79-81,83. Nov.1951. 44.9 M382
Includes discussion.

65182 ROBINSON, R. R., SPRAGUE, V. G., and LUECK, A. G. The effect of irrigation, nitrogen fertilization, and clipping treatments on persistence of [Ladino] clover and on total and seasonal distribution of yields in a Kentucky bluegrass sod. Agron. J. 44:239-244. May 1952. 4 Am34P

65183 ROBINSON, R. R., and SPRAGUE, V. G. Responses of orchard grass—Ladino clover to irrigation and nitrogen fertilization. Agron. J. 44:244-247. May 1952. 4 Am34P

65184 ROO, A. DE, and ANDRIES, A. Considérations sur les herbages et les cultures de fourrage vert aux Etats-Unis d'Amérique. Rev. de l'Agr. 5:473-478. May 1952. 13 R322

65185 ROSENGURTT, B. Mejoramiento de praderas: praderas de alfalfa. Uruguay. Min. de Ganad. y Agr. B. Inform. 413:3-4. Apr.30,1952. 9.9 G15B

65186 ROSSITER, R. C. The effect of grazing on a perennial veldt grass-subterranean clover pasture. Austral. J. Agr. Res. 3:148-159. Apr.1952. 23 Au783

65187 RUTHER, H. Der anbau von hülsenfrüchten unter besonderer berücksichtigung der besseren böden. Deut. Landwirt. 3:178-181. Apr.1952. 18 D4822

65188 SACHS, E. Interessante ergebnisse der kleegrasbeispielsflächen. Landwirt. Wchnbl. 142:462. Apr.26,1952. 18 L2338

65189 SAHL, E. Eingesparte futterflächen schaffen mehr verkaufsfruchtflächen. Landwirtbl. Weser-Ems 99:461-462. May 8,1952. 18 L2345
Planning for home production of feed, including the rotation.

65190 SAVELLI, M. Give greater space to forage legumes in Romagnola dryland agriculture. (In Italian.) Agr. Romagnola 10:1. May 20,1952. 16 Ag828

65191 SAVKINA, Z. P. Improvement of northern inundated meadows by utilizing the brushwood shelterbelts. (In Russian.) Kormovaia Baza 2(10):17-23. Oct. 1951. 60.8 K84

65192 SCHAD, C., and VILLAX, E. Essais de maïs fourrage dans la région du Centre. Actualités Agron. Sér. B, Amélior. des Plantes 1:97-104. 1951. 14 F8499A

65193 SCHEER, K. Erfahrungen mit grasanbau im Heppenser-Groden. Wasser u. Boden 4:31-33. Feb.1952. 56.8 W28

65194 SCHIEBLICH, J. Einige grundsätzliche betrachtungen und vorschläge zur leistungssteigerung unserer futterpflanzen. Deut. Landwirt. 3:174-177. Apr. 1952. 18 D4822
Breeding and policy in the Russian Zone.

65195 SCHMIDT, H. Der kleesamendrusch. Dreschen u. Pflügen 6(12):5. Dec.15,1951. 58.8 D81

65196 SCHOBER. Billiges sommerfutter! Landwirtschaft 9/10:154. May 1952. 19 L235
Corn culture in Austria.

65197 SCHWORER, F. J. Selbsthilfe im bauernbetrieb. Bauern-Ztg. 5(18):5; (19):5. (Concl.) May 2-9,1952 18 B324
Forage culture and cattle feeding in Germany.

65198 SEARS, P. D. Pasture establishment. Massey Agr. Col. Dairyfarming Annu. 4:7-9,11-13,15,17-21. Nov. 1951. 44.9 M382

65199 SERRANO, H. Resultados salientes de la experimentación en plantas forrajeras en Pergamino. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(26):8-16. Aug.1951. 9 Ar35
Includes discussion.

65200 SHELTON, G. Green gold. Soil & Water Mag. 1(3):26-27. Mar.1952. 54.8 So3
Alfalfa.

65201 SOLOV'EV, B. F. Expansion of Sudangrass [Sorghum vulgare sudanensis] plantings in every way. (In Russian.) Sovet. Agron. 10(4):89-92. Apr.1952. 20 So84

65202 SOLOV'EV, B. F. Extensive introduction of summer plantings of perennial grasses and legumes into production. (In Russian.) Sovet. Agron. 10(5):3-7. May 1952. 20 So84

65203 SOLOV'EV, B. F. Summer plantings of alfalfa and sainfoin. (In Russian.) Kolkhoz. Proizvodstvo 12(4): 24-25. Apr.1952. 281.8 K83

65204 SORIANO, A. El pastoreo en el territorio del Chubut. Rev. Argentina de Agron. 19:1-20. Ref. Mar. 1952. 9 R327

65205 STABLER, S. P. Plan to utilize pasture efficiently. Ayrshire Digest 38:355. June 15,1952. 43.8 Ay7
For dairy cattle.

65206 STAEHLER. Geringere milchpreise erfordern höhere flächenleistung. Landwirt. Wchnbl. 142:474,480. Apr.26,1952. 18 L2338
Pasture management and yields.

65207 STAEHLER. Von der wiesenwirtschaft zur mäh- und portionsweidewirtschaft. Bauernfreund 5:6. May 1952. 18 B325
Germany.

65208 STAEHLER, H. Die neue mähweide-uhr. Ein ratgeber für weide- und mähweidewirte im flachland und im gebirge. Ed. 3, rev., and enl. München,Bayerischer Landwirtschaftsverlag,1951. 103 p. 60.1 St1

65209 STAPEL, C. Investigations on the pollination of alfalfa. (In Danish.) Tidsskr. f. Frøavl 20:385-391. Apr.10,1954. 61.8 T43

65210 STILES, G. Guar seed market. Soil & Water Mag. 1:34. Jan.1952. 54.8 So3

65211 TABOR, P. Tall fescue [Festuca elatior] grows up. Crops & Soils 4(8):9-11. June/July 1952. 6 W55

65212 THOMPSON, W. R. Mow pastures, save seed, save feed. Prog. Farmer, Miss.-Ark.-La. Ed. 67(6):18, 112. June 1952. 6 So81
Pasture management.

65213 TRUSAKOV, V. Foxtail millet [Setaria italica] in Moscow Region area. (In Russian.) Kolkhoz. Proizvodstvo 12(4):58-59. Apr.1952. 281.8 K83

65214 TUCKER, R. H. Wise live stock operators see irrigated pasture as important "crop." West. Live Stock 37(9):24,27. Apr.1952. 49 W523

65215 U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. 1951 report of the Unifrom Alfalfa Nurseries, conducted cooperatively with the various State and Federal agricultural experiment stations in the United States and Canada represented in the Alfalfa Improvement Conference, by O. S. Aamodt. Beltsville,Md.,1951. 191 p. 1.9 P691Rep

65216 U. S. FOREST SERV. More grass, more meat: fact sheet. Washington,1951. 2 p. 1.962 A2M813
Revegetation of range areas.

65217 U. S. SOUTHERN GREAT PLAINS FIELD STATION, WOODWARD, OKLA. Fourteen-year summary of range improvement studies, 1937-1950, by E. H. McIlvain, D. A. Savage, E. A. Tucker, and W. F. Lagrone. Woodward,Okla.,1951? 50 p. 1.965 A2F82

65218 UZIELLI, A. Forage production with "polyphytic" annual grasses. (In Italian.) Agr. Tosc. 7:99-104. Apr.1952. 16 Ag827
Fall planting of forage plants.

65219 VERBEEK, W. A. Babala [Pearl millet] a valuable fodder crop. Farming So. Africa 27:265-266. Apr.1952. 24 So842

65220 VYNCKE, A. La culture des semences de ray-grass anglais, type à pâturer R. v. P. Melle. Rev. de l'Agr. 5:427-441. Ref. May 1952. 13 R322
English summary.

65221 WALLIS, W. M. A new angle. Farm & Mkt. 1(5):16,inside back cover. May 1951. 280.28 F229
Grass seed production in Great Britain.

65222 WASSENAAR, T. Arable farming must make way for livestock farming. (In Afrikaans.) Landbouweekblad 33(1708):20-21. Apr.9,1952. 24 L232
In the Northern Transvaal; includes the grasses to plant.

65223 WEST, O. Promising new grasses for seeded pastures in Southern Rhodesia. Rhodesia Agr. J. 49:89-95. Mar./Apr.1952. 24 R34

65224 WEST, O. Report on a visit to Australia and New Zealand for the purpose of studying pasture problems. Rhodesia Agr. J. 49:20-39. Jan./Feb.1952. 24 R34

65225 WHITE, W. J. Developments in forage crops in 1950. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11,p.33-37. Saskatoon,1951. 31.2 Sa72
Varieties.

65226 WILLIAMS, M. Now—let's have a look at your permanent pastures. Dairy Farmer [Ipswich] 25(6): 18-19. June 1952. 44.8 D1414
Great Britain.

65227 WILLIAMSON, J. Forrajeras naturales en la Provincia Eva Perón (Pampa Central). Rev. Argentina de Agron. 19:39-43. Mar.1952. 9 R327

65228 ZAKHREBETKOV, P. A. Agronomical technique for growing alfalfa and crested wheatgrass seeds. (In Russian.) Sovet. Agron. 10(4):38-43. Apr.1952. 20 So84

65229 ZIJP, M. J. Intensification of grasslands. (In Dutch.) Cent. Bur. Meded. 36:60-62. May 1952. 12 N287

65230 ZURN, F. Massnahmen zur verbesserung der futtererzeugung auf den alpen. Allgäuer Bauernbl. 20: 249-251. May 15,1952. 18 AL53

Oil Crops

65231 BOUFFIL, F. Biologie, écologie et sélection de l'arachide au Sénégal. France. Dir. de l'Agr., de l'Elevage et des Forêts. Sect. Tech. d'Agr. Trop. B. Sci. 1,rev.,111 p. Ref. Nov.1951. 26 F84Bs

65232 BOURLET, G. Oléagineux et huiles de Madagascar. I. L'Aleurites fordii. Oléagineux 7:259-262. May 1952. 77.8 OL2
In Madagascar.

65233 DIMMOCK, F. Soybean improvement at Ottawa. Soybean Digest 12(6):14-15. Apr.1952. 60.38 So9

65234 FISCHER, H. Sommerraps: ölfrucht und futterpflanze. Kärntner Bauer 102(15/16):245. Apr.12, 1952. 19 K14

65235 GOHIER, C. Note sur la culture de l'Aleurites fordii dans l'Itsay [Madagascar]. Oléagineux 7:262-264. May 1952. 77.8 OL2

65236 HEIM DE BALZAC, G. Plantas oleaginosas y fibras textiles. B. de Oleicult. Internatl. 2(6):58-59. Jan./Feb.1952. 307.8 B63
Plants producing both oilseeds and fibers.

65237 HINKLE, D. A. Soybeans in the South. Soybean Digest 12(8):14-16. June 1952. 60.38 So9

65238 LINSEED crop competitions, 1951-52 season. So. Austral. Dept. Agr. J. 55:408-413. Mar.1952. 23 So84

65239 NATIONAL SOYBEAN PROCESSORS ASSOCIATION. Soybean farming. Rev. Chicago,1951. 43 p. 60.3 N21

65240 NETHERLANDS. RIJKSINSTITUUT VOOR RASSENONDERZOEK VAN LANDBOUWGEWASSEN. Blauwmaanzaad, [Blue poppy seeding] 1952. Ber. over Rassenkeuze 118,2 p. Feb.1952. 64.9 W12

65241 QUINBY, J. R., VAN HORN, D. L., and BROOKS, L. E. Progress report: castor bean trials in Texas in 1951. Cotton Gin & Oil Mill Press 53(12):56-57. June 7,1952. 304.8 C822
Culture.

65242 QUINBY, J. R., VAN HORN, D. L. and BROOKS, L. E. Trials with castor beans in Texas, 1951. Tex. Agr. Expt. Sta. Prog. Rpt. 1455,5 p. Apr.19,1952. 100 T31P

65243 SCHACHL, M. Der mohn—eine begehrte ölfrucht. Prakt. Landwirt. 6:63-64. Apr.1952. 19 P88

65244 TOURTE, R. Apercus de la culture de l'arachide aux Etats-Unis. Bambey. Cent. de Rech. Agron. B. 3:1-33. 1951? 24 B21

65245 TOURTE, R., and others. L'arachide aux Etats-Unis & au Senegal; propos & opinions. Bambey. Cent. de Rech. Agron. B. 3:34-50. 1951? 24 B21
Jeannin, Bouffil, Marchal, and Coleno, joint authors.

Sugar Crops

65246 BAXA, J. Runkelrübenzuckerpoesie. Zucker 5:140-143. Mar.15,1952. 65.8 Z82

65247 BERBIGIER, A. Les variétés de betteraves sucrières en essais en Algérie en 1950-1951. Soc. des Agr. d'Algérie B. 96:137-138. 1951/52. 24 So1

65248 BUCHHOLZ, H. Einkeimiger oder mehrkeimiger rübensamen? Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:564. Apr.10,1952. 18 L2346

65249 CAPULER, B. Sugar-beet growing in Israel. (In Hebrew.) Hassadeh 32:112-116. Dec.1951. 26 H27

65250 CORNEJO, R. F. Aspectos de la producción de caña de azúcar en la Provincia de Tucuman. El cultivo de buenas variedades como el medio de aumentar los rendimientos. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(28):23-28. Oct.1951. 9 Ar35

65251 CRAMER, P. J. S. Sugar-cane breeding in Java. Econ. Bot. 6:143-150. Ref. Apr./June 1952. 450 Ec7

65252 DENMARK. STATENS FORSØGSVIRKSOMHED I PLANTEKULTUR. Experiments with varieties of sugar beets for factories. (In Danish.) Tidsskr. f. Planteavl 55:543-546. 1952. 11 T439

65253 GRUNEBERG, J. Eine neue zwischenfruchtpflanze. Landwirt. Wchnbl. 142:617. May 31,1952. 18 L2338
Sugar beets.

65254 HEINISCH, O., KLAUSS, M. L., and DARMER, G. Entwicklung und bau des rübenknäuels im hinblick auf seine zertrümmerungsfähigkeit und die bedeutung des zuchtzieles "einzelfrüchtigkeit." Züchter 22:79-84. Ref. 1952. 442.8 Z8

65255 HENDERSON, L. H. How will I thin my beets this year? Through Leaves 40(3):29-31. May 1952. 66.8 T41

65256 HOOGLAND, E. J. A. The planting of sugar beets. (In Dutch.) Plattelands-Post 8(18):6-7. May 1, 1952. 12 P69

65257 KLOEN, D. New perspectives in the improvement of the sugar and fodder beet. 2. Zaadwereld 16: 113,117. Mar.1952. 61.8 Z12

65258 LAMEGO, A. The four large plantations in Campos in the XVIIth century. IX-X. (In Portuguese.) Bras. Açucareiro 38:384-387,465-467. Oct.-Nov.1951. 65.8 B73

65259 LOH, C. S. Hybrid vigor of sugar cane. (In Japanese.) J. Sugarcane Res. 6:17-38. Feb.1952. 65.8 J822
English summary.

65260 LONG, B. E. Progreso en la industria azucarera de Cuba, Florida, Louisiana, Hawaii y Mexico. V. Cultivo de la caña en plantaciones irrigadas en Hawaii. Acta Agron. 2:119-125. Apr.1952. 9.4 Ac8

65261 MONTANARI, V. The quantitative and qualitative improvement of the sugar beet in Italy. (In Italian.) Mondo Agr. 3(14):6. (Cont.) Apr.6,1952. 16 M74

65262 MYATT, O. W. D. Impressions of Pindar in the Bundaberg area. Queensland. Bur. Sugar Expt. Sta. Cane Growers' Q. B. 15:109-110. Jan.1,1952. 65.9 Q3C

65263 NELSON, P., and ZIEGENBEIN, G. Die zuckerrübe in den Vereinigten Staaten von Amerika. Zucker 5:87-90. Mar.1,1952. 65.8 Z82

65264 PASTOR BOGGIANO, M., GONZALEZ VELASCO, J., and CONTRERAS TEJADA, J. Consideraciones y bases para un plan de experimentación de caña de azúcar. Azúcar 2(4):9-29. Sept.1951. 65.8 Az8

65265 PEMBROKE, E. A. Q.50 in north Queensland. Queensland. Bur. Sugar Expt. Sta. Cane Growers' Q. B. 15:105-107. Jan.1,1952. 65.9 Q3C

65266 REUTT, G. La culture de la betterave sucrière dans la région de Sidi-bel-Abbès. Soc. des Agr. d'Algérie. B. 96:114-132. 1951/52. 24 So1

65267 RIOLLANO, A. Present status of research with sugar cane at the Agricultural Experiment Station of the University of Puerto Rico. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:115-122. 65.9 B775

65268 RUHLMANN. Die ergebnisse des jahres 1951 beim zuckerrübenbau mit einkeimigen samen. Deut. Landwirt. 3:246-247. May 1952. 18 D4822
Russian Zone.

65269 SINIAGIN, I. I., and CHERNENKOV, A. D. Ridge plantings of sugar beets. (In Russian.) Sovet. Agron. 10(4):49-54. Apr.1952. 20 So84

65270 SUGAR beet research in 1951. (In Italian.) Indus. Sac. Ital. 45:5-13. Jan./Feb.1952. 65.8 In23
Societa Produttori Zucchero.

65271 VSESOIUZNYI TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SAKHARNOI PROMYSHLENNOSTI. UKRAINSKII FILIAL. Sowing pelleted seeds [of sugar beets]. (In Russian.) Dostizheniia Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1:85-86. Jan.1952. 20 D742

65272 WATSON, A. M. How the Windsor system works. Through Leaves 40(3):21-24. May 1952. 66.8 T41

65273 ZANNONI, L. Important research on beets. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:151-154. Apr.1952. 16 C72
Sugar beet culture.

Tobacco

65274 GUTIERREZ, M. E. How to grow Virginia tobacco. Gard. & Farm 1(8):38,40,42. Feb.1952. 25 G16
Philippines.

65275 HILL, A. V. The tobacco industry in Australia. Econ. Bot. 6:151-159. Apr./June 1952. 450 Ec7

65276 IPUCHA AGUERRE, J. Producción tabacalera del N. O. y posibilidades de su incrementación. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(28):28-29. Oct.1951. 9 Ar35

65277 LEER, R. VAN. Considérations sur quelques aspects de l'expérimentation culturale du tabac au Lomami. Cour. Agr. 17(6):1-3. Mar.19,1952. 24 C83

65278 SCOTT, W. A. Burley tobacco for cigarettes. Canada. Expt. Farms. Tobacco Div. Lighter 22(2):12-15. May 1952. 286.89 C16
Culture.

65279 SILVA, R. L. DA. Tobacco. (In Portuguese.) Gaz. do Agr. 4:65-66. Mar.1952. 24 G25
Culture in Mozambique.

65280 THAMS, J. C., and ZENONE, E. Uber sonnenscheindauer und globalstrahlung auf der Magadinoebene unter besonderer berücksichtigung des tabakanbaues. Landwirt. Jahrb. der Schweiz. (n.s.)1:139-180. 1952. 17 L23

HORTICULTURAL CROPS

Includes articles on general horticulture, and on varieties, breeding, cultural practices, and yield.

General

65281 ALLEN, E. J., and BURTON, L. H. 4-H gardening. Ark. Agr. Col. Ext. C. 359,rev.,29 p. Mar. 1951. 275.29 Ar4

65282 AMATEUR Gardening annual; a preview of the year's work, 1952. London,Collingridge,1952. 128 p. 80 Am12

65283 AMELINCKX, F. What are the reasons for the hard times our fruit tree nurseries are having? (In Flemish.) Cult. en Handel 18:227-228. Apr.1952. 80 C892

65284 AMERICAN ASSOCIATION OF NURSERYMEN. Proceedings, seventy-sixth annual convention, 1951. New Orleans,1951. 176 p. 81 Am3P

65285 BOCKWALTER, L., and others. Production cost-saving devices. Amer. Assoc. Nurserymen. Proc. 76:80-88. 1951. 81 Am3P

65286 BROWN, D. T. A year's propagation with Chaselectric seed raisers. Mr. Chase's Cloche Gard. Notes 11:58-61. Apr.1952. 80 M69
Vegetables and flowers.

65287 CHASE, J. L. H. Commercial cloche gardening. London,Faber and Faber,1952. 208 p. 90.13 C382CL

65288 CREECH, J. L. Air-layering with plastics. Pop. Gard. [Albany] 3(6):36-37,49. June 1952. 80 P812

65289 GANTE, J. Hints in sowing and keeping seeds. Plowman 8:297. Feb./Mar.1952. 276.8 P72

65290 GEHBAUER, F. Volkswirtschaft und pflanzenzüchtung. I. Höhere Bundeslehr- u. Versanst. f. Wein-, Obst- u. Gartbau. Mitt. 2:68-71. Mar.1952. 105.9 K696
English summary.

65291 GREEN, H. What about shade and heat? Nowest. Gard. & Homes 20(3):19. May 1952. 80 N813
Gardening under glass.

65292 HAMILTON, A. Stag club—with orchids. Nation's Business 40(6):58-59. June 1952. 286.8 N212
Men's Garden Club of Los Angeles.

65293 HEEK, H. M. VAN. Verbesserung des anzuchtverfahrens. Deut. Baumsch. 4:37-38. Feb.1,1952. 80 D486

65294 HILDRUM, E. Impressions on the information work in horticulture in U. S. A. (In Norwegian.) Norsk Hagetid. 68:64-70. (Cont.) Apr.1/15,1952. 80 N81

65295 INDUSTRY'S contribution to agricultural research. VI. Tilgate Horticultural Station. World Crops 4: 208-210. June 1952. 281.8 W892

65296 LOUWES, A. J. Het tuinbouwcentrum Huissen en zijn toekomstige ontplooiing [The garden center of Huissen and its development] Assen,Van Gorcum,1951. 98 p. 90.2 L95

65297 LUCKAN. Die mitwirkung der obstbaumschule bei der entwicklung eines wirtschaftlichen obstbaues. Deut. Baumsch. 4:98-102. Apr.1,1952. 80 D486
Reported by K. F. Luxem.

65298 MCKENNA, P. J. Coldframe gardening. Flower Grower 39(7):32. July 1952. 80 M72

65299 MARTYR, R. F. The proposed Pershore Institute of Horticulture. Worcestershire Agr. Chron. 20:135, 137,139,141,143. Feb./May 1952. 10 W892

65300 MAYER, L. E., and MOLL, A. C. Stokely's seed testing program. Food Packer 33(6):42,47. June 1952. 286.83 C165
Germination tests.

65301 OTTERLOO, I. W. VAN. Boskoop, centre d'arboriculture. I. Zaad-, Bloem- en Bollenwereld 16: 195,197. Apr.1952. 61.8 Z12

65302 PALMER, C. B. What is a clone? Westralian Farmers Co-op Gaz. 22:175-176. Mar.1952. 280.28 W522

65303 PICKETT, B. S. The National Garden Program. Amer. Assoc. Nurserymen. Proc. 76:135-138. 1951. 81 Am3P

65304 RICHMOND, A. C. Food production and the townsmen. Town & Country Planning 20:288-291. June 1952. 98.58 T66
Gardens and allotments.

65305 ROHRBACH, H. Leben und treiben in amerikanischen baumschulen. Deut. Baumsch. 4:85-88. Apr.1, 1952. 80 D486

65306 ROSE, R. C. More plants from a packet of seeds. Minn. Hort. 80:38-39. Mar.1952. 81 M66

65307 ROWLEY, G. D. Problems of labelling. Roy. Hort. Soc. J. 77:215-219. June 1952. 84 L84J

65308 SCHEIL, W. Etwas über die ausbildungsbestimmungen für gärtnerlehrlinge in Niedersachsen. Obstbauversring. Mitt. 7:34-35. Feb.1952. 85 J76

65309 SOUTH DAKOTA STATE HORTICULTURAL SOCIETY. Forty-sixth annual report, year ending June 30, 1951. Sioux Falls,1951. 20 p. 81 So86

65310 STOKE, H. F. Beginner's guide to budding and grafting. Pop. Gard. [Albany] 3(3):40-41,79-82. Mar. 1952. 80 P812

65311 UNION OF SOUTH AFRICA. DEPT. OF AGRICULTURE. Registered nurseries and dealers in plants and trees, 1951-1952. Johannesburg,1952. 26 p. 225 So823

65312 WELLS, J. S. Pointers on propagation; light, heat and water. Amer. Nurseryman 95(11):11,42-45. June 1,1952. 80 Am371

65313 WEST VIRGINIA HORTICULTURAL SOCIETY. Partial proceedings 1952 convention. Mountaineer Grower 22(190),60 p. Feb.1952. 80 M86

Fruits--General

65314 BARBIERI, A. General rules for the planting of fruit trees. (In Italian.) Agr. Vicentina 82(5):1-2. Mar.1,1952. 16 Ag8257

65315 BEDDALL, J. L. Fruit growing in the 18th century. Worcestershire Agr. Chron. 20:151,153,155, 157. Feb./May 1952. 10 W892

65316 BLOK, J. J., VRIJHOF, B., and OELE, L. C. Chemical thinning of fruit blossoms. (In Dutch.) Fruitteelt 42:314-315. Apr.17,1952. 86 N28

65317 BRAMES HALL, C. W. There's still scope for fruit; grubbing for a new start. Fruit-Grower 2943:955-956. May 22,1952. 80 F941

65318 BUSH, R. Dutch growers are trying out new varieties of fruit. Grower [London] 37:1234-1236. (Cont.) May 31,1952. 286.83 M34

65319 COLIN, G. Étude historique de la pomologie. Cong. Pomol. de Lorraine. Compt. Rend. 4:44-56. 1951. 93.09 C7692
Includes discussion.

65320 CONGRÈS POMOLOGIQUE DE LORRAINE. 4TH, EPINAL, 1949. Compte-rendu. Epinal,1951. 128 p. 93.09 C7692

65321 CORNU, C. La technique de l'imperméabilisation des greffes "paraffinage." Agr. Prat. 116:261. May 1952. 14 J82
Fruit.

65322 COUTANCEAU, M. Mission d'études de la production fruitière dans l'Est des Etats-Unis. Rev. Hort. 124:645-652. (Cont.) Feb.1952. 80 R32

65323 DANGUY, A. La production fruitière dans les Vosges; monographie des principales espèces fruitières. Cong. Pomol. de Lorraine. Compt. Rend. 4:61-70. 1951. 93.09 C7692
Includes discussion.

65324 DEKKER, P. Zelf fruit kweken; een praktisch boek voor de tuinbezitter om zelf mooi en veel fruit te kweken op de meest doelmatige en voordelige wijze [Fruit growing; a practical book for the gardener for growing fine and plentiful fruit in the most efficient and profitable manner]. Amsterdam,Breughel,1951? 213 p. 93.25 D36

65325 DREILING, F. R. Orchard rotation and tree removal. Va. Fruit 40(3):42,44. Mar.1952. 81 V81B

65326 ENGLERT. Welcher obstbau lohnt sich noch? (Betrachtungen zum obstjahr 1951). Obstbau 71:19. Feb. 1,1952. 80 Ob73

65327 FERLENIUS, G. R. Frukt och bär till husbehov [Fruit and berries for home consumption]. Göteborg, ICA-Förlaget,1951. 111 p. 93.27 F38

65328 FRANCOTTE, C. Amateurs! Taillez vos arbres, formez-les! Cour. Hort. 14:140-141. Mar.1952. 80 C834
Fruit.

65329 GUILLAUMIN, A. Les arbres fruitiers en Nouvelle-Calédonie. Fruits 7:147-148. Apr.1952. 80 F9492

65330 HEINRICH, H. Obstbau und vegetarische bewegung. Obstbau 71:23. Feb.1,1952. 80 Ob73

65331 HILKENBÄUMER, F. Grundriss des obstbaues. Ed. 2. Radebeul,Neumann,1951. 71 p. 93.26 H542G

65332 HILKENBAUMER, F. Qualitätssteigerung im bäuerlichen obstbau. Landwirt. Z. der Nord-Rheinprov. 119:425-426. Apr.26,1952. 18 L2344

65333 JONGE, C. DE. Is chemical thinning of flowers desirable? (In Dutch.) Betuws Tuinbouwbl. 10(4):4. Apr.19,1952. 80 B464
Fruit.

65334 JØRGENSEN, S. J. The consultant report for 1950-51. (In Danish.) Erhvervsfrugtavleren 18:83-89. Jan.1952. 80 Er3
Advisory services in fruit growing.

65335 KARNATZ, H. Welche sämlingsunterlagen haben sich bisher in der baumschule am besten bewährt? Deut. Baumsch. 4:96-98. Apr.1,1952. 80 D486
Rootstocks for fruit.

65336 LECRENIER, A. La culture fruitière aux Etats-Unis. Rev. de l'Agr. 5:483-487. May 1952. 13 R322

65337 LEGHIS, L. M. L'observation en arboriculture. Paysan Franç. 27(413):44. May 1952. 14 P29

65338 LESCA, V. Prospects and future of fruit culture in Valtellina. (In Italian.) Rass. Econ. della Prov. di Sondrio 5(3):4-7. Mar.1952. 287 So5

65339 MARION, J. P. La taille et la production fruitière. Cong. Pomol. de Lorraine. Compt. Rend. 4:57-60. 1951. 93.09 C7692

65340 MAURER, K. J. Entrümpelung in der winterzeit. Hess. Obstbau 7:6-7. Jan.1952. 80 G1932

65341 MAUER, K. J. Ist der bäuerliche mostobstbau zu fördern? Obstbau 71:18-19. Feb.1,1952. 80 Ob73

65342 MOROCCO. (SPANISH ZONE). SERV. AGRONÓMICO. Plantones disponibles para la campaña 1951-52 y reglas practicas para las plantaciones. Morocco. (Sp. Zone). Serv. Agron. Hoja de Inform. 75,15 p. Nov.1951. 24 M823
Includes directions for planting fruit trees.

65343 NEDERLANDSE FRUITTELERS ORGANISATIE. Annual report of the Fruit Grower's Organization of the Netherlands for the year 1951. (In Dutch.) Fruitteelt 42:316-320. Apr.17,1952. 86 N28

65344 PADFIELD, C. A. S. Trials with various grafting materials. Orchardist New Zeal. 25(3):4-5,7. Apr.5,1952. 80 Or19

65345 PALMER, R. C. The fruit areas of America. British Columbia's Okanagan Valley. Amer. Fruit Grower 72(6):12-13,29. June 1952. 80 G85

65346 PASCOE, W. B. Apple grower tells of Orange. Grower [Adelaide] 6(9):34,37-38. Mar.1952. 80 G912
Fruit production in New South Wales.

65347 PROCTER, C. Night temperature may spoil set. Grower [London] 37:1183. May 24,1952. 286.83 M34
Fruit.

65348 RASMUSSEN, P. Impressions from a study trip to England. (In Danish.) Erhvervsfrugtavleren 18:111-117. Feb.1952. 80 Er3

65349 ROSAND, J. Quel mode de greffage choisir? Révell Agr. 61:148-149. May 15,1952. 14 R322
Fruit.

65350 SCARAMUZZI, D. Prospettive di sviluppo delle colture legnose da frutto in Puglia [Outlook for the development of fruit tree culture in Puglia]. Ente per lo Sviluppo della Irrig. [P.] 3,70 p. 1951. 54.9 En8

65351 SCHNELL. Die verhütung der strahlungsschäden im obstbau. Hess. Obstbau 7:5-6. Jan.1952. 80 G1932

65352 SHEWELL-COOPER, W. E. Fruit growing, cooking & preserving. London,Wingate,1951. 188 p. 93.24 Sh5

65353 SLATE, G. L. Lovely to look at, fun to grow and good to eat, new fruits. Pop. Gard. [Albany] 3(3):34-35,89-91. Mar.1952. 80 P812

65354 SLATE, G. L. Not commonly grown, uncommonly good, fruits and nuts. Pop. Gard. [Albany] 3(4):34-35,80-82. Apr.1952. 80 P812

65355 SMITS, J. The thinning of fruit. (In Dutch.) Boer en Tuinder 6(276):8. May 17,1952. 12 B632
Netherlands.

65356 SOENEN, A., and AERTS, R. L'année météorologique 1951 dans la région fruitiére du Limbourg. Agricultura [Louvain] 49:186-199. Dec.1951. 13 R32
English summary.

65357 THOMPSON, A. H. Thinning apples and peaches with chemical sprays. Mountaineer Grower 22 (190):22-26. Feb.1952. 80 M86

65358 TICO, L. La poda, operación decisiva. Cult. Mod. 35:127-128. Apr.1952. 15 C89
Fruit.

65359 WAYDBRINK, W. VON DER. Die verwendung von obstgehölzen bei der anlage von feldschützenden waldstreifen und feldhecken im rahmen der landschaftsgestaltung. Deut. Landwirt. 3:150-157. Mar.1952. 18 D4822
Russian Zone.

65360 WELS. 10 grundregeln zum schnitt von obstbäumen. Hess. Obstbau 6:182-183. Dec.1951. 80 G1932

65361 WENCK, F. Ein fünfzehnjähriger versuch mit dem Oeschbergschnitt. Obstbau 71:34-35. Mar.1,1952. 80 Ob73

65362 WIRTH, A. G. Sinn und bedeutung der fruchtholzbekandlung im humiden klima. Pflanze u. Gart. 2(2): 1-7. Feb.1952. 80 P48

65363 ZELL. Obstbau mit oder ohne unterkultur? Hess. Obstbau 7:7-8. Jan.1952. 80 G1932

Fruits--Citrus and Subtropical

65364 AIYADURAI, S. G. Methods of increasing production in coconut. Madras Agr. J. 39:185-186. Mar. 1952. 22 M262

65365 AMBROSE, C. Vertical or horizontal? Which is the correct method of planting out seed-nuts? Ceylon Coconut Q. 2:169-171. Oct./Dec.1951. 77.8 C33

65366 ANNUAIRE DES AGRUMES NORD-AFRICAINES. Annuaire nord-africain de l'arboriculture fruitière. Alger,1951. 205 p. 80 An78
Includes La progression des plantations fruitières en Afrique du Nord, by A. Hauville,

65367 ARANGO, R. Cultivo de las frutas cítricas. Campo [Tacuba] (ser.2)20(721):91-92,94-95. (Cont.) Mar.31,1952. 8 C157

65368 AZZI, R. Culture of bananas on the São Paulo coast. (In Portuguese.) Colheit. e Mercados 8: 7-8. Jan./Feb.1952. 255.3 Sa652

65369 BARNEY, J. W. West Coast mangos of early days. (Extr.) In Florida Mango Forum. Mango studies, p.24-25. Stuart,1951. 93.45 F66

65370 BASAVARAJ, K. M. Orange in Mysore and Malnad. Mysore Agr. J. 27:92-99. Oct./Dec.1951. 22 M993
Culture.

65371 BRAVO, A. F. Comentarios sobre el cultivo del olivo en la Pcia. de Corrientes. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(28):6-16. Oct.1951. 9 Ar35

65372 BRICHET, J. Les agrumes actuellement cultivés et la nécessité de standardiser notre production par la sélection des greffons. Fruits et Primeurs de l'Afrique du Nord 22:140-142. Apr.1952. 80 F9482

65373 CERVI, B. Como formar un olivo perfecto. Mundo Agr. 4(35):14. Apr.1952. 9 M92

65374 CHEYNE, O. B. M. "Cruciform" planting holes for hard ground. Ceylon Coconut Q. 2:179. Oct./Dec.1951. 77.8 C33

65375 CONTRACTOR, J. The choicest fruit of Hindustan. In Florida Mango Forum. Mango studies, p.127-132. Stuart,1951. 93.45 F66

65376 DELPHEY, C. C. Avocado variety plots set up in Ventura County. Citrus Leaves 32(6):18. June 1952. 80 C482

65377 DORASAMI, L. S. Ficus palmata as a stock for fig. Mysore Agr. J. 27:83-85. Oct./Dec.1951. 22 M993

65378 FAIRCHILD, D. On the introduction of the mango into Florida. In Florida Mango Forum. Mango studies, p.12-17. Stuart,1951. 93.45 F66

65379 FLOREAL MARSICO, D. Informe sobre el cultivo y la industria del olivo. B. de Oleicult. Internatl. 2(6):56-57. Jan./Feb.1952. 307.8 B63

65380 FLORIDA MANGO FORUM. Mango studies; compilation of papers presented over the past ten years, on culture, marketing and preservation of this fruit. Stuart,1951. 156 p. 93.45 F66

65381 FRITH, H. J. A factorial field experiment with citrus, farm 466. Irrig. Res. Sta. Int. Rpt. 13,10 p. June 1951. 55.9 G87I

65382 GALLI, O. Culture of pineapple. (In Portuguese.) Colheit. e Mercados 8:5-6. Jan./Feb.1952. 255.3 Sa652

65383 HARKNESS, R. W., and COBIN, M. Haden mango maturity observation during 1950. In Florida Mango Forum. Mango studies, p.141-146. Stuart,1951. 93.45 F66

65384 HARTMANN, H. T. Post-bloom spray thinning of olives. Calif. Olive Indus. News 7(2):1-2. May 1952. 80 OL43

65385 KING, H. W. Frost hazard; review of steps taken to avoid damage to trees and fruit in susceptible areas. Citrus News 28:57. Apr.1952. 80 C494

65386 KOS, IU. I. Innovation in the cultivation of citrus crops in pots and vats. (In Russian.) Priroda 40 (12):51-53. Dec.1951. 410 P933

65387 LIEBERMAN, J. Expansion of the acreage of subtropical fruit trees. (In Hebrew.) Hassadeh 32:129-132. Dec.1951. 26 H27

65388 A LIST of mango varieties introduced by the U. S. Department of Agriculture Bureau of Plant Industry 1899-1937. In Florida Mango Forum. Mango studies, p.64-70. Stuart,1951. 93.45 F66

65389 LOVERING, F. W. Palm shade sweetens Turnbull Hammock citrus. Fla. Grower 60(6):11-12,16. June 1952. 80 F6622

65390 LYNCH, S. J., and NELSON, R. Mango budding. In Florida Mango Forum. Mango studies, p.149-152. Stuart,1951. 93.45 F66

65391 LYNCH, S. J., and KROME, MRS. W. J. Mango varieties originating in Florida. In Florida Mango Forum. Mango studies, p.89-107. Stuart,1951. 93.45 F66

65392 LYON, A. V. The lemon tree, factors contributing to unthriftiness now under investigation in California. Citrus News 28:39. Mar.1952. 80 C494

65393 MANNINI, F. Olive growing in the Euganean Hills. (In Italian.) Oleario 1(2):3-4. Sept.15,1951. 94.7 OL2

65394 MARFIL, S. D. Smudging mangoes in C.L.A.C. [Central Luzon Agricultural College]. Agr. & Indus. Life 14(4):21. Apr.1952. 25 Ag8

65395 MARINUCCI, M. Studies and research on the olive. (In Italian.) Olivicoltura 7(1):1-3. Jan.1952. 80 OL42

65396 MARLOTH, R. H. The scientific development of citriculture in Southern Africa. Citrus Grower 219:2-9 Apr.30,1952. 80 C495

65397 MARQUESES, N. M. The correct methods of harvesting coconuts. Agr. & Indus. Life 14(4):14-15,45. Apr.1952. 25 Ag8
In the Philippines.

65398 MEITH, H. C. Citrus production in the Southern States. Calif. Citrog. 37:318,342-345. June 1952. 80 C125

65399 MIÈGE, E. Le palmier-dattier au Maroc. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32(351/352): 28-32. Jan./Feb.1952. 26 R323

65400 OCHSE, J. J. Mango culture. In Florida Mango Forum. Mango studies, p.30-31. Stuart,1951. 93.45 F66

65401 POPENOE, W. Mangos in tropical America. In Florida Mango Forum. Mango studies, p.18-20. Stuart,1951. 93.45 F66

65402 PY, C. L'ananas à Cuba. Fruits 7:180-182. Apr.1952. 80 F9492

65403 RAUH, W. Der palmenwald von Elche. Kosmos 48:22-24. Jan.1952. 474 K842

65404 RENAUD, M., and CHAUX, C. Les principales variétés d'oliviers cultivées dans le Département de Constantine (Algérie), leurs caracteres, qualités et aire d'adaptation. Feuille d'Inform. Oleicoles (n.s.)14:888-901. Fourth Q.1951. 80 F432

65405 ROBINSON, T. R. The mango on the Florida West Coast. In Florida Mango Forum. Mango studies, p.21-23. 93.45 F66

65406 ROHRBAUGH, P. W. Sour orange saves day as salt kills trifoliate roots. Tex. Farming & Citricult. 28 (12):6. June 1952. 80 T81
Citrus rootstocks.

65407 ROSS, A. A. Citrus growing. Queensland Agr. J. 74:187-209. Apr.1952. 23 Q33

65408 RUTHERFORD, D. M. Citrus in Fresno County. Calif. Citrog. 37:322,339-340. June 1952. 80 C125

65409 STURROCK, D. The influence of the Indian and Philippine mangos on the development of the mango in Florida. In Florida Mango Forum. Mango studies, p.84-88. Stuart,1951. 93.45 F66

65410 STURROCK, D. The pruning of mango trees. In Florida Mango Forum. Mango studies, p.43-46. Stuart,1951. 93.45 F66

65411 STURROCK, T. T. A study of the identification of mango varieties in Florida. In Florida Mango Forum. Mango studies, p.71-83. Stuart,1951. 93.45 F66

65412 ZILL, L. Top working of mango trees. In Florida Mango Forum. Mango studies, p.147-148. Stuart,1951. 93.45 F66

Fruits--Deciduous

65413 AUBERT, P. Peut-on éviter chez le pommier l'alternance des récoltes? Rev. Romande d'Agr. de Viticult. et d'Arboricult. 8:37-39. May 1952. 17 J82A

65414 BIANCHI, D. La explotación del manzano. VII-XI. Uruguay. Min. de Ganad. y Agr. B. Inform. 407: 9; 408:2; 409:2; 412:2; 413:21-22. Mar.13-27,Apr.24-30, 1952. 9.9 G15B

65415 BIJL, D. DE. Topgrafting of fruit trees. (In Dutch.) Betuws Tuinbouwbl. 10(3):4-5. Apr.5,1952. 80 B464

65416 BINDER, G. Zwei winterbirnensorten für den liebhaber. Obstbau 71:39-40. Mar.1,1952. 80 Ob73

65417 CAUWENBERGHE, E. VAN. Pear trees grafted on quince rootstocks with sandwich graft. (In Flemish.) Tuinbouwberichten 16:59-60,57. Apr.15,1952. 80 T817

65418 CERULIS, A. Reine-Claude d'Althann (Conducta). (In Flemish.) Cult. en Handel 18:232-233. Apr. 1952. 80 C892
Plum variety.

65419 DEKKER, P. High quality and best yields from the improved Lepage system. (In Flemish.) Cult. en Handel 18:216-218. Apr.1952. 80 C892
Fruit.

65420 DEKKER, P. More and better fruit from Goudreinette. (In Flemish.) Cult. en Handel 18:270-272. May 1952. 80 C892
Apple variety.

65421 DERMINE, E., and LIARD, O. Étude sur la Reine Claude d'Althan. Fruit Belge 20:22-28. (Cont.) Ref. Feb.1952. 80 F9493
Plum variety.

65422 EJSING, G. The "Oeschberg-schnitt," the Swiss pruning method. (In Danish.) Erhvervsfrugtavleren 18:146-152. Mar.1952. 80 Er3

65423 EJSING, G. Spreading of spores and time for spraying apple orchards. (In Danish.) Erhvervsfrugtavleren 18:108-112. Feb.1952. 80 Er3
Scab.

65424 ERLANDSEN, B. Observations after the fruit grower field days. (In Danish.) Erhvervsfrugtavleren 18: 188-190. Apr.1,1952. 80 Er3
Pruning of fruit trees.

65425 HABRAN, R. Le poirier. VI. B. Hort. (n.s.)7: 53-55. Feb.1,1952. 80 B873

65426 HAVIS, L. What are your problems in peach production? Mountaineer Grower 22(190):47,49-50. Feb.1952. 80 M86

65427 HOARD, W. R. Careful pruning held key to lush cherry crop by Wenatchee Heights grower. West. Fruit Grower 6(5):29-30. May 1952. 95.8 G762

65428 HORSFALL, F., JR. Spray thinning of apples. Va. Fruit 40(3):32,34,38. Mar.1952. 81 V81B

65429 KARNATZ, H. Einige ratschläge zur stratifikation des kernobstes. Obstbauversring. Mitt. 7:31-32. Feb.1952. 85 J76

65430 KRÜSSMANN. Etwas über die mispel, Mespilus germanica. Deut. Baumsch. 4:43-45. Feb.1,1952. 80 D486

65431 LEGHIS, L. M. La reine des poires d'hiver: la Passe Crassane. Paysan Franç. 27(413):40. May 1952. 14 P29

65432 LJONES, B. Notes on Åkerø on 6 different rootstocks. (In Norwegian.) Gartneryrket 42:323-326, 328. May 3,1952. 80 G1938

65433 LOUVAIN, P. Pour réussir la culture du pommier en Provence. Réveil Agr. 61:149. May 15, 1952. 14 R322

65434 LUSIS, E. Ist das spezifische gewicht der äpfel ein sortenkennzeichen? Hess. Obstbau 6:184-185. Dec.1951. 80 G1932

65435 MANN, A. J., and KEANE, F. W. L. The Kendall apple in British Columbia. Fruit Varieties & Hort. Digest 6:79. Winter 1951,pub.May 1952. 80 F9464

65436 MULLER, H., and VANICEK, K. H. Zur frage des schnittes von apfelspindeln. Deut. Landwirt. 3:157-164. Mar.1952. 18 D4822

65437 MURNEEK, A. E. Chemical spray thinning of apples. Mo. State Hort. Soc. Hort. News, Apr.1952:3-4. 81 M692H

65438 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. The pruning of apple trees. North. Ireland. Min. Agr. L. 34,8 p. Apr.1952. 10 N81

65439 PIERRE, P. Le cerisier dans la Vôge. Cong. Pomol. de Lorraine. Compt. Rend. 4:71-85. 1951. 93.09 C7692
Includes discussion.

65440 REYNTENS, H. Intensive culture of high crowned orchards. XIII-XIV. (In Flemish.) Tuinbouwberichten 16:56-57,71-74. Apr.15-May 15,1952. 80 T817

65441 ROACH, F. A. Shaping the nursery fruit tree, fashions now favoured by apple growers. Nurseryman & Seedsman 114:1168-1169. Apr.17,1952. 80 N933

65442 RODRIGO, P. A. The apple and its possibilities in the Philippines. Gard. & Farm 1(7):18,32-33. Jan.1952. 25 G16

65443 SCHANDERL, H. Gibt es selbstfruchtende apfelsorten? Obstbau 71:37-38. Mar.1,1952. 80 Ob73

65444 STAHEL, M. Schnitt- und pflege der zwetschgen- und pflaumenhochstämme. Schweiz. Gärtztg. 55(11): 2-3. Mar.20,1952. 80 G1939

65445 VAHL, E. VON. Die züchterische verbesserung unserer apfelsorten. Obstbauversring. Mitt. 7:22-25. Feb.1952. 85 J76

65446 WARD, K. M. The apple. Queensland Prod. 33(36):12-14; (37):14-15. (Cont.) Mar.19-26,1952. 23 Q35

65447 WHITTAKER, E. C. Pear growing in New South Wales. Agr. Gaz. N. S. Wales 63:132-134. (Cont.) Mar.1952. 23 N472

Fruits--Small

65448 ADYLBEKOV, A., BUZIN, N., and GORBACH, V. Grape load of vines and yields of grapes in Uzbekistan. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):39-43. Aug.1951. 95.8 V77

65449 ARCHER, E., GAUTHIER, M., and PETIT, M. J. Une production nouvelle: la fraise d'Auvergne. France. Min. de l'Agr. B. Tech. d'Inform. 68:235-243. Apr.1952. 14 F844B

65450 BASTELEUS, R. Recépage et regreffage, moyens de reconstitution des vignes. B. Hort. (n.s.)7: 72-76. Mar.1,1952. 80 B873

65451 BERTHAULT, P. La vigne, création française en Algérie. Rev. Agr. de l'Afrique du Nord 50:145-147. Feb.29,1952. 80 R326

65452 BIJL, H. DE. Gooseberry culture. (In Dutch.) Betuws Tuinbouwbl. 3(5):3-4. May 3,1952. 80 B464

65453 BRANAS, J. Les projets viticoles. Prog. Agr. et Vitic. 137:307-309. June 1/8,1952. 14 P94

65454 BRUNI, B. Clones of grapes and the concept of variety. (In Italian.) Gior. di Agr. 62:151. May 18, 1952. 16 It1G

65455 COLLET, B. Comportement des porte-greffes employés en Tunisie pour la reconstitution du vignoble. Tunisie Agr. 53:27-37. Mar.1952. 24 T832

65456 CORNU, C. Du nouveau dans le vignoble: la paraffine perfectionnée (emulsion paracire). Rev. Agr. de l'Afrique du Nord 50:82-84. Feb.1,1952. 80 R326

65457 COUPIN, A. La vigne et le vin en Espagne et au Portugal. Feuille d'Inform. Vitic. et Arbor. de Tunisie 27:1-23. Feb.1952. 80 F433

65458 CROCE, F. M. Cosecha de cerezas. Pampa Argentina 25(292):18-19,27. Apr.1952. 9 P19

65459 FINET, F. La culture du fraisier sous cloches continues. Cour. Hort. 14:155-156. Mar.1952. 80 C834

65460 GERRITSEN, J. D. Small fruit culture in America. IX. (In Dutch.) Betuws Tuinbouwbl. 10(3):3. Apr.5,1952. 80 B464

65461 GERRITSEN, J. D. Small fruit growing in America. X. (In Dutch.) Betuws Tuinbouwbl. 10(4):3. Apr.19,1952. 80 B464

65462 HENGL, R. Über das veredeln von weinreben. Höhere Bundeslehr- u. Versanst. f. Wein-, Obst- u. Gartbau. Mitt. 2:50-59. Mar.1952. 105.9 K696
English summary.

65463 KRONENBERG, H. G. An E.C.A. tour for the study of small fruits. (In Dutch.) Euphytica 1:64-68. Feb.1952. 450 Eu6
English summary.

65464 KRUIJK, P. A. Spring measures in grape greenhouses. (In Dutch.) Groenten en Fruit 7:862. May 8,1952. 80 G89

65465 LEYVRAZ, H. Le pincement de la vigne. Rev. Romande d'Agr. de Viticult. et d'Arboricult. 8:26-27. Apr.1952. 17 J82A

65466 LOMKATSI, S. I. On increasing the load of grapevines in Georgia [U.S.S.R.]. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):30-32. Aug.1951. 95.8 V77

65467 LOUDON, E. G. BARON VON. Erfahrungen mit erdbeeren die in gemeinschaftspflanzung mit gemüsen kultiviert wurden. Pflanze u. Gart. 2(4):15-17. Apr. 1952. 80 P48

65468 LUQUE, J. A. El mugron de otoño. Chacra 22(258):30-31. May 1952. 9 C34
Grape propagation.

65469 MADDERN, A. G. Cincturing sultanas. Austral. Dried Fruits News 27:18. Jan./Mar.1952. 286.83 Au72

65470 MALAN, E. F. Can grapes be cultivated in the lowveld? Farming So. Africa 27:246,253. Apr.1952. 24 So842

65471 MARIMAN, G. Viticulture septentrionale en plein air. Cour. Hort. 14:136-139. (Cont.) Mar.1952. 80 C834

65472 NEDEL'CHEV, N., KONDAREV, M., and AIRANOV, Z. Lozarstvo [Viticulture], pt. 2. Sofiia, Zemizdat,1951. 175 p. 95.3 N28L

65473 ORSAT, C. O. Greffage et paraffinage des plants de vigne. Rev. Agr. de l'Afrique du Nord 50:96-99. Feb.8,1952. 80 R326

65474 RAPHAEL, T. D. The selection, treatment and marketing of berry fruits. Grower [Adelaide] 6(9): 14,16. Mar.1952. 80 G912

65475 RIVEROS, J. E. Distancia a que debería plantarse la vid. Vinos, Viñas y Frutas 46:383,385-386. Mar.1952. 9 Ag89

65476 SNYDER, L. C. Strawberries for Minnesota. Minn. U. Agr. Ext. Folder 162,8 p. Mar.1952. 275.29 M66Ex

65477 STEINGRUBER, P. Zum thema hochkultur. Höhere Bundeslehr- u. Versanst. f. Wein-, Obst- u. Gartbau. Mitt. 2:45-49. Mar.1952. 105.9 K696
English summary.
Grapes in Austria.

65478 TSEITLIN, M. G. Urgent problems in grape culture of Uzbek SSR. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):43-44. Aug.1951. 95.8 V77

65479 WAIN, R. L., WHITAKER, J. C., and WIGHTMAN, F. Rooting of hardwood gooseberry cuttings. Gard. Chron. 131:150. May 3,1952. 80 G162

65480 ZILLIG, H. 30 jahre Institut für Weinbau der Biologischen Bundesanstalt. Nachrbl. des Deut. Pflanzenschutzdienstes 3:148-149. Oct.1951. 442.9 B832

Nuts

65481 ALVERAES, W. Edelkastanie und olive, zwei fruchtbäume der mittelmeerländer. Pflanze u. Gart. 2(2):21-22. Feb.1952. 80 P48

65482 BRIERLEY, W. G., and HODGSON, R. E. Growing nut trees in Minnesota. III. Minn. Hort. 80:46-47. Mar.1952. 81 M66

65483 COMMISSION INTERNATIONALE DES INDUSTRIES AGRICOLES. Documentation bibliographique sur le noyer. (Surtout les travaux Américains). Paris,1952. 7 p. (B/2427) 241 C733
Culture.

65484 CROCE, F. M. Descripción de variedades de almendros. Vinos, Viñas y Frutas 46:387-392. Mar. 1952. 9 Ag89

65485 LLOBET, I. La poda del almendro. Balearic Isl. Diputación Prov. B. de Agr. 90:4. Mar.1952. 15 B19

65486 MCDANIEL, J. C. Colby, a hardy Persian walnut for the Central States. Fruit Varieties & Hort. Digest 6:72-75. Winter 1951,pub.May 1952. 80 F9464

65487 MAURER, K. J. Ein beitrag zur gewinnung bewurzelter abrisse bei einigen Juglansarten. Schweiz. Z. f. Obst- u. Weinbau 61:187-189. May 17,1952. 80 Sch9

65488 PARSONS, H. W. Harvesting almonds. Grower [Adelaide] 6(8):17-18. Feb.1952. 80 G912

65489 SMITH, R. E. The Burbank royal hybrid walnut tree. Diamond Walnut News 34(3):10-11. May 1952. 94.68 D34

Shade Trees and Ornamental Plants

65490 ADAMS, A. N. Hardiness report on Glenn Dale Azaleas. Pop. Gard. [Albany] 3(3):19-20. Mar.1952. 80 P812

65491 ALLEN, H. H. Preparing roses for exhibition. Amer. Rose Mag. 10(5):11-13. May 1952. 80 Am327A

65492 AMBROSINI, I. An Alpine garden. (In Italian.) Gior. di Agr. 62:142. May 4/11,1952. 16 It1G

65493 AMERICAN ORCHID SOCIETY. Handbook on judging and exhibition. Cambridge,1949. 48 p. 96.2 Am3H

65494 AMERICAN ROSE SOCIETY. American rose annual, 37, 1952. Harrisburg,1952. 271 p. 81 Am31A

65495 ANDERSON, E. Modern Iris do need culture. Minn. Hort. 80:43. Mar.1952. 81 M66

65496 ANDREWS, W. S. What's in a name? No. Amer. Gladiolus Council. B. 29:95,97. Mar.1952. 96.43 N81

65497 ARELLANO, R. C. Roses in eighteenth century painting. Amer. Rose Annu. 37:172-174. 1952. 81 Am31A

65498 ARMSTRONG, J. A. Roses from a nurseryman's viewpoint. Amer. Rose Annu. 37:37-40. 1952. 81 Am31A

65499 ARNOLD, R. E. Odontoglossum rossii. Orchid Rev. 60:76. May 1952. 80 Or15

65500 ASHTON, L. S. Iris parade. Org. Gard. 20(6): 30-31,53-55. June 1952. 56.8 Or3

65501 AUSTIN, L. For a garden of enchantment:Iris the year 'round. Golden Gard. 16(8):4-5,20-21,28. June 1952. 80 G56

65502 BAILEY, R. What is your way with roses? Home Gard. 19(6):7-11. June 1952. 80 H756

65503 BAILLARGEON, W. L. Smokies, old and new. Maine Gladiolus Soc. Glad Book, 1952:56-57. 96.43 M28

65504 BALLARD, W. R. A new hybrid Hibiscus. Plant Life 8:155-157. 1952. 450 P695

65505 BALLARD, W. R. Progress in daylily breeding. Plant Life 8:96-97. 1952. 450 P695

65506 BARTHOLOMEW, F. Paint a picture with bearded Iris. Nowest. Gard. & Homes 20(3):5. May 1952. 80 N813

65507 BEALE, J. H. "In-between" pruning. Home Gard. 19(6):19-20. June 1952. 80 H756

65508 BEARD, E. Groundcovers are the answer. Flower Grower 39(7):30-31,56-57. July 1952. 80 M72

65509 BECKX, A. Le Chrysanthème:sa culture, ses ennemis. B. Hort. (n.s.)7:77-83. Mar.1,1952. 80 B873

65510 BEHRENDS, D. S. Begonia 'Tamo,' bred to take it. Begonian 19:120-122. June 1952. 96.511 B39

65511 BEILMANN, A. P. What tree shall I plant? St. Louis. Acad. Sci. Trans. 31(6),44 p. n.d. 500 Sa2T

65512 BELL, J. R. Preparing for the busy planting season. Nurseryman & Seedsman 114:1236-1237. Apr. 24,1952. 80 N933
Chrysanthemums.

65513 BELLOT, R. Comment je cultive mes cactées et plantes grasses. Cactus [Paris] B. 17:3-5. (Concl.) Jan.31,1952. 450 C114S

65514 BERG, G. A. Floraen i farger [Flowers in pictures]. Oslo,Aschehoug,1951. 179 p. 459.1 B452

65515 BERG, J. Rhododendrons in Germany and in the Bremen Test Garden. Amer. Rhododendron Soc. Q. B. 6:85-87. Apr.15,1952. 81 Am398

65516 BERG, S. W. New variety test program. Glad Fan 6:9-10,15-16. Spring 1952. 80 G453

65517 BERNAHL, G. Rock gardens and rockeries. Gold Gard. 16(8):23-24. June 1952. 80 G56

65518 BIESALSKI, E. Frühlingsleuchten in meinem garten. Pflanze u. Gart. 2(4):21-24. Apr.1952. 80 P48

65519 BIESALSKI, E. Sinnvolle Irispflanzung. Pflanze u. Gart. 2(4):4-7. Apr.1952. 80 P48

65520 BLACKBURN, B. Plant for permanence, panicle Hydrangeas. Flower Grower 39(7):23-24. July 1952. 80 M72

65521 BLACKBURN, B. The plant in the picture, Bumalda Spiraea. Pop. Gard. [Albany] 3(6):38-39,52. June 1952. 80 P812

65522 BLACKBURN, B. The plant in the picture, Kousa dogwood [Cornus kousa]. Pop. Gard. [Albany] 3(4): 42,66-67. Apr.1952. 80 P812

65523 BOWES-LYON, D. Chelsea in retrospect. Field 199:860-861. May 31,1952. 10 F45
The Chelsea Flower Show.

65524 BRADFORD, J. S. It's easy to grow Camellias. South. Calif. Camellia Soc. Camellia Rev. 13(6):9,11,17. Mar.1952. 97.31 So82

65525 BREDEROO, A. J. Lobivia and Rebutia. (In Dutch.) Succulenta 3:48-49. May/June 1952. 450 Su12

65526 BRIMER, J. B. Annual vines. Pop. Gard. [Albany] 3(4):38-39,78-79. Apr.1952. 80 P812

65527 BROWN, D. M. The scientific approach to orchid culture. Amer. Orchid Soc. B. 21:235-239. Mar. 1952. 80 Am329

65528 BUCH, P. O. On hardy Gladiolus. No. Amer. Gladiolus Council. B. 29:41-43. Mar.1952. 96.43 N81

65529 BUCK, C. L. One Amaryllis bulb's family. Plant Life 8:116-117. 1952. 450 P695

65530 BUCK, G. J. Easier winter protection. Amer. Rose Annu. 37:71-73. 1952. 81 Am31A
In Iowa.

65531 BULLINGTON, R. T. Chrysanthemum culture from cuttings to blooms. Pop. Gard. [Albany] 3(5):28-29, 69-71. May 1952. 80 P812

65532 BURTON, L. H. House plants and their care. Ark. Agr. Col. Ext. L. 154,8 p.-folder. May 1951. 275.29 Ar4Le

65533 BURTON, L. H. Planting materials for Arkansas landscape designs. Ark. Agr. Col. Ext. Misc. P. 37, 35 p. 1951? 275.29 Ar4Mi

65534 BUTTERFIELD, H. M. Naming & registering Begonias. Begonian 19:130-131. June 1952. 96.511 B39

65535 CALVINO, E. M. Genetic problems of flowering plants. (In Italian.) Italia Agr. 89:215-231. Apr. 1952. 16 It1

65536 CARLETON, R. M. Let's make sense out of pruning. Amer. Rose Mag. 10(3):13-15. Mar.1952. 80 Am327A

65537 CASON, J. F. Fourth annual report on one man's idea of the twenty-five best glads as grown in Tennessee. Maine Gladiolus Soc. Glad Book 1951:5-7,9-11,13,15-17. 96.43 M28

65538 CASSEBEER, F. W. Get acquainted with a new generation of Iris. House & Gard. 101(6):112-113. June 1952. 80 H81

65539 CHANSLER, W. S. Wild bergamot [Monarda fistulosa]. Wild Flower 28:15. Jan.1952. 451 W642

65540 CHEVALIER, C. Les Araliacées ornementales. B. Hort. (n.s.)7:40-43,48. Feb.1 1952. 80 B873

65541 CHEVALIER, C. Les Bégonias en appartement. B. Hort. (n.s.)7:84-87. Mar.1,1952. 80 B873

65542 CHEVALIER, C. Quelques bonnes vieilles plantes. Rev. Hort. 124:643-644. Feb.1952. 80 R32

65543 CLARK, J. D. Growing peonies in the Panhandle of Texas. Amer. Peony Soc. B. 124:19-20. Mar. 1952. 81 Am38B

65544 COMMUNITY GARDEN LEAGUE OF GREATER MONTREAL. Annual report, 1950. n.p.,1951. 11 p. 82 C73

65545 CONGER, S. L. Louisiana Irises. III. Their three methods of culture. Green Thumb [St. Petersburg] 2(5):7-9. Feb.1952. 80 G822

65546 CORLISS, P. G. Daylilies, Dusky Sirens. Flower Grower 39(7):28,58-59. July 1952. 80 M72

65547 CORTVRIENDT, S. F., and GROOTE, R. DE. Die treiberei von einigen sorten Azaleen in einem vermiculite-substrat nach der methode der unterirdischen bewässerung. Schweiz. Gärtztg. 55(9):2-4. Mar.6,1952. 80 G1939

65548 COSTER, E. DE. Bromeliads in Ghent, Belgium. Bromeliad Soc. B. 2:18-19. Mar./Apr.1952. 451 B78

65549 COUTINHO, M. Styles in gardening. (In Portuguese.) Selec. Agr.7(71):23-25. (Cont.) Mar.1952. 9.2 Se4

65550 COWARD, C. C. How to have Camellias in March. Md. Gard. 6(3):9,12. Mar.1952. 80 M362

65551 COX, M. Tuberous Begonias are easy. Horticulture 30:83,117. Mar.1952. 80 H787

65552 CREASEY, L. B. Camellia japonica in the Cape Peninsula. Camellian 3:127-129. Mar.1952. 97.31 C14

65553 CROSBY, H. Cymbidium erythrostylum. Orchid J. 1:134-135. Mar.1952. 80 Or174

65554 CROSBY, H. W. Cymbidium parishii var. Sanderae. Amer. Orchid Soc. B. 21:318-319. Apr.1952. 80 Am329

65555 DAKERS, J. S. Shrub roses old and new. Homes & Gard. 34:57. July 1952. 318.8 Ou7

65556 DAUWALDER, D. D. Roses in the desert. Amer. Rose Annu. 37:175-178. 1952. 81 Am31A

65557 DEKKER, P. A peep at some nurseries in Sweden. (In Dutch.) Vakblad v. de Bloemisterij 7:137. Apr.18,1952. 80 V22
Ornamental plants.

65558 DELWORTH, C. Skilled application of cultural knowledge holds key to growing quality Chrysanthemums. Florists Exch. 108(22):8,11,22-23,42,44-45. May 31,1952. 80 F666

65559 DENTON, W. Cultivation of succulents. Cactus & Succulent J. Gt. Brit. 14(2):28-29. Apr.1952. 450 C113

65560 DE VRIES, G. B. Roses in Louisiana. Amer. Rose Annu. 37:153-154. 1952. 81 Am31A

65561 DICKEY, R. D. Hibiscus in Florida. Fla. Agr. Expt. Sta. B. 467,rev.,32 p. May 1952. 100 F66S

65562 DIX, J. F. C. Bulbs on the Keukenhof. Zaadwereld 16:95-96. Mar.1952. 61.8 Z12
Use in garden.

65563 DOBSON, H. W. How I root my Epiphyllum cuttings in England. Epiphyllum Soc. Amer. B. 7:28-29. Mar.5,1952. 81 Ep4

65564 DOBSON, T. J. Helps for new growers. Gladiolus Mag. 16(2):11-12,40. Apr.1952. 96.43 N44Suppl

65565 DOOLEY, G. Hybridizing notes. No. Amer. Gladiolus Council. B. 29:71-74. Mar.1952. 96.43 N81

65566 DÖRRENHANS, F. Die steppe im blumenkasten. Orion 7:360-362. May 1952. 474 Or4

65567 DOUGLAS, G. Pink decade. Pop. Gard. [Albany] 3(6):45. June 1952. 80 P812
Iris.

65568 DUNBAR, R. H. Planting and growing taped glad seeds. Gladiolus Mag. 16(2):24,44. Apr.1952. 96.43 N44Suppl

65569 DUNBAR, R. H. Taping Gladiolus seed. Gladiolus Mag. 16(2):21-23. Apr.1952. 96.43 N44Suppl

65570 DUURSMA, G. D. Cactussen en andere vetplanten [Cacti and other succulents]. Amsterdam,Kosmos,1951. 62 p. 96.3 D95C

65571 DUURSMA, G. D. Old but not out of date. (In Dutch.) Succulenta 3:45-46. May/June 1952. 450 Su12
Aporocatus flagelliformis and A. flagriformis.

65572 EDLIN, H. L. Flowering trees. Wood [London] 17:188-189. May 1952. 99.82 W855

65573 EDWARDS, J. P. Building up our rose societies. Amer. Rose Annu. 37:33-36. 1952. 81 Am31A

65574 ELTER, L. L'heliotrope. Cour. Hort. 14:149-151. Mar.1952. 80 C834

65575 EVERETT, C. A. Seedlings—which to keep. Maine Gladiolus Soc. Glad Book, 1952:27-28. 96.43 M28

65576 FAIRCHILD, L. M. Graceful little glads. Pop. Gard. [Albany] 3(4):30-31,75,77. Apr.1952. 80 P812

65577 FARNHAM, H. B. Summer care of African violets. Horticulture 30:228,249. June 1952. 80 H787

65578 FEATHERS, D. L. Growing Camellias on wheels. Camellian 3:136-139. Mar.1952. 97.31 C14

65579 FENNELL, T. A., JR. Cymbidiums for warm climates. Orchid J. 1:116-117. Mar.1952. 80 Or174

65580 FILLMORE, R. H. How to make summer cuttings. Flower Grower 39(7):34-35,60-61. July 1952. 80 M72

65581 FINCKENSTEIN, K. GRAF. Kleinere stauden für halbschattige lagen. Pflanze u. Gart. 2(4):11-15. Apr.1952. 80 P48

65582 FINCKENSTEIN, K. GRAF. Stauden für kleine gärten. Pflanze u. Gart. 2(3):10-13. Mar.1952. 80 P48

65583 FOERSTER, K. Blütezeitverlängerung. Pflanze u. Gart. 2(3):14-17. Mar.1952. 80 P48
Breeding of ornamental plants.

65584 FOERSTER, K. Neue gehölze verwandeln Europa. Deut. Baumsch. 4:57-60. Mar.1,1952. 80 D486

65585 FOGG, H. G. W. Polyanthus for spring colour. North. Gard. 6:57-58. Mar.1952. 80 N816
Primula elatior.

65586 FOLLINI, L. The Acqui avenue of plane-trees. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:155-156. Apr.1952. 16 C72
History of the trees.

65587 FOSTER, M. B. Fragrant Alstroemeria hybrids. Plant Life 8:91-92. 1952. 450 P695

65588 GAMBLE, J. A. Climbing sports of hybrid tea roses. Amer. Rose Annu. 37:90-100. 1952. 81 Am31A

65589 GANAY, E. DE. Les jardins de Chantilly. Rev. Hort. 124:639-642. Feb.1952. 80 R32

65590 GASTAUD, J. Remarques sur des valeurs absolues. Cactus [Paris] 7(31):29-31. (Cont.) Mar.15, 1952. 450 C114
Cactus culture.

65591 GELEIN, C. Orchids in the parlor. (In Dutch.) Amateur-Tuinder 35:49. Apr.1,1952. 80 V88

65592 GILMER, G. Selection of new Hemerocallis hybrids for garden value. Plant Life 8:132-133. 1952. 450 P695

65593 GINNS, R. Some American bulbs for the rock garden. Alpine Gard. Soc. Q. B. 20:79-82. Mar.1952. 84 AL6

65594 GIRAUD, H. Plantes aquatiques sur la Côte-d'Azur. Jard. de France 126:46-49. Feb.1952. 86 So13

65595 GODWIN, J. B. White in the garden. Gard. Gossip 27(6):13-14. June 1952. 80 G1625

65596 GOOT, R. W. VAN DER. Floriculture in Indonesia. (In Dutch.) Vakblad v. de Bloemisterij 7:124-125. Apr.11,1952. 80 V22

65597 GOULD, C. J. Problems in curing Iris. Florists Exch. 118(24):13. June 14,1952. 80 F666

65598 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Chrysanthemums. Gt. Brit. Min. Agr. & Fisheries. B. 92,rev.,50 p. 1952. 10 G794B

65599 GREEN, G. G. Uncommon succulents. Cactus & Succulent J. Gt. Brit. 14(2):34-39. Apr.1952. 450 C113

65600 GUILBERT, L. C. Grow better Cyclamens. Florists Exch. 118(24):11. June 14,1952. 80 F666

65601 HAGEN, W. As lovely as a tree. Golden Gard. 16(8):10,18. June 1952. 80 G56

65602 HAGER, F. D. A specimen Cymbidium plant. Amer. Orchid Soc. B. 21:250-251. Mar.1952. 80 Am329

65603 HAGER, H. Growing plants for exhibition. Amer. Orchid Soc. B. 21:252-256. Mar.1952. 80 Am329

65604 HAGER, H. Growth and flowering cycle. Amer. Orchid Soc. B. 21:320-323. Apr.1952. 80 Am329

65605 HALL, H. T. Bog primulas. North. Gard. 6: 54-56. Mar.1952. 80 N816

65606 HAMBLIN, S. F. Crooked trees are good, our plants unconventional in form to fit our moods. Landscape Architect. 42:80-82. Jan.1952. 80 L23

65607 HANNIBAL, L. S. xCrinodonna corsii clone Dorothy Hannibal. Plant Life 8:97-98. 1952. 450 P695

65608 HANOVER VERKEHRS- UND PRESSEAMT. Blumen und gärten in Hannover. Hannover,1951? 47 p. 97 H19

65609 HANSEN, C. African violets in the home. Golden Gard. 16(8):13,17,29. June 1952. 80 G56

65610 HARKNESS, B. Alliums listed in some European botanic garden seed exchanges, 1951. Plant Life 8:68-69. 1952. 450 P695

65611 HARPER, O. M. Roses for distant shows. Amer. Rose Annu. 37:111-114. 1952. 81 Am31A

65612 HARVEY, N. P. New roses in the British Isles. Amer. Rose Annu. 37:167-171. 1952. 81 Am31A

65613 HAVA, W. C. Chinese Hibiscus on the Gulf Coast. Plant Life 8:157-159. 1952. 450 P695

65614 HAYWARD, B. Let's make a garden of pinks. Horticulture 30:239. June 1952. 80 H787

65615 HAYWARD, M. Adventures of a hybridizing amateur. Maine Gladiolus Soc. Glad Book, 1952:13,15-17, 19,21. 96.43 M28

65616 HAYWARD, W. Crinum zeylanicum (?) in Florida. Plant Life 8:130-132. 1952. 450 P695

65617 HAYWARD, W. The Peruvian daffodils [Hymenocallis]. Plant Life 8:135-137. 1952. 450 P695

65618 HAZLEWOOD, H. H. Integrity in rose nomenclature. Amer. Rose Annu. 37:41-45. 1952. 81 Am31A

65619 HELLYER, A. G. L. Fine flowers at Chelsea. Country Life [London] 111:1650-1651. May 30,1952. 80 C83

65620 HELMS, W. S. Brief history of the Gladiolus. Gladiolus Mag. 16(2):9-10. Apr.1952. 96.43 N44Suppl

65621 HEMMING, E. S. The perfect mallow [Hibiscus] marvel. Plant Life 8:153-154. 1952. 450 P695

65622 HENRY, M. G. xHemerocallis, Gladwyne chimera. Plant Life 8:92-96. 1952. 450 P695

65623 HERMANN, L. Dahlien-neuheiten 1952. Gart.-Z. Illus. Flora 75:53-55. May 1952. 80 G1991

65624 HERTRICH, W. Cymbidium culture in the Huntington Botanical Gardens. Orchid J. 1:106-108. Mar.1952. 80 Or174

65625 HETHERINGTON, E. E. General cultural notes on Cymbidiums. Orchid J. 1:130-132. Mar.1952. 80 Or174

65626 HETHERINGTON, E. E. Temperature control for outdoor grown Cymbidiums in Southern California. Orchid J. 1:114-115. Mar.1952. 80 Or174

65627 HEUCK, C. P. Glad growers grow glads. Better Farming Methods 24(6):48-50. June 1952. 58.8 B46
Florida.

65628 HEUTTE, F. Norfolk, Virginia, the nation's new show place. Pop. Gard. [Albany] 3(3):26-29,64-69. Mar.1952. 80 P812

65629 HILLARY, C. C. New arrivals in the rose world. West. Austral. Dept. Agr. J. (n.s.)1:111-113. Jan./Feb.1952. 23 W52J

65630 HILLS, L. D. Is the Geranium revival genuine? Hort. Adver. 3591:11. Feb.27,1952. 84 H782

65631 HOGG, R. B. Cymbidiums in the open. Amer. Orchid Soc. B. 21:313-315. Apr.1952. 80 Am329

65632 HOLLEY, W. D., and WAGNER, D. L. The role of the second pinch in Carnation production timing. Colo. Flower Growers Assoc. B. 30:1-3. Apr.1952. 81 C715

65633 HOLTTUM, R. E. Porphyroglottis. Orchid J. 1:117. Mar.1952. 80 Or174

65634 HOTTES, A. C. Acacias, downy heads of gold. Horticulture 30:84-85. Mar.1952. 80 H787

65635 HOWARD, T. M. Some Texas Amaryllids. Plant Life 8:121-124. 1952. 450 P695

65636 HULIN, J. E. Try growing Dahlias from seed. Pop. Gard. [Albany] 3(4):40,64-65. Apr.1952. 80 P812

65637 HULL, H. S. Spring wildflowers. Pop. Gard. [Albany] 3(4):28-29,85-89. Apr.1952. 80 P812

65638 HULL, H. S. Wild flowers for your garden. New York,Barrows,1952. 280 p. 97.12 H87

65639 HUNT, T. E. Brief notes on the genus Cymbidium in Australia. Orchid J. 1:132-133. Mar.1952. 80 Or174

65640 HUNT, W. L. Amaryllids as garden material. Plant Life 8:119-120. 1952. 450 P695

65641 INGWERSEN, W. By request. Alpine Gard. Soc. Q. B. 20:68-75. Mar.1952. 84 AL6
Culture of rare alpine plants.

65642 INGWERSEN, W. Knowing & growing, gentians from the Himalayas. Nurseryman & Seedsman 114:628-629. Feb.28,1952. 80 N933

65643 INGWERSEN, W. More about Gentians. Nurseryman & Seedsman 114:1018-1019. Apr.3,1952. 80 N933

65644 INGWERSEN, W. Round and about in British rock gardens. Amer. Rock Gard. Soc. B. 10:18-24. Mar./Apr.1952. 81 Am342

65645 INGWERSEN, W. Types and styles of rock garden. Gard. Illus. 69:160-161. June 1952. 80 G169

65646 JAEGER, E. C. Rainbow in the ground. Pacific Discovery 5(2):12-19. Mar./Apr.1952. 500 P112
Wildflowers in the desert regions of North America.

65647 JEFFERSON-BROWN, M. J. The genus Narcissus. Gard. Chron. 131:168-169. May 17,1952. 80 G162

65648 JEFFORDS, D. B., and MUENCH, J. Lilies that bloom in deserts. Pacific Discovery 5(2):20-21. Mar./Apr.1952. 500 P112
Yucca.

65649 JOCOBI, E. F. L'amélioration de l'assortiment de plantes ornementales. Zaad-, Bloem- en Bollenwereld 16:193. Apr.1952. 61.8 Z12

65650 JOHNSON, A. T. The smaller garden. Roy. Hort. Soc. J. 77:198-204. June 1952. 84 L84J

65651 JOHNSON, G. Perpetual flowering carnations. Allot. & Home Gard. 103:10-11. May 1952. 80 N217

65652 JUPILLAT, F. Quelques bonnes plantes aquatiques et la manière de les cultiver. Jard. de France 126: 40-45. Feb.1952. 86 So13

65653 KIEM, S. Amateur orchid growing in Southern Florida. Fairchild Trop. Gard. B. 7(7):5-6. Apr.1952. 451 F16B

65654 KITTEL, MRS. H. S. Ten points to garden design. Natl. Gard. 23(3/4):17-18. Mar./Apr.1952. 90.32 N21

65655 KLABER, D. Primroses through the seasons. Horticulture 30:230,248. June 1952. 80 H787

65656 KROMDIJK, G. Beautiful annual summer flowers. (In Flemish.) Cult. en Handel 18:275-276. May 1952. 80 C892

65657 KROMDIJK, G. Culture of Primula obconica. (In Flemish.) Cult. en Handel 18:206-208. Apr.1952. 80 C892

65658 KRÜSSMANN. Neue Chaenomeles-sorten aus Kalifornien. Deut. Baumsch. 4:88-90. Apr.1,1952. 80 D486

65659 LAFKIN, W. E. New lawn grasses. Pop. Gard. [Albany] 3(3):42-43,74-75. Mar.1952. 80 P812

65660 LAMMERTS, W. E. The Descanso Rose History Garden. I. Calif. Hort. Soc. J. 13:60-67. Apr.1952. 81 C1293

65661 LAMSON, M. D. First aid for the high-posted house. Home Gard. 19(6):21-25. June 1952. 80 H756
Landscape gardening.

65662 LARUS, J. R., and LARUS, C. T. Sowing and caring for Gladiolus seed. Maine Gladiolus Soc. Glad Book, 1951:53-54. 96.43 M28

65663 LAWRENCE, M. A. Modest but endearing primroses. Nowest. Gard. & Homes 20(3):9,28. May 1952. 80 N813

65664 LAWTON, H. Why not substitute? African Violet Mag. 5(4):14-15. June 1952. 80 Af8
List of varieties.

65665 LEE, F. P., and others. Azalea handbook. Natl. Hort. Mag. 31(1),148 p. Jan.1952. 80 N216
F. O. Coe, B. Y. Morrison, M. Perkins, and F. Weiss, joint authors.

65666 LEFEBER, D. W. How and why new varieties of bulbs are raised. Zaadwereld 16:133,135. Mar.1952. 61.8 Z12

65667 LEHMANN, E. Das werden des deutschen gartens. Orion 7:268-277. Apr.1952. 474 Or4

65668 LEON, C. F. Is stamping cramping your style? Amer. Rose Annu. 37:62-64. 1952. 81 Am31A
Planting.

65669 LEWIS, C. E. Tips for better landscapes. Amer. Nurseryman 95(11):20-21. June 1,1952. 80 Am371
Trees for front lawns.

65670 LEYH, H. W. Proven glads will win. Gladiolus Mag. 16(2):13-15. Apr.1952. 96.43 N44Suppl

65671 LINDBERG, E. Flowers for the rock garden. (In Swedish.) Trädgårdstidningen 24(5):12,19-20,22,24. May 1952. 80 T67

65672 LOGAN, H. B. Don't be a snob; orchids belong on every good home gardener's list. Home Gard. 19(6): 36-40. June 1952. 80 H756

65673 LOON, N. R. VAN. Preparing peonies for show. Pop. Gard. [Albany] 3(5):12-13. May 1952. 80 P812

65674 LUNA, C. It's interesting to grow Phalaenopsis. Gard. & Farm 1(8):4-5,10,15,23,29,36,41. Feb. 1952. 25 G16

65675 LYONS, W. E. Softening hard greens a simple safe way. Golfdom 26:35-36. Jan.1952. 60.18 G58

65676 MCGILL, E. Try hybridizing? Watch out. Gladiolus Mag. 16(2):25-27,56. Apr.1952. 96.43 N44Suppl

65677 MACNEIL, A. Madonna, stately lily of the garden. Horticulture 30:229,252. June 1952. 80 H787
Lilium candidum.

65678 MAINE GLADIOLUS SOCIETY. The glad book, 1951. South China,Maine,1951. 95 p. 96.43 M28

65679 MAINE GLADIOLUS SOCIETY. The glad book, 1952. South China,Maine,1952. 84 p. 96.43 M28

65680 MANLEY, T. R. Exhibition spikes don't just happen—they are grown that way! Maine Gladiolus Soc. Glad Book, 1952:29-31. 96.43 M28

65681 MANLEY, T. R. N A G C trial garden report, 1951. No. Amer. Gladiolus Council. B. 29:43,45-46. Mar.1952. 96.43 N81

65682 MANLEY, T. R. Valleevue Amaryllis trials, 1951. Plant Life 8:70-74. 1952. 450 P695

65683 MARVIN, R. E. Landscaping for use and enjoyment. Camellian 3:142-143. Mar.1952. 97.31 C14

65684 MARYLAND. UNIVERSITY. COLLEGES OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. Maryland lawn culture. Md. Agr. Col. Ext. B. 129,rev.,10 p. Apr.1952. 275.29 M36B

65685 MEARS, M. Cousin Streptocarpus. African Violet Mag. 5(4):8-9,56-57. June 1952. 80 Af8

65686 MEESTERS, C. F. T. Planting of avenue trees. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:117-119. Apr.1952. 12 N282

65687 MEHLQUIST, G. A. L. Cymbidium erythrostylum and C. pumilum as progenitors of a new class of Cymbidiums. Orchid J. 1:109-113. Mar.1952. 80 Or174

65688 MERCER, F. A., and HAY, R., eds. Gardens and gardening, v. 3. Hardy plants. New York,Studio Pub., 1952. 142 p. 84 G16

65689 MERRILLEES, C. R. True to name. Camellian 3:148-149. Mar.1952. 97.31 C14

65690 MEYER, K. H. Naturnahe pflanzungsgemeinschaften im garten. Pflanze u. Gart. 2(3):6-10. Mar. 1952. 80 P48

65691 MITSCH, G. E. The 1951 daffodil season. Plant Life 8:125-130. 1952. 450 P695

65692 MIYAMOTO, M. Dendrobiums. Pua Okika Hawaii Nei 1:93-97. Jan.1952. 80 P963

65693 MORAN, R. Dudleya abramsii Rose. Desert Plant Life 24:16. Jan.1952. 450 D45

65694 MURR, F. Aasblumen. Kosmos 48:25-27. Jan.1952. 474 K842
Stapelia and others.

65695 NEW ROSES of the world. Amer. Rose Annu. 37:255-267. 1952. 81 Am31A

65696 NICKERSON, H. A. Make mine sweet peas. Horticulture 30:82,104. Mar.1952. 80 H787

65697 NILSSON, A. Comparative experiments in seeding summer plants directly outside at Hampnäs in Norrland and Weibullsholm in Scania. (In Swedish.) Weibulls Allehanda 12:16-22. 1952. 80 W42

65698 NILSSON, A. Diana W:s, Saba W:s and Freja W:s, three new greenhouse stocks of the Brilliant variety. (In Swedish.) Weibulls Allehanda 12:13-15. 1952. 80 W42

65699 NOBIS, F. Anspruchslose trockenmauerstauden. Pflanze u. Gart. 2(3):6,8-9,24. Mar.1952. 80 P48

65700 NORTHEN, R. T. Cynbidiums. II-III. Amer. Orchid Soc. B. 21:240-243,326-330. Mar.-Apr.1952. 80 Am329

65701 NORTHEN, R. T. Some effects of cool nights and good light on Cymbidium flowering. Orchid J. 1:103-105. Mar.1952. 80 Or174

65702 NORTON, J. B. S., and BALLARD, W. R. Registration of new Amaryllid clones. Plant Life 8:84-88. 1952. 450 P695

65703 NOSE, R. Beobachtungen über das wachstum der gehölze im Rhein.-Westf. industriegebiet. II. Deut. Baumsch. 4:40-43. Feb.1,1952. 80 D486

65704 NOSE, R. Beobachtungen über das wachstum der gehölze im Rhein.-Westf. industriegebiet. III. Deut. Baumsch. 4:70-73. Mar.1,1952. 80 D486

65705 NYBLOM-HOLMBERG, G. Krukväxter som hobby [Houseplants as a hobby]. Stockholm,LT:s Förlag, 1951. 120 p. 96.06 N98

65706 O'KEEFE, E. J. Care of roses with accent on spring. Pop. Gard. [Albany] 3(3):33,70-72. Mar.1952. 80 P812

65707 OLIVER, R. W. The battle with winter. Rose Soc. Ontario. Ybk. 1952:37-40. 82 R72

65708 OLSCHOWY, G. Der regulierte Rosenbach (Opf.) und seine wiederbepflanzung. Wasser u. Boden 4: 49-52. Mar.1952. 56.8 W28
Landscape gardening.

65709 OLSEN, A. Buddleia. (In Danish.) Haven 52: 71-73. May 1952. 80 H29

65710 OREGON CAMELLIA SOCIETY. Camellias as a hobby, 1952-1953. Portland,1952. 64 p. 97.31 Or3
Articles by: Mrs. H. H. Harms, J. G. Kamphaus, A. E. Johnson, Mrs. C. P. Bradley, W. Robinson, Mrs. A. E. Johnson, W. E. Wylam, L. Strauss, R. Hamilton, E. Hamilton, Mrs. C. McLean, Mrs. H. G. Staton, and S. P. Harn.

65711 ORPET, E. O. Alstroemeria violacea in southern California. Plant Life 8:109,111. 1952. 450 P695

65712 OTTERLOO, J. W. van. Miniature roses. Zaadwereld 16:151,153. Mar.1952. 61.8 Z12

65713 OTTERLOO, J. W. VAN. Les rosiers miniatures. Zaad-, Bloem- en Bollenwereld 16:197,199. Apr. 1952. 61.8 Z12

65714 OWENS, H. B. Landscaping the small home. 7. Gard. Gateways 21(8):4,8. (Concl.) Apr.1952. 90.32 G166

65715 PARK, H. G. Early-flowering Chrysanthemums for exhibition. Ed. 3. London,Warden,1951. 72 p. 96.519 P21

65716 PATTERSON, U. L. Outdoor fertilization of pot plants. Ohio Florists Assoc. B. 272:3-4. May 1952. 81 Oh36

65717 PAYNE, F. Marigolds come from South. Kans. Farmer 89(9):18-19. May 3,1952. 6 K13

65718 PHILLIPS, G. A. R. Planning the small garden. New Zeal. Gard. 8:498-502. Mar.1,1952. 80 N4822

65719 PIERS, F. Aerangis kotschyana (Rchb. f.) Schltr. Amer. Orchid Soc. B. 21:316-317. Apr.1952. 80 Am329

65720 POST, K., and MASTALERZ, J. W. Now you can store cut roses. Amer. Rose Annu. 37:105-110. 1952. 81 Am31A

65721 POWELL, J. W. Hybrid polyantha roses. New Zeal. Gard. 8:503-504. Mar.1,1952. 80 N4822

65722 PRICE, E. G., and RASMUSSEN, A. O. 4-H flower gardening handbook. Pa. State Col. Agr. Ext. C. 401,27 p. Apr.1952. 275.29 P38C

65723 PRIME, C. T. Trees and shrubs; their identification in summer or winter. Ed. 5, rev. and enl. Cambridge,Heffer,1951. 110 p. 99.3 P93

65724 PRING, G. H. Growing Victoria cruziana from seeds. Mo. Bot. Gard. B. 40:85-89. May 1952. 451 M69B

65725 PROOF of the pudding. Amer. Rose Annu. 37: 208-254. 1952. 81 Am31A
Rose varieties.

65726 PULLAR, E. A. Plants that suit the modern house. Horticulture 30:92,118-121. Mar.1952. 80 H787

65727 RAALTE, D. VAN. Bulbs and tuberous plants to be planted in spring. (In Flemish.) Cult. en Handel 18:202-205. Apr.1952. 80 C892

65728 RAALTE, D. VAN. Lily of the valley. (In Flemish.) Cult. en Handel 18:279-281. May 1952. 80 C892

65729 REEDY, F. C. Rose culture in South Carolina. Amer. Rose Annu. 37:149-152. 1952. 81 Am31A

65730 REINELT, F. Delphiniums ahead. Home Gard. 19(6):15-18. June 1952. 80 H756
Breeding.

65731 RENE LEDESMA, N. Arboles criollos que florecen en otoño. Chacra 22(258):20. May 1952. 9 C34
Argentina.

65732 ROBERSON, F. K. Double,double,toil and trouble. Nowest. Gard. & Homes 20(3):12. May 1952. 80 N813
Double flowers.

65733 ROBERTS, E. Saintpaulia obicularis. African Violet Mag. 5(4):21,55. June 1952. 80 Af8

65734 ROBERTS, W. Goals in hybridizing. Maine Gladiolus Soc. Glad Book, 1952:23-26. 96.43 M28

65735 ROBINSON, B. P. Southeast appraises its turf research plan. Golfdom 26(3):54,96-98. Mar.1952. 60.18 G58

65736 ROBINSON, C. Long, long ago. No. Amer. Gladiolus Council. B. 29:25,27,29,31,33. Mar.1952. 96.43 N81

65737 ROCKWELL, F. F. Are annuals worth fighting for? Home Gard. 19(6):26-29. June 1952. 80 H756

65738 ROGER-SMITH, H. Dianthus species. Alpine Gard. Soc. Q. B. 20:83-87. Mar.1952. 84 AL6

65739 ROPER, L. Gardening in Britain stresses easy upkeep. House & Gard. 101(6):158-159. June 1952. 80 H81

65740 ROSE SOCIETY OF ONTARIO. Year book, 1952. n.p.,1952. 108 p. 82 R72

65741 ROWLEY, G. D. The scientific approach to succulents. 6. Cactus & Succulent J. Gt. Brit. 14(2):30-31,39. Apr.1952. 450 C113

65742 SANDERSON, M. V. Hardy annuals for the cut-flower border. Mr. Chase's Cloche Gard. Notes 11: 36-38. Mar.1952. 80 M69

65743 SANTOS, E. Brazilian orchids. III. (In Portuguese.) Selec. Agr. 7(71):9-10. Mar.1952. 9.2 Se4

65744 SAXTON, S. E. Daylilies, Miniatures. Flower Grower 39(7):29,59. July 1952. 80 M72

65745 SCHACHT, W. Die lebensgemeinschaften des wilden alpenveilchens [Cyclamen]. Pflanze u. Gart. 2(3): 19-20. Mar.1952. 80 P48

65746 SCHEERER, O. Stauden als grabbepflanzung. Pflanze u. Gart. 2(3):21. Mar.1952. 80 P48

65747 SCHRÖDER. Jetzt anfangen! Vom schulgarten zur gartenschule. Unser Wald 5(2):12-14. Feb.1952. 99.8 Un7

65748 SCHULZ, P. You can grow a Gloxinia. Minn. Hort. 80:35-36. Mar.1952. 81 M66

65749 SECKMAN, M. C. Try these for shade. Flower Grower 39(7):36-37. July 1952. 80 M72

65750 SECKMAN, M. C. The year's finest new Chrysanthemums for spring planting. Pop. Gard. [Albany] 3(3):30-31,58. Mar.1952. 80 P812

65751 SHEPHERD, H. W. Ten best deciduous trees for California roads. Calif. Farmer, North. Ed. 196:532. May 17,1952. 6 C126

65752 SHEWELL-COOPER, C. R. G. Facts and figures on forcing daffodils. Fruit-Grower 2943:964. May 22,1952. 80 F941

65753 SHEWELL-COOPER, W. E. Time for biennials. Field 199:787. May 17,1952. 10 F45
Chiefly about varieties of popular flowers.

65754 SHIELDS, MRS. C. L. Utah's rose history. Amer. Rose Annu. 37:159-162. 1952. 81 Am31A

65755 SHINOHARA, H. On the period, the temperature of which mostly influences the flowering date of the cherry (P. yedoensis). (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:19-20. Dec.1951. 340.9 So1

65756 SIEBENTHALER, J. D., and others. Shade trees—new and old. Amer. Assoc. Nurserymen. Proc. 76: 89-109. 1951. 81 Am3P

65757 SIEG, H. Aus den tagebuchblättern unserer Platane. Deut. Baumsch. 4:78-79. Mar.1,1952. 80 D486

65758 SIEG, H. Aus den tagebuchblättern unserer Robinie. Deut. Baumsch. 4:103-106. Apr.1,1952. 80 D486

65759 SIMMONDS, J. K. Wattles [Acacia] the Australian flower. Horticulture 30:85. Mar.1952. 80 H787

65760 SLATE, G. L. Lilies are my hobby. House & Gard. 102:80-81,98. July 1952. 80 H81

65761 SMIRNOW, L. Tree peony topics. Amer. Peony Soc. B. 124:25. Mar.1952. 81 Am38B

65762 SMITH, C. E. Flowers. London,Nelson,1951? 154 p. (The Shown Series) 458 Sm52
Wildflowers.

65763 SMITH, F. H. The hybridization of Oregon species of Iris. (Abs.) Oreg. Acad. Sci. Proc. 2:53. 1948-51. 500 Or3

65764 SMITH, K. D. Daylilies for your garden. Flower Grower 39(7):26-27,57-58. July 1952. 80 M72

65765 SNOWDON, C. A. Roses in the Capital City. Rose Soc. Ontario Ybk. 1952:60-63. 82 R72

65766 SNYDER, L. C. The home lawn. Minn. U. Agr. Ext. Folder 165,8 p. Apr.1952. 275.29 M66Ex
Planting and care.

65767 SNYDER, L. C., and SMITH, M. E. Woody plants for Minnesota. Minn. U. Agr. Ext. B. 267,24 p. Mar.1952. 275.29 M66S

65768 SNYDER, M. R. Rose growing forty years ago. Amer. Rose Annu. 37:12-16. 1952. 81 Am31A

65769 STÄRTZENBACH, K. Garten in Oldenburg. Pflanze u. Gart. 2(2):7-10. Feb.1952. 80 P48

65770 STINSON, H. L. Advances in Alstroemeria culture. Plant Life 8:99-105. 1952. 450 P695

65771 STRYDOM, J. C. Prolonging the life of cut flowers. Woman & Her Home 4:69-70. Mar.1952. 321.8 W843

65772 STUART, N. W., and GOULD, C. J. Forcing Wedgwood Iris. Florists' Rev. 110(2847):19-20,100. June 19,1952. 80 W41

65773 SWIM, H. C. Roses, new models for old. Amer. Rose Annu. 37:17-20. 1952. 81 Am31A
Breeding.

65774 SWIM, H. C. Yellow Camellias? Camellian 3: 144. Mar.1952. 97.31 C14

65775 TESCHNER, C. A. Plants of the Garvie Mountains. Alpine Gard. Soc. Q. B. 20:65-68. Mar.1952. 84 AL6
In New Zealand.

65776 THOMAS, A. S. Postwar roses in Australia. Amer. Rose Annu. 37:163-166. 1952. 81 Am31A

65777 THOMSON, R. D. Hybrid teas are not the whole picture. Amer. Rose Annu. 37:125-128. 1952. 81 Am31A

65778 THORNBURGH, R. G. Personal evaluation of some hybrid Amaryllis clones. Plant Life 8:113-116. 1952. 450 P695

65779 TRAUB, H. P. Amaryllis chilensis. Plant Life 8:118-119. 1952. 450 P695

65780 TROST, K. Die blume in der kunst. Pflanze u. Gart. 2(3):22-24. Mar.1952. 80 P48

65781 TROYAN, W. R. Peony notes from Chio. Amer. Peony Soc. B. 124:15-19. Mar.1952. 81 Am38B

65782 TURNER, A. B. New field for collectors, Geraniums. Pop. Gard. [Albany] 3(5):22-24,67-68. May 1952. 80 P812

65783 TWIGG, M. C. How to: show your flowers; stage a flower show. Home Gard. 19(6):46-48. June 1952. 80 H756

65784 TWISK, D. Forcing of Muscari. 2. (In Dutch.) Vakblad v. de Bloemisterij 7:121. Apr.11,1952. 80 V22

65785 UPHOF, J. C. T. Allium giganteum in the Royal Park, Vrana, Bulgaria. Plant Life 8:137-139. 1952. 450 P695

65786 VALENTIEN, O. Ein staudengarten im Schwabenland. Pflanze u. Gart. 2(3):3-6. Mar.1952. 80 P48

65787 VALLANCE, D. The fine points of judging. Amer. Rose Annu. 37:82-86. 1952. 81 Am31A

65788 VIS, C. Seed flowers for the simple allotment garden. (In Dutch.) Zaadbelangen 6:87-88. Apr.30,1952. 61.8 Z1

65789 VON MUELLER, K. The African violet manual. Hastings,Neb.,Goldenrich Press,1952. 102 p. 96.06 V89

65790 VRADENBURG, G. A., JR. Bonsai, dwarf tree culture. Flower Grower 39(7):18-22. July 1952. 80 M72

65791 WALKER, C. F. The labour-saving border. Gard. Illus. 69:156-157. June 1952. 80 G169

65792 WARD, F. K. Taking stock among Rhododendrons. Gard. Illus. 69:154-155. June 1952. 80 G169

65793 WAUSER. A propos du Syndicat Belge des Cultivateurs de Dahlias. Cour. Hort. 14:146. Mar.1952. 80 C834

65794 WEBER, H. W. An outdoor room you can grow. Capper's Farmer 63(7):11-13,28. July 1952. 6 M693
Landscape gardening.

65795 WEBSTER, A. J. Exquisite roses anyone can grow easily. Canad. Homes & Gard. 27,i.e.29(6):9-12. June 1952. 296.8 C16

65796 WEEKS, N. S. Growing African violets with 300 F. C. light intensity. African Violet Mag. 5(4):20, 64. June 1952. 80 Af8

65797 WELLS, J. S. New plants in America, recent results of the hybridist's work. Nurseryman & Seedsman 114:1094-1097. Apr.10,1952. 80 N933

65798 WERCKMEISTER, P. Weisse blüten. Pflanze u. Gart. 2(4):4-7. Apr.1952. 80 P48

65799 WILLIAMS, L. L. Fine feathers make fine birds. Amer. Rose Annu. 37:21-27. 1952. 81 Am31A
Rose names.

65800 WILMOT, R. J., and DICKEY, R. D. Azalea culture. Rev. Fla. Agr. Expt. Sta. Press B. 658,4 p. Apr.1952. 100 F66S

65801 WILSON, A. The laurel, its relatives and friends. Calif. Hort. Soc. J. 13:53-60. Apr.1952. 81 C1293
Includes avocados.

65802 WOELFLE, L. Hymenocallis narcissiflora. Plant Life 8:134. 1952. 450 P695

65803 WOLLMAN, E. Hardy mums for fall in the greenhouse. Ohio Florists Assoc. B. 273:5. June 1952. 81 Oh36

65804 WOODALL, A. E. Roses for central California Amer. Rose Annu. 37:155-158. 1952. 81 Am31A

65805 WOODEN, V. Begonias and California natives. Begonian 19:124-126. June 1952. 96.511 B39

65806 WOODWARD, C. H. Your wildflower garden. Audubon Mag. 54:169-171. May/June 1952. 413.8 B53

65807 WORTH, C. R. The hundred best rock plants. Amer. Rock Gard. Soc. B. 10:24-29. Mar./Apr.1952. 81 Am342

65808 WRIGHT, R. Start your rose garden with prize winners. House & Gard. 101(6):109-111,154-157, 159. June 1952. 80 H81

65809 WYMAN, D. Make bare spots beauty spots with ground covers. Pop. Gard. [Albany] 3(6):32-33,62-63. June 1952. 80 P812

65810 YENCH, J. Hybridization of orchids. Philippine Orchid Rev. 4(2):19-26. Oct.1951. 80 P53

65811 ZIMMERMAN, J. E. Roses in the Valley of the Sun. Amer. Rose Annu. 37:144-148. 1952. 81 Am31A

65812 ZOERB, H. Cyclamen production shortened. Colo. Flower Growers Assoc. B. 31:1-3. May 1952. 81 C715

Vegetable and Truck Crops (Including Potatoes)

65813 ALIBERT, H. Culture du piment doux (Capsicum annuum L.) en Espagne. Rev. Agr. de l'Afrique du Nord 50:140-143. Feb.22,1952. 80 R326

65814 ALLEN, E. J. Growing sweet corn. Ark. Agr. Col. Ext. L. 163,6 p.-folder. Jan.1952. 275.29 Ar4Le

65815 ALLEN, E. J. Growing tomatoes in Arkansas. Ark. Agr. Col. Ext. L. 148,6 p.-folder. Mar.1952. 275.29 Ar4L3

65816 ALLEN, E. J., and BURTON, L. H. Home vegetable gardens in Arkansas. Ark. Agr. Col. Ext. C. 140,rev.,29 p. Apr.1951. 275.29 Ar4

65817 ANDEWEG, J. M. New varieties of melons. (In Dutch.) Zaadbelangen 6:78. Apr.16,1952. 61.8 Z1

65818 ARANGO URIBE, E. 33 consejos para los cultivadores de papa. Rev. Nac. de Agr. 46(563):8-10. Mar.1952. 9.4 R32
Colombia.

65819 ARMES, M. J., and FLETCHER, R. F. Cannery pea production practices and costs. Canning Trade 74 (48):8-10. June 16,1952. 286.83 T67

65820 ARTAMONOV, A. N. On the size of potato tubers for planting. (In Russian.) Sovet. Agron. 10(5):83. May 1952. 20 So84

65821 ASSCHE, F. VAN. Effect of plant distance and light. (In Flemish.) Tuinbouwberichten 16:55-56. Apr. 15,1952. 80 T817
On tomatoes.

65822 BACKER, P. DE. Het hofje der planters in woord en beeld [The vegetable garden in text and pictures] Jette-Brussel,1951. 96 p. 91.15 B12

65823 BEWLEY, W. F. Growing high-quality cucumbers. Nurseryman & Seedsman 114:712-714. Mar.6, 1952. 80 N933

65824 BLOIS, P. DE. Le chou de Chine. Cour. Hort. 14:152-153. Mar.1952. 80 C834

65825 BRANDSCH, F. Die gerechte beurteilung von neuzüchtungen. Deut. Landwirt. Presse 75:130. May 17,1952. 18 D482
Rutabagas.

65826 BRASE. Gegenwartsfragen des kartoffelbaues. Landwirtbl. Weser-Ems 99:390-391. Apr.17,1952. 18 L2345

65827 BREMER, K. Veränderte kartoffelverwertung erfordert eine wende im kartoffelanbau. Saatgut-Wirt. 4: 28-30. Feb.1952. 61.8 Sa1
Germany.

65828 BURLEY, R. H. Plant breeders work to develop corn tailor-made for Oklahoma. Farmer-Stockman 55(6):8,21. June 1952. 6 Ck45

65829 CAMARGO, A. P. DE. Instructions for the culture of yams. (In Portuguese.) Colheit. e Mercados 8: 15-17. Jan./Feb.1952. 255.3 Sa652

65830 CAPULER, B. A survey of the vegetable gardens. (In Hebrew.) Hassadeh 32:121-123. (Concl.) Dec.1951. 26 H27

65831 CAREW, J. Some vegetable varieties are fussy. Seed World 70(11):36-37,72. June 6,1952. 61.8 Se52

65832 CEBALLOS, H. G. El cultivo del espárrago. Ceres [Valladolid] 17(191):43,45,47,49. May 1,1952. 15 C33
Ecuador.

65833 CHASE, J. L. H. Tomato growing for amateurs Mr. Chase's Cloche Gard. Notes 11:52-55. Apr.1952. 80 M69

65834 CHECCOLI, E. The potato. (In Italian.) Agr. Tosc. 7:167-169. May 1952. 16 Ag827
Culture.

65835 CHUMAN, K. The damage of sweet potato caused by briny wind accompanied with the typhoon Grace. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:30-32. Dec.1951. 340.9 So1
English summary.

65836 CROWE, S. M. Snap beans. Mr. Chase's Cloche Gard. Notes 11:34-36. Mar.1952. 80 M69

65837 DARLING, H. M. Handling and treating seed potatoes. Badger Common 'Tater 5(3):14. Mar.1952. 75.8 B14

65838 DEKKER, P. Vegetable culture in England. (In Flemish.) Cult. en Handel 18:210-212. Apr.1952. 80 C892

65839 DELVER, P. Manganese deficiency of some vegetables. (In Dutch.) Groenten en Fruit 7:793-,795. Apr.10,1952. 80 G89

65840 DENMARK. STATENS FORSØGSVIRKSOMHED I PLANTEKULTUR. Experiments in growing of Asian cucumber varieties, 1946-50. (In Danish.) Tidsskr. f. Planteavl 55:554-556. 1952. 11 T439

65841 DIAZ DE MENDIVIL, J. M. Recuerdos de ayer y realidades del presente. ASPAS 1:2-5. June 1951. 75.8 As6
Potatoes in Spain.

65842 DODD, L. Roasting ears in May. Calif. Farmer, South Ed. 196:507. May 17,1952. 6 C126A

65843 DOYLE, E. J. The behavior of hard seeds in a sample of Dwarf Grey Sugar peas. Assoc. Off. Seed Anal. News Let. 26:3-6. Feb.1952. 61.9 As7N

65844 EHRENPFORDT, V. Beitrag zur auswertung einer kartoffel-herkunftsprüfung im kreismassstab. Deut. Landwirt. 3:244-246. May 1952. 18 D4822
Russian Zone.

65845 FALL, S. The simplified field control of seed potatoes. (In Swedish.) Lantmannen 36:303-304. Apr.19, 1952. 11 L234

65846 FILMAN, C. C., and SHOEMAKER, J. S. Onions. Ontario Dept. Agr. B. 486,40 p. Apr.1952. 101 On8B

65847 FOGG, H. G. W. Chicory —a neglected vegetable. Allot. & Home Gard. 103:15. May 1952. 80 N217

65848 FOSTER, R. E., and VAN HORN, C. W. Cantaloup; variety and strain test in Yuma Valley, Arizona for 1950. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 101,7 p. Mar. 1951. 100 Ar4M

65849 FRANKLIN, D. F. University research aids vegetable seedsmen. Idaho Agr. Col. Idaho. Agr. Sci. 36(4):1-2. Fourth Q.1951. 276 Id13N

65850 FRAZIER, W. A. Requirements for bush beans. (Abs.) Quick Frozen Foods 14(10):51,138. May 1952. 389.8 Q4
Varieties and their characteristics.

65851 GEYER, H. Höhere ernten durch vorgekeimtes pflanzgut. Kartoffelbau 2:245-246. Dec.1951. 75.8 K145

65852 GLEDHILL, J. S. Garden shed mushroom growing. I-II. Smallholder 87(2190):9; (2191):9. May 9-16,1952. 10 Sm1
I, Better mushrooms than you pick in the field can be grown in the garden shed; II, From spawning to cropping.

65853 GONZALEZ DIAZ, E. Influencia del grado de germinación de la semilla en el cultivo de la papa. Agrotecnia 6:19-24. Mar./Apr.1952. 8 Ag825

65854 GUSEV, L., and ERINA, R. A profitable branch of a collective farm. (In Russian.) Kolkhoz. Proizvodstvo 12(4):32-33. Apr.1952. 281.8 K83
Vegetable seed production on Novyi Put' Collective Farm in Kostroma District, Kostroma Region.

65855 HAMMARLUND, I. Efficient cucumber culture. (In Swedish.) Weibulls Allehanda 12:3-12. 1952. 80 W42
Greenhouse.

65856 HENDERSON, E. S. Tested vegetable varieties. Horticulture 30:89,113. Mar.1952. 80 H787

65857 HOUGHTON, K. W. This year be sure to grow plenty of peas. Pop. Gard. [Albany] 3(3):38-39,56-57. Mar.1952. 80 P812

65858 JACK, J. S. How to grow good vegetables. Pop. Gard. [Albany] 3(4):44-45,94-95,99. Apr.1952. 80 P812

65859 JEURINK, J. Der pflanzkartoffelbau in den Niederlanden. Praxis u. Forsch. 4:61-64. May 20,1952. 18 P89

65860 KÜPPERS-SONNENBERG, G. A. Topinamburanbau in Frankreich. Saatgut-Wirt. 4:32-34. Feb. 1952. 61.8 Sa1

65861 LAGOS U., J. A. El esparrago. Agr. Costarricense 10:56-57. Mar.1952. 8 Ag895
Culture.

65862 LAGOS U., J. A. Horticultura: la tomatera. Agr. Costarricense 10:85-86. Apr.1952. 8 Ag895

65863 LAMOTTE, P. DE. Propagande dans les Départements utilisateurs de plants de pommes de terre. Pomme de Terre Franç. 15(152):14-16. Apr.1952. 75.8 P77

65864 LARGE, E. C. Trials of substitutes for sulphuric acid for potato haulm killing. Plant Pathol. 1:2-9. Mar.1952. 464.8 P692

65865 LEOPOLDO, F. T. The "Cabos-ok" camote [sweetpotatoes] in Occidental Misamis. Agr. & Indus. Life 14(4):25. Apr.1952. 25 Ag8

65866 LESTER, J. Growing cucumbers needs care rather than skill. Allot. & Home Gard. 103:6-7. May 1952. 80 N217

65867 LOUDON, E. G. BARON VON. Gemüseanbau in mischkulturen auf 250 qm gartenland. Pflanze u. Gart. 2(2):11-16. Feb.1952. 80 P48

65868 LOUISIANA. STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE. DIV. OF AGRICULTURAL EXTENSION. Vegetable planting guide for Louisiana. La. Agr. Col. Ext. P. 1019,4 p. Jan.1952. 275.29 L93Ep
Formerly Leaflet 22.

65869 LUCHINI, R. Industrialización de hortalizas; arvejas para la industria; prueba de cultivo. Consorcio de Cent. Agr. de Manabi. Rev. 12(69):31-38. Jan./Mar. 1952. 9.5 M31

65870 MERFIELD, A. G. Cloche culture in New Zealand planning and sowing for the year. New Zeal. Gard. 8:523-529. Mar.1,1952. 80 N4822

65871 MIÈGE, J. L'importance économique des ignames en Cote d'Ivoire; répartition des cultures et principales variétés. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:144-155. Mar./Apr.1952. 26 R323

65872 MISCHLING, F. Höherer zichorienertrag. Bauer 5(16):15. Apr.19,1952. 19 B32

65873 MISCHLING, F. Mehr kartoffeln! Bauer 5(16): 14. Apr.19,1952. 19 B32
Culture in Austria.

65874 MOERMAN, J. A. S., and UILENBURG, N. G. Some old and new viewpoints on the breeding and processing of asparagus. (In Dutch.) Groenten en Fruit 7:880-881. May 8,1952. 80 G89

65875 MONOT, G. Essais en Amérique du Sud. Pomme de Terre Franç. 15(152):3-5. Apr.1952. 75.8 P77

65876 NESTERENKO, V. Possibilities for increasing productivity of potatoes in the South [of U.S.S.R.]. (In Russian.) Sovet. Agron. 10(5):51-58. May 1952. 20 So84
Summer planting chiefly.

65877 NETHERLANDS. RIJKSINSTITUUT VOOR RASSENONDERZOEK VAN LANDBOUWGEWASSEN. Beans,1952. Zaadbelangen 6:88-90. Apr.30,1952. 61.8 Z1

65878 NIXON, E. L. Root bed preparation and proper planting. Guide Post 30(4):10-14. Apr.1952. 75.8 G94
Potatoes.

65879 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Growing field beans. North. Ireland. Min. Agr. L. 97,6 p. Mar.1952. 10 N81

65880 NORTHERN IRELAND MINISTRY OF AGRICULTURE. Results of potato variety trials. North. Ireland Min. Agr. L. 7,15 p. Feb.1952. 10 N81

65881 NUSKE, J. B. Potato growing in the Marne Valley. So. Austral. Dept. Agr. J. 55:420. Mar.1952. 23 So84

65882 NUTILE, G. E. Persistence of dormancy in seed of some cultivated Brassicas. Assoc. Off. Seed Anal. News Let. 26:6-8. Feb.1952. 61.9 As7N

65883 PABLO PARDO, J. C. DE. Existen en todo el pais zonas adecuadas para el cultivo intensivo de hortalizas. Mundo Agr. 4(36):75-79. May 1952. 9 M92
Argentina.

65884 PAOLIERI, L. Milho doce paulista; um novo tipo de milho para S. Paulo [Sao Paulo sweet corn, a new type of corn for S. Paulo] Vamos para o Campo 65, 8 p. 1952. 9.2 V25

65885 PASTOR COSCULLUELA, F. Qué tipo y variedades de patata se deben preferir cultivar? ASPAS 1:14-16. June 1951. 75.8 As6

65886 PERSSON, A. R. Cheshunt and Lea Valley. (In Norwegian.) Gartneryrket 42:379-381. May 26,1952. 80 G1938
Market gardening in England.

65887 PRATT, A. J., and others. Yield, tuber set, and quality of potatoes; effect of irrigation, date of planting, and straw mulch on several varieties in upstate New York 1948-1951. N. Y. (Cornell) Agr. Expt. Sta. B. 876,35 p. Apr.1952. 100 N48C
J. Lamb, Jr., J. D. Wright, and G. Bradley, joint authors.

65888 PRIEN, H. G. Pflanzkartoffelerzeugung 1951; kartoffelbau an einem entscheidenden wendepunkt. Kartoffelbau 2:239-241. Dec.1951. 75.8 K145

65889 PROGRAMA nacional de mejoramiento de la papa. Agr. Austral 20:62-70. Feb.1952. 9.3 Ag842
Chile.

65890 QUEENSLAND. DEPT. OF AGRICULTURE. AGRICULTURE BR. Pumpkins, squashes and marrows, and grammas. Queensland Agr. J. 74:125-141. Mar.1952. 23 Q33

65891 QUEENSLAND. DEPT. OF AGRICULTURE. HORTICULTURE BR. Planting tables for vegetable crops. Queensland Agr. J. 74:143-151. Mar.1952. 23 Q33

65892 RAVAULT, L. À propos de la culture du topinambour. France. Min. de l'Agr. B. Tech. d'Inform. 67:161-168. Mar.1952. 14 F844B

65893 RIERA, F. J. Posibles soluciones para la estabilización de la patata de siembra. ASPAS 1:9-13. June 1951. 75.8 As6

65894 ROBERTSON, T. C. Holland gets food from the dragon's pantry; a Dutch plant breeder comes to Underberg with experiment to double speed of production of new inbred lines for hybrid maize programme. Veldtrust 13(3):6-7,9,25. Mar.1952. 56.8 V54

65895 SCHLEUSENER, W. Einfluss von pflanzzeit und keimstimmung auf den kartoffelertrag. Deut. Landwirt. 3:119-123. Mar.1952. 18 D4822

65896 SCHMIDT, L. Förderung der spargelkultur. Landwirtschaft 9/10:160-161. May 1952. 19 L235
Austria.

65897 SCHOENEMANN, J. A. Choosing potato varieties for 1952 planting. Badger Common 'Tater 5(3): 4. Mar.1952. 75.8 B14

65898 SCHOENEMANN, J. A. Planting your 1952 potato crop. Badger Common 'Tater 5(4):4. Apr.1952. 75.8 B14

65899 SCHRODER. Richtlinien für die diesjährige pflanzkartoffelerzeugung. Landwirtbl. Weser-Ems 99: 415-416. Apr.24,1952. 18 L2345

65900 SCOTLAND. DEPT. OF AGRICULTURE. Seed potatoes; the maintenance of pure, healthy and vigorous stocks. Edinburg, H. M. Stationery Off.,1952. 107 p. 75 Sco3S

65901 SCRIVEN, W. A., and POOLE, C. M. Potato cultivation and spraying. 5. Farm Mech. 4:223-225. June 1952. 58.8 B772

65902 SHEWELL-COOPER, W. E. In the trenches. Field 199:825. May 24,1952. 10 F45
Culture of leeks and celery.

65903 SIEBENEICK, H. Von der keimung unserer kartoffelsorten. Kartoffelwirtschaft 5:172. May 9,1952. 286.83 K14

65904 SPEIDEN, E. Saving seeds. Org. Gard. 20(6): 18-19,48-51. June 1952. 56.8 Or3
Vegetables.

65905 STEEVES, T. A. Wild rice—Indian food and a modern delicacy. Econ. Bot. 6:107-142. Ref. Apr./June 1952. 450 Ec7

65906 STICHTING NEDERLANDSE UIEN-FEDERATIE. Onions, 1952. (In Dutch.) Zaadbelangen 6:79-80. Apr.16,1952. 61.8 Z1

65907 SVENSSON, V. On onions and onion culture. (In Swedish.) Weibulls Allehanda 12:24-28. 1952. 80 W42

65908 TESCH, E. Der spargelanbau im landwirtschaftlichen betrieb. Deut. Landwirt. 3:164-165. Mar. 1952. 18 D4822

65909 TORTI, M. A tomato for cold climates. (In Italian.) Gior. di Agr. 62:149. May 18,1952. 16 It1G

65910 TUCUMÁN. UNIVERSIDAD. FACULTAD DE AGRONOMÍA. Caracteristicas y rendimientos de 16 variedades de batata en Tucumán, por F. J. Brücher, F. Folguer, and J. Ploper. Tucumán,1952. 29 p. (Tucumán, Argentine Republic (City) Universidad. Publicación 611) 91.36 T79

65911 TURNQUIST, O. C. Getting started with your vegetable garden. Minn. U. Agr. Ext. Folder 164,8 p. Mar.1952. 275.29 M66Ex

65912 ULLMAN, H. The growing of onion sets. (In Hebrew.) Hassadeh 32:123-124. Dec.1951. 26 H27

65913 U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. The National Onion-Breeding Program, 1950; sixth annual report to cooperators. Beltsville,Md.,1951. 112 p. 1.965 F4N21

65914 VAART, F. M. VAN DER. The identification of pea varieties in the seedling stage. Euphytica 1:29-33. Feb.1952. 450 Eu6

65915 VAN CLUTE, J. Enter: caulicab, thanks to an oversight, a new vegetable is born. Org. Gard. 20(6): 26-27,40-41. June 1952. 56.8 Or3

65916 VINOGRADOV, P. I. Early April plantings of tomatoes in Moldavia. (In Russian.) Dostizheniîa Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1:79-83. Jan.1952. 20 D742
Experiments by Kishinevskiĭ Sel'skokhoziaĭstvennyĭ Institut.

65917 VITTUM, M. T., and HERVEY, G. E. R. Relation of Marion market cabbage yield and bursting to rates of application and sources of fertilizer nutrients and insect control. N. Y. (State) Agr. Expt. Sta. B. 750, 16 p. Feb.1952. 100 N48

65918 VORSTER, P. W. Suitable onion varieties for the Transvaal. Farming So. Africa 27:259-260. Apr. 1952. 24 So842

65919 VREEKEN, C. N. Chou de Bruxelles rouge. Zaad-, Bloem- en Bollenwereld 16:173,175,177. Apr. 1952. 61.8 Z12
English summary.

65920 WORK, P. There's good eating ahead if you grow vine crops. Pop. Gard. [Albany] 3(5):26-27,59-61. May 1952. 80 P812

WEEDS AND POISONOUS PLANTS

65921 ADAMS, R. Some aspects in the cultural control of weeds. Roy. Hort. Soc. J. 77:178-182. May 1952. 84 L84J

65922 BAKKER, D. Oecologie van klein hoefblad en de bestrijding van deze plant in de Noordoostpolder [Ecology of the little coltsfoot [Tussilago farfara] and the control of this plant in the Northeastpolder]. Van Zee tot Land 7,184 p. Ref. 1952. 54.8 V26
English summary.

65923 BECKER, A. Zur frage der unkrautbekämpfung. Landwirt. Z. der Nord-Rheinprov. 119:482-483. May 10,1952. 18 L2344

65924 BIDSTRUP, P. L., BONNELL, J. A. L., and HARVEY, D. G. Prevention of acute dinitro-ortho-cresol (D. N. O. C.) poisoning. Lancet 262:794-795. Apr.19, 1952. 448.8 L22

65925 BLACKBURN, F. H. B., HANSCHELL, D. M., and CLARKE, M. Some aspects of weed control in Trinidad. Brit. West. Indies Sugar Association Proc. Mtg. Sugar Technol. 1951:123-134. 65.9 B775
Includes discussion.

65926 BLACKMAN, G. E., HOLLY, K., and COX, E. G. Studies in selective weed control. IV. The control of weeds in fibre flax. J. Agr. Sci. 41:322-337. Ref. Oct.1951. 10 J822

65927 BLAKE, L. V., and FREE, M. A pair of two-year reports on 2 crab grass killers from that best of all laboratories, the home lawn. Home Gard. 19(6):66-69. June 1952. 80 H756
PC and PMA.

65928 BRESLER, R. Scottish bracken; new menace rears its head. (In Afrikaans.) Landbouweekblad 33 (1709):11. Apr.16,1952. 24 L232
Pteridium aquilinum.

65929 BRINKMAN, G. They call it "scourge of the woods." Hoard's Dairyman 97:470-471. May 25,1952. 44.8 H65
Poison ivy.

65930 BRODIE, A. Weed control with hormones. Massey Agr. Col. Dairyfarming Annu. 4:69-74. Nov.1951. 44.9 M382
Includes discussion.

65931 BRODIE, R. M. Topdressing hill-country: success in spraying variegated thistle. Massey Agr. Col. Sheepfarming Annu. 4:46-47,49-52. Nov.1951. 45.9 M385
Includes discussion.

65932 BUCHNER, A. Die wirkung der 2,4-D-mittel. Deut. Landwirt. Presse 75:117. May 3,1952. 18 D482

65933 BULLOCK, A. A. South African poisonous plants. Kew B. 1:117-129. 1952. 451 K51B
To livestock.

65934 BURGIS, D. S. Nut grass [Cyperus rotundus] control with 2,4-D in Florida. Fla. Agr. Expt. Sta. C. S-38,5 p. Oct.1951. 100 F66C1

65935 CHAPPELL, W. E. Pre-emergence weed control studies with soybeans. South. Weed Conf. Proc. 5: 127-128. 1952. 79.9 So8

65936 CHESALIN, G. A., and DUKHANIN, A. A. Chemical measures for control of Cuscuta in the plantings of perennial grasses and legumes. (In Russian.) Sovet. Agron. 10(5):65-72. May 1952. 20 So84

65937 COLLINS, W. O. Pre-emergence weed control in corn. South. Weed Conf. Proc. 5:118. 1952. 79.9 So8

65938 COSTELLO, D. F. The tumbling throng. Nat. Mag. 45:301-303,332. June/July 1952. 409.6 N214
Salsola.

65939 COTTIER, E. F. Weed problems in the industrial field. South. Weed Conf. Proc. 5:152-154. 1952. 79.9 So8

65940 COWART, L. E. Some herbicidal properties of CMU. South. Weed Conf. Proc. 5:10-11. 1952. 79.9 So8

65941 COWPERTHWAITE, W. G. Progress report on weed control in Gladiolus. South. Weed Conf. Proc. 5: 170-172. 1952. 79.9 So8

65942 CRÊTE, R. Les herbicides en culture potagère Rev. d'Oka 26:55-63. Mar./Apr.1952. 7 Ok1

65943 DARROW, R. A. Chemical control of prickly pear cactus. South. Weed Conf. Proc. 5:159-161. 1952. 79.9 So8

65944 DAVIDSON, J. H. A promising treatment for the control of chickweed [Stellaria media], German knotgrass [Scleranthus annuus] and sorrel [Rumex acetosella] in strawberries. Mich. State Hort. Soc. Annu. Rpt. 81:81-83. 1951,pub.1952. 81 M58
Dinitro-o-sec-butyl phenol.

65945 DENMARK. STATENS FORSØGSVIRKSOMHED. I PLANTEKULTUR. Ukrudtsbekaempelse i spindhor med kemiske midler [Chemical control of weeds in flax]. Denmark. Stat. Forsogsvirks. i Plantekult. Meddel. 481, 4 p. May 8,1952. 11 D412M

65946 DODD, L. Bulb grower reduces costs by using weed sprays. Calif. Farmer, South. Ed. 196:520. May 17, 1952. 6 C126A
Pre-emergence use.

65947 EGGINK, H. J. Chemical weed control in peas. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:83-86. Mar.1952. 12 N383M

65948 EGLER, F. E. Blanket versus selective spraying for brush control on right-of-ways. South. Weed Conf. Proc. 5:141-143. 1952. 79.9 So8

65949 ELLENWOOD, C. W., and WILLARD, C. J. Poison ivy [Toxicodendron radicans] in orchards reduced by spraying. Ohio Farm & Home Res. [Ohio Sta.] 37:19, 28. Mar./Apr.1952. 100 Oh3S

65950 EVERSON, L. E. Wild garlic (Allium vineale) bulblets in Kentucky bluegrass. Assoc. Off. Seed Anal. News Let. 26:13-15. Feb.1952. 61.9 As7N

65951 FELDMAN, A. W., and SMITH, A. E. Phthalamic acid derivatives for pre-emergence weed control. South. Weed Conf. Proc. 5:12-14. Ref. 1952. 79.9 So8

65952 FISCHER, H. Unkrautbekämpfung in der baumschule mit chemischen mitteln. Deut. Baumsch. 4: 64-68. Mar.1,1952. 80 D486

65953 FRIEDERICH, J. C. Chemical weed control in fiber and oil flax. (In Dutch.) Plattelands-Post 8(18): 9. May 1,1952. 12 P69

65954 FRIEDERICH, J. C. Chemical weed control in fiber flax. (In Dutch.) Zeeuwsch Landbbl. 40(2120):2. May 3,1952. 12 Z2

65955 FURBUSH, P. B. Controlled burning most effective method of eliminating stands of Medusa-head weed [Elymus caput-medusae] Calif. Cattleman, June 1952:9. 43.8 C12

65956 GANGSTAD, E. O., and others. Chemical weed control in Sansevieria with CMU (3 (p-chlorophenyl) 1, 1-dimethylurea). South. Weed Conf. Proc. 5:173-174. 1952. 79.9 So8

C. C. Seale, J. F. Joyner, and J. B. Pate, joint authors.

65957 GARDNER, C. A. Poison plants of Western Australia. I. Pituri (Duboisia hopwoodii F. Muell.). West. Austral. Dept. Agr. J. (n.s.)1:53-56. Jan./Feb.1952. 23 W52J

65958 GATES, C. M. Pre-emergence weed control in cotton and soybeans with chloro IPC and pentachlorophenol. South. Weed Conf. Proc. 5:59-63. 1952. 79.9 So8

65959 GATTIS, J. L., and FRANCISCO, D. Chemical brush control of rights-of-way in the Tennessee Valley region. South. Weed Conf. Proc. 5:143-145. 1952. 79.9 So8

65960 GAUDRON, J., and WILLE, J. E. El hierbicida "sodium TCA" 90%. Vida Agr. [Lima] 29:195. Mar.1952. 9.8 V66

65961 GÉNIN, G. L'emploi des produits chimiques dans la lutte contre les mauvaises herbes. Indus. Chim. 39:133-137. (Cont.) Ref. May 1952. 383 In2

65962 GOILE, H. Über die unkrautbekämpfung mit hormonpräparaten im getreide. Deut. Landwirt. 3:146-147. Mar.1952. 18 D4822

65963 GRIMM, W. C. Beware of the green demons; poison ivy [Toxicodendron radicans] and its kin. Pa. Game News 23(2):5-7. May 1952. 412.9 P38Pe

65964 GRØNTVED, P. Danish farmers can get weed free fields; our most important weeds and their control. (In Danish.) Husmandshjemmet 2(15):13. Apr.8,1952. 11 H963

65965 HAGOOD, E. S. Progress report on weed control in cotton. South. Weed Conf. Proc. 5:101-103. 1952. 79.9 So8

65966 HARDCASTLE, W. S., and STAMPER, E. R. The effect of chemicals on Johnson grass rhizomes. South. Weed Conf. Proc. 5:113-115. 1952. 79.9 So8

65967 HARING, R. C. Report on weed control research. No. Amer. Gladiolus Council. B. 29:74-75. Mar. 1952. 96.43 N81

65968 HEAGY, A. B. Report on herbicides. Assoc. Off. Agr. Chem. J. 35:377-381. May 15,1952. 381 As7

65969 HENRARD, P. Quelques remarques concernant l'emploi du 2-4 D. Indus. Chim. 39:97-100. Ref. Apr.1952. 383 In2

65970 HOFSTEN, C. G. VON. Bedstraw—a weed problem that demands prompt attention. (In Swedish.) Lantmannen 36:329-330. Apr.26,1952. 11 L234

Galium.

65971 HOLM, L. G., and BECK, G. E. Chemical weed control in Gladiolus plantings. No. Amer. Gladiolus Council. B. 29:93. Mar.1952. 96.43 N81

65972 HOLSTUN, J. T., JR. Post-emergence screening of chemicals and methods for weed control in cotton. South. Weed Conf. Proc. 5:79-87. 1952. 79.9 So8

65973 HOLSTUN, J. T., JR. Pre-emergence screening of chemicals for weed control in cotton. South. Weed Conf. Proc. 5:47-53. 1952. 79.9 So8

65974 HOWELL, R. E., and SLOAN, R. H. Chemical weed control in cotton production. Ark. Agr. Col. Ext. L. 166,6 p.-folder. Jan.1952. 275.29 Ar4Le

65975 HUNT, J. L. Weed control in peas. Farmer & Stock-Breeder 66(3265):44-45. May 20,1952. 10 F228

Explains the value of D.N.B.P. as a selective weedkiller.

65976 HUSSON, J. À propos du desherbage des céréales aux hormones. Bas-Rhin Agr. 7:202. Apr.26, 1952. 14 B29

65977 KANSAS. BOARD OF AGRICULTURE. Weed handbook. Topeka,1951. 38 p. 2 K13Re

65978 KILGUS, J. F. JR. Three-fingered menace; a report on poison ivy. (Condensed.) Natl. Safety News 65 (6):28-29,84-85. June 1952. 449.8 N212

65979 KITZLER, K. Höhere erträge durch unkrautbekämpfung. Landwirtschaft 9/10:149-150. May 1952. 19 L235

With Dicopur, a growth substance.

65980 KLINGMAN, G. C. Wild garlic in Arlington oats controlled by competition. South. Weed Conf. Proc. 5:132-134. 1952. 79.9 So8

65981 KLINGMAN, G. C., and MORROW, E. B. Winter weed control in strawberries. South. Weed Conf. Proc. 5:166-169. 1952. 79.9 So8

65982 KNUST, H. G. Chemical weed control. Queensland. Bur. Sugar Expt. Sta. Cane Growers' Q. B. 15:77-79. Jan.1,1952. 65.9 Q3C

Australia.

65983 KOYAMA, K. On herbicide "ammate" and "P. C. P." (In Japanese.) Jap. J. Plant Protect. 21:44-45. Mar.1951. 421 J27

65984 KVELLO, B. Plan in the weed control. (In Norwegian.) Norsk Landbr. 18:167-170. May 9,1952. 11 N8122

65985 LASSER, T. Contribución al conocimiento de nuestra "borrachera." Acta Cient. Venezol. 2:233-235. Nov./Dec.1951. 475 Ac83

Poisonous plants to livestock.

65986 LEONARD, O. A., HARRIS, V. C., and ENNIS, W. B., JR. Isopropyl N-3-chlorophenyl carbamate as a pre-emergence herbicide for weed control in cotton. South. Weed Conf. Proc. 5:54-58. 1952. 79.9 So8

65987 LESSER, M. A. Poison ivy. Drug & Cosmetic Indus. 70:610-611,686-692. Ref. May 1952. 396.8 D842

Toxicity.

65988 LOUSTALOT, A. J. 2,4-D can kill mature grasses. Agron. J. 44:276-277. May 1952. 4 Am34P

65989 LOVELY, W. G., and others. How to control weeds in corn. Iowa. State Col. Agr. Ext. Iowa Farm Sci. 6(11):185-188. May 1952. 275.28 Io94

E. P. Sylwester, D. W. Staniforth, E. V. Collins, and A. L. Bakke, joint authors.

65990 MAYEUX, M. M., CREASY, L. E., and STAMPER, E. R. An educational approach to chemical weed control in cotton. South. Weed Conf. Proc. 5:25-26. 1952. 79.9 So8

65991 MEINDITEGUI, J. A. La zarzamora esta invadiendo la zona del Delta. Chacra 22(258):50. May 1952. 9 C34

65992 NIELSEN, O. We must work together in weed control. (In Danish.) Husmandshjemmet 2(15):12. Apr. 8,1952. 11 H963

65993 NIKIFOROV, A. M. Control of weeds, pests and diseases of agricultural plants by chemical methods. (In Russian.) Sovet. Agron. 10(5):73-76. May 1952. 20 So84

65994 NØRLUND, S. The field must be kept under control in order to get grain. (In Danish.) Husmandshjemmet 2(15):8. Apr.8,1952. 11 H963

Weed control.

65995 NORMAND, W. C., RATCLIFF, R. Y., and CREASY, L. E. Pre- and post-emergence studies for chemical weed control in cotton. South. Weed Conf. Proc. 5:64-69. 1952. 79.9 So8

65996 PARKS, R. R. Cultivation—still our first line of defense against weeds. Impl. Rec. 49(6):25-26. May 1952. 58.8 Im73

65997 PAYNE, G. F. Loco. Mont. Wool Grower 26(6): 7. June 1952. 45.8 M762

65998 PAYNE, G. F. To spray or not to spray. Mont. State Col. Farmer 5(3):8. Apr.1952. 276.8 M76
For weed control on ranges.

65999 PEEK, N. S., JR., and HINKLE, D. A. Chemical weed control experiments in soybeans and corn. South. Weed Conf. Proc. 5:119-126. 1952. 79.9 So8

66000 PEEK, N. S., JR., and HINKLE, D. A. Control of crabgrass and wild onions in a Bermuda grass turf. South. Weed Conf. Proc. 5:186-189. 1952. 79.9 So8

66001 PETERSEN, H. I. Chemical control of weeds. (In Danish.) Husmandshjemmet 2(15):10. Apr.8,1952. 11 H963

66002 PETERSEN, H. I. Weed control in the garden. (In Danish.) Husmandshjemmet 2(15):2. Apr.8,1952. 11 H963

66003 PINDUR, W. Chemische unkrautbekämpfung. Bauer 5(19):10-11. May 10,1952. 19 B32

66004 PLANT, W. The control of horsetail [Equisetum] in pastures with MCPA. Gt. Brit. Min. Agr. Agriculture 59:86-88. May 1952. 10 G79J

66005 POLETAEF, N. Lutte chimique contre les mauvaises herbes. Rev. Agr. de l'Afrique du Nord 50: 100-106,120-124. Feb.8-15,1952. 80 R326

66006 POOLE, W. D., and HERNANDEZ, T. P. A progress report on weed control in mechanized production of sweet potatoes. South. Weed Conf. Proc. 5:162-165. 1952. 79.9 So8

66007 RADEMACHER, B. Unkrautbekämpfung. Handb. der Landwirt. 1:310-336. (Cont.) 1951. 30 H193

66008 REA, H. E., WOLTERS, F. A., and ROBERTS, J. E. Chemical control of established Johnson grass on non-cultivated land. South. Weed Conf. Proc. 5:108-112. 1952. 79.9 So8

66009 REA, H. E., MILLER, H. F., JR., and SMITH, H. P. Control of seedling grass in cotton. South. Weed Conf. Proc. 5:95-100. 1952. 79.9 So8

66010 ROBINSON, B. P. A comparison of several herbicides for weed control in turf. South. Weed Conf. Proc. 5:182-185. 1952. 79.9 So8

66011 RODRIGUEZ JURADO, A. Herbicidas selectivos; información sobre utilización en el país de los herbicidas selectivos. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(26):17-28. Ref. Aug.1951. 9 Ar35
Includes discussion.

66012 SCARSETH, G. D. Can weeds be made useful? Country Gentleman 122(6):8,10. June 1952. 6 C833

66013 SEALINE, E. O. The professional touch; how chemicals help homeowners control crabgrass. Du Pont Mag. 46(3):24-25. June/July 1952. 309.8 D92

66014 SKERMAN, K. D., and NEWTON, L. G. Bracken [Pteridium] fern poisoning of cattle. Queensland Agr. J. 74:163-167. Mar.1952. 23 Q33

66015 SOKOLOFF, V. P. Biological control of weeds in compacted soil cultures; successful laboratory experiments aimed to prevent germination of weeds in soil under asphalt cover. Commonwealth Engin. 39:318-322. Mar.1,1952. 290.8 C73
Possibility of application to weed control in irrigation canals.

66016 SOUTHERN WEED CONFERENCE. Proceedings, 5th, February 6, 7, 8, 1952. Atlanta,1952. 213 p. 79.9 So8

66017 STAMPER, E. R., and CHILTON, S. J. P. Chemical control of Johnson grass seedlings in sugarcane. South. Weed Conf. Proc. 5:105-107. 1952. 79.9 So8

66018 STAMPER, E. R., and CREASY, L. E. Comparative efficiency of certain herbicides in 1951. (Abs.) South. Weed Conf. Proc. 5:9. 1952. 79.9 So8

66019 STEVENS, L. H. Quality and cost controls for utility chemical spray programs. South. Weed Conf. Proc. 5:190-195. 1952. 79.9 So8

66020 SUNDELIN, G. Out with the weeds. (In Swedish.) Mjölkpropagandan 29:74-75. Mar.1952. 44.8 M692

66021 SWANSON, H. They've made weed control work. Country Gentleman 122(6):58-59. June 1952. 6 C833
In Murray County, Minnesota.

66022 THENARD, J. L'atomisation et le désherbage du lin. Nord Agr. 8(28):3. May 2,1952. 14 N75

66023 THOMSON, R. Control of weeds in tobacco seedling beds. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 33(6):74-77. Apr.1952. 514 N48A

66024 TIDMAN, D. A. Weed control in pasture. Milk Indus. 32(11):87-88,90. May 1952. 44.8 M593

66025 TIMMONS, F. L. India fights a land invader. Foreign Agr. 16:99-102. May 1952. 1.9 Ec7For
Saccharum spontaneum.

66026 VOEVODIN, A. V. On eradicating perennial weeds by the aid of 2,4-D herbicide. (In Russian.) Akad. Nauk SSSR. Dok. 84:113-116. May 1,1952. 511 P444A

66027 WANGERIN, R. R. Winning the war on weeds—with chemicals. Amer. Soc. Farm Mgr. & Rur. Appraisers J. 15:132-137. Oct.1951. 281.8 Am32

66028 WARDEN, R. L. Montana's annual grass weeds. Mont. State Col. Farmer 5(3):10,24,26. Apr. 1952. 276.8 M76

66029 WATSON, J. R., JR. Chemical control of crabgrass in special purpose turf. South. Weed Conf. Proc. 5:179-181. 1952. 79.9 So8

66030 WEED, M. B. Weed and brush control in industrial areas. South. Weed Conf. Proc. 5:155-158. 1952. 79.9 So8

66031 WEMMERT, N. Weed control in spring forage plantings with grass mixed in. (In Swedish.) Lantmannen 36:333. Apr.26,1952. 11 L234

66032 WHITE, G. L. Weed and grass control in cotton. South. Weed Conf. Proc. 5:91-94. 1952. 79.9 So8

66033 WIEDE. Unkrautbekämpfung mit hormonmitteln in Weser-Ems. Landwirtbl. Weser-Ems 99:464-465. May 8,1952. 18 L2345

66034 WILLIAMS, F., PEEK, N. S., JR., and HINKLE, D. A. Comparison of pre-emergence and post-emergence chemicals for weed and grass control in cotton for 1951. South. Weed Conf. Proc. 5:70-78. 1952. 79.9 So8

66035 WILSON, R. W., and KLINGMAN, G. C. Progress in chemical weed control with field grown tobacco. South. Weed Conf. Proc. 5:129-132. 1952. 79.9 So8

66036 WOESTEMEYER, V. W. Preparations of 2,4-D. In Kansas. Board of Agriculture. Weed handbook, p.23-26. Topeka,1951. 2 K13Re

66037 WOOD, H. E. Weed stocktaking on the prairies. Manitoba Co-op. 9(42):6-7. May 15,1952. 280.28 M31
Includes control methods.

66038 WOODWARD, C. H. You can control crabgrass. House & Gard. 101(6):132,141. June 1952. 80 H81

66039 ZAHNLEY, J. W. Controlling weeds in Kansas with 2,4-D and other chemicals. In Kansas. Board of Agriculture. Weed handbook, p.12-22. Topeka,1951. 2 K13Re

66040 ZIMMERMAN, C. Menace to soybeans. Capper's Farmer 63(6):36. June 1952. 6 M693
Weeds.

MISCELLANEOUS ECONOMIC PLANTS
(Drug, Dye, Rubber, Etc.)

66041 ALVES, S. Instructions for the culture of garlic. (In Portuguese.) Colheit. e Mercados 8:11-12. Jan./Feb.1952. 255.3 Sa652

66042 L'AVENIR du palmier à huile au Dahomey. Oléagineux 7:317-321. June 1952. 77.8 OL2

66043 BAKEWELL, S. E. El cultivo del cacaotero en México. Tierra [México] 7:170-171,199. Mar.1952. 8 T445

66044 BONILLA, E. Estudio comparativo de la distribución de la luz y el viento en dos regiones cafeteras. (Caldas y Antioquia). Cent. Nac. de Invest. de Café. Bibliot. B. Inform. 3(25):29-35. Jan.1952. 68.29 C332

66045 BOOTH-SMITH, J. G. India tea and agricultural changes. Coffee & Tea Indus. 75(6):73-74. June 1952. 389.8 Sp4

66046 BOWERS, J. L. Poke greens [Phytolacca americana]—new crop for Arkansas? Mkt. Growers J. 81(6):14-15. June 1952. 6 M34

66047 BUSCH, E. Kaffeegewinnung. Urana 15:114-115. Mar.1952. 474 Ur1

66048 CASE, J. F. Why is it called horse-radish? Mo. Rur. 93(10):22-23. May 24,1952. 6 R8891

66049 CHALFIN, MRS. B. G. Herb gardening in the South. Herb Grower Mag. 6(1):16-19. Jan./Mar.1952. 80 Am316

66050 CHAMORRO M., R. Contribución al problema del sombrío en cacao. I. Investigaciones sobre crecimiento y transpiración. (Abs.) Palmira. Estac. Agr. Expt. Notas Agron. 4:57. Jan./Dec.1951. 102.5 P18N

66051 COLLURA, A. M. El azafran de Castilla un cultivo familiar util e interesante. Chacra 22(258):51. May 1952. 9 C34
Crocus sativus.

66052 CROFT-COOKE, R. My herb garden. Homes & Gard. 34:28-29. July 1952. 318.8 Ou7
Great Britain.

66053 CUNNINGHAM, J. Prickly pear; how this plant is utilized for cattle feed during periods of drouth. Cattleman 39:82-84. June 1952. 49 C29

66054 DAVIS, J. H. Honey from soybeans! Soybean Digest 12(6):30. Apr.1952. 60.38 So9

66055 DYVERDON, C. Le genet, plante textile. Cour. Hort. 14:167-170. Mar.1952. 80 C834

66056 EDWARDSON, J. R. Hops—their botany, history, production and utilization. Econ. Bot. 6:160-175. Ref. Apr./June 1952. 450 Ec7

66057 FIDEL CASTRO, M. Métodos de mejoramento del cafeto seguidos en algunas estaciones experimentales. Cent. Nac. de Invest. de Cafe. Bibliot. B. Inform. 2(23): 30-40. Ref. Nov.1951. 68.29 C332

66058 FREE meals from woods and field. Life 32 (21):60-62. May 26,1952. 280.8 L62

66059 HALL, H. T. Charm and uses of the herb garden. North. Gard. 6:99-101. May 1952. 80 N816

66060 HENRY, P. La germination des graines d'Elaeis. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32(351/352):66-77. (Concl.) Ref. Jan./Feb.1952. 26 R323

66061 HIGHTOWER, L. If something ails you ; Valley trees have many remedies. Tex. Farming & Citricult. 28(11):11. May 1952. 80 T31
Drug plants.

66062 HORN, E. Grosse liebe zum kleinen gewürzgarten. Pflanze u. Gart. 2(2):17-18. Feb.1952. 80 P48

66063 ISDALE, A. M. Easily grown herbs—and others:some useful and profitable plants for home gardeners. New Zeal. Gard. 8:533,535,537. Mar.1,1952. 80 N4822

66064 KISLIAKOV, V. D. Tea culture in the new districts [of U.S.S.R.]. (In Russian.) Priroda 41(2):36-48. Feb.1952. 410 P933

66065 LEHMANN, E. Schwäbische apotheker und apothekergeschlechter in ihrer beziehung zur botanik; ein beitrag zur geschichte des apothekerberufs. Stuttgart,L. Hempe,1951. 218 p. Ref. 452.82 L52

66066 LEIBER, F. Der sanddorn [Hippophae rhamnoides], eine ölfrucht. Urana 15:110-113. Mar.1952. 474 Ur1

66067 LIUBICH, V. Care of kok-saghyz plantings. (In Russian.) Kolkhoz. Proizvodstvo 12(4):27-28. Apr. 1952. 281.8 K83

66068 MCMASTER, F. G., and SOLLY, N. R. Coffee and its economics in Kenya. III-V. Coffee Bd. Kenya. Mon. B. 17:33-35,56-57. Feb.-Mar.1952. 68.29 C652

66069 MENDES SOBRINHO, O. I. African agriculture seen by a Brazilian agronomist. (In Portuguese.) São Paulo. Supt. dos Serv. do Café. B. 27:121-133. (Cont.) Feb.1952. 68.29 Sa63

66070 MIHOLIC, K. Acacia. (In Slovenian.) Slovenski Čebelar 54:66-67. Apr.15,1952. 424.8 SL5
As a honey plant.

66071 MOLFINO, J. F. Umbeliferas medicinales y aromáticas. Chacra 22(258):62-63. May 1952. 9 C34
Argentina.

66072 MUDALIAR, C. R., and RAO, J. S. Essential oil yielding grasses and their possibilities in Madras State. Madras Agr. J. 39:193-197. Ref. Mar.1952. 22 M262

66073 NEUGEBAUER, E. K. Herbs that have adopted California. Herb Grower Mag. 6:75-79. Apr./June 1952. 80 Am316

66074 ORDETX, G. S. Flora apicola de la America tropical; un estudio de las plantas que visitan las abejas en busca de nectar y polen. La Habana,Cuba,Editorial Lex,1952. 334 p. 424 Or2F

66075 OSTALE TUDELA, E. Espliego del Moncayo. Saragossa. Cám. Ofic. Sind. Agr. B. Mens. 47:11-12. Apr.1952. 15 Sa7
Culture of Lavandula.

66076 PAKISTAN. FOREST RESEARCH INSTITUTE, UPPER TOPA, MURREE HILLS. A note on the plants of medicinal value found in Pakistan. Karachi,Manager of Pub.,1951. 25 p. 460.12 P17

66077 PATTABHIRAMAN, T. V. Liaison service and coffee improvement. Indian Coffee Mon. B. 16:34-36. (Cont.) Feb.1952. 68.29 In23M

66078 RAJEVAC, M. L'importance de l'herborisation:plantes médicinales. (In Serbo-Croatian.) Sumarstvo 4:262-263. June/Aug.1951. 99.8 Su63

66079 ROF CODINA, J. La flora medicinal de España. Cult. Mod. 35:123-124. Apr.1952. 15 C89

66080 SINGH, L. B. Preliminary trial on top working of ber (Ziziphus mauritiana Lam.) in Uttar Pradesh. Indian J. Hort. 9:16-19. Mar.1952. 80 In2

66081 SOUZA, W. W. C. DE. Shading of coffee trees. (In Portuguese.) Chacaras e Quintais 85:465-466. Apr.15,1952. 9.2 C34

66082 TESTA, J. Coffee culture in new regions. (In Portuguese.) São Paulo. Supt. dos Serv. do Café. B. 27: 115-118. Feb.1952. 68.29 Sa63

66083 THOMSON, A. G. Cocoa—growing possibilities in the Far East. New Commonwealth 23:476-478. May 12,1952. 280.8 C88

66084 TOXOPEUS, H. J. Studies in the breeding of Derris elliptica and Derris malaccensis. 1. Euphytica 1: 34-42. Ref. Feb.1952. 450 Eu6

66085 TURCOT, C. Problème et solution des gelées dans la culture du tabac jaune. Rev. d'Oka 26:41-45. Mar./Apr.1952. 7 Ok1

66086 VAN BRUNT, E. R. Unusual herbs for the garden. Horticulture 30:232,245. June 1952. 80 H787

66087 VELASQUEZ B., R. El cultivo del cacao. Campo [Guatemala] 1(10):3. (Cont.) Aug.1,1951. 8 C158

66088 VESEY-FITZGERALD, L. D. E. F. Miombo bark and its uses in East Africa. Kew B. 1:69-71. 1952. 451 K51B
Isoberlinia and Brachystegia.

66089 VOIGT, R. F. A pharmacognostic and pharmacological study of Adonis vernalis L. and Adonis autumnalis L. Minn. U. Sum. Ph. D. Theses 5:65-68. 1951. 241.8 M66

66090 WALKER, A. Insecticides et mort aux rats du Gabon. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32: 188-190. Mar./Apr.1952. 26 R323
Insecticidal plants.

66091 WEBER, M. February daphne [Daphne mezereum]. (In Danish.) Bitidningen 51:108-109. May 1952. 424.8 B54
As honey plant.

66092 WEST AFRICAN CACAO RESEARCH INSTITUTE. Annual report, April, 1949 to March, 1950. London,1951. 84 p. 68.39 T12A

66093 WINKELMANN, W. Die wirkstoffe unserer heilpflanzen; darstellung und anwendung. Olten,Walter, 1951. 353 p. 452.82 W72

SOILS AND FERTILIZERS

SOIL SCIENCE

66094 AKADEMIIA NAUK. INSTITUT GEOGRAFII. TSentral'nye chernozemnye oblasti; fiziko-geograficheskoe opisanie [Central Chernozem regions; physico-geographic description]. Moskva, Akad. Nauk SSSR,1952. 156 p. 331 Ak1T
Includes soils and vegetation.

66095 JENSEN, C. H. Jordbunds- og grundforbedringslaere [Soil and soil improvement manual]. Ed. 3. Koiding,Jørgensen,1951. 108 p. 56 J45

66096 MACAULAY INSTITUTE FOR SOIL RESEARCH. Annual report, 1950-1951. Galashiels,1951. 56 p. 56.9 M11A

66097 RICHARD-MOLARD, J. Les terroirs tropicaux d'Afrique. Ann. de Géog. 60:349-369. Nov./Dec.1951. 473 An75
In relation to their use by man. Forest lands and savannahs are discussed.

66098 RYKER, D. Learning how to judge land. Country Gentleman 122(6):56. June 1952. 6 C833
A soil specialist holds field classes for 4-H Club boys.

66099 SCHEFFER, F. Boden als standort der pflanzen. Handb. der Landwirt. 1:1-51. Ref. 1951. 30 H193

Soil Physics

66100 ALDOUS, W. M., and LAWTON, W. L. The measurement of soil moisture and temperature by heat diffusion type moisture cell. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:74-98. 1952 290 N215Fr

66101 ANDREASEN, R. What can we expect from Krilium. N. Y. State Flower Growers B. 79:8. Mar.1952. 80 N486

66102 BARSHAD, I. Factors affecting the interlayer expansion of vermiculite and montmorillonite with organic substances. Soil Sci. Soc. Amer. Proc. 16:176-182. Ref. Apr.1952. 56.9 So3

66103 BELCHER, D. J. The measurement of soil moisture and density by neutron and gamma-ray scattering. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2: 98-110. 1952. 290 N215Fr

66104 BLANCO MACIAS, G. Que es el crilio? Tierra [México] 7:161-163. Mar.1952. 8 T445

66105 BOUYOUCOS, G. J. Methods for measuring the moisture content of soils under field conditions. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:64-74. Ref. 1952. 290 N215Fr

66106 BRAWAND, H., and KOHNKE, H. Microclimate and water vapor exchange at the soil surface. Soil Sci. Soc. Amer. Proc. 16:195-198. Apr.1952. 56.9 So3

66107 BREED, J. B. Plastic that tills the soil. U. S. A. 1(2):21-26. Apr.1952. 134.8 Un3
Krilium.

66108 CALDWELL, A. C. What about Krilium? Hormel Farmer 15(8):2. Apr.15,1952. 49 H782

66109 CARLSON, H. Calculation of depth of thaw in frozen ground. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:192-223. Ref. 1952. 290 N215Fr

66110 CHEPIL, W. S. Improved rotary sieve for measuring state and stability of dry soil structure. Soil Sci. Soc. Amer. Proc. 16:113-117. Apr.1952. 56.9 So3

66111 CRAWFORD, C. B. Soil temperatures, a review of published records. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:17-41. Ref. 1952. 290 N215Fr

66112 EDELMAN, C. H. Krilium, the new wonder product for soil improvement. (In Dutch.) Bergcultures 21:136-137. Apr.1,1952. 22.5 B45

66113 FROST, R. E. Interpretation of permafrost features from air photos. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:223-246. Ref. 1952. 290 N215Fr

66114 FURNEAUX, B. S. The importance of soil structure. Mr. Chase's Cloche Gard. Notes 11:42-45. Mar.1952. 80 M69

66115 GASPART, E. Le krilium, produit nouveau. Sillon Belge 22(510):13. May 24,1952. 13 S13

66116 GOMEZ-DURAN, E. Nuevo acondicionador de los suelos. Agr. Trop. 8(4):49-52. Apr.1952. 26 Ag8
Krilium.

66117 GRIM, R. E. Relation of frost action to the clay-mineral composition of soil materials. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:167-172. Ref. 1952. 290 N215Fr

66118 HALEY, J. F., and KAPLAR, C. W. Cold-room studies of frost action in soils. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:246-267. Ref. 1952. 290 N215Fr

66119 HANDA, C. L., and DAHWAN, C. L. The application of principles of soil mechanics to the construction of embankments and bunds in Punjab. Irrig. & Power 8:579-590. Ref. Oct.1951. 55.9 In222C

66120 HELENELUND, K. V. Om konsolidering och sättning av belastade marklager. On consolidation and settlement of loaded soil-layers. (Sum.) Maa- ja Vesitek. Tutkimuksia 6,209 p. 1951. 56.8 M11
English summary.

66121 HOOPER, F. C. The thermal conductivity probe. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:57-59. 1952. 290 N215Fr

66122 ISHIBASHI, Y. The influences of precipitation and evaporation on the water content in the farm soil. (In Japanese.) Utsunomiya U. Col. Agr. B. 1:263-268. Mar.1951. 107.6 UT7B
English summary.

66123 KERSTEN, M. S. Thermal properties of soils. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:161-166. Ref. 1952. 290 N215Fr

66124 KLUTE, A. Some theoretical aspects of the flow of water in unsaturated soils. Soil Sci. Soc. Amer. Proc. 16:144-148. Ref. Apr.1952. 56.9 So3

66125 KNOLL, N. Tenacity and resistance to breaking of three types of soils. (In Italian) (Condensed.) Macch. e Motori Agr. 10:361-364. Apr.1952. 58.8 M13

66126 KOVAL', T. A. Uchenie P. A. Kostycheva o bor'be s zasukhoi [P. A. Kostychev's teaching on combating drought]. Moskva,1951. 29 p. 56.43 K842
Soil moisture conservation.

66127 KRAEMER, O. Über die eigenschaften bayerischer torferzeugnisse; vergleichende untersuchungen an torfstreu- und mulleproben verschiedener herkunft. Mitt. f. Moor- u. Torfwirt. 1:33-45. June 1951. 60.1 M69

66128 KRUSE, E. Eine neue aera der landwirtschaft? Orion 7:264-266. Apr.1952. 474 Or4
Krilium.

66129 KUSAKABE, M. On the seasonal change of soil moisture. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:4-6. Dec.1951. 340.9 So1
English summary.

66130 LAWRENCE, J. E. Some aspects of Krilium. New Eng. Homestead 125(10):23. May 24,1952. 6 N442

66131 LEMON, E. R., and ERICKSON, A. E. The measurement of oxygen diffusion in the soil with a platinum microelectrode. Soil Sci. Soc. Amer. Proc. 16:160-163. Ref. Apr.1952. 56.9 So3

66132 MARTIN, J. P., and ALDRICH, D. G. Effect of fumigation on soil aggregation. Soil Sci. Soc. Amer. Proc. 16:201-203. Ref. Apr.1952. 56.9 So3

66133 MARTIN, W. P., TAYLOR, G. S., and VOLK, G. W. Soil and crop responses to soil conditioners. Pacific Coast Nurseryman 11(3):15. Mar.1952. 80 P116
Chiefly about Krilium.

66134 MILLER, H. H. Field measurements of soil temperatures. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:60-63. 1952. 290 N215Fr

66135 MINA, V. N. Composition of soil air in the forest soils. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Trudy 7:146-157. 1951. 99.9 Ak1

66136 MISENER, A. D. An absolute method of determining thermal conductivity and diffusivity of soils. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:51-57. 1952. 290 N215Fr

66137 NATIONAL RESEARCH COUNCIL. HIGHWAY RESEARCH BOARD. Frost action in soils; a symposium presented at the thirtieth annual meeting January 9-12, 1951. Washington,1952. 385 p. (Special Report, No. 2) 290 N215Fr

66138 NEW "FLAKE" soil conditioner. Flower Grower 39(7):41. July 1952. 80 M72
Aerotil.

66139 NEW SOIL conditioner. Pop. Gard. [Albany] 3 (6):19. June 1952. 80 P812
Fluffium.

66140 NUYL, T. W. TE. Krilium. (In Dutch.) Nederlandse Ver. tot Bevord. der Biol.-Dyn. Landbmethode. Vruchtbare Aarde 10:16-18. Apr.1952. 80 N28

66141 PACKARD, R. Q., and RAESIDE, J. D. Deterioration of soil structure in a south Canterbury soil. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 33(6):40-53. Ref. Apr.1952. 514 N48A

66142 PAYNE, P. C. J. Some problems in applying soil mechanics to the action of cultivation implements. (Sum.) Brit. Soc. Rheol. B. 33:5-6. Dec.1951. 334.9 B77

66143 ROGERS, F. C., and NIKOLA, H. C. Frost action studies of thirty soils in New Jersey. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:287-295. 1952. 290 N215Fr

66144 ROGERS, M. N. Values of soil conditioning. Florists Exch. 118(24):12,43. June 14,1952. 80 F666

66145 RUSSELL, E. W. Soil structure. Chem. & Indus. 22:480-483. May 31,1952. 382 M31C

66146 RUSSELL, M. B., KLUTE, A., and JACOB, W. C. Further studies on the effect of long-time organic matter additions on the physical properties of Sassafras silt loam. Soil Sci. Soc. Amer. Proc. 16:156-159. Apr. 1952. 56.9 So3

66147 SIGAFOOS, R. S., and HOPKINS, D. M. Soil instability on slopes in regions of perennially-frozen ground. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:176-192. Ref. 1952. 290 N215Fr

66148 SINGH, K. Aggregate analysis of soils. I. J. Sci. Food & Agr. 3:205-209. Ref. May 1952. 382 So12

66149 SIPLE, P. A. Climatic aspects of frost heave and related ground frost phenomena. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:10-16. 1952. 290 N215Fr

66150 SIPLE, P. A. Ice-blocked drainage as a principal factor in frost heave, slump, and solifluction. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:172-175. 1952. 290 N215Fr

66151 SPANGLER, M. G., and PIEN, W. T. Distribution of capillary moisture at equilibrium in stratified soil. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2: 120-125. 1952. 290 N215Fr

66152 STALLINGS, J. H. Soil aggregate formation. U. S. Soil Conserv. Serv. SCS-TP-110,23 p. Ref. Apr. 1952. 1.96 Ad6Tp

66153 STEPHENS, M. E. Soil physical characteristics as they effect irrigation. Irrig. Working Conf. Proc. 1951:3. 55.9 Ir7

66154 SUZUKI, S. The conduction of heat in a paddy field soil. Soc. Agr. Met. Japan. J. Agr. Met. 7:11-12. Dec.1951. 340.9 So1

66155 TEIPEL, R. Porenvolumenmessungen mit einem neuen luftpyknometer. Deut. Agrartech. 1:327-330. Ref. Nov.1951. 58.8 D482

66156 TOULOUKIAN, Y. S., BOTTORF, J. D., and HARSEN, T. Heat transfer and temperature distribution in soils for transient heat flow due to cylindrical sources and sinks. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:147-160. 1952. 290 N215Fr

66157 UMETANI, H. On the estimate of the soil moisture contents during the nonprecipitation periods. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:9-10. Dec.1951. 340.9 So1
English summary.

66158 VAN BAVEL, C. H. M. A theory on the soil atmosphere in and around a hemisphere in which soil gases are used or released. Soil Sci. Soc. Amer. Proc. 16:150-153. Apr.1952. 56.9 So3

66159 WÄCHTERSHÄUSER, H. Verlauf der grundwasser- und bodentemperatur. Wasser u. Boden 4:62-63. Mar.1952. 56.8 W28

66160 YABUKI, K. On the temperature of the ground and water in the percolated paddy field. 1. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:13-14. Dec.1951. 340.9 So1
English summary.

66161 YAMADA, B. Study on the effect of the soil compaction. I. On physical properties of the sand mass of its compaction. (In Japanese.) Utsunomiya U. Col. Agr. B. 1:269-282. May.1951. 107.6 Ut7B
English summary.

66162 YODER, E. J., and LOWRIE, C. R., JR. Some field measurements of soil temperatures in Indiana. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:41-50. Ref. 1952 290 N215Fr

66163 YONEDA, S. The influence of exchangeable magnesium on the physical properties of soils. (In Japanese.) Utsunomiya U. Col. Agr. B. 1:295-306. Ref. Mar. 1951. 107.6 Ut7B
English summary.

66164 ZONN, S. V., and ALESHINA, A. K. Dynamics and trend of influence of oak forests on soils. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Trudy 7:85-124. Ref. 1951. 99.9 Ak1

66165 ZONN, S. V. Water regime of oak forest soils. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Trudy 7:9-84. Ref. 1951. 99.9 Ak1

Soil Chemistry and Mineralogy

66166 AGUILERA H., N., and FUENTES C., E. Estudio fisicoquímico y electronmicroscópico de la fracción arcilla de dos micrones de algunos suelos de Xochimilco. Soc. Mex. de Hist. Nat. Rev. 12:101-121. Dec.1951. 516 So15

66167 ANDERSON, R. S. Soil testing pays. New Eng. Homestead 125(10):10-11. May 24,1952. 6 N442

66168 BHARUCHA, F. R., and SHERIAR, K. C. An improved technique for estimating the nitrifying capacity of soils. Indian Acad. Sci. Proc. Sect. B. 35:28-32. Ref. Jan.1952. 513 In25B

66169 CAILLÈRE, S., BIROT, P., and HÉNIN, S. Formation d'un minéral argileux par altération expérimentale d'un gabbro. Acad. des Sci. Compt. Rend. 234: 2104-2106. May 19,1952. 505 P21

66170 CARLETON, R. M. pH is important. Flower Grower 39(7):38-40. July 1952. 80 M72

66171 CARRIGAN, R. A. Cuál es el valor del pH? Hacienda 47(5):47. June 1952. 6 H11
Soils.

66172 CHATTERJEE, B. Properties of a clayey soil of West Bengal; chemical, electrochemical, viscous, x-ray and petrographic studies. Indian Chem. Soc. J. 28: 717-720. Dec.1951. 385 In27

66173 CHIOETTO, F. Results of a referendum made to determine the opinion of the farmers on a soil testing service. (In Italian.) Indus. Sac. Ital. 45:21-22. Jan./Feb.1952. 65.8 In23

66174 DEMOLON, A., BOISCHOT, P., and LAJON, J. Sur le pouvoir de fixation des sols pour l'ion PO_4H_2. Acad. des Sci. Compt. Rend. 234:1820-1823. May 5,1952. 505 P21

66175 EVANS, L. T. Changes in the salt content of some saline soils at Lake Ellesmere in Canterbury. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 33(6):81-86. Apr.1952. 514 N48A

66176 GAREY, C. L., and BARBER, S. A. Evaluation of certain factors involved in increasing manganese availability with sulfur. Soil Sci. Soc. Amer. Proc. 16: 173-175. Ref. Apr.1952. 56.9 So3

66177 GUNTHER, E. Die grundelemente der bodenfruchtbarkeit. Deut. Landwirt. 3:237-241. May 1952. 18 D4822

66178 HOECK, N. Erfahrungen mit dem pehameter, einem kleinen chemischen hilfsmittel, den säuregehalt eines bodens festzustellen. Pflanze u. Gart. 2(4):25-26. Apr.1952. 80 P48

66179 LEGG, J. O., and BEACHER, R. L. The potassium supplying power of representative Arkansas soils. Soil Sci. Soc. Amer. Proc. 16:210-214. Apr.1952. 56.9 So3

66180 MCLEAN, E. O. The effect of humus on cationic interactions in a beidellite clay. Soil Sci. Soc. Amer. Proc. 16:134-137. Apr.1952. 56.9 So3

66181 MINA, V. N. Mineral exchange in the oak forests on different soils. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Trudy 7:125-145. Ref. 1951. 99.9 Ak1

66182 MOSS, B. S. Traveling laboratories take soil tests to Georgia farms. Farm Electrif. 6(3):15, May/June 1952. 335.8 F224

66183 MUÑOZ TABOADELA, M. Composición mineralógica de las arcillas de los podsoles asturianos y su variación a traves del perfil. An. de Edafología y Fisiol. Veg. 11:33-57. Ref. Jan./Feb.1952. 506 Sp12
English summary.

66184 RIOS B., P. B. Valor del pH en los suelos de cultivo. (Sum.) Rev. Bras. de Quim. (Cien. & Indus.) 33: 154,156. Mar.1952. 385 R322

66185 SCHEYS, G. Importance of knowing type of soil for the interpretation of the results of analysis of the nutritional condition of soils. (In Flemish.) Agricultura [Louvain] 49:151-179. Dec.1951. 13 R32
French summary.

66186 SINGH, K. An automatic leaching apparatus for washing soil and precipitates. J. Sci. Food & Agr. 3: 210-212. May 1952. 382 So12

66187 SMITH, D. H., and CLARK, F. E. Chromatographic separations of inositol phosphorus compounds. Soil Sci. Soc. Amer. Proc. 16:170-172. Apr.1952. 56.9 So3

66188 VAVRA, J. P., and FREDERICK, L. R. The effect of sulfur oxidation on the availability of manganese Soil Sci. Soc. Amer. Proc. 16:141-144. Ref. Apr.1952. 56.9 So3

66189 WHITNEY, R. S., and PEECH, M. Ion activities in sodium-clay suspensions. Soil Sci. Soc. Amer. Proc. 16:117-122. Ref. Apr.1952. 56.9 So3

66190 WILLIAMS, D. E., and JENNY, H. The replacement of nonexchangeable potassium by various acids and salts. Soil Sci. Soc. Amer. Proc. 16:216-221. Ref. Apr. 1952. 56.9 So3

Soil Biology

66191 BRAVO A., R. Un metodo rápido de determinación de nutrientes por medio de Azotobacter. Acta Agron. 2:73-113. Ref. Apr.1952. 9.4 Ac8

66192 BURTON, J. C., ALLEN, O. N., and BERGER, K. C. The prevalence of strains of Rhizobium phaseoli in some midwestern soils. Soil Sci. Soc. Amer. Proc. 16: 167-170. Ref. Apr.1952. 56.9 So3

66193 BUTTERS, E. A. Seed and legume inoculant inspection, 1950. N. J. Agr. Expt. Sta. Insp. Ser. 40,15 p. Jan.1951. 100 N46S

66194 CELINO, M. S., JAVIER, S. V., JR., and ACIERTO, A. M. An hitherto unexplored field of soil microbiology in the Philippines. Soil Sci. Soc. Philippines. J. 4:31-36. Ref. First Q.1952. 56.9 So35

66195 COLOM, J., and MCCALLA, T. M. The decomposition of partridge pea [Chamaecrista fasciculata] and its influence on nitrification. Soil Sci. Soc. Amer. Proc. 16:208-210. Apr.1952. 56.9 So3

66196 DAY, R. Soil life in a barrel; here is a new way to give soil the millions of living organisms it needs. Org. Farmer 3(11):28-29,50-55. June 1952. 57.8 Or3

66197 ERDMAN, L. W., and MEANS, U. M. Single strains and a mixture of Rhizobium trifolii for inoculating true clovers. Soil Sci. Soc. Amer. Proc. 16:199-200. Apr.1952. 56.9 So3

66198 ERIKSON, D. Temperature/growth relationships of a thermophilic Actinomycete, Micromonospora vulgaris. J. Gen. Microbiol. 6:286-294. Ref. May 1952. 448.3 J823

On grass compost.

66199 GROSSBARD, E. Antibiotic production by fungi on organic manures and in soil. J. Gen. Microbiol. 6:295-310. Ref. May 1952. 448.3 J823

66200 HOFSTEN, C. C. VON. Inoculate the legumes. (In Swedish.) Mjölkpropagandan 29:76. Mar.1952. 44.8 M692

66201 JUON, P. L. Scientific research: microbial life of agricultural soil. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(40):6-7. May 14,1952. 281.8 Ag3

66202 JURRIAANSE, T. Some aspects of the biologic dynamic farm method situation in the Netherlands. (In Dutch.) Nederlanse Ver. tot Bevord. der Biol.-Dyn. Landbmethode. Vruchtbare Aarde 10:1-4. Apr.1952. 80 N28

66203 LEHNER, A. Ergebnisse mehrjähriger feldversuche mit bakterienimpfpräparaten der Azotobactergruppe. Z. f. Pflanzenbau u. Pflanzenschutz 2:193-232. 1951. 464.8 P88

66204 LYNCH, D. L., and SEARS, O. H. The effect of inoculation upon yields of soybeans on treated and untreated soils. Soil Sci. Soc. Amer. Proc. 16:214-216. Apr.1952. 56.9 So3

66205 MISHUSTIN, E. N. Microbiological processes and soil structure. (In Russian.) Priroda 40(11):27-38. Ref. Nov.1951. 410 P933

66206 MUGGLETON, P. W., and WEBB, M. The exocellular bacteriolytic system of soil Actinomyces. III. Biochim. et Biophys. Acta 8:526-536. Ref. May 1952. 381 B522

66207 POSADA B., A. Contribución a la inoculación bacteriana de semillas de soya. (Abs.) Palmira. Estac. Agr. Expt. Notas Agron. 4:54-55. Jan./Dec.1951. 102.5 P18N

66208 PUSHKINSKAIA, O. I. Data on the study of the microflora of the oak forest soils of Tellermanovskoe Experimental Forestry Site. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Trudy 7:158-179. Ref. 1951. 99.9 Ak1

66209 QUASTEL, J. H., SCHOLEFIELD, P. G., and STEVENSON, J. W. Oxidation of pyruvic acid oxime by soil organisms. Biochem. J. 51:278-284. May 1952. 382 B52

Addendum: The isolation of bacteria from soil perfused with pyruvic acid oxime, p. 284-286.

66210 RAMSCH, H. Mehr beachtung der saatgutimpfung. Deut. Landwirt. 3:190-191. Apr.1952. 18 D4822

Legumes.

66211 RIABCHENKO, I. M., and GUBANOV, IA. V. In regard to the use of azotobacterin for increasing yields of wheat under conditions of Krasnodar Territory. (In Russian.) Sovet. Agron. 10(4):73-77. Apr.1952. 20 So84

66212 RUDAKOV, K. I. Mikroorganizmy i struktura pochvy [Microorganisms and soil structure]. Moskva, Gos. Izd-vo Selkhoz Lit-ry,1951. 45 p. 56.5 R83

66213 SAMUELS, G., and LANDRAU, P., JR. The effects of fertilizer applications on the yields and nodulation of tropical kudzu. Soil Sci. Soc. Amer. Proc. 16:154-155. Ref. Apr.1952. 56.9 So3

66214 SKINNER, F. A., JONES, P. C. T., and MOLLISON, J. E. A comparison of a direct- and a plate-counting technique for the quantitative estimation of soil microorganisms. J. Gen. Microbiol. 6:261-271. Ref. May 1952. 448.3 J823

Soil-Plant-Animal Relationships

66215 ALBRECHT, W. A. Soil fertility in relation to animal and human health. Milk Indus. Found. Conv. Proc. (1951) 44(5):5-15. 1952. 44.9 In8

66216 GIULIANI, R. Relation between soil, climate, forages and quality of livestock, with particular reference to the Province of Grosseto. (In Italian.) Agr. Tosc. 7: 77-86. Apr.1952. 16 Ag827

66217 KNOLL, J. G. Wie das futter—so die butter! Bauern-Ztg. 5(21):5. (Cont.) May 23,1952. 18 B324

66218 MURRAY, H. C., KELLENBARGER, S., and ARMBRUSTER, G. A. Protein efficiency and methionine content of Alaska peas grown with the use of various fertilizers. Agron. J. 44:252-253. Ref. May 1952. 4 Am34P

66219 NETICK, G. Soil and human fertility. I-II. Veldtrust 13(2):6-7; (3):22-23,28. Feb.-Mar.1952. 56.8 V54

Soil-plant-animal relationships.

66220 NIKLAS. Ernährungsbiologische gegenwartsfragen. (Excerpts.) Bionomica 2:17-19. 1951. 463.8 B52

Effects of soils.

66221 SAUCHELLI, V. La nutrición comienza en la tierra. Agr. Austral 20:56-58. Feb.1952. 9.3 Ag842

Soil Genesis, Formation, Classification, and Mapping

66222 ALIA, M., ALVIRA, T., and MUÑOZ TABOADELA, M. Estudio geológico edáfico de algunos suelos de la Guinea Continental Española. An. de Edafología y Fisiol. Veg. 11:1-32. Ref. Jan./Feb.1952. 506 Sp12

English summary.

66223 BUCKHANNAN, W. H., and others. Soil survey, Okfuskee County, Oklahoma. U. S. Bur. Plant Indus., Soils & Agr. Engin. Soil Survey. 1940(7),110 p. Apr.1952. 1 So32F

V. A. Bogard, H. H. Bush, A. D. Carson, E. O. Graham, W. A. Sparwasser, and G. O. Walker, joint authors.

66224 COSTA, J. V. B. DA. Suggestions for a program of soil survey and mapping in Angola. (In Portuguese.) Agron. Angolana 5:5-12. 1951. 24 Ag83

English summary.

66225 DOEGLAS, D. J. Loess, an eolian product; correction and a reply to the remarks of F. F. E. van Rummelen. J. Sedimentary Petrology 22:50-52. Ref. Mar.1952. 398.8 J82

66226 GARDNER, D. R., and WHITESIDE, E. P. Zonal soils in the transition region between the Podzol and Gray-Brown Podzolic regions in Michigan. Soil Sci. Soc. Amer. Proc. 16:137-141. Ref. Apr.1952. 56.9 So3

66227 JACKSON, N. Texas learns about its hardpan soils. Org. Farmer 3(11):30-31,55-58. June 1952. 57.8 Or3

66228 JAEGER, P., and JAROVOY, M. Les grès de Kita (Soudan occidental); leur influence sur la répartition du peuplement végétal. Inst. Franç. d'Afrique Noire. B. 14:1-18. Ref. Jan.1952. 515 D14

66229 KARIM, A. A new system of soil classification. Austral. Inst. Agr. Sci. J. 18:22-26. Ref. Mar.1952. 23 Au74

66230 KASCH, W. Bodenart und bodentyp. Deut. Landwirt. 3:235-237. May 1952. 18 D4822

Russian Zone.

66231 LAZAREV, A. A. Pochvy Serebriano-Prudskogo raĭona Moskovskoĭ oblasti [Soils of Serebriano-Prudskii District, Moscow Region]. Moskva,Akademiia Nauk SSSR,1951. 150 p. 56.26 L45

66232 LEUNG, K. W., and others. Soils of Tainan Prefecture, Taiwan Province. (In Japanese.) Taiwan Agr. Res. Inst. B. 6,243 p. Ref. Dec.1951. 22.5 F764

C. C. Chen, C. T. Lin, and C. Y. Lai, joint authors.

English summary.

66233 MOSS, H. C. Soil surveys of northern Saskatchewan. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11,p.38-40. Saskatoon,1951. 31.2 Sa72

66234 NYGARD, I. J., MCMILLER, P. R., and HOLE, F. D. Characteristics of some Podzolic, Brown Forest, and Chernozem soils of the northern portion of the Lake States. Soil Sci. Soc. Amer. Proc. 16:123-129. Ref. Apr.1952. 56.9 So3

66235 O'GRADY, L. J. Terrebonne clay loam responds to more potassium in the fertilizer. Better Crops Plant Food 36(5):18-21,45-46. May 1952. 6 B46

66236 ORVEDAL, A. C., KUBOTA, J., and SMITH, H. M. Major soil profiles and their relationship with climate. Natl. Res. Council. Highway Res. Bd. Spec. Rpt. 2:1-10. Ref. 1952. 290 N215Fr

66237 ROJAS CRUZ, L. A. Suelos de la sabana de Bogotá. III. Agr. Trop. 8(4):39-46. Apr.1952. 26 Ag8

66238 ROSELL, D. Z., and MAMISAO, J. P. The agricultural soils of the Philippines. Soil Sci. Soc. Philippines. J. 4:14-30. Ref. First Q.1952. 56.9 So35

66239 RUEDA FERRER, F. Los enarenados en Canarias. España Agr., Dec.1951:9-10. 335.8 Es6

66240 SCHAUFELBERGER, P. Comunicación sobre los suelos tropicales. An. de Edafología y Fisiol. Veg. 11:107-112. Jan./Feb.1952. 506 Sp12

66241 SLAVIN, M. Problems involved in a world-wide soil survey. Science 115:632. June 6,1952. 470 Sci2

66242 STORIE, R. E., and WIESLANDER, A. E. Dominant soils of the redwood—Douglas-fir region of California. Soil Sci. Soc. Amer. Proc. 16:163-167. Apr. 1952. 56.9 So3

66243 SWANSON, C. L. W., SHEARIN, A. E., and BOURBEAU, G. A. Characteristics of some Brown Podzolic profiles in the central lowland of Connecticut and Massachusetts. Soil Sci. Soc. Amer. Proc. 16:203-207. Ref. Apr.1952. 56.9 So3

66244 VAGELER, P. Die agrogeologische aufnahme jungfräulicher grossräume als grundlage der wirtschaftsplanung. Acta Trop. 9:52-68. 1952. 475 Ac8
English summary.
Chiefly tropical.

66245 WILLIAMS, B. H., and BOWSER, W. E. Gray wooded soils in parts of Alberta and Montana. Soil Sci. Soc. Amer. Proc. 16:130-133. Ref. Apr.1952. 56.9 So3

66246 YAMADA, S. A proposed soil survey method of volcanogenous soil and work of the investigation of volcanogenous soil in Hokkaido. Hokkaido Natl. Agr. Expt. Sta. Rpt. 44,100 p. Nov.1951. 107.6 H68N
English summary.

66247 THERON, J. J. The influence of plants on the mineralization of nitrogen and the maintenance of organic matter in the soil. J. Agr. Sci. 41:289-296. Ref. Oct. 1951. 10 J822

SOIL MANAGEMENT

66248 ALTEN, F., and DOEHRING. Mineraldungung oder biologisch-dynamische wirtschaftsweise? Uebersicht 3(3):47-52. Ref. Mar.1952. 18 Ub3

66249 BAUMGARTNER, A. Rückwirkungen von landeskulturmassnahmen auf niederschlag und verdunstung in trockenzeiten. Allg. Forstz. 7:245-248. May 28, 1952. 99.8 AL52

66250 BUTLER, E. This "organic farming" folly. Prog. Farmer, Tex. Ed. 67(6):69-70. June 1952. 6 T311

66251 CARHART, A. H. Snarls and conflicts. Land 11:78-82. Spring 1952. 279.8 L22
Soil and watershed management.

66252 CROCIONI, A. Present state of reclamation of agricultural lands. (In Italian.) Colt. e Glor. Vinic. Ital. (n.s.)98:146-148. Apr.1952. 16 C72
Mountain areas.

66253 DANNEN, E. V., and POWERS, W. L. Conservation of soil fertility. (Abs.) Oreg. Acad. Sci. Proc. 2: 30-31. 1948-51. 500 Or3

66254 ESCHER, P. A. Farming in the Rio Grande Valley. Bio-dynamics 10:27-32. Winter/Spring 1952. 56.8 B52

66255 FLETCHER, P. W. The hydrologic function of forest soils in watershed management. J. Forestry 50: 359-362. May 1952. 99.8 F768

66256 HOLMES, N. D. JR. A new crop rotation—fish and rice. Prog. Farmer, Miss.-Ark.-La. Ed. 67(6):15, 104-105. June 1952. 6 So81

66257 KANNENBERG, H. Der mensch und die landeskultur. Landwirtbl. Weser-Ems 99:387-388. Apr.17,1952. 18 L2345

66258 KONEMANN, E. Am anfang stand die mischkultur—und heute wieder; uber den neuesten stand der praktischen durchführung nach bionomischen grundsätzen. Bebauet die Erde 21:11-12. 1951. 18 B38

66259 LAND reclamation under the Marshall plan. World Crops 4:205-207. June 1952. 281.8 W892
In Europe and Africa.

66260 MILLER, P. W. Soil management in relation to growth. Amer. Rose Annu. 37:46-56. 1952. 81 Am31A

66261 MOSTI, A. Reclamation. (In Italian.) Spezia Agr. 7(4):3. Apr.1,1952. 16 Sp3
Hill country in Italy.

66262 NEYNABER, K. Die vorbereitung des abgetorften moores für die fehnkultur. Wasser u. Boden 4:39-40. Feb.1952. 56.8 W28

66263 PFEIFFER, E. E. Green manuring, organic fertilizer, compost in spring? Bio-dynamics 10:18-21. Winter/Spring 1952. 56.8 B52

66264 PFEIFFER, E. E. Observations of bio-dynamic and mineral treatment of soil. (The Experimental Garden in 1951). Bio-dynamics 10:2-13. Winter/Spring 1952. 56.8 B52
Analysis for carotene, phosphate content, nitrate content, changes in organic matter and acidity measured in pH due to nitrogen and phosphates added.

66265 PUHR, L. F., and WORZELLA, W. W. Fertility maintenance and management of South Dakota soils. S. Dak. Agr. Expt. Sta. C. 92,24 p. Feb.1952. 100 So82

66266 REICHART, M. A. L. Mejoramiento y recuperación de suelos salinos y alcalinos. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(28): 19-22. Oct.1951. 9 Ar35

66267 RODALE, J. I. The real cause of the Missouri flood. Why build big dams, when organic matter in the soil will solve flood problems? Org. Farmer 3(11):35-36. June 1952. 57.8 Or3

66268 SACCHI, L. Let us pay the debt to our mountains. (In Italian.) Agricoltura 1(1):40-42. Jan.1952. 16 Ag8226
Reclamation in Italy.

66269 SCHAUFELBERGER, P. Die praktischen probleme der tropischen bodenkunde. Acta Trop. 9:17-51. Ref. 1952. 475 Ac8
English summary.

66270 SEARS, P. B. Comparative costs of restoration and reclamation of land. Amer. Acad. Polit. & Soc. Sci. Ann. 281:126-134. May 1952. 280.9 Am34

66271 STAHR, A. Not so cockeyed; an organic travelog. Land 11:42-46. Spring 1952. 279.8 L22

Soil Fertility

66272 ABBISS, H. W. Potash-fed Brassicas travel best. Grower [London] 37:1236-1237. May 31,1952. 286.83 M34

66273 AGUIRRE ANDRES, J. Cianamida cálcica española. Agricultura [Madrid] 21:182-186. Apr.1952. 15 Ag84
Importance as fertilizer and cotton defoliator.

66274 ALBRECHT, R. Soil specialist explains why nitrogen is key to higher crop production. Prairie Farmer, Gen. Ed. 124(9):5,22. May 3,1952. 6 P883

66275 ALBRECHT, W. A. Soil fertility—a weapon against weeds. Org. Farmer 3(11):16-17,44-45. June 1952. 57.8 Or3

66276 ALBRECHT, W. E. Fertility has no substitute. Farm Q. 7(2):70-76. Summer 1952. 6 F22995

66277 ANDERSON, M. N., and HARLEY, C. P. Now Farmers can foliage feed plants. Better Farming Methods 24(6):45-46. June 1952. 58.8 B46

66278 ANDREW, C. S., KIPPS, E. H., and BARFORD, H. Plant responses to nitrogen and sulphur on a heavy clay soil from the Darling Downs, south-east Queensland. Austral. J. Agr. Res. 3:111-124. Apr.1952. 23 Au783

66279 ANNE, P., DUPUIS, M., and MAROCKE, R. Considérations sur la nutrition du cerisier. Cong. Pomol. de Lorraine. Compt. Rend. 4:87-94. 1951. 93.09 C7692

66280 ARNDT, A. Veränderung des pflanzenbestandes einer dauerweide durch düngung. Deut. Landwirt. 3:205-206. Apr.1952. 18 D4822
Russian Zone.

66281 BAJWA, B. S., and KAURA, N. R. Manuring citrus trees. Indian J. Hort. 9:29-32. Mar.1952. 80 In2

66282 BAUDEWIJN, J. Urea spraying as nitrogen fertilizer for fruit. (In Flemish.) Tuinbouwberichten 16: 74-75. May 15,1952. 80 T817

66283 BAYER, G. Praktische und wissenschaftliche tatsachen zur gesteinsmehlanwendung. Bebauet die Erde 21:10-11. 1951. 18 B38
Fertilizer.

66284 BEATTIE, J. M., and JUDKINS, W. P. Status of Ohio peach trees with respect to certain plant elements. Ohio. Agr. Expt. Sta. Rec. C. 17,11 p. Apr.1952. 100 Oh3R
Foliar diagnosis.

66285 BENSON, N. R. What good are cover crops? Better Fruit 46(12):11,17-19. June 1952. 80 B46

66286 BENVENUTI, B. Fertilizing of cotton; importance of nitrogen application. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(38):9. May 7,1952. 281.8 Ag3

66287 BERGER, K. C. Fertilizer and soil management for potatoes. Badger Common 'Tater 5(4):12-13. Apr.1952. 75.8 B14

66288 BERGER, K. C. Plant food balance for potatoes. Badger Common 'Tater 5(3):11. Mar.1952. 75.8 B14

66289 BERTUCH, M. D. Make your beds—your flowers lie in them. Md. Gard. 6(3):5,19. Mar.1952. 80 M362

66290 BHUSHANAM, K. Review of manurial experiments in India. Madras Agr. J. 39:148-156. Mar.1952. 22 M262

66291 BIESALSKI, E. Das düngerstreuen von hand. Deut. Landwirt.-Gesell. Mitt. 67:277-278. Apr.26,1952. 18 N39

66292 BLANCO MACIAS, G. Mejoremos los suelos con abonos verdes. Tierra [Mexico] 7:230-232,259. Apr.1952. 8 T445
Mexico.

66293 BOER, K. DE. Manure on grassland. (In Dutch.) Nederlandse Ver. tot Bevord. der Biol-Dyn. Landbmethode. Vruchtbare Aarde 10:14-16. Apr.1952. 80 N28

66294 BONISOLI, L. Tópicos de conservación de suelos. La transformación físico-econômico del conuco. Venezuela. Dir. Forest. Ser. Forest. 24,6 p. Jan.1952. 99.9 V55

66295 BOURDIER, L. En Anjou. Potasse 26:79-82. Apr.1952. 57.8 P84
Foliar diagnosis and grape fertilizers.

66296 BRÜNE. Zur stickstoffdüngung auf heidesandböden. Landwirtbl. Weser-Ems 99:462-463. May 8, 1952. 18 L2345

66297 BRÜNE, F. Ein beitrag zum hanfanbau auf hochmoor. Landwirtbl. Weser-Ems 99:392. Apr.17, 1952. 18 L2345
Chiefly fertilizing.

66298 BUTIJN, J. Green fertilizing in fruit culture. III. (In Dutch.) Fruitteelt 42:388. May 8,1952. 86 N28

66299 BUTIJN, J. Green manuring in fruit culture. II. (In Dutch.) Fruitteelt 42:322. Apr.17,1952. 86 N28

66300 CALZADA B., J. El abonamiento a base de guano de las islas en los cultivos de arroz (Lambayeque). Vida Agr. [Lima] 29:197,199. Mar.1952. 9.8 V66

66301 CARLTON, R. A. The use of soil amendments in mango production. In Florida Mango Forum. Mango studies, p.32-33. Stuart,1951. 93.45 F66

66302 CASINI, P. Relazione generale compiti e problemi della bonifica nel momento attuale [General report on fertilizer results and problems of the present time]. Assoc. Naz. delle Bonifiche, delle Irrig. e dei Miglioramenti Fondiari B. 2/3,sup.,11 p. 1952. 55.9 As72

66303 CERVI, B. Con abonos, humus y buen trabajo se mejora la fertilidad del suelo. Mundo Agr. 4(36):80-82. May 1952. 9 M92

66304 CESARINA, P. T. Fertilizing of fruit trees. (In Italian.) B. dell'Agr. 86(17):1. Apr.25,1952. 16 B87
Italy.

66305 CHAMPRENAULT, Y. Le fumier artificiel: deux à-côté de la motorisation agricole. Agr. Prat. 116: 251-252. May 1952. 14 J82
France.

66306 CHEANEY, R. L., WYCHE, R. H., and BEACHELL, H. M. Fertilizers for rice. (In Portuguese.) Fazenda 47(5):40,42. May 1952. 6 H11P

66307 CHRISTENSENS, A. Soil treatment and cover crops. (In Danish.) Erhvervsfrugtavleren 18:221-224. (Cont.) May 1,1952. 80 Er3
In orchards.

66308 CLARK, L. The orchard floor worm's eye view. Farmers Wk. [London] 36(21):67. May 23,1952. 10 F2226
Chiefly about soil fertility and roots.

66309 CONNECTICUT. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Fertilization of grasses and legumes. Storrs,1952. 1 p. 275.2 C76Fg

66310 CORTVRIENDT, S. F., and GROOTE, R. DE. Nouvelle technique en vue de l'étude expérimentale de la nutrition minérale des plantes ornementales. Rev. de l'Agr. 5:107-113. Feb.1952. 13 R322
English summary.

66311 CROWTHER, E. M. American fertiliser practice and problems. World Crops 4:211-214. June 1952. 281.8 W892

66312 DODD, L. Lots of fertilizer helps make early tomatoes. Calif. Farmer, South. Ed. 196:526. May 17, 1952. 6 C126A

66313 DORAISWAMY, S. V., and MEENAKSHISUNDARAM, K. A note on the economic aspects of manuring crops. Madras Agr. J. 39:187-192. Mar.1952. 22 M262

66314 DOREY, O. G. The grassing down of orchards. Brit. Farmer 47:6. May 31,1952. 281.8 B77

66315 DORPH-PETERSEN, K. Importance of liming and marling in agriculture. (In Danish.) Dansk Landbr. 71:256. May 29,1952. 280.28 V91

66316 DOTZENKO, A. D., and WILSON, M. L. The effect of fertilizers on yield and botanical composition of an irrigated pasture mixture. N. Mex. Agr. Expt. Sta. Press B 1068,3 p. Apr.1952. 100 N465

66317 DREGNE, H. E., and CHANG, C. W. The use of gypsum in soils. N. Mex. Agr. Expt. Sta. Press B. 1070,3 p. May 1952. 100 N465

66318 DUMLEIN, H. Stickstoffdüngung zur braugerste? Deut. Landwirt. Presse 75:117-118. May 3, 1952. 18 D482

66319 EHLERS, P., and others. Fertilization and improvement of native subirrigated meadows in Nebraska. Nebr. Agr. Expt. Sta. C. 92,15 p. Apr.1952. 100 N27
G. Viehmeyer, R. Ramig, and E. M. Brouse, joint authors.

66320 EMILSSON, B. Recent experiments concerning fertilizing of potatoes. (In Swedish.) Växt-Näring-Nytt 8(4):8-11. Ref. 1952. 57.8 V47

66321 ENGEL, H. Die art des einbringens des granulierten superphosphates in den boden. Deut. Landwirt. 3:127-130. Mar.1952. 18 D4822

66322 ENGELMANN, H. Verspätete düngungsmassnahmen. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 760. May 15,1952. 18 L2346
Field crops.

66323 FERNANDES, A. G. Planting a vineyard; initial fertilizing. (In Portuguese.) Sitios e Fazendas 18(4):68-69. Apr.1952. 9.2 Si8
Brazil.

66324 FONDARD, L. La cianamide. Réveil Agr. 61:146-147. May 15,1952. 14 R322
Fertilizer.

66325 FOSTER, M. B. Potting material for Bromeliads. Bromeliad Soc. B. 2:21-22,24. Mar./Apr.1952. 451 B78

66326 FRANCK, O. Avoid nitrogen fertilizing for cover crops. (In Swedish.) Försök och Forsk. 9:28-29. Apr./May 1952. 11 F77

66327 FRIEDMANN, G. Let us give fertilizers in irrigation water, so that the soil always remains alive. (In Italian.) Agricoltura 1(3):8-10. Mar.1952. 16 Ag8226
English summary.

66328 GARION, L., JR. Water requirements of trees not always appreciated by fruit and nut growers. West. Fruit Grower 6(5):22. May 1952. 95.8 G762
Cover crops are recommended to conserve moisture.

66329 GARNHAM, R. Topdressing hill-country: pilot's point of view. Massey Agr. Col. Sheepfarming Annu. 4:42-45. Nov.1951. 45.9 M385

66330 GASPART, E. Faut-il craindre les pertes d'engrais dans le sol? Sillon Belge 22(505):9. Apr.19, 1952. 13 Si3

66331 GREENALL, A. F., QUILL, S. G., and STEPHENSON, J. Aerial top-dressing trials: equipment and flying techniques used and measurement of distribution of phosphate. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 33(6):54-68. Apr.1952. 514 N48A

66332 GREVE, H. H. Mehr sorgfalt beim düngerstreuen! Praxis u. Forsch. 4:45-46. Apr.20,1952. 18 P89

66333 GUERILLOT, J. Quelques observations sur des essais de fumure phosphatée avec phospal sur blé d'automne. France. Min. de l'Agr. B. Tech. d'Inform. 68:219-222. Apr.1952. 14 F844B

66334 GUEYDON, L., and PERUCHON, J. Fumure de la vigne. Inform. Marocaine 587:1,3. Apr.12,1952. 281.8 In3

66335 GUNTHER, E. Einfluss der fruchtfolge auf die bodenfruchtbarkeit. Kühn-Arch. 64:34-98. 1951. 105.8 H15Ku

66336 GUTENBERG. Tagesfragen des kartoffelanbaues auf den schwereren böden des lippischen berglandes. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 641-643. Apr.24,1952. 18 L2346

66337 HANSCHELL, D. M. Manurial trials with sugar cane in Trinidad. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:78-91. Ref. 65.9 B775
Includes discussion.

66338 HARDY, F., and RODRIGUES, G. The nitrogen enigma of the sugar cane soils of British Guiana. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951: 97-102. 65.9 B775
Includes discussion.

66339 HARVEY, H. G. Soils for African violets. African Violet Mag. 5(4):10-12,45-49. June 1952. 80 Af8

66340 HERVEY, R. J., FISHER, F. L., and JOHNSTON, J. R. The influence of spacing and fertilizer on plant size and shape, boll production and fiber yield of cotton grown on Houston black clay at Temple, 1951. Tex. Agr. Expt. Sta. Prog. Rpt. 1457,5 p. May 1,1952. 100 T31P

66341 HEYMANN-HERSHBERG, L. Soil and leaf analyses as indicators of fertiliser requirement in Shamouti orange groves. Israel. Res. Council. B. 1(4):20-37. Ref. Feb.1952. 330.9 Is72B

66342 HOFFMAN, R. M. Synthetic urea form of nitrogen boosts strawberry plant production. West. Fruit Grower 6(6):29. June 1952. 95.8 G762

66343 HOLLAND, J. G. Some interesting things I have learned about fertilizer and Camellias. Camellian 3:125,149. Mar.1952. 97.31 C14

66344 HOLT, E. D. Topdressing hill-country: farmers can lower costs of spreading. Massey Agr. Col. Sheepfarming Annu. 4:38-41. Nov.1951. 45.9 M385
Aircraft application.

66345 HURSH, H. J. A method of applying soluble fertilizer in a slat shed. Ohio Florists Assoc. B. 272:3-4. May 1952. 81 Oh36

66346 INNES, R. F., and CHINLOY, T. The effects of fertilisers on sugar cane. I. Potash. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:56-72. Ref. 65.9 B775
Includes discussion.

66347 INTERNATIONAL RICE COMMISSION. WORKING PARTY ON FERTILIZERS. Report of the first meeting convened by the Food and Agriculture Organization of the United Nations, Bogor, Indonesia,14-19 April, 1951. Food & Agr. Organ. United Nations. FAO Devlpmt. Paper. Agr. 11,18 p. Oct.1951. 281.9 F733

66348 JACOB, A. Volldünger oder einzeldünger? Deut. Landwirt. Presse 75:129. May 17,1952. 18 D482

66349 JOHNSEN, V. Importance of liming and marling in agriculture. (In Danish.) Dansk Landbr. 71: 222-223. May 8,1952. 280.28 V91

66350 JOHNSON, P. E. Potassium-nitrogen balance for high corn yields. Better Crops Plant Food 36(5):6-12, 47-50. May 1952. 6 B46

66351 JORGENSON, G. E. Foliage feeding and pest control. Amer. Rose Annu. 37:65-68. 1952. 81 Am31A

66352 JORGENSON, G. E. Loud and lively enthusiasm for feeding plants through leaves. Pop. Gard. [Albany] 3(6):34,50. June 1952. 80 P812

66353 KELLER, W. D. How plants feed on organic matter and clay. Org. Farmer 3(11):24-25,48-49. June 1952. 57.8 Or3

66354 KIRCHMEYER. Betriebswirtschaftliche überlegungen über intensive düngerwirtschaft. Kärntner Bauer 102(15/16):244-245. Apr.12,1952. 19 K14

66355 KNOWLES, W. H. C. A brief review of sugar cane manuring in British Guiana. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:92-96. 65.9 B775
Includes discussion.

66356 KOBERNUSS, E. C. Untersuchungen zur ursache und behebung der bodenmüdigkeit bei obstgehölzen. Kühn-Arch. 64:365-408. Ref. 1951. 105.8 H15Ku

66357 KÖNEMANN, E. Nicht stalldung—sondern humus. Bebauet die Erde 21:17-18. 1951. 18 B38

66358 KONNECKE, G. Ertragssteigerung und erhaltung der bodenfruchtbarkeit durch umstellung von fruchtfolgen. Kühn-Arch. 64:107-224. Ref. 1951. 105.8 H15Ku

66359 KOOPMANN. Bodenuntersuchung auf dauerweiden. Hannoversche Land- u. Forstwirt. Ztg. 105:503. May 17,1952. 18 H194
Fertilizer tests.

66360 KOPETZ, L. M. Moderne probleme der mineraldüngung. Osterr. Chem.-Ztg. 53:112-117. May 1952. 384 Os7

66361 KÜPPERS, G. A. Nährstoffansprüche der topinambur. Zucker 5:91-93. Mar.1,1952. 65.8 Z82

66362 LAKSHMIKANTHAM, M. Some practical aspects of application of bulky organic manures to sugarcane in Madras. Madras Agr. J. 39:226-242. Ref. Mar. 1952. 22 M262

66363 LAMB, J. The maintenance of fertility in tea soils. Planters' Chron. 47:146-149. Mar.15,1952. 22 P693

66364 LARDY, A. Wheat and superphosphate. (In Portuguese.) Lav. Arroz. 5(60):58-59. Dec.1951. 59.8 L39

66365 LASSERRE. Façons culturales et engrais appliqués à la vigne. Rev. Agr. de l'Afrique du Nord 50: 150-151. Feb.29,1952. 80 R326

66366 LASTARRIA CAVERO, B. El Padre Carmiña, primer blanco que usó el salitre como abono. Rev. de Agr. [San José] 24:119,121. Apr.1952. 8 Es1

66367 LEAVITT, F. H. Relationship of fertilizer to irrigation. West. Fruit Grower 6(5):19-20. May 1952. 95.8 G762

66368 LEMBKE, F. Die reihendüngung der kartoffel. Deut. Landwirt.-Gesell. Mitt. 67:264-265. Apr.19,1952. 18 N39

66369 LIUBSKAIA, A. Increasing the productivity of meadows. (In Russian.) Kolkhoz. Proizvodstvo 12(4):33. Apr.1952. 281.8 K83
By application of fertilizers.

66370 LUND, C. F., FREYALDENHOVEN, W. H., and ALLEN, E. J. 1952 fertilizer recommendations for Arkansas. Ark. Agr. Col. Ext. C. 467,rev.,15 p. Feb. 1952. 275.29 Ar4

66371 LUNIN, M. T. Effect of manure-phosphorite compost on yields of agricultural crops. (In Russian.) Sovet. Agron. 10(4):63-65. Apr.1952. 20 So84
Experiments with sugar beets and rye.

66372 LYNCH, P. B. Topdressing hill-country: efficiency of the aeroplane. Massey Agr. Col. Sheepfarming Annu. 4:19-27. Nov.1951. 45.9 M385
Includes discussion.

66373 LYON, A. V. Fertilising. Negative results from phosphate and potash where bulk manures applied. Citrus News 28:7. Jan.1952. 80 C494

66374 MCALLISTER, J. S. V. The manuring of grassland; a study of the response of grassland in Northern Ireland to late applications of nitrogen. North. Ireland. Min. Agr. Res. & Expt. Rec. 1951:66-74. 1952. 10 N81R

66375 MCCONAGHY, S., and MCALLISTER, J. S. V. Experiments with phosphatic fertilisers in Northern Ireland 1942-47. North. Ireland. Min. Agr. Res. & Expt. Rec. 1951:1-23. 1952. 10 N81R

66376 MCLACHLAN, K. D. The occurrence of sulphur deficiency on a soil of adequate phosphorus status. Austral. J. Agr. Res. 3:125-127. Apr.1952. 23 Au783

66377 MADDEN, E. A. Topdressing hill-country: steps to ensure maximum benefits. Massey Agr. Col. Sheepfarming Annu. 4:28-31,33-35,37. Nov.1951. 45.9 M385

66378 MARTIN, F. La vérifiïcation des lois de Mitscherlich; expérimentation péruvienne sur la canne à sucre. B. des Engrais 337:8-11. Jan.1952. 57.8 B87

66379 MEER, VON. Düngung und leistung der weideversuche. Landwirt. Z. der Nord-Rheinprov. 119:402. Apr.19,1952. 18 L2344

66380 MELVILLE, J. Nitrogen in pasture production. Massey Agr. Col. Dairyfarming Annu. 4:45-49,51-55. Nov.1951. 44.9 M382
Includes discussion.

66381 MIDDELBURG, H. A. Lime requirement of lateritic soils. (In Dutch.) Bergcultures 21:126-130. Ref. Apr.1,1952. 22.5 B45
English summary.
Indonesia.

66382 MIRIMANIAN, KH. P. Teaching on fertilizer application and agricultural chemistry. (In Russian.) Sovet. Agron. 10(4):83-86. Apr.1952. 20 So84
Discussion of S. A. Kudrin's article.

66383 MITCHELL, W. G. New Romack rights winter pea wrongs. South. Seedsman 15(6):24,56. June 1952. 61.8 So8

66384 MOHR, K. H. Kalk schafft leben! Hannoversche Land- u. Forstwirt. Ztg. 105:504-505. May 17, 1952. 18 H194
Use in soils.

66385 NARASIMHAMURTHI, B. L. Economic dose of groundnut cake (as manure) for enhancing yields of irrigated ragi [millet]. Madras Agr. J. 39:183-184. Mar. 1952. 22 M262

66386 NARAYANA, G. V. Manuring of the coconut crop. Madras Agr. J. 39:81-87. Mar.1952. 22 M262

66387 NAUNDORF, G. Compuestos orgánicos del fósforo como fertilizantes en forma de pulverizaciones sobre las hojas de la planta. Palmira. Estac. Agr. Expt. Notas Agron. 4:49-51. Jan./Dec.1951. 102.5 P18N
English summary.

66388 NILSSON, A. Humucillin for cucumbers. (In Swedish.) Weibulls Allehanda 12:12. 1952. 80 W42

66389 NILSSON, A. Humucillin in propagation. (In Swedish.) Weibulls Allehanda 12:23. 1952. 80 W42
Ornamentals.

66390 NORTH DAKOTA. STATE WATER CONSERVATION COMMISSION. Atomic energy used on fertilizer problems. Bismarck,1951. 2 p. 57.7 N812
Tracers.

66391 NUNN, W. M. Kimberley soils need phosphates. West. Austral. Dept. Agr. J. (n.s.)1:97,99-101. Jan./Feb.1952. 23 W52J

66392 PAISLEY, K. Fertilisers for horticultural crops. 7. Manures for beetroot, parsnips, and turnips. Fert. Feed. Stuffs & Farm Supplies J. 38:333,335. May 28,1352. 57.8 F413

66393 PANOV, A. A. Effect of small portions of lime on yields of perennial grasses and legumes on acid turfy-Podzolic soils. (In Russian.) Sovet. Agron. 10(5): 84-85. May 1952. 20 So84

66394 PARKER, C.W. Mulch use pays in modern fine turf production. Golfdom 26:51-54. Jan.1952. 60.18 G58

66395 PARTHASARATHY, S. V. On planning manurial experiments in sugarcane in Madras State. Madras Agr. J. 39:104-129. Mar.1952. 22 M262

66396 PETERSON, H. B. For better sweet corn balance,nitrogen and water. Canner 114(18):14-15. May 3,1952. 286.83 C16

66397 PHILLIPS, C. E. Maintaining soil fertility. Milk Indus. Found. Conv. Proc. (1951) 44(5):16-19. 1952. 44.9 In8

66398 PHILLIPS, F. J. El suelo y los abonos verdes. Chacra 22(258):26. May 1952. 9 C34

66399 POWELL, T. Roots and soil fertility; the basis of all farm production is the root. Org. Farmer 3(11):32-33,58-61. June 1952. 57.8 Or3

66400 PRAILL, F. E. M. Nitrogen for peas whatever the textbooks say. Grower [London] 37:1282-1283. June 7,1952. 286.83 M34

66401 PREVITALI, A. Modern methods of applying phosphates to pastures. (In Italian.) Agr. Molisana 3(4): 1-2. Apr.1952. 16 Ag8267

66402 PUTZER, J. Die bessere grünlandnutzung. Landwirt. Z. der Nord-Rheinprov. 119:400. Apr.19, 1952. 18 L2344
Chiefly on fertilizing.

66403 RAMAKRISHNAN, T. S. Manures and their effects on incidence of disease in crops. Madras Agr. J. 39:96-103. Ref. Mar.1952. 22 M262

66404 RAO, C. H. Manurial experiments on rice in W. Godavari, (District trials). Madras Agr. J. 39:180-182. Mar.1952. 22 M262

66405 RAO, C. J. Manures—in relation to cotton production in Madras State. Madras Agr. J. 39:88-90. Mar.1952. 22 M262

66406 RAO, M. B. V. N., BALASUBRAMANIAM, C., and JAYARAMAN, M. V. Climate in relation to manuring of crops. Madras Agr. J. 39:261-263. Mar.1952. 22 M262

66407 RAO, M. B. V. N. Manuring of rice with reference to different environmental factors. Madras Agr. J. 39:65-72. Mar.1952. 22 M262

66408 RAO, N. V. M., and NARASIMHAM, R. L. The nitrogen nutrition of sugarcane. Madras Agr. J. 39:243-255. Ref. Mar.1952. 22 M262

66409 RAO, P. K., and NAMBIAR, A. K. Manuring of millets in Madras. Madras Agr. J. 39:73-80. Mar.1952. 22 M262

66410 RAO, P. N. A., and RAO, K. H. The importance of liming to the paddy soils of South Kanara. Madras Agr. J. 39:173-179. Mar.1952. 22 M262

66411 RAUH, G. Dem gras ins maul düngen. Landwirt. Wchnbl. 142:467. Apr.26,1952. 18 L2338

66412 RAUM, H. Dauergrünland, wechselgrünland und zwischenfruchtbau als quellen der bodengare. Z. f. Pflanzenbau u. Pflanzenschutz 3:39-48. Ref. 1952. 464.8 P88

66413 REBOUR, H. Quelques particularités de la fumure des arbres fruitiers. Soc. des Agr. d'Algérie. B. 96:107-113. 1951/52. 24 So1

66414 RIVEROS, J. E. Empobrecimiento de materias orgánicas en las tierras cultivadas con la vid. Vinos, Viñas y Frutas 46:363-366. Feb.1952. 9 Ag89

66415 ROBINSON, J. B. D. A brief review of sugarcane manuring in Barbados. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:73-77. Ref. 65.9 B775
Includes discussion.

66416 ROGENT, I. Los fertilizantes en horticultura y jardinería. Cult. Mod. 35:128. Apr.1952. 15 C89
Spain.

66417 ROJAS CRUZ, L. A. Manual de abonos químicos y comerciales y enmiendas del suelo. Rev. Nac. de Agr. 46(563):22-25,27-30. Mar.1952. 9.4 R32

66418 RUEHLE, G. D. Fertilizer practices for the mango. In Florida Mango Forum. Mango studies, p.34-39. Ref. Stuart,1951. 93.45 F66

66419 SACHTSCHALE, R. Plant foods for Wisconsin potatoes. Badger Common 'Tater 5(3):8-9. Mar.1952. 75.8 B14

66420 SALGADO, M. L. M. The manuring of underplanted young palms. Ceylon Coconut Q. 2:161-164. Oct./Dec.1951. 77.8 C33

66421 SAMAD, A. A., and SAHADEVAN, P. C. Manuring of rice in Malabar. Madras Agr. J. 39:160-172. Mar.1952. 22 M262

66422 SAUERLANDT, W. Hohe erträge ohne humuswirtschaft? Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:605-606. Apr.17,1952. 18 L2346
Fertilizing.

66423 SCARSBROOK, C. E., DEMENT, J. D., and STURGIS, M. B. Depth to plow pan as a factor in sugar cane production. Soil Sci. Soc. Amer. Proc. 16:148-150. Apr.1952. 56.9 So3

66424 SEETHARAMAIAH, P., KRISHNAMURTY, K., and SURYANARAYANA, J. V. V. Manuring of ratoons in sugarcane. Madras Agr. J. 39:218-225. Mar.1952. 22 M262

66425 SILVA, A. R. DA. We should fertilize our crops. (In Portuguese.) Lav. Arroz. 5(60):65-66,68. Dec.1951. 59.8 L39

66426 SIMONS, G. B. Does fertilizer pay? Dakota Farmer 72(2):10. Jan.19,1952. 6 D14

66427 SMITH, V. T., and BAKER, G. O. Fertilizer recommendations for Idaho soils. Idaho. Agr. Col. Ext. C. 120,11 p. Feb.1952. 275.29 Id13C

66428 SOBRINHO, M. Restoration of humus in coffee plantations. (In Portuguese.) São Paulo. Supt. dos Serv. do Café. B. 27:119-120. Feb.1952. 68.29 Sa63

66429 STUDER, E. Why the coffee plant requires more nitrogen. Indian Coffee Mon. B. 16:24-25. Feb. 1952. 68.29 In23M

66430 SWEETSER, G. A. Can you read the signs? Amer. Rose Mag. 10(5):7-8. May 1952. 80 Am327A
Foliar diagnosis of mineral deficiencies.

66431 SWEETSER, G. A. Know your fertilizers. Amer. Rose Mag. 10(4):7-8. Apr.1952. 80 Am327A

66432 SWEETSER, G. A. The soil must be right. Amer. Rose Mag. 10(3):4-6. Mar.1952. 80 Am327A

66433 TARCHI, A. Problem of potassium fertilizers. (In Italian.) Chimica (n.s.)7:94-96. Ref. Mar.1952. 385 C445

66434 TEIXEIRA, L. P. The plant and the soil. (In Portuguese.) Selec. Agr. 7(71):19-21. Mar.1952. 9.2 Se4
Fertility.

66435 TERMAN, G. L., and MURPHY, H. J. Yield and quality of peas for processing as affected by lime and fertilizers. Soil Sci. Soc. Amer. Proc. 16:182-185. Apr. 1952. 56.9 So3

66436 THIERY, P. La solution britannique au problème des amendements calcaires. France. Min. de l'Agr. B. Tech. d'Inform. 67:143-149. Mar.1952. 14 F844B

66437 THOMPSON, A. H. Fertilizers for cherries. Mountaineer Grower 22(190):51-53. Feb.1952. 80 M86

66438 U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. Fertilizer and other experiments with rice in California, by J. W. Jones. Beltsville,1952. 15 p. 1.965 C2F41

66439 VACHHANI, M. V. Fertilizer use for stepping up rice production. Indian Farming 2:28. Apr.1952. 22 In283

66440 VALANTIN, G., BESSUAND, J., and ESTIENNE, A. Méthodes analytiques appliquées au diagnostic foliaire. Oléagineux 7:363-365. June 1952. 77.8 OL2

66441 VENKATASUBRAMANIAN, M. K., and DORAIRAJ, K. Green manuring semi-dry paddy. Madras Agr. J. 39:157-159. Mar.1952. 22 M262

66442 VERGHESE, E. J. Quality of green manured rice. Madras Agr. J. 39:256-260. Ref. Mar.1952. 22 M262

66443 WALKER, T. B. More per acre, the only answer to future food demands. Fert. Rev. 27(2):3-5,11. Apr./June 1952. 57.8 F414

66444 WALKER, T. W. The economic use of fertilizers. Worcestershire Agr. Chron. 20:105,107;109, 111,113,115,117. Feb./May 1952. 10 W892

66445 WEZER, A. VAN. Green manuring and shading. (In Flemish.) Cult. en Handel 18:298-299. May 1952. 80 C892
In Congo.

66446 WILLIAMS, D. H. The magic and mystery of humus. Amer. Rose Annu. 37:59-61. 1952. 81 Am31A

66447 WOLFF, W. H. Chemical fertilizers aid garden lilies. Pop. Gard. [Albany] 3(4):10-11. Apr.1952. 80 P812

66448 ZIEMER. Diskussion über kartoffeldüngung. Deut. Landwirt. Presse 75:118. May 3,1952. 18 D482

Soil Tilth and Tillage

66449 AGUERO POLO, R. La preparacion del terreno. Almanaque Agr. Nac. 1952:83-85,87-91. 8 AL64
Cuba.

66450 ANDREEV, V. A. Peat mulch. (In Russian.) Sovet. Agron. 10(5):86-88. May 1952. 20 So84

66451 BAUMGARTEN, O. Welche bedeutung hat die frühjahrsbestellung 1952? Deut. Landwirt. 3:113-114. Mar.1952. 18 D4822
Russian Zone.

66452 BERZAGHI, M. N. Considerations on the use of the plow. I-II. (In Portuguese.) Rev. dos Mercados 3 (18):26-28;(19):32-34. Feb.-Mar.1952. 286.8 R328

66453 BIDWELL, W. Reducing thatch brings back healthy turf. Golfdom 26(3):78,80,82. Mar.1952. 60.18 G58

66454 BRUNDAGE, V. Mulching comes first. Org. Gard. 20(6):28-29,45-46. June 1952. 56.8 Or3

66455 BRUNER, E. C. Coffee hull mulch. Pop. Gard. [Albany] 3(6):29. June 1952. 80 P812

66456 GAZZERA, E. Tillage and hill reclamation. (In Italian.) Mondo Agr. 3(17):6. Apr.27,1952. 16 M74
Italy.

66457 KLEIN, L. G. Mulching Gladiolus. Maine Gladiolus Soc. Glad Book, 1952:33-35,37. 96.43 M28

66458 KONGSVIK, R. Spring tillage management problems. IV. (In Norwegian.) Norsk Landbr. 18:137-139. Apr.8,1952. 11 N8122

66459 KÖNNECKE, G. Kernfragen für die frühjahrsbestellung 1952. Deut. Landwirt. 3:115-119. Mar. 1952. 18 D4822
Russian Zone.

66460 LAURIE, J. E. A modified form of "Louisiana banking" of canes as practised on the farms of the Jamaica Sugar Estates Limited, in the Parish of St. Thomas, Jamaica. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:183-185. 65.9 B775

66461 LEWIS, D. C. Straw mulches for soft fruit. Fruit-Grower 2945:1043-1044. June 5,1952. 80 F941

66462 MANLEY, T. R. The gardener's handyman; mulches. Pop. Gard. [Albany] 3(6):28-29. June 1952. 80 P812

66463 MEYER, W. Wer zahlt das lehrgeld? Hannoversche Land- u. Forstwirt. Ztg. 105:421. Apr. 26,1952. 18 H194
Spring tillage and grain planting.

66464 MOODY, J. E., LILLARD, J. H., and EDMINSTER, T. W. Mulch tillage: some effects on plant and soil properties. Soil Sci. Soc. Amer. Proc. 16:190-194. Ref. Apr.1952. 56.9 So3

66465 MOORE, F. W. Still going strong; a look at the non-cultivation program thirty-three years after its beginning. Citrus Leaves 32(6):8-9. June 1952. 80 C482

66466 OGNER, I. M. Deepening the arable layer—most important agronomical measure for increasing productivity. (In Russian.) Sovet. Agron. 10(4):88-89. Apr.1952. 20 So84

66467 SIMONS, D. Neuzeitliche arbeitsverfahren bei der kartoffelbestellung. Deut. Landwirt.-Gesell. Mitt. 67:281. Apr.26,1952. 18 N39

66468 SPINDLER, F. Les survivances de l'ancien assolement triennal obligatoire dans le Sud de l'Alsace. France. Min. de l'Agr. B. Tech. d'Inform. 68:223-228. Apr.1952. 14 F844B

66469 STURROCK, T. T. Mulching in mango groves. In Florida Mango Forum. Mango studies, p.40-42. Stuart,1951. 93.45 F66

66470 TANGORRA, A. How the soil must be tilled. (In Italian.) Agr. Molisana 3(5):2. May 1952. 16 Ag8267

66471 WUNDERLING, K. Auf welcher grundlage fusst der gedanke der untergrundlockerung? (diskussionsbeitrag). Deut. Landwirt. 3:271. May 1952. 18 D4822

Drainage, Irrigation, Water Supply, and Flood Control

66472 ANNETT, H. E. Spray irrigation for pastures. Massey Agr. Col. Dairyfarming Annu. 4:57-65,67. Nov. 1951. 44.9 M382
Includes discussion.

66473 AZEVEDO, R. N. C. DE. Irrigation. (In Portuguese.) Gaz. do Agr. 4:102-103. Apr.1952. 24 G25
Mozambique.

66474 BAIJOT, S. Assainissement et amélioration des sols; voyage d'étude aux Etats-Unis—conclusions pratiques. Rev. de l'Agr. 5:468-472. May 1952. 13 R322
Drainage.

66475 BEAN, G. Overhead irrigation. 2-Consideration of water sources and distribution. Farm Mech. 4:226-228. June 1952. 58.8 B772

66476 BEAUCHAMP, C. E. El regadio y la riqueza de la caña. Inst. Cubano de Suelos y Abonos. Inform. Téc. 10:1268-1287. Mar.1952. 65.9 H29

66477 BECK, V. S. Sorry past—future bright, Roll area has suffered much, but fresh water spells end of sad story. Ariz. Farmer 31(11):50-51. May 24,1952. 6 Ar44

66478 BELLINCIONI, G. Justification of hydraulics and irrigation. (In Italian.) Acqua nell'Abitato e nei Campi 4:13-16. Jan./Feb.1952. 55.8 Ac7

66479 BILLIB, H. Anspritzen elektrischer leitungen im beregnungsgebiet. Wasser u. Boden 4:60-62. Mar. 1952. 56.8 W28

66480 BITTINGER, M. W., and FREVERT, R. K. Irrigation in Iowa? Iowa. State Col. Agr. Ext. Iowa Farm Sci. 6(11):178-180. May 1952. 275.28 Io94

66481 BLAISDELL, F. W., and DONNELLY, C. A. Hydraulic design of the box inlet drop spillway. U. S. Soil Conserv. Serv. SCS-TP-106,53 p. July 1951. 1.96 Ad6Tp

66482 BLASS, L. Trickle irrigation. Grower [London] 37:1284-1285. June 7,1952. 286.83 M34

66483 BONACOSSI, U. C. A lake which costs as much as a cistern. (In Italian.) Agr. Tosc. 7:159-163. May 1952. 16 Ag827
Irrigation in Italy.

66484 BOOHER, L. H., and FOOTT, J. H. Irrigating walnut orchards, when do walnut trees need water, and how much? Diamond Walnut News 34(3):14-15. May 1952. 94.68 D34
There may be a correlation between inadequate irrigation and the branch wilt problem.

66485 BORCHARDT, H. Ein beitrag zur beregnung im obstbau. Obstbau 71:19-21. Feb.1,1952. 80 Ob73
Germany.

66486 BROWN, E. A. Missouri River flood problems. Midwest Engin. 4(7):7-9,21. Mar.1952. 290.8 M58
Discusses floods in relation to agriculture.

66487 BROWN, L. N. Orchards and vineyards on steep slopes present special irrigation problems. West. Fruit Grower 6(5):11-13. May 1952. 95.8 G762

66488 BURNETT, G. E. Curing concrete in canal lining. Amer. Concrete Inst. J. 23:718-721. May 1952. 299.9 Am3J
Irrigation canals.

66489 BUZI, C. C. Technique and economics of irrigation and fertilizing of the olive. (In Italian.) Olivicoltura 7(2):1-9. Feb.1952. 80 OL42

66490 CANCELLARA, E. Hydraulic reclamation in the Sarna basin. (In Italian.) Italia Agr. 89:245-259. Apr.1952. 16 It1

66491 CAPUS, J. P. Portable systems popular in N. J. Mkt. Growers J. 81(6):26,29. June 1952. 6 M34
Overhead irrigation.

66492 CARREKER, J. R., and LAND, W. B. Irrigation research in Georgia. Irrig. Working Conf. Proc. 1951:7-8. 55.9 Ir7

66493 CATARZI, S. Ten years of forage production in irrigated culture on the S. Donato holding. (In Italian.) Agr. Tosc. 7:122-124. Apr.1952. 16 Ag827

66494 CHAMBER OF COMMERCE OF THE UNITED STATES. LEGISLATIVE DEPT. Flood control. Natl. Canvas Goods Mfr. Rev. 28:34,58. June 1952. 304.8 N213

66495 COLOMBANI, G. On the mountain problem. (In Italian.) Cam di Com. Indus. e Agr. di Novara Not. Econ. 8(3):4-6. Mar.1952. 287 N85N
Reclamation and flood control in Italy.

66496 CONNIFF, J. E. Irrigation research in Alabama. Irrig. Working Conf. Proc. 1951:5-6. 55.9 Ir7

66497 CORDELLI, G. Low pressure overhead irrigation. (In Italian.) Italia Agr. 89:263-269. Apr.1952. 16 It1

66498 CORVEN, H. C. Sprinkler irrigation design. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11.p.46-53. Saskatoon,1951. 31.2 Sa72

66499 DIANA, A. Polesine, center of reconstruction. (In Italian.) Agr. delle Venezie 6:119-124. Mar.1952. 16 Ag826
Reclamation after flood damage.

66500 DICKERSON, R. L. Irrigation research in Mississippi. Irrig. Working Conf. Proc. 1951:9. 55.9 Ir7

66501 DUPONT, L. Les problemes de l'irrigation en Algérie. Voix des Colons 34(1651):2-3. (Cont.) Mar.10, 1952. 24 V85

66502 DUSENBERRY, H. L. Irrigation facts reveal trends. Mont. Farmer-Stockman 39(16):33. Apr.15,1952. 6 M764

66503 DUSENBERRY, H. L. Irrigation plan should start with the soil. Mont. Farmer-Stockman 39(14):35-36. Mar.15,1952. 6 M764

66504 EIJSVOOGEL, W. F. The multiple purpose development of river basins. (In Dutch.) Landbk. Tijdschr. 64:230-242. Apr.1952. 105.2 Or3
The Tennessee Valley Authority and the Columbia Basin Project.

66505 ENGLE, C. Formula for Federal-State cooperation on water resource development. (Adapted.) Reclam. Era 38:104-105. May 1952. 156.84 R24

66506 FAESSLER, P. Künstliche beregnung. Deut. Landwirt. Gesell. Mitt. 67:331-332. May 10,1952. 18 N39

66507 FARBER, M. Represas y tanques australianos para riego. Chacra 22(258):8-9. May 1952. 9 C34

66508 FORS, A. L. Observaciones sobre regadío. Asoc. de Téc. Azucareros de Cuba. B. Ofic. 10:491-494. Jan.1952. 65.9 As5B

66509 FOWLER, R. G., JR. Oregon orchardist finds sprinklers pay off. West. Fruit Grower 6(5):24-25. May 1952. 95.8 G762

66510 FRANCARDI, P., and STIGLIANI, R. La sistemazione della montagna piemontese e ligure nel quadro della bonifica integrale [Planning of the Piedmont and Ligurian mountain within the framework of integral land reclamation]. Quad. di Cron. Econ. 8,107 p. 1951. 280.8 Q25

66511 GAGNE, E. La dynamite au service du drainage. B. des Agr. 34,i.e.48(5):21,83-84. May 1952. 7 B872

66512 GARLINGHOUSE, B. E. The Valley of the Milk River. 1. Development of the project. Reclam. Era 38:101-102,120. May 1952. 156.84 R24

66513 GARNSEY, M. E. Water: West. Amer. Acad. Polit. & Soc. Sci. Ann. 281:163-171. May 1952. 280.9 Am34
Policy.

66514 GILDEN, R. O., and WOODWARD, G. O. Low-cost irrigation structures. Wyo. Agr. Col. Ext. C. 122, 15 p. Jan.1952. 275.29 W99C

66515 GOLZÉ, A. R. Reclamation in the United States. New York,McGraw-Hill,1952. 451 p. Ref. (Civil Engineering Series) 54 G58

66516 GOMEZ, V. L. Un problema manabita: la escasez de agua. Consorcio de Cent. Agr. de Manabi. Rev. 12(69):42-44. Jan./Mar.1952. 9.5 M31

66517 GROOM, W. A. La lluvia producida por el hombre; economia, eficiencia y mejores cosechas resultan de la lluvia artificial por aspersion mecanica. Mensajero Agr. 71:15,44-45. Mar.1952. 9.8 M52

66518 GROSS, F. C. Restoring salt-affected land to productiveness. So. Austral. Dept. Agr. J. 55:401-404. Mar.1952. 23 So84

66519 GUSSONI, L. Contribution to overhead irrigation. (In Italian.) Cent. di Studi per l'Ingegn. Agr. Mem. ed Atti 6:53-54. Sept./Oct.1951. 58.9 C33

66520 HEICK, F. One year experiments with artificial watering of field crops. (In Danish.) Tidsskr. f. Planteavl 55:433-448. 1952. 11 T439

66521 HELLINGA, F. Drainage and irrigation in the United States of North America. (In Dutch.) Landbk. Tidjschr. 64:210-222. Apr.1952. 105.2 Or3

66522 HEMME, R. Landeskultur und wasser- und bodenverbände. Landwirtbl. Weser-Ems 99:395-396. Apr.17,1952. 18 L2345

66523 HEMME, R. Landeskultur und wasser- und bodenverbände. Wasser u. Boden 4:26-28. Feb.1952. 56.8 W28

66524 HENEBERRY, W. H., and SAUER, E. L. Experiences of northeastern Illinois farmers with grass waterways. Ill. Farm Econ. 203:1329-1333. Apr.1952. 275.28 IL5
Construction, seeding, and fertilizing costs.

66525 IRRIGATION WORKING COMFERENCE, AUBURN, 1951. Proceedings. Auburn,1951. 18 p. 55.9 Ir7
Sponsored by American Society of Agricultural Engineers, Southeastern Section.

66526 IWERSEN. Zur bewertung der marshböden in der reichsbodenschätzung. Wasser u. Boden 4:56-60. Mar.1952. 56.8 W28

66527 JACOBSON, W. L. The use of sprinkler irrigation on the Canadian prairies. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11,p.41-45. Saskatoon,1951. 31.2 Sa72

66528 JONES, J. N., JR., and LILLARD, J. H. Irrigation research in Virginia. Irrig. Working Conf. Proc. 1951:12-13. 55.9 Ir7

66529 JONES, W. B. Ground water situation in the Southeast. Irrig. Working Conf. Proc. 1951:1. 55.9 Ir7

66530 KENNEDY, A. L. Irrigation research in Tennessee. Irrig. Working Conf. Proc. 1951:10-11. 55.9 Ir7

66531 KENNEDY, A. L. Pasture irrigation. Irrig. Working Conf. Proc. 1951:16. 55.9 Ir7

66532 KHUDIAKOV, P. Utilization of new system of irrigation. (In Russian.) Kolkhoz. Proizvodstvo 12(4):29-31. Apr.1952. 281.8 K83

66533 KIEHL, E. J. The problem of drainage on the farm. (In Portuguese.) Sitios e Fazendas 18(4):56-58. Apr.1952. 9.2 Si8

66534 LALLOY, Drainage et sous-solage. Génie Rur. 45:155-158. May 1952. 58.8 Au8

66535 LAW, W. P., JR. Irrigation research in South Carolina. Irrig. Working Conf. Proc. 1951:11-12. 55.9 Ir7

66536 LOWDERMILK, W. C. Water resources and related land uses in Japan. Supreme Commander Allied Powers. Nat. Resources Div. Prelim. Study 70,48 p. Jan.1952. 280.9 Su72

66537 LUQUE LOBOS, J. A. Metodo simple para medir el agua de riego. Mundo Agr. 4(35):28-29. Apr. 1952. 9 M92

66538 MCDERMID, J. Some problems concerning H_2O. Better Crops Plant Food 36(5):3-5,50-52. May 1952. 6 B46

66539 MACGREGOR, D. R. The Devon Valley: problems of land use and water supply. Scot. Geog. Mag. 68: 25-34. Apr.1952. 472 Sco8

66540 MARCHESI, J. M. El légamo en las grandes inundaciones y su acción sobre el suelo agricola. Siembra [Madrid] 8(2):5-7. Feb.1952. 15 Si1

66541 MEDINA, R. Sistema práctico para convertir en productivas las tierras de las regiones áridas del país. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Agr. 42(195):20,33. Jan./Mar.1952. 8 R323
Irrigation in the Dominican Republic.

66542 MEISTER, R. T. Grower experiences with portable irrigation systems. Amer. Fruit Grower 72(6): 9-10,34-35. June 1952. 80 G85

66543 MILLIMAN, T. E. Effects of irrigation on potato yields. G. L. F. Week 16(48):1. May 26,1952. 280.28 G113W

66544 MONTANARI, V. Overhead irrigation in Venetia. (In Italian.) Agr. delle Venezie 6:102-115. Mar.1952. 16 Ag826

66545 MONTANARI, V. Overhead irrigation in Venetia. (In Italian.) Agr. Vicentina 82(13):1-2. July 1, 1951. 16 Ag8257

66546 MONTANARI, V. The Po flood in Polesine and in Cavarzerano. (In Italian.) Agr. delle Venezie 6:142-164. Apr.1952. 16 Ag826

66547 MYERS, J. M. Irrigation research in Florida. Irrig. Working Conf. Proc. 1951:6-7. 55.9 Ir7

66548 NÖTHLICH, F. Hochwasser in der Po-ebene. Wasser u. Boden 4:2-3. Jan.1952. 56.8 W28

66549 PATT, J. Slow furrow irrigation of the citrus grove at Ein-Harod. (In Hebrew.) Hassadeh 32:132-134. Dec.1951. 26 H27

66550 PAZOS GIL, J. M. Técnica del riego por desbordamiento y por infiltración. Spain. Min. de Agr. Serv. de Capacitación y Propag. Monog. 2,60 p. 1951. 15 Sp14M

66551 PEARSON, R. W. Irrigation research in Alabama. Irrig. Working Conf. Proc. 1951:4. 55.9 Ir7

66552 PEIKERT, F. W. Does pasture irrigation pay? Hoard's Dairyman 97:466-467. May 25,1952. 44.8 H65

66553 PENN, M. B. Panel discussion on power for irrigation. Irrig. Working Conf. Proc. 1951:13. 55.9 Ir7

66554 PEREIRA FILHO, A. B. Irrigation in the Capane District. (In Portuguese.) Lav. Arroz. 5(60):71-72. Dec.1951. 59.8 L39

66555 PETERSON, E. T. Insoak is the answer. Land 11:83-88. Spring 1952. 279.8 L22
For flood control.

66556 QUAAS, R. Die untergrundbewässerung. Deut. Landwirt. 3:196-197. Apr.1952. 18 D4822
Russian Zone.

66557 QUAGLIA, M. The problem of irrigation of the Poirino plateau. (In Italian.) Cron. Econ. 111:15-22. Mar.1952. 280.8 C882

66558 RAMSAUER, B. Gewinnung von kulturboden durch ent- und bewässerungen in den jahren 1949 bis 1951 Oesterr. Wasserwirt. 4:62-64. Mar.1952. 55.8 Oe8

66559 RANDALL, A. F. Personal experiences in pasture irrigation. Irrig. Working Conf. Proc. 1951:16-17. 55.9 Ir7

66560 RAO, M. B. V., BALASUBRAMANIYAN, C., and JAYARAMAN, M. V. Floods & droughts in Madras State. Indian Farming 2:18-19. Apr.1952. 22 In283

66561 REHNBERG, R. D., and STEFFE, M. E. Depreciation and maintenance costs on permanent irrigation systems. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 102, 17 p. Mar.1951. 100 Ar4M

66562 REID, L. Big little dams. Soil & Water Mag. 1:4-7. Jan.1952. 54.8 So3

66563 RIEMER, G. Land aus dem meer. Landtechnik 7:269-271. May 15,1952. 58.8 L235

66564 RIESE, F. DE. Gedanken zum problem der entwässerung. Landwirtbl. Weser-Ems 99:396. Apr. 17,1952. 18 L2345

66565 RUI, D. The effects of overhead irrigation on the health of crops. (In Italian.) Agr. Vicentina 82 (19):2-3; (20):1. Oct.1-15,1951. 16 Ag8257

66566 SAMUEL, E. Reclamation of the Huleh; farms from swamps; winning new soil. Israel & Middle East 24:12-14. Jan./Apr.1952. 286.8 P172

66567 SANTOIALLA, N. R. La irrigación por aspersion mecánica o lluvia artificial. Mensajero Agr. 71:14-15. Mar.1952. 9.8 M52

66568 SAUNDERSON, M. H. A solution to the West's water problem. Farm Policy Forum 5(6):21-24. June 1952. 281.8 F2274
Policy.

66569 SCHIRMER, M. Neue wege in der landwirtschaftlichen wasserwirtschaft. Wasser u. Boden 4:18-21. Jan.1952. 56.8 W28

66570 SELONKE, P. Short Creek--a problem of water. Ariz. Farmer 31(11):1,36-37. May 24,1952. 6 Ar44
For irrigation.

66571 SNIDER, R. G. The work of the President's Water Resources Policy Commission. Amer. Acad. Polit. & Soc. Sci. Ann. 281:155-162. May 1952. 280.9 Am34

66572 SORTDAL, K. K. Watering and watering material. (In Norwegian.) Skogen [Oslo] 17:13-17. 1952. 99.8 Sk56

66573 SPENCE, C. C. Irrigation in Alberta. Agr. Inst. Rev. 7(3):11-14,58,60,62. May 1952. 7 Ag8

66574 STANEK, H. Die vegetationskarte als hilfsmittel der wildbach- und lawinenverbauung. Österr. Forst- u. Holzwirt. 6:449-452. Dec.21,1951. 99.81 Os7

66575 STRAND, A. B. Irrigation of row crops in Tennessee. Irrig. Working Conf. Proc. 1951:17-18. 55.9 Ir7

66576 SWINGLE, H. S. Impoundment of water for conservation and irrigation. Irrig. Working Conf. Proc. 1951:1-2. 55.9 Ir7

66577 TESCARI, F. Overhead irrigation in the province of Vicenza. (In Italian.) Agr. Vicentina 83(9):1-2. May 1,1952. 16 Ag8257

66578 TORELLI, A. The Sassu Pond in the Arborea Commune. (In Italian.) Mondo Agr. 3(19):3. May 11, 1952. 16 M74
Drainage.

66579 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1949. 3. Ohio River Basin. U. S. Geol. Survey. Water-Supply Paper 1143,731 p. 1952. 407 G29W

66580 U. S. GEOLOGICAL SURVEY. Water levels and artesian pressure in observation wells in the United States in 1949. 2. Southeastern States. U. S. Geol. Survey. Water-Supply Paper 1157,246 p. 1952. 407 G29W

66581 U. S. GEOLOGICAL SURVEY. Water levels and artesian pressure in observation wells in the United States in 1949. 5. Northwestern States. U. S. Geol. Survey. Water-Supply Paper 1160,170 p. 1952. 407 G29W

66582 U. S. GEOLOGICAL SURVEY. Water levels and artesian pressure in observation wells in the United States in 1949. 6. Southwestern States and Territory of Hawaii. U. S. Geol. Survey. Water-Supply Paper 1161, 298 p. 1952. 407 G29W

66583 VAN BAVEL, C. H. M., and WILSON, T. V. Evapo-transpiration estimates as criteria for determining the time for irrigation. Irrig. Working Conf. Proc. 1951: 3. 55.9 Ir7

66584 VISSER, W. C. The set-up of the California state water plan. (In Dutch.) Landbk. Tijdschr. 64:243-253. Apr.1952. 105.2 Or3
English summary.

66585 WARE, L. M. Panel on irrigation of pastures, row crops, and horticultural crops. Irrig. Working Conf. Proc. 1951:14. 55.9 Ir7

66586 WARE, L. M. Summary of irrigation studies with vegetable crops in Alabama. Irrig. Working Conf. Proc. 1951:14-15. 55.9 Ir7

66587 WARE, L. M. Why irrigate vegetables in the South? Mkt. Growers J. 81(6):22-23. June 1952. 6 M34

66588 WHITE, H. P. More profit per acre from overhead irrigation. West. Live Stock 37(9):15,71,73-77, 79. Apr.1952. 49 W523

66589 WILSON, T. V. Irrigation research in North Carolina. Irrig. Working Conf. Proc. 1951:10. 55.9 Ir7

Erosion and Erosion Control

66590 AYERS, H. D. Water control and management. Farmer's Mag. 49(5):44,46. May 1952. 7 C165
Raindrop erosion.

66591 BARROS, E. P. DE. Mechanization of agriculture and erosion control. (In Portuguese.) Colheit. e Mercados 8:13-14. Jan./Feb.1952. 255.3 Sa652

66592 BEARE, J. A. Successful pasture establishment on hard scalded country by contour furrowing. So. Austral. Dept. Agr. J. 55:414. Mar.1952. 23 So84

66593 BENNETT, H. H. Soil conservation and floods. Amer. Acad. Polit. & Soc. Sci. Ann. 281:181-188. May 1952. 280.9 Am34

66594 BIXLER, R. W. Conservation. Gard. Club Ohio. Gard. Greetings 10(4):11-12. Apr.1952. 90.32 G167

66595 BLASER, E. Uferschäden am mühlenwasser; ihre ursache und verhütung. Müllerei 5:311-312. May 10,1952. 298.8 M91

66596 BRADFIELD, R. Soil conservation and the maintenance of soil productivity. Amer. Acad. Polit. & Soc. Sci. Ann. 281:118-125. May 1952. 280.9 Am34

66597 BULWER, H. C. E. Deterioration of reserves and steps to effect rehabilitation. Transkeian Ter. Agr. Dept. Umcebisi Womlimi Nomfuyi 29(1):5-7,9. Feb.1952. 24 T684
Soil conservation in Transkeian Territories.

66598 BURVILL, G. H. Soil conservation in Western Australia. West. Austral. Dept. Agr. J. (n.s.)1:5-10. Jan./Feb.1952. 23 W52J

66599 CARLETON, R. M. Pound of cure. A sequel to "Stop, thief!" Pop. Gard. [Albany] 3(4):41,69-73. Apr.1952. 80 P812
Soil conservation and use of composts and fertilizers in the garden.

66600 CARLETON, R. M. Stop, thief! Pop. Gard. [Albany] 3(3):45,94-95. (Cont.) Mar.1952. 80 P812
Soil conservation in the garden.

66601 CARSTENSEN, H. Windschäden in Schleswig-Holstein und ihre bekämpfung (windwirtschaft). Wasser u. Boden 4:29-30. Feb.1952. 56.8 W28

66602 CORRÊA, A. A. M. Soil conservation. X. (In Portuguese.) Selec. Agr. 7(71):43-45. Mar.1952. 9.2 Se4

66603 DAM, J. S. VAN. Soil protection. (In Dutch.) Bergcultures 21:145,147. Apr.1,1952. 22.5 B45
Indonesia.

66604 EDELMAN, C. H. Soil protection in India and Ceylon. (In Dutch.) Bergcultures 21:124-125. Apr. 1,1952. 22.5 B45

66605 EVERS, W. Bodenabspülung im kreise Hildesheim-Marienburg. Übersicht 3(3):57-59. Mar. 1952. 18 Ub3

66606 FIGUEROLA, L. C. G. DE. La erosión en el valle de San Martin de Trevejo. Agricultura [Madrid] 21:194-197. Apr.1952. 15 Ag84

66607 GALLEGO L., J. J. Los planes de conservación de suelos en las fincas cafeteras. Cent. Nac. de Invest. de Café. Bibliot. B. Inform. 3(25):19-25. Jan. 1952. 68.29 C332
Colombia.

66608 GEDDES, R. Control of soil erosion by banks and furrows. So. Austral. Dept. Agr. J. 55:417-418. Mar.1952. 23 So84

66609 GERASIMOV, I. P. Transforming the nature of steppes and deserts. (In Russian.) Priroda 41(1):25-39. Jan.1952. 410 P933
Stalin Plan.

66610 GERBELLA MOSCHINI, E. Fomento de la economia rural del medio andino-tachirense preservando los suelos, los bosques y las aguas. Venezuela. Dir. Forest. Ser. Forest. 39,10 p. Jan.1952. 99.9 V55

66611 GIBSON, G. G. First things. Soil & Water Mag. 1(3):12-13. Mar.1952. 54.8 So3
Soil conservation.

66612 GLOVER, SIR H. La conservación de la tierra en la comunidad de naciones. Peru. Comt. Nac. de Protec. a la Nat. B. 7:4-9. 1950,pub.1951. 279.9 P43

66613 GLYMPH, L. M., JR. Relation of sedimentation to accelerated erosion in the Missouri River Basin. U. S. Soil Conserv. Serv. SCS-TP-102,20 p. Ref. July 1951. 1.96 Ad6Tp

66614 GORRIE, R. M. Soil erosion on gentle slopes and flat land. Ceylon Coconut Q. 2:165-167. Oct./Dec. 1951. 77.8 C33

66615 GRAY, S. D. The soil and humanity. Guide Post 30(4):3-4,6. Apr.1952. 75.8 G94

66616 GREEN, R. R. Are we spendthrifts with our natural resources? U. S. A. 1(4):62-69. June 1952. 134.8 Un3
Includes soil and water conservation.

66617 GRIŤSENKO, I. F. Dust storm of the winter of 1951 in Donbas. (In Russian.) Priroda 40(12):43. Dec. 1951. 410 P933

66618 HAAN, J. H. DE. The economic and social aspect of erosion control. (In Dutch.) Bergcultures 21: 120-123. Apr.1,1952. 22.5 B45
Indonesia.

66619 HALE, R. D. Yale plan for cooperation between banks and soil conservation districts. Land News 12(2):10-12,33. 1952. 279.8 L22L

66620 HERBORN, A. W. Soil conservation. Wilcox Mofflin Q. 6(4):10-12. Christmas 1951. 23 W64

66621 HOSKINS, C. M. Notes on soil conservation in the Republic of Mexico. Soil Sci. Soc. Philippines. J. 4: 41. First Q.1952. 56.9 So35

66622 HUGHES. Crop production and malnutrition. Transkeian Ter. Agr. Dept. Umcebisi Womlimi Nomfuyi 29(1):17-20. Feb.1952. 24 T684
Soil conservation in Transkeian Territories.

66623 JAUREGUI, J. S. La acción del arado y conservación de suelos (una investigación sobre practicas de cultivo). Asoc. Argentina Criadores de Cerdos. Rev. 31(356):17-18,23,25-26,28. Apr.1952. 46.9 As5

66624 JOHNSON, E. C. Emphasis on [soil] conservation. Wash. Agr. Expt. Sta. C. 186,44 p. Mar.1952. 100 W27S

66625 KHOLUPÍAK, K. L. Soil erosion and measures for controlling it. (In Russian.) Sovet. Agron. 10(5):43-50. May 1952. 20 So84

66626 KIKUCHI, M. A study on the size of raindrops and their soil erosion in various rains at Utsunomiya. (In Japanese.) Utsunomiya U. Col. Agr. B. 1:185-193. Mar.1951. 107 6 Ut7B
English summary.

66627 KIRWALD, E. Gestörter wasserhaushalt erschüttert landeswirtschaft. Allg. Forstz. 7:242-245. Ref. May 28,1952. 99.8 AL52

66628 KNIGHT, S. E. It's the same with them! Country Guide 71(6):11,40-41. June 1952. 7 G76
Soil erosion in South Africa.

66629 LAFUENTE BENTZEN, O. Erosión de suelos. Campo [Guatemala] 1(14):3. (Cont.) Dec.24,1951. 8 C158
Guatemala.

66630 LASSER, T. Informe sobre la erosion en la zona portuaria de la Guaira. Venezuela. Dir. Forest. Ser. Forest. 40,3 p. Jan.1952. 99.9 V55

66631 LASSER, T. La tragedia de nuestros llanos. Venezuela. Dir. Forest. Ser. Forest. 12,9 p. Jan.1952. 99.9 V55
Soil erosion from grazing and fire.

66632 LEENHEER, L. DE, and RIGA, A. La conservation du sol et de l'eau aux Etats-Unis; application possible en Belgique. Rev. de l'Agr. 5:457-467. May 1952. 13 R322

66633 LENTZEN. Erosion—einiges aus der praxis. Allg. Forstz. 7:249-251. May 28,1952. 99.8 AL52

66634 LIZARZABURU R., B. Como evitar las pérdidas de terreno por la erosión. Campo [Tacuba] (ser.3)20(720):90-92,95. Feb.29,1952. 8 C157
Mexico.

66635 LOPEZ, F. The soil and the need of conserving it. Soil Sci. Soc. Philippines. J. 4:11-13. First Q. 1952. 56.9 So35

66636 LOPEZ, F. B. Notes on soil erosion in Iwahig Penal Colony. Soil Sci. Soc. Philippines. J. 4:37-40. First Q.1952. 56.9 So35

66637 LOWDERMILK, W. C. Basis for agricultural prosperity; soil conservation in Israel; restoring fertility. Israel & Middle East 24:9-11. Jan./Apr.1952. 286.8 P172

66638 LOWDERMILK, W. C. Challenge of land conservation in Israel. Technion Ybk. 10:96-98,208-209. 1951. 475 T222

66639 MCVICKAR, M. H. Soil and water conservation. Fert. Rev. 27(2):6. Apr./June 1952. 57.8 F414

66640 MARSHALL, V. C. How Americans save the soil. Soil & Water Mag. 1(2):12-13. Feb.1952. 54.8 So3

66641 MEDINA REYES, S. Utilización de la tabla de conversión, para su aplicación en las prácticas de conservación de suelos y aguas. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Almanaque Agr. de la Repúb. 1952:71-72. 8 D714

66642 MERRILL, L. P. A thumbnail history of soil conservation in Texas. Soil & Water Mag. 1:14-15. Jan. 1952. 54.8 So3

66643 MOORE, W. R., FERRIS, H. J., and KOZACHYN, J. Report on sedimentation in Carnegie Lake, Princeton, New Jersey. U. S. Soil Conserv. Serv. SCS-TP-109,20 p. Mar.1952. 1.96 Ad6Tp

66644 MOORE, W. R., and FERRIS, H. J. Report on sedimentation in Schoharie Reservoir, New York City water supply system, Prattsville, New York. U. S. Soil Conserv. Serv. SCS-TP-105,21 p. June 1951. 1.96 Ad6Tp

66645 NAIR, P. N. Soil conservation with special reference to the Nilgiris. Madras Agr. J. 39:264-265. Mar.1952. 22 M262

66646 NATIONAL ASSOCIATION OF SOIL CONSERVATION DISTRICTS. Your suggested program for greater service; slicing the big job into little pieces, for soil conservation districts and their state associations. League City,Tex.,1952? 13 p. 56.7 As7

66647 NEWCOMBE, C. L. "Sullage" in the East. Land 11:59-61. Spring 1952. 279.8 L22

66648 O'BRIEN, J. T. Studies of the use of previous fence for streambank revetment. U. S. Soil Conserv. Serv. SCS-TP-103,66 p. Feb.1951. 1.96 Ad6Tp

66649 PENZHORN, K. E. W. The fight against the desert. (In Afrikaans.) Landman 35(12):3,5-7. Dec.1951. 24 L234
Erosion in the United States and South Africa.

66650 PIJLS, F. W. G. Soil conservation in the U.S.A. (In Dutch.) Landbk. Tijdschr. 64:223-230. Apr.1952. 105.2 Or3
English summary.

66651 QUEVEDO, C. V. Simples prácticas de conservación de suelo atenuan los graves efectos de las sequías. Mundo Agr. 4(35):76-77. Apr.1952. 9 M92
Argentina.

66652 ROBINSON, H. G. Nottinghamshire is mainly a county of sandy land and Sherwood Forest. Farmers Wk. [London] 36(21):58-59. May 23,1952. 10 F2226
Erosion.

66653 SCHIFF, L. Hydrology of rates and amounts of surface runoff from single-and mixed-cover watersheds. U. S. Soil Conserv. Serv. SCS-TP-104,27 p. Mar. 1951. 1.96 Ad6Tp

66654 SCOTT, J. D. In danger of national disaster? Transkeian Ter. Agr. Dept. Umcebisi Womlimi Nomfuyi 29(1):58-59. Feb.1952. 24 T684
Soil erosion in Transkeian Territories.

66655 SLIPHER, J. A. Ohio's conservation status tabulated. Land News 12(2):20-21. 1952. 279.8 L22L
Soil conservation.

66656 SMITH, H. M. Save your soil with asphalt. Crops & Soils 4(8):21-23. June/July 1952. 6 W55

66657 STECKHAN, H. Busch und baum im kampf gegen den sand in Nordwestdeutschland. Allg. Forstz. 7:251, 254-256. May 28,1952. 99.8 AL52

66658 STECKHAN, H. Mit offenen augen. II. Verwitterung und ortsböden. Unser Wald 5(4):9-10. Apr.1952. 99.8 Un7

66659 STILES, G. Land O'Lakes. Soil & Water Mag. 1(3):6-8. Mar.1952. 54.8 So3
Soil conservation in McMullen County, Texas.

66660 STRATTON, C. Contours save soil for Mass. grower. Mkt. Growers J. 81(6):20-21. June 1952. 6 M34

66661 TAMAYO, F. El problema de las arenas nomadas en Venezuela; plantas apropiadas para fijarlas. Venezuela. Dir. Forest. Ser. Forest. 18,8 p. Jan.1952. 99.9 V55

66662 TORRES FILHO, A. Soil restoration—Brazil's basic problem. (In Portuguese.) Selec. Agr. 7(71):5-7. Mar.1952. 9.2 Se4

66663 U. S. DEPT. SOIL CONSERVATION SERV. Manuel de conservation du sol. U. S. Dept. State. Cent. Off. Translation P. TC 292,359 p. 1950. 150 P942

66664 U. S. SOIL CONSERVATION SERV. The measurement of soil and water losses with runoff plots, by J. R. Carreker and B. H. Hendrickson. Washington, 1952. 12 p. 1.96 R31Mea

66665 VARONA, J. Erosión y conservación del suelo. I. Ceres [Valladolid] 17(190):25,27. Apr.1,1952. 15 C33
Spain.

66666 VINK, A. P. A. The importance of erosion and soil protection for different types of soil in mountain cultures. (In Dutch.) Bergcultures 21:131-136. Apr.1, 1952. 22.5 B45
Indonesia.

66667 WALKER, E. DE W., and others. Handbook for directors of soil conservation districts. Issued by Illinois State Soil Conservation Districts Advisory Board [and Illinois Dept. of Agriculture]. Rev. July, 1951. Springfield,1951. 77 p. 56.7 W15H
B. B. Clark, R. C. Hay, and W. F. Purnell, joint authors.

66668 WALSER, P. H. Conservation's ups and downs. Soil still washes and ranges still suffer but conservationists now have upper hand in soil battle. Soil & Water Mag. 1(2):8-11. Feb.1952. 54.8 So3

66669 WASSENAAR, T. More wheat and maize on less land; South Africa's future depends on grass to restore fertility erosion caused by continuous cash cropping. Productive grazing possible on windswept soil. Farmer's Wk. [Bloemfontein] 83:12-13. Apr.30,1952. 24 F225

Sanitation

66670 ALLEN, M. W., and RASKI, D. J. Soil fumigation to control root-lesion nematode, Pratylenchus sp., in tuberous Begonia. Plant Dis. Rptr. 36:201-202. May 15,1952. 1.9 P69P

66671 CLARK, F., and MYERS, J. M. Fumigation and equipment for nematode control in soils for flue-cured tobacco. Fla. Agr. Expt. Sta. C. S-27,11 p. Jan. 1951. 100 F66Ci

66672 JACKS, H. A field injector for soil fumigation. Orchardist New Zeal. 25(3):9,11,13. Apr.5,1952. 80 Or19

66673 JACKS, H., and SMITH, H. C. Soil disinfection. XII. Effect of fumigants on growth of soil fungi in culture. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 33(6):69-73. Apr.1952. 514 N48A

66674 KLATT, W. L. Soil sterilants in present day weed control. Com. Fert. 84(6):62-66. June 1952. 57.8 C73

66675 SHIMIZU, T. Fog-fumigation of chloropicrine. 1. (In Japanese.) Jap. J. Plant Protect. 24:38-44. June 1951. 421 J27

MATERIALS FOR SOIL IMPROVEMENT

66676 ATKINSON, H. J., and others. Manures, fertilizers and soil amendments, their nature, function and use. Canada. Dept. Agr. P. 585,84 p. July 1951. 7 C16Pu
J. C. Woodward, P. O. Ripley, M. B. Davis, and N. A. MacRae, joint authors.
Includes discussion of soil fertility and mineral supplements.

66677 CRAWFORD, J. W. A new industry grows; a decade of development, natural fertilizers stride ahead. Org. Gard. 20(6):22-23,56-57. June 1952. 56.8 Or3

66678 GERICKE, S. Der kunstdünger ist schuld! Deut. Landwirt. Presse 75:127-128. May 17,1952. 18 D482

66679 KRISTENSEN, R. K. After effect of manure and fertilizer. (In Danish.) Dansk Landbr. 71:224. May 8,1952. 280.28 V91
Yield.

66680 RAJAN, S. V. G. Some new and more efficient fertilizer products. Mysore Agr. J. 27:86-91. Oct./Dec.1951. 22 M993

66681 RAJU, M. S. The role of organic manures and inorganic fertilisers in soil fertility. Madras Agr. J. 39: 130-147. Ref. Mar.1952. 22 M262

66682 RUBIA PACHECO, J. DE LA. Fertilizantes. Ion 7:140-145. Ref. Mar.1952. 385 Io6

Primary Materials

66683 BENGTSSON, G. A long term experiment elucidating current phosphate problems. (In Swedish.) Växt-Näring-Nytt 8(4):1-3. 1952. 57.8 V47

66684 CLARK, K. G. Urea-form, new nitrogen fertilizer. Crops & Soils 4(8):14-15. June/July 1952. 6 W55

66685 FONDARD, L. La conservation des engrais. Bouches du Rhône Agr. 24(1073):10. May 1,1952. 14 B662

66686 MANN, H. H., and BARNES, T. W. The behaviour of nitrogenous manures in the soil. I. The loss of manurial nitrogen. J. Agr. Sci. 41:309-314. Oct.1951. 10 J822

Secondary and Minor Element Materials

66687 ANDERSON, A. J., and MOYE, D. V. Lime and molybdenum in clover development on acid soils. Austral. J. Agr. Res. 3:95-110. Ref. Apr.1952. 23 Au783

66688 BRUNE, F. Zum kupfermangel auf hochmoor- und heidesandböden. Landwirtbl. Weser-Ems 99: 416-417. Apr.24,1952. 18 L2345
Fertilizers.

66689 BUCHNER, A. Zur spurenelemente-bilanz unserer böden. Deut. Landwirt.-Gesell. Mitt. 67:275-277. Apr.26,1952. 18 N39

66690 CANTICAO, A. DO L. Minor elements in calcareous soils. (In Portuguese.) Rev. de Quim. Indus. 21(238):24. Feb.1952. 385 R324

66691 GLARBO, P. Observations concerning use of boron in orchards. (In Danish.) Erhvervsfrugtavleren 18:10-11. Oct.1951. 80 Er3
Discussion by S. J. Jørgensen, p. 11-12.

66692 HARRIS, H. C. Effect of minor elements, particularly copper, on peanuts. Fla. Agr. Expt. Sta. B. 494,20 p. Ref. May 1952. 100 F66S

66693 NAGELS, W. Mimimum amount of magnesium; (an investigation originating at the test field at Venlo). I. (In Dutch.) Groenten en Fruit 7:811. Apr.17,1952. 80 G89

66694 NAGEL, W. Minimum amount of magnesium; (an investigation originating at the test field at Venlo). II. (In Dutch.) Groenten en Fruit 7:883. May 8,1952. 80 G89

66695 SCHULTZE, W. Warum spurenelemente? Bad. Landwirt. Wchnbl. 119:365-366. May 24,1952. 18 B142
In plant nutrition and as fertilizers.

66696 TOLNER, J. Minor elements in agriculture. II. (In Dutch.) Nieuwe Veldbode 18:526-527. May 1,1952. 12 V542N

66697 TOLNER, J. Trace elements in agriculture. III. (In Dutch.) Nieuwe Veldbode 18:546-547. (Cont.) May 8,1952. 12 V542N

66698 TOLNER, J. Trace elements in agriculture. IV-V. (In Dutch.) Nieuwe Veldbode 18:562-563,577-578. May 15-22,1952. 12 V542N
In plant nutrition and as fertilizers.

Mixed Fertilizers and Fertilizer Technology

66699 CLARK, K. G., and others. Mixed fertilizers. 2. Data on acid-insoluble ash and carbonate contents. Farm Chem. 115(6):21,23-26. June 1952. 57.8 Am3
V. L. Gaddy, A. E. Blair, and F. O. Lundstrom, joint authors.

66700 FILEDS, J. Fertilizer safety can be achieved. Agr. Chem. 7(6):32,137. June 1952. 381 Ag8
Safety in manufacture.

66701 FONDARD, L. Les fumures équilibrées. Réveil Agr. 61:132-133. May 1,1952. 14 R322

66702 KENTUCKY. AGRICULTURAL EXPERIMENT STATION. Commercial fertilizers in Kentucky, 1951, including a report on official fertilizer samples analyzed, July-December, 1951. Ky. Agr. Expt. Sta. Regulat. B. 96, 53 p. Feb.1952. 100 K41

Fertilizer Statistics

66703 BRITISH SULPHATE OF AMMONIA FEDERATION. Annual report for 1950/51. London,1951. 5 p. 57.9 B77

66704 BURNS, M. M. Phosphate fertiliser position in relation to the dairyfarmer. Massey Agr. Col. Dairyfarming Annu. 4:23-43. Ref. Nov.1951. 44.9 M382
Includes discussion.

66705 GALE, J. F. Up, up, up, goes fertilizer consumption. Fert. Rev. 27(2):7-10. Apr./June 1952. 57.8 F414

66706 GODFREY, D. Fertiliser prices and the farmer. Scot. Dept. Agr. Farm Econ. 23:6-9. Spring 1952. 281.9 Sco3
Scotland.

66707 GROGGINS, P. H. Looking forward with the fertilizer industry. Fert. Rev. 27(2):12-15. Apr./June 1952. 57.8 F414

66708 HENDRIKSE. The supply of phosphate fertilizers. (In Dutch.) Cent. Bur. Meded. 36:47-48. Apr. 1952. 12 N287
Netherlands.

66709 HIRANO, S. Studies on the manufacture of non-retrograding superphosphate and its effects upon the growths of crops. Hokkaido U. Facul. Agr. J. 49:251-314. Ref. Nov.1951. 107.6 J273J

66710 INDIA'S great project—the Sindri fertiliser factory. World Crops 4:217. June 1952. 281.8 W892

66711 JONES, R. A. Development of the fertilizer industry in the West. Fert. Rev. 27(2):16-18. Apr./June 1952. 57.8 F414

66712 ORGANISATION FOR EUROPEAN ECONOMIC COOPERATION. SUB-COMMITTEE ON FERTILISERS, FUNGICIDES AND INSECTICIDES. Fertilisers, trade regulations in OEEC countries. Paris,1951. 78 p. (O.E.E.C. Documentation) 57.05 Or3

66713 PACKARD, W. G. T. The fertiliser industry in Britain; some landmarks in its history. Chem. Trade J. & Chem. Engin. 130:1161-1162. May 16,1952. 382 C422

66714 PIEKENBROCK, P. Potash salts, their production and use. Ceylon Coconut Q. 2:173-174. Oct./Dec. 1951. 77.8 C33

66715 SCHOLL, W., and WALLACE, H. M. Commercial fertilizers consumption in the United States 1950-1951. Com. Fert. 84(6):20-21,24-25,28-29. June 1952. 57.8 C73

66716 SCHOLL, W., and WALLACE, H. M. Consumption of commercial fertilizers in the U. S., 1950-51. Agr. Chem. 7(6):33-40. June 1952. 381 Ag8

66717 SOCIÉTÉ D'ETUDES CHIMIQUES POUR L'INDUSTRIE ET L'AGRICULTURE. L'industrie française des engrais composés. Mines de Potasse d'Alsace. B. d'Inform. Econ. 73(pt. 1, Etude Doc. 33),1-26. Apr.1952. 280.9 M666

66718 VIRGINIA revises its fertilizer law. Better Crops Plant Food 36(5):22,41-42. May 1952. 6 B46

Mineral Soil Amendments

66719 BOR, L. Minerals for agricultural purposes. Fert. Feed. Stuffs & Farm Supplies J. 38:305,307,310-311. May 14,1952. 57.8 F413

66720 LENHART, W. B. Producing agstone by wet process. Rock Prod. 55(6):98-100,156-157. June 1952. 299.8 R59

66721 LENZ, K. Einige versuche über die möglichkeit der verwendung von braunkohlenflugaschen als kalkdüngemittel. Kühn-Arch. 64:99-106. 1951. 105.8 H15Ku

Manures and Composts

66722 AUDIBERT, R. Small response to the world's hunger. (In Portuguese.) Selec. Agr. 7(71):86,88. Mar. 1952. 9.2 Se4
Manufacture of compost from grapevines.

66723 BAUMANN, H., and SCHWARZ, K. Planung von abwasserverwertungsanlagen, eine gemeinschaftsarbeit von landwirt und techniker. Deut. Landwirt. 3:193-196. Apr.1952. 18 D4822
Russian Zone.

66724 BILLIB, H. Die abwasserreinigungsanlage der stadt Münster/Westfalen unter besonderer berücksichtigung hygienischer und landwirtschaftlicher fragen. Wasser u. Boden 4:28-29. Feb.1952. 56.8 W28

66725 DOMSCH, M. Frischharn oder vergorene jauche? Deut. Landwirt. 3:186-188. Apr.1952. 18 D4822

66726 EITAN, E. Manure production at Amir. (In Hebrew.) Hassadeh 32:154-155. Dec.1951. 26 H27

66727 GROETZNER, E. Gewinnung und anwendung von stallmistkompost. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:795-796. May 22,1952. 18 L2346

66728 GUGGENHEIM, E. The production of compost at Kibbutz Carmia. (In Hebrew.) Hassadeh 32:153-154. Dec.1951. 26 H27

66729 GUTFELD, S. F. The treatment of organic manure in winter. (In Hebrew.) Hassadeh 32:204-205. Jan.1952. 26 H27

66730 HAMON, C. E. Why don't we credit manure with what it's really worth? Through Leaves 40:12-15. Mar.1952. 66.8 T41

66731 HARGREAVES, J. E. Farming sewage for profit. Farmers Wk. [London] 36(21):61-62. May 23,1952. 10 F2226
Nottingham's Corporation farm for sewage disposal is returning a profit.

66732 IVERSEN, K. Saving manure with superphosphate. (In Danish.) Dansk Landbr. 71:230. May 15,1952. 280.28 V91

66733 KOHLSCHÜTTER, H. Über den ausgleich hygienischer und landwirtschaftlicher forderungen bei der abwasserverwertung. Wasser u. Boden 4:16-18. Jan. 1952. 56.8 W28

66734 LOADS, F. W. Soil blocks. Mr. Chase's Cloche Gard. Notes 11:50-51. Apr.1952. 80 M69
Compressed blocks of soil and compost.

66735 LOVETT, C. A. Tips on composting. Flower Grower 39(7):48,50-51. July 1952. 80 M72

66736 LUND, O. The sewage problem and market gardening. (In Norwegian.) Gartneryrket 42:382-383. May 26,1952. 80 G1938
Use of sewage for fertilizer.

66737 MCGINNIS, K. B. How to fertilize with leaves; capitalize on the rich store of fertility on the forest floor. Org. Farmer 3(11):22-23,46-48. June 1952. 57.8 Or3

66738 MCMORLAND, P. R. J. "Straw burning is daft and stupid." Power Farmer 8:204-205. June 1952. 48.8 P872
Plowing under.

66739 MARSHALL, J. Commercial composting. Mr. Chase's Cloche Gard. Notes 11:56-57. Apr.1952. 80 M69

66740 MELLO, E. M. DE. Fertilizer problems; use of manure from the corral for fertilizer. (In Portuguese.) Lav. Arroz. 6(63):33-34. Mar.1952. 59.8 L39

66741 MORGENROTH, G. Mist-vererdung. Deut. Landwirt. Presse 75:113-114. May 3,1952. 18 D482

66742 OLSEN. Bereitung und ausbringung des stallmistes. Allgäuer Bauernbl. 20:221-223. May 2,1952. 18 AL53

66743 ORCHARD, R. The fertility value of organic residues in South African agriculture. So. African Indus. Chem. 6:54-56. Mar.1952. 385 So8
From municipal wastes.

66744 PAASCH, E. W. Abwasserverwertung und betriebswirtschaft; betriebswirtschaftliche aufgaben bei planung neuer anlagen. Deut. Landwirt. 3:250-253. May 1952. 18 D4822

66745 RINTELEN. Die verwendung des stalldüngers unter besonderer berücksichtigung der grünlanddüngung. Grünland 1:41-42. In Tierzüchter 4(11). June 5,1952. 49 T445

66746 RODALE, J. I. City composting. Org. Gard. 20(6):34-35. June 1952. 56.8 Or3

66747 ROHDE, G. Mistrotte und schimmelpilze. Deut. Landwirt. 3:132-138. Ref. Mar.1952. 18 D4822
Compost.

66748 SPEIDEN, E. Success with bio-dynamics. Bio-dynamics 10:22-27. Winter/Spring 1952. 56.8 B52
Preparation of compost.

66749 SPRINGER, U., and STEIGERWALD, E. Neuere untersuchungen über müll und seine verwendungsmöglichkeit in gartenbau und landwirtschaft. Z. f. Pflanzenbau u. Pflanzenschutz 2:241-270. Ref. 1951. 464.8 P88

66750 VAN KLEECK, L. W. This is the lot that sludge nourished. Water & Sewage Works 99:244-247. June 1952. 290.8 M92

66751 VAN VUUREN, J. P. J. Experiences in connection with municipal compost schemes. (In Afrikaans.) (Sum.) So. African Indus. Chem. 6:33. Feb.1952. 385 So8
Union of South Africa.

66752 WAHLSTRÖM, S. Grey white gold. (In Swedish.) Skogsägaren 28:79-82. Apr.1952. 99.8 Sk55
Guano in Peru.

FORESTRY

GENERAL

66753 ABRAHAM, M. F. H. Forestry in Kenya. Oxford U. Forest Soc. J. (ser.3)6:29-32. 1952. 99.9 Ox2

66754 BLUME, G. Buschhacken 1952. Dreschen u. Pflügen 7(2):7-8. Feb.15,1952. 58.8 D81
Contractors.

66755 BRUENIG, H. E. Focus on German forestry. Oxford U. Forest Soc. J. (ser.3)6:8-15. 1952. 99.9 Ox2

66756 CARULLO, F. Il problema forestale e montano della regione Emilia-Romagna [Mountain forest problems of the Emilia-Romagna area]. Italy. Ispettorato Region. Emilia-Romagna. Quaderno 2,125 p. Ref. 1951. 16 It17

66757 COMPLIN, E. R. Employee relations in the woods. Pulp & Paper Mag. Canada 53(6):159,161-162. May 1952. 302.8 P96

66758 ERDMANN. Es ist soweit. Deut. Forstmann, p.15-16. In Forst u. Holz 7(4). Feb.15,1952. 99.8 F7724

66759 FIORINI, G. An essentially economic and social problem. (In Italian.) Agricoltura 1(1):46-47. Jan.1952. 16 Ag8226
Problems of Italian forestry.

66760 GOMES, P. Some forestry problems. (In Portuguese.) Bras. Açucareiro 38:368-371. Oct.1951. 65.8 B73

66761 GUILLERMIN, A., and MÉGILLE, X. DE. L'Exposition Internationale du Bois, Lyon, 23 septembre - 7 octobre 1951. Bois et Forêts des Trop. 21:36-41. Jan./Feb.1952. 99.8 B632

66762 GUSOVIUS, H. Forstliche tagungen. Allg. Forstz. 7:238-239. May 14,1952. 99.8 AL52

66763 HARDTNER, Q. T. Progress of private forestry in the South, reflections of a southern pine manufacturer. Gulf. Coast Lumberman 40(5):46,48-50. June 1 1952. 99.81 G95

66764 HEYDEN, D. Der einsatz des lohnunternehmers im forstlichen erntebetrieb. Dreschen u. Pflügen 7: 5-6. Jan.15,1952. 58.8 D81

66765 HEYDEN, D. Der lohnunternehmer im forstlichen kulturbetrieb. Dreschen u. Pflügen 6(12):2-4. Dec.15,1951. 58.8 D81

66766 HEYWARD, F. The small landowner's role in the South's timber production. Forest Farmer 11(8): 4-6. May 1952. 99.8 F7692

66767 HOLWAY, C. P. Fire and renewal. Land 11: 55-57. Spring 1952. 279.8 L22
Forest fire control and reforestation on the Nicolet National Forest.

66768 JOHNSSON, P. Our older forestry culture. (In Swedish.) Skogsägaren 28:75-77. Apr.1952. 99.8 Sk55

66769 KIERULF, T. Bondens ryggstø: samtaler mellom en gårdbruker og en fylkesskogmester om skogen og dens skjøtsel [The farmer's support; conversations between a farmer and a forester on the forest and its care]. Ed. 2, rev. Oslo,Norske Skogselskap,1951. 152 p. 99.25 K54

66770 LILLIEHÖÖK, M. The labor problem—a district problem. (In Swedish.) Skogen [Stockholm] 39:112-113,115. May 1,1952. 99.8 Sk51
Forest labor.

66771 LONG-term prospects of British forestry. Statist 155:710. May 17,1952. 286.8 St2

66772 MARTIN, E. J. Eine gefahr, die dem privat-wald droht. Allg. Forstz. 7:260-261. May 28,1952. 99.8 AL52
Ownership.

66773 MOORE, J. The Gallery of Trees. Amer. Forests 58(6):28,40-41. June 1952. 99.8 F762
Oregon.

66774 ROBERT, J. La Finlande, ses habitants, ses forêts. Forêt 5:112-116,131-137. Mar.-Apr.1952. 99.8 F7683

66775 STAFFELBACH, E. Les salaires dans l'économie forestière. Forêt 5:122-124. Apr.1952. 99.8 F7683

66776 STARCEVIC, J. Le système de brigade et de salaires collectifs dans l'economie forestière et l'industrie du bois. (In Serbo-Croatian.) Sumarstvo 4:253-255. June/Aug.1951. 99.8 Su63

66777 THORBJØRNSEN, E. Possibilities for filling forest labor requirements in the coming years. (In Norwegian.) Tidsskr. f. Skogbruk 60:30-32. Jan./Feb. 1952. 99.8 T432

66778 TROMP, P. H. M. Information on the rationalization of work technique. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:151-152. May 1952. 12 N282
Forest labor.

66779 TROMP, P. H. M. Rural demonstration of forestry equipment at Hoog Buurlo on May 30, 1951. VI. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:138-141. May 1952. 12 N282

66780 U. S. FOREST SERV. Memorial forests. Washington,1951. 2 p. 1.962 A2M512

66781 U. S. FOREST SERV. SOUTHEASTERN FOREST EXPERIMENT STATION. Annotated bibliography of the Lake City (Fla.) Branch of the Southeastern Forest Experiment Station for the year 1950. Asheville,1951. 5 p. 1.9622 S4An72

66782 U. S. FOREST SERV. SOUTHEASTERN FOREST EXPERIMENT STATION. Bibliography of the Southeastern Forest Experiment Station for the calendar year 1951. Asheville,1952. 7 p. 1.9622 S4B472

66783 WELLS, J. Appraisal of conservation of Ohio's forest resources. Land News 12(2):13-16. 1952. 279.8 L22L

Education

66784 EBERTS, H. Die forstverwaltung im umbruch der zeit. Deut. Forstmann, p.9-12,13-14. (Concl.) In Forst u. Holz 7(3); (4). Feb.1-15,1952. 99.8 F7724

66785 HAIDER, A. Aerial photographing in forestry instruction. (In Norwegian.) Skogeieren 39:56-58. Ref. Apr.15,1952. 99.81 Sk5

66786 LEDWIG, V. Holzsplitter aus dem schulwald. Unser Wald 4(12):14. Dec.1951. 99.8 Un7

66787 MILLER, C. Forestry pays off. 1951 National 4-H forestry award winner recounts experiences. Forest Farmer 11(8):7. May 1952. 99.8 F7692

66788 MÖSSLACHER, H. Betriebsführerkurs für sägewerker in Kuchl. Österr. Forst- u. Holzwirt. 6: 330-331. Sept.21,1951. 99.81 Os7

66789 SIMEUNOVIĆ, D. Le désaccord entre les programmes d'enseignement de la Faculté de Sylviculture et le programme pour l'examen d'Etat dans la profession forestier. (In Serbo-Croatian.) Sumarstvo 4:258-259. June/Aug.1951. 99.8 Su63

66790 VÖLZING, K. Die ausbildung zum forstsekretär. Forstl. Mitt. 4:239. Dec.20,1951. 99.8 F7725

66791 WRIGHT, C. C. Leisure time classes in camps Pulp & Paper Mag. Canada 53(6):151-152. May 1952. 302.8 P96

Policies, Programs, Administration

66792 ADAM, J. G. Lutte contre le déboisement en région forestière de la Guinée Française par les cultures arbustives. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32(351/352):37-44. Jan./Feb.1952. 26 R323

66793 ANDERSON, D. A program for the redwoods. Amer. Acad. Polit. & Soc. Sci. Ann. 281:105-109. May 1952. 280.9 Am34

66794 APPERSON, J. S. Withhold or use? Conflict in the Adirondacks. Land 11:62-63. Spring 1952. 279.8 L22

66795 ARGENTINA. MINISTERIO DE AGRICULTURA Y CRIA. DIRECCION FORESTAL. Estacion Experimental de Silvicultura de Bejarano. Venezuela. Dir. Forest. Ser. Forest. 20,10 p. Jan.1952. 99.9 V55

66796 AUSTRALIA. FORESTRY AND TIMBER BUR. Annual report, year ended 31st December, 1950, by G. J. Rodger. Canberra,1951. 36 p. 99.9 Au723A

66797 BUDOWSKI, G. Reforestacion de los cerros de los alrededores de Valencia. Venezuela. Dir. Forest. Ser. Forest. 22,8 p. Jan.1952. 99.9 V55

66798 COMREY, A. L., PFIFFNER, J. M., and BEEM, H. P. Studies in organizational effectiveness. I. The U. S. Forest survey. n.p.,1951. 45 p. 249.3 C732

66799 DANA, S. T. Private forestry in transition. Amer. Acad. Polit. & Soc. Sci. Ann. 281:84-92. May 1952. 280.9 Am34

66800 DELGADO, E. Notas, observaciones y experiencias sobre la reforestacion del Avila. Venezuela. Dir. Forest. Ser. Forest. 34,8 p. Jan.1952. 99.9 V55

66801 DRANGEID, O. Plans for reforestation by districts. (In Norwegian.) Tidsskr. f. Skogbruk 60: 68-72. Mar.1952. 99.8 T432

66802 DRANGSEID, O. Reforestation. (In Norwegian) Skogen [Oslo] 17:25-26. 1952. 99.8 Sk56

66803 FIASSON, R. Essai de reforestation de la pampa vénézuélienne. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:155-163. Mar./Apr.1952. 26 R323

66804 FRÖHLICH, V. "Die letzte chance." Inangriffnahme der grossaufforstung. Bauernwald 6:5-6. Mar.1, 1952. 99.8 B32

66805 GOLD COAST. FORESTRY DEPT. Annual report for the year 1950/51. Accra 1951. 24 p. 99.9 G56

66806 GONZÁLEZ VALE, M. A. Problemas forestales de el Cenizo. Proyecto de creación de una estación de silvicultura. Venezuela. Dir. Forest. Ser. Forest. 35, 4,6 p. Jan.1952. 99.9 V55
With recommendations by T. Lasser and V. Vareschi.

66807 HAMANN, W. Waldmärkerschaft und forstverbände. Hannoversche Land- u. Forstwirt. Ztg. 105: 424. Apr.26,1952. 18 H194
Cooperatives.

66808 HELBIG, K. Eine "mauer aus bäumen." Kosmos 48:27-30. Jan.1952. 474 K842
Shelterbelt project in China.

66809 HOLDRIDGE, L. La reforestacion del Avila. Venezuela. Dir. Forest. Ser. Forest. 21,8 p. Jan.1952. 99.9 V55

66810 KERNAN, H. S. Point IV forestry in Iran. J. Forestry 50:394-395. May 1952. 99.8 F768

66811 KIENITZ, E. Wir brauchen forst- und holzingenieure. Deut. Agrartech. 1:358-360. Dec.1951. 58.8 D482
Russian Zone.

66812 KREUTZINGER, M. Ideological principles and organization of forestry. (In Polish.) Sylwan 95:16-31. Jan./Mar.1951. 99.8 Sy52
Russian summary.

66813 KRZYSIK, F. Present day condition of science in the field of forest utilization and wood technology. (In Polish.) Sylwan 95:46-53. Jan./Mar.1951. 99.8 Sy52
Russian summary.

66814 LASSER, T. Parques nacionales y reservas forestales. Venezuela. Dir. Forest. Ser. Forest. 8,6,5 p. Jan.1952. 99.9 V55

66815 LIGHTSEY, O. Contributions of forestry groups toward advancing private forestry in the South. Forest Farmer 11:6,9. Oct. 1951. 99.8 F7692

66816 LIMING, F. G. Forest problem analysis and research program for the Missouri Ozarks. U. S. Forest Serv. Cent. States Forest Expt. Sta. Misc. Release 7, 57 p. Oct.1951. 1.9622 C3M68

66817 MARSHALL, F. Shuswap gets a Working Circle. Brit. Columbia Lumberman 36(5):44-45. May 1952. 99.81 B77
Construction of an access road by British Columbia Forest Service.

66818 MOTA, F. Repoblación forestal. Saragossa. Cám. Ofic. Sind. Agr. B. Mens. 47:9-10. Apr.1952. 15 Sa7

66819 PIHA, A. The free cooperation of the forest producer in Finland. (In Swedish.) Nord. Lantbrekon. Tidskr. 2:12-20. 1952. 281.8 N75

66820 QUEENSLAND. DIRECTOR OF FORESTS. Report, 1950/51. Brisbane,1951. 38 p. 99.9 Q312

66821 RAGONESI V., C. Importancia del bosque y de la reconstrucción forestal. Rev. Nac. de Agr. 46 (563):33-34. Mar.1952. 9.4 R32
Colombia.

66822 RYLE, G. B. Forestry, the individual and the State. Oxford U. Forest Soc. J. (ser.3)6:32-41. 1952. 99.9 Ox2

66823 SALVADOR. MINISTERIO DE AGRICULTURA Y GANADERIA. Informe de la situación forestal de El Salvador y bases para la elaboración de un plan estatal de reforestación, por M. L. Rocher. El Salvador,1951. 21 p. 99.24 Sa3
Translated from the French by F. Choussy.

66824 SANDERS, H. C. The contribution of the land-grant college to the development of small forests. Washington,U. S. Ext. Serv.,1951. 2 p. 1.913 A2C7612

66825 SHIRLEY, H. L. Forest policy for the years ahead. Amer. Acad. Polit. & Soc. Sci. Ann. 281:110-117. May 1952. 280.9 Am34

66826 SIMEUNOVIC, D. S. Comment convient-il d'organiser l'administration du fonds forestier national. (In Serbo-Croatian.) Sumarstvo 4:221-223. June/Aug.1951. 99.8 Su63
French summary.

66827 STEVENS, T. D. Tree farms versus regulation. Amer. Acad. Polit. & Soc. Sci. Ann. 281:99-104. May 1952. 280.9 Am34
Conservation.

66828 TIMBER DEVELOPMENT ASSOCIATION. Eighteenth annual report, 1951. London,1951. 86 p. 99.9 T48A

66829 U. S. FOREST SERV. SOUTHERN FOREST EXPERIMENT STATION. Thirty-first annual report, 1951. New Orleans,1952? 102 p. 1.9 F7624

66830 VARGAS, J., MACHADO, C., and CAGIGAL, J. M. Informe sobre los terrenos de Caracas que deben conservarse para que no disminuyan sus aguas. Venezuela. Dir. Forest. Ser. Forest. 6, p.28-42. Jan.1952. 99.9 V55
Supplement to 1877 thesis by J. Churion.

66831 VENEZUELA. MINISTERIO DE AGRICULTURA Y CRIA. DIRECCION FORESTAL. Serie forestal. Caracas,1952. 2 v. 99.9 V55

66832 WEATHERBY, H. B. C.'s Public Working Circles. Brit. Columbia Lumberman 36(5):42-43. May 1952. 99.81 B77

Legislation and Taxation

66833 BROWN, J. W. Recent forest tax legislation in New Hampshire. Mich. Acad. Sci. Arts & Let. Papers 36: 85-92. 1950,pub.1952. 500 M582

66834 BUSSE, VON. Der umstrittene § 34 (3) EStG. Forst u. Holz 7:52. Feb.15,1952. 99.8 F7724

66835 GUDE, J., and SCHMID, F. Waldwirtschaftsgesetz, erläuternde bemerkungen zu den richtlinien für den entwurf eines bundesgesetzes betr. massnahmen zur bewirtschaftung der wälder. Osterr. Vrtljahresschr. f. Forstw. 92:270-274. 1951. 99.8 Oe8

66836 GÜDE, J. Zur weiterentwicklung unseres forstrechtes. Osterr. Forst- u. Holzwirt. 6:346-349. Oct.7,1951. 99.81 Os7

66837 LORENZ-LIBURNAU, H. Sicherung und hebung der forstlichen produktion mittels forstgesetzlicher bestimmungen. Osterr. Forst- u. Holzwirt. 6:365-368,390-393. Oct.21-Nov.7,1951. 99.81 Os7

66838 MAIER, P. Die frage der scheingewinnbesteuerung. Holz-Zentbl. 856-857. May 13,1952. 99.81 H742

66839 NIEMANN. Was ist aus dem waldschutzgesetz vom 31. märz 1950 und seinen durchführungsverordnungen sowie ergänzenden Ministerialerlassen für den bäuerlichen waldbesitzer besonders wichtig? Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:652,657. Apr.24, 1952. 18 L2346

66840 POCKBERGER, J. Um ein neues forstgesetz. Osterr. Forst- u. Holzwirt. 6:405-406. Nov.21,1951. 99.81 Os7

66841 QVIST, A. Forestry Act, 1951; tree preservation orders and compensation. Land Agent's Soc. J. 51:195-196. May 1952. 282.9 L22

66842 SARGOS, R. Un échec significatif des manœuvres dirigistes du Directeur Général des Eaux et Forêts. Fed. des Assoc. de Communes Forest. Franç. B. Offic. 2/3,i.e.3/4:8-9. Mar./Apr.1952. 99.9 F313

66843 SCHIETHART, L. J. Legal responsibilities of forest owners. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:142-147. May 1952. 12 N282

Forest Description and Resources

66844 AMINOFF, F. Nature protection and nature values. II. (In Swedish.) Skogen [Stockholm] 39:114-115. May 1,1952. 99.8 Sk51
Forests.

66845 BARREDA, C. A. Los recursos naturales del suelo peruano. 2. Peru. Comt. Nac. de Protec. a la Nat. B. 7:89-150. Ref. 1950,pub.1951. 279.9 P43
Installment deals with the forest resources.

66846 DICKERMAN, M. B. Recent trends in Lake States timber resources and industries. U. S. Forest Serv. Lake States Forest Expt. Sta. Misc. Rpt. 17,7 p. Oct.1,1951. 1.9622 L2M68

66847 GAEL', A. G. A forest islet on the sands of Kazakhstan. (In Russian.) Priroda 41(2):111-112. Feb. 1952. 410 P933

66848 GORDON, S. The forest of Reay, a place of peace where the names, legends and pride of the Gaelic character still linger. Field 199:904. June 7,1952. 10 F45

66849 HATHEWAY, W. H. Composition of certain native dry forests: Mokuleia, Oahu, T.H. Ecol. Monog. 22:153-168. Ref. Apr.1952. 410 Ec72

66850 HORN, A. G. Commodity drain from forest of the Lake States, 1949. U. S. Forest Serv. Lake States Forest Expt. Sta. Misc. Rpt. 19,24 p. Apr.1,1951. 1.9622 L2M68

66851 HORNSMANN, E. Die turmhügel an der karolingischen salzstrasse im Ebersberger Forst. Allg. Forstz. 7:257-258. May 28,1952. 99.8 AL52

66852 HORNSMANN, E. Unsere holznot ist nicht die erste! Unser Wald 4(12):2. Dec.1951. 99.8 Un7

66853 JAMES, L. M. Look under the treetops. Amer. Forests 58(6):18-19,42-43,49. June 1952. 99.8 F762
Resources.

66854 MCCORMACK, J. F. Forest statistics for southwest Georgia, 1951. U. S. Forest Serv. Soeast. Forest Expt. Sta. Forest Survey Release 37,38 p. Feb. 1952. 1.9622 A3F76

66855 MULVEY, R. W. México descubre su tesoro forestal. Hacienda 47(5):50-52. June 1952. 6 H11

66856 OOSTING, H. J., and REED, J. F. Virgin spruce-fir of the Medicine Bow Mountains, Wyoming. Ecol. Monog. 22:69-91. Ref. Apr.1952. 410 Ec72

66857 SCHOENICHEN, W. "Der urwald" von Sababurg. Unser Wald 4(12):3-4. Dec.1951. 99.8 Un7

66858 SCHWERDTFEGER, F. Los bosques en Guatemala. Asoc. Gen. de Agr. B. 316:1,4,8. (Cont.) Apr.15,1952. 8 As52

66859 SPAIN. MAPA AGRONOMICO NACIONAL. Hoja No. 429. Madrid,1951. 245 p. 15 Sp15
Pinares de la Meseta Sur del Duero (Castilla La Vieja).

66860 USTINOVSKAÍA, L. T. Staro-Berdíanskii forest massif. (In Russian.) Prirōda 41(1):112. Jan. 1952. 410 P933

Individual Genera and Species

66861 BAILEY, N. Know your wood: dogwood [Cornus]. Wood Working Digest 54:83-85. June 1952. 99.82 W87

66862 BLUMKE, S. Mehr robinien! Deut. Landwirt. Presse 75:131-132. May 17,1952. 18 D482
Culture.

66863 CAVALLO, G. El Instituto de Casale Monferrato (Italia) aplica nuevas teorias para cultivar alamos. Mundo Agr. 4(35):63-64. Apr.1952. 9 M92

66864 GARDNER, C. A. Trees of Western Australia. West. Austral. Dept. Agr. J. (n.s.)1:77-83. (Cont.) Jan./Feb.1952. 23 W52J

66865 GERRY, E. Azobe, bongossi, ekki: Lophira alata Banks var. procera (A. Chev.) B. Davy. Family: Ochnaceae. U. S. Forest Serv. Forest Prod. Lab. Rpt. R1913,10 p. Ref. 1951. 1.9 F761R

66866 GRAF, J. P. Les beaux arbres du canton de Vaud. Forêt 4:162-168. June 1951. 99.8 F7683

66867 HUAKOM, A. S. Jack pine (Pinus banksiana). Wis. Conserv. B. 17(5):28-29. May 1952. 279.8 W752

66868 HUFNAGL, H. Die birke im walde. Bauer 5(19):2-3. May 10,1952. 19 B32
Austria.

66869 IVANOV, V. V. An aspen [Populus] grove in the near-Caspian steppes. (In Russian.) Priroda 41(3): 110-111. Feb.1952. 410 P933

66870 JEFTIĆ, M. Certains renseignements relatifs aux lieux où l'on trouve Juniperus oxycedrus L. indigène dans la region du défilé d'Ibar. (In Serbo-Croatian.) Sumarstvo 4:249-251. June/Aug.1951. 99.8 Su63

66871 JOACHIM, H. R. Pappelanbau ausserhalb des waldes. Deut. Landwirt. 3:213-220. Ref. Apr.1952. 18 D4822

66872 MULLER, R. Pappelwirtschaft. Holz-Zentbl. 78:830. May 8,1952. 99.81 H742

66873 NATIVIDADE, J. V. Cork-trees in southern and southeastern Spain. (In Portuguese.) Portugal. Junta Nac. da Cortiça. B. 14:60-70,147-153. (Cont.) Jan.,Apr. 1952. 309.9 J96

66874 PARDY, A. A. Notes on indigenous trees and shrubs of Southern Rhodesia. Rhodesia Agr. J. 49:6-16. Jan./Feb.1952. 24 R34

66875 PARDY, A. A. Notes on indigenous trees and shrubs of Southern Rhodesia. Rhodesia Agr. J. 49:74-84. Mar./Apr.1952. 24 R34

66876 PEATTIE, D. C. The desert palm [Washingtonia filifera]. Pacific Discovery 5(2):6-12. Mar./Apr. 1952. 500 P112

66877 PIERRE-LOUIS, F. Notes sur quelques essences forestière haitiennes. B. Agr. 1(10):16-17. Oct.1951. 8 B87

Tree species and properties and uses of their wood.

66878 SANTOS BILONI, J. El pacará, oreja de negro o timbó colorado, especie indigena de multiples aplicaciones. Mundo Agr. 4(36):52-53. May 1952. 9 M92

Enterolobium contortisiliquum.

66879 SANTOS BILONI, J. Sucedáneo de la caoba es la "tipa colorada." Mundo Agr. 4(35):100. Apr.1952. 9 M92

Botany, and characteristics and uses of the wood of Pterogyne nitens.

66880 SCHMIDT, G. D. Die weisstanne [Abies alba] in Ostfriesland. Forstwiss. Centbl. 70:641-665. Ref. Nov.1951. 99.8 F775

66881 SCHUSTER, F. Anbau fremdländischer holzarten im forstamt Bad Homburg. Allg. Forstz. 7:236-237. May 14,1952. 99.8 AL52

66882 SCHWARZ, H. Beitrag zur kenntnis der pappel von Raverdeau. Osterr. Vrtljahresschr. f. Forstw. 92: 276-280. Ref. 1951. 99.8 Oe8

66883 SMITH, N. F. White oak [Quercus alba]. Timber Prod. B. 109:14-15. Apr.1952. 99.9 T482B

66884 TILLISCH, E. Abies grandis. Its possibilities in Danish forestry. (In Danish.) Dansk Skovfor. Tidsskrift 37:139-205. Ref. Apr.1952. 99.8 D23

English summary.

66885 WETTSTEIN, W. Die pappelwirtschaft als nationale und internationale aufgabe. Österr. Forst- u. Holzwirt. 6:427-428. Dec.7,1951. 99.81 Os7

FOREST MANAGEMENT AND FINANCE

66886 BENNETT, F. A. Growth in a pine forest of the Middle Coastal Plain. Forest Farmer 11:3,10. Oct.1951. 99.8 F7692

66887 DOWNS, L. E. A paint-spray nozzle for marking trees. U. S. Forest Serv. Forest Prod. Lab. Rpt. R1914,3 p. Jan.1952. 1.9 F761R

66888 ELSÄSSER, A. Bergbauer heute—waldbauer morgen! Österr. Forst- u. Holzwirt. 7:11-12. Jan.7, 1952. 99.81 Os7

66889 FØYN, P. Economic placement of forest roads. (In Norwegian.) Skogeieren 39:40-41. Mar.15, 1952. 99.81 Sk5

66890 GÜDE, J. Unterabteilungen, unterflächen und teilflächen in der forsteinrichtung. Österr. Forst- u. Holzwirt. 6:332-334. (Concl.) Sept.21,1951. 99.81 Os7

66891 HAIDER, A. Usefulness of air photogrammetry for assessment and mapping of forests. (In Norwegian.) Tidsskr. f. Skogbruk 60:41-67. Mar.1952. 99.8 T432

66892 HANDEL-MAZETTI, P. Die aufschliessung unserer wälder. Österr. Forst- u. Holzwirt. 6:325-327. Sept.21,1951. 99.81 Os7

66893 KLOSE. Neue grundsätze der forstwirtschaftlichen förderung. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:691-692. May 1,1952. 18 L2346

Management.

66894 LAMP, I. Einführung und prüfung von hochleistungswerkzeugen. Österr. Forst- u. Holzwirt. 6:409-411. Nov.21,1951. 99.81 Os7

66895 LINDBERG, K. Blasting ditches with Nitrolit. (In Swedish.) Skogen [Stockholm] 39:119-120. May 1,1952 99.8 Sk51

In the forest.

66896 LOHWASSER, A. Zur berechnung der entschädigung für waldaufhiebe. Osterr. Vrtljahresschr. f. Forstw. 92:274-276. 1951. 99.8 Oe8

66897 MESNIL, H. Chemins forestiers. Rev. du Bois 7(5):3-10. May 1952. 99.82 R32

66898 MULLER-THOMAS. Wenn ich waldbesitzer ware—meine vorschläge zur senkung der werbungskosten und steigerung der erlöse aus dem wald. Bauern-Ztg. 5(18):9-10. (Concl.) May 2,1952. 18 B324

Management aspects in Germany.

66899 NELSON, A. W., JR. Forest credit. South. Lumberman 184(2309):40,42,44. June 15,1952. 99.81 So82

66900 OWEN, L. O. Dovey Woodlands (Coedlannau Bro Ddyfi) Limited. Oxford U. Forest Soc. J. (ser.3)6: 3-8. 1952. 99.9 Ox2

Co-operative Forestry Society.

66901 RAWSON, L. C. Eastern States members operate profitable tree farm units. East. States Coop. 28(6):12-13. June 1952. 280.28 Ea7

Management.

66902 WHEELER, P. R., and REYNOLDS, R. R. Forest management pays off in southern Arkansas. J. Forestry 50:395-396. May 1952. 99.8 F768

Farm Woodlands

66903 BÜLOW, A. VON. Windschutzfibel, kurze anleitung zur knickanpflanzung und ödlandaufforstung. Rendsburg,H. Möller Söhne,1951. 39 p. 99.47 B87

66904 IHLEN, N. N. Forest and agriculture. (In Norwegian.) Skogbrukeren 27:102-104. May 1,1952. 99.8 Sk55

Management of farm forests.

66905 IHLEN, N. N. Forest and agriculture. (In Norwegian.) Skogeieren 39:31-35. Mar.15,1952. 99.81 Sk5

Chiefly on the management of farm forests.

66906 MCELROY, L. F. Farm shelter on the Canterbury plains. Canterbury Chamber Com. Agr. B. 270,4 p. Jan.1952. 23 C162

Windbreaks.

66907 MAURI, N. Nos cultures sous le vent. Fruits et Primeurs de l'Afrique du Nord 22:160. Apr.1952. 80 F9482

66908 PISAREVA, M. P. Practices in growing shelterbelts [on Pobeda Collective Farm in Osakarovskii District, Karaganda Region]. (In Russian.) Dostizheniia Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1:75-77. Jan. 1952. 20 D742

66909 ROBERTSON, J. C. H. The co-op in farm forestry. Amer. Forests 58(6):25,42. June 1952. 99.8 F762

Mensuration, Surveying, Photogrammetry

66910 BITTERLICH, W. Das spiegel-relaskop. Österr. Forst- u. Holzwirt. 7:3-7. Jan.7,1952. 99.81 Os7

66911 LOVENGREEN, J. A. Analysis of a completed sample plot in Norway spruce. (In Danish.) Denmark. Forstl. Forsøgskomm. Forstl. Forsøgsvaes. i Danmark 20:355-372. Dec.20,1951. 99.9 D41

English summary.

66912 LUDVIGSEN, F. P. Circular sample plots in timber estimating. (In Norwegian.) Tidsskr. f. Skogbruk 60:17-22. Jan./Feb.1952. 99.8 T432

Sweden.

66913 SCHÖNINGER, A., and GUGG, K. Berechnungs-tabelle zur bestimmung des holzgehaltes stehender waldbäume und waldbestände ohne höhenmessung. Ed. 2. Salzburg,Etzendorfer,1952. 63 p. 99.4 Sch62

66914 SEIP, H. K. The relascope. (In Norwegian.) Tidsskr. f. Skogbruk 60:22-26. Jan./Feb.1952. 99.8 T432

Instrument for determining tree diameters and volumes.

66915 STAEBLER, G. R. Calculator interpolations. J. Forestry 50:394. May 1952. 99.8 F768
For volume tables.

Silviculture

66916 BASTOS, A. DE M. Culture of mahogany. (In Portuguese.) Selec. Agr. 7(71):13-16. Mar.1952. 9.2 Se4

66917 BAYLIS, G. T. S. Incipient forest regeneration on Great Island, Three Kings group. Auckland Inst. & Mus. Rec. 4:103-109. Ref. Dec.19,1951. 514 Au22R

66918 BUGALA, W. Euro-American hybrids of black poplars, their practical value and a short review of the results attained in poplar breeding in Soviet Union up to this time. (In Polish.) Sylwan 95:324-338. Ref. July/Dec.1951. 99.8 Sy52
English summary.

66919 CHABROL, P. Sur l'introduction du mélèze [Larix europaea] dans les Pyrénées. Rev. Forest. Franç. 5:349-354. May 1952. 99.8 R329

66920 CHEVALIER, A. L'œuvre de Navarro de Andrade au Brésil et le problème de la culture des Eucalyptus et de leur utilisation dans les pays tropicaux et subtropicaux. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32(351/352):83-84. Jan./Feb.1952. 26 R323

66921 COILE, T. S. Soil productivity for southern pines. II. Longleaf, slash and pond pines. Forest Farmer 11(8):11-12. May 1952. 99.8 F7692
Pinus palustris, P. caribaea and P. rigida serotina.

66922 ENGLE, L. G., and SMITH, N. F. Red pine growth ten years after thinning. Mich. Acad. Sci. Arts & Let. Papers 36:101-109. 1950,pub.1952. 500 M582

66923 FORS, A. J. El eucalipto. Almanaque Agr. Nac. 1952:109-112. 8 AL64
Culture in Cuba.

66924 FOURCHY, P. En Suisse, quelques aspects de la sylviculture contemporaine. Rev. Forest. Franç. 5: 315-341. Ref. May 1952. 99.8 R329

66925 GADOW, VON. Neue wege der fichtenwirtschaft in Ostholstein. Forst u. Holz 7:1-5. Jan.1,1952. 99.8 F7724

66926 GOOR, C. P. VAN, SLINGELAND, J. F. VAN O, and VEEN, B. Artificial regeneration of forest soils through intermediate agricultural crops. (In Dutch.) Nederland. Boschbouw-Tijdschr. 24:113-125. Ref. May 1952. 99.8 N28
English summary.

66927 GOOR, C. P. VAN. On the regeneration of degenerated forest soils. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:109-115. Apr.1952. 12 N282

66928 NISSEN, O. Experiments with progeny of individual trees in the seaboard pine forest at Hvaler. (In Norwegian.) Skogbrukeren 27:100-101. May 1,1952. 99.8 Sk55

66929 VANSELOW, K., and RUBNER, K. Moostypen als weiser für die höhenbonität (ertragsklasse) in fichtenbeständen Südbayerns. Allg. Forstz. 7:229-233. May 14, 1952. 99.8 AL52

66930 WETTSTEIN, W. Steigerung der produktivität durch forstpflanzenzüchtung (forstgenetik). Osterr. Gesell. f. Holzforsch. Mitt. 4:16-17. Feb.1952. 99.9 Os72
Also in Internatl. Holzmarkt 43(4):16-17. Feb.23,1952. 99.81 In82

Silvicultural Practices

66931 AVAEV, A. Spring care of shelterbelts. (In Russian.) Kolkhoz. Proizvodstvo 12(4):25-27. Apr.1952. 281.8 K83

66932 CHAIKEN, L. E. The control of weed trees in forest management. South. Weed Conf. Proc. 5:135-136. 1952. 79.9 So8

66933 CORNELIUS, C. Bei hessens lohschälern, haubergwirtschaft als rest einer alten bäuerlichen sonderkultur. Allg. Forstz. 7:224-225. May 7,1952. 99.8 AL52

66934 HENRIKSEN, H. A. Durchforstungsversuch in einem bestand von Sitka-fichten. (In Danish.) Denmark. Forstl. Forsøgskomm. Forstl. Forsøgsvaes. i Danmark 20:403-418. Dec.20,1951. 99.9 D41
German summary.

66935 HENRIKSEN, H. A. Durchforstungsversuch in jungem buchen-bestand. (In Danish.) Denmark. Forstl. Forsøgskomm. Forstl. Forsøgsvaes. i Danmark 20:387-401. Dec.20,1951. 99.9 D41
German summary.

66936 HENRIKSEN, H. A. Revision d'une expérience de coupes d'éclaircis de hêtre dans les forêts de la municipalité de Ärhus. (In Danish.) Denmark. Forstl. Forsøgskomm. Forstl. Forsøgsvaes. i Danmark 20:373-385. Dec.20,1951. 99.9 D41
French summary.

66937 HILF, H. H. Kann man pappelbestände durchforsten? Holz-Zentbl. 78:865-868. Ref. May 15,1952. 99.81 H742

66938 ILMURZYNSKI, E. An outline of principles on thinning [forests]. (In Polish.) Sylwan 95:61-83. Jan./Mar.1951. 99.8 Sy52

66939 MCCULLY, W. G., and DARROW, R. A. Control of post and blackjack oaks with growth-regulator herbicides. South. Weed Conf. Proc. 5:137-140. 1952. 79.9 So8

66940 MUNTZ, H. H. Time requirements for timber stand improvement in north Alabama. South. Weed Conf. Proc. 5:148-151. 1952. 79.9 So8

66941 NEFF, L. P. A comprehensive cutting study in swamp black spruce [Picea mariana]. Pulp & Paper Mag. Canada 53(6):167,170,172. May 1952. 302.8 P96
Minnesota.

66942 NÖLSCHER, K. Die praxis zum durchforstungsproblem. Österr. Forst- u. Holzwirt. 6:426-427. Dec.7,1951. 99.81 Os7

66943 TSCHERMAK, L. Die durchforstung als mittel der produktionssteigerung. Internatl. Holzmarkt 43(4):9-16. Feb.23,1952. 99.81 In82

66944 TSCHERMAK, L. Die durchforstung als mittel der produktionssteigerung. Osterr. Gesell. f. Holzforsch. Mitt. 4:9-16. Feb.1952. 99.9 Os72

Seeding and Planting

66945 BARTH, E. Forstpflanzen, pflanzen und setzlinge für baumschulen im neuen warenverzeichnis für die aussenhandelsstatistik. Deut. Baumsch. 4:34-37. Feb.1, 1952. 80 D486

66946 BERGER. Rotzapfige und grunzapfige fichte. Österr. Forst- u. Holzwirt. 6:331-332. Sept.21,1951. 99.81 Os7
Seed for planting.

66947 BRYSIN, A. A hole-digger [for planting trees]. (In Russian.) Kolkhoz. Proizvodstvo 12(4):52. Apr.1952. 281.8 K83

66948 BURLISON, V. H., and PITKIN, F. H. How to plant your trees. Idaho. Agr. Col. Ext. C. 119,6 p.-folder. Dec.1951. 275.29 Id13C

66949 FALL, E. Skogsträdens fruktsättning ar 1951: [Forest tree fruiting in the year 1951]. Sweden. Skogsforskinst. Flygblad 66,4 p. 1952. 99.9 Sw32F

66950 FØYN, P. Method, technique and equipment for forest planting. (In Norwegian.) Tidsskr. f. Skogbruk 60:26-30. Jan./Feb.1952. 99.8 T432
Work management.

66951 FROHLICH. Kleine winke für die saat von douglasie [Pseudotsuga taxifolia] und von birke [Betula]. Forst u. Holz 7:51-52. 99.8 F7724

66952 GENNBURG, O. 250 jahre waldsamengewinnung. Unser Wald 4(12):3 of cover. Dec.1951. 99.8 Un7

66953 GUINAUDEAU, J. Germination du pin maritime. Rev. Forest. Franç. 5:306-311. May 1952. 99.8 R329

66954 HASSENKAMP, W. Geschichtliches zur samenplantage. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:77-78. 1952. 99.8 Z36

66955 KOKE, O. Wie säen und pflanzen wir? Unser Wald 5(4):4-7. Apr.1952. 99.8 Un7

66956 LESTER, J. Forests from seed. Savenac Nursery can produce up to 10,000,000 trees a year. Mont. Farmer-Stockman 39(17):10. May 1,1952. 6 M764

66957 LOHWASSER, A. Die karstaufforstung mit in gefässen erzogenen pflanzen. Österr. Forst- u. Holzwirt. 7:28-29. Jan.21,1952. 99.81 Os7

66958 MINCKLER, L. S. Loblolly pine seed source and hybrid tests in southern Illinois. U. S. Forest Serv. Cent. States Forest Expt. Sta. Tech. Paper 128,8 p. Apr.1952. 1.9622 C3T222

66959 MUCKADELL, S. DE. Forest tree breeding at the arboretum of Hørsholm. Dan. Outlook 5:483-488. 1952. 280.8 D22

66960 NIKOLIC, L. A propos de la récolte de cones de la Picea exelsa de cette année. (In Serbo-Croatian.) Sumarstvo 4:257-258. June/Aug.1951. 99.8 Su63

66961 OLBRICH, A. Eigentümlichkeiten der forstbaumschulen in USA. Deut. Baumsch. 4:29-30,32,34. Feb.1,1952. 80 D486

66962 ROHMEDER, E. Die nachkommen einer 14 jährigen und einer 170 jährigen fichte. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:19-21. 1951. 99.8 Z36

66963 ROL. Reboisement: la sélection des arbres forestiers. Cahiers Franç. d'Inform. 204:13-16. May 15,1952. 280.8 C11

66964 SAMSET, I. Soil tillage with machines and manual labor. (In Norwegian.) Norsk Skogindus. 6:134, 140-148. May 5,1952. 99.82 N81

For tree planting.

66965 SHCHENNIKOV, I. Growing shelterbelts together with perennial grasses and legumes in the forest-steppe zone. (In Russian.) Sovet. Agron. 10(4):28-31. Apr.1952. 20 So84

Nurse crops.

66966 SILEN, R. R. Some problems with pelleted tree seed. (Abs.) Oreg. Acad. Sci. Proc. 2:20. 1948-51. 500 Or3

Forest trees.

66967 STRØMSØE, B. Something on sterile areas and group regeneration under the canopy. (In Norwegian.) Tidsskr. f. Skogbruk 60:72-79. Mar.1952. 99.8 T432

66968 TROS'KO, I. K. Regeneration of mountain forests. (In Russian.) Priroda 41(2):107-109. Feb.1952. 410 P933

66969 U. S. DEPT. OF AGRICULTURE. LIBRARY. LOUISIANA BR. Hardwood planting, by H. Boyd. New Orleans?1952. 2 p. 1.9622 S2H22

Typewritten. Issued as a supplement to a list compiled May 3, 1948.

66970 U. S. FOREST SERV. Forest tree nurseries of the United States,1951. Location and ownership, name of resident nurseryman, production in fiscal year, 1951. Washington,1951. 25 p. 1.962 A2F7643

Forest Protection and Damage

66971 BOCK, and RICHTER. Die wildbach- und lawinenkatastrophen des jahres 1951 in Osterreich. Osterr. Vrtljahresschr. f. Forstw. 92:265-270. 1951. 99.8 Oe8

66972 BRUUN, J., and HOLMSGAARD, E. On fence expenses and other expenses in connection with protection against wildlife. (In Danish.) Dansk Skovfor. Tidsskrift 37:206-212. Apr.1952. 99.8 D23

In Danish forests.

66973 GEIGER, R. Die wirtschaftlichkeit der frostschadenbekämpfung in forstkulturen. Allg. Forstz. 7:237-238. May 14,1952. 99.8 AL52

66974 HUFNAGL, H. Schneeschäden im walde. Bauer 5(16):9-10. Apr.19,1952. 19 B32

66975 NELSON, A. Z. Must we sacrifice our forests for dams? Amer. Forests 58(6):6-9,41. June 1952. 99.8 F762

66976 OBRAZTSOV, B. V. Fundamental features of the mice-like rodent activity in a mountain forest. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Trudy 7:199-209. Ref. 1951. 99.9 Ak1

66977 POLOZHENTSEV, P. A. Method of artificial injuries for determining the vitality of pine. (In Russian.) Lesn. Khoz. 4(7):26-29. July 1951. 99.8 L5622

66978 RICHTER, H. Lawinen und waldwirtschaft. Österr. Forst- u. Holzwirt. 6:368-371,412-414. Oct.21, Nov.21,1951. 99.81 Os7

66979 RÖHRIG. Wildschaden im walde und seine verhütung. Hannoversche Land- u. Forstwirt. Ztg. 104: 1135-1136. Dec.8,1951. 18 H194

66980 STEWART, G. I. The field of engineering in forest protection. J. Forestry 50:379-383. May 1952. 99.8 F768

66981 TAMAYO, F. Factores bióticos que causan daños en los bosques. Venezuela. Dir. Forest. Ser. Forest. 5,4 p. Jan.1952. 99.9 V55

66982 U. S. FOREST SERV. SOUTHERN FOREST EXPERIMENT STATION. Woods hogs vs pine logs, by W. Hopkins. Atlanta?1952? 16 p. 1 F7624W

66983 WIGMAN, A. B. Damage to Pinus strobus by mice. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:148-150. May 1952. 12 N282

Fire

66984 BANDINELLI, R. Incendiary locomotives. (In Italian.) Terra e Sole 117:169-170. May 1952. 16 T273

Fires caused in forests and over the countryside by sparks from engines.

66985 BUDOWSKI, G. Los incendios forestales en Venezuela. Venezuela. Dir. Forest. Ser. Forest. 13,12 p. Jan.1952. 99.9 V55

66986 HESS, Q. F., and FENWICK, A. Bombing forest fires with paper bags. Forest & Outdoors 48(6):8-9. June 1952. 99.8 C16

66987 HESS, Q. F. Fighting forest fires with water bombs. Pulp & Paper Mag. Canada 53(6):146-148. May 1952. 302.8 P96

66988 JAMES, N. D. G. Railways and woodland fires. Land Agent's Soc. J. 51:196-199. May 1952. 282.9 L22

Fires caused by sparks from locomotives.

66989 RAWSON, L. C. Keeping New England green is everybody's job. New Eng. Homestead 125(10):6-7. May 24,1952. 6 N442

Forest fires.

66990 SCHMIDT, H. Waldbrände und ihre charakteristik. Unser Wald 5(2):10. Feb.1952. 99.8 Un7

66991 SCHÖNHERR, H. Die eisenbahn ein waldbrandstifter? Unser Wald 5(2):11,14. Feb.1952. 99.8 Un7

66992 TORTORELLI, L. A. Los guardabosques paracaidistas resultan una innovación en la lucha contra el fuego. Mundo Agr. 4(36):27-28. May 1952. 9 M92

Forest Influences

66993 BILLEP, F. K. Hambre y desolación; consecuencia funesta de la desforestación desmedida. Esc. de Farm. 13(169/170):26-28. (Cont.) Jan./Feb.1952. 396.8 Es1

Guatemala.

66994 GOODELL, B. C. Watershed-management aspects of thinned young lodgepole pine [Pinus contorta latifolia] stands. J. Forestry 50:374-378. May 1952. 99.8 F768

66995 HÖRICHT, D. Schutz den gebirgswaldungen! Unser Wald 5:5. Jan.1952. 99.8 Un7

Role of forests in protection against soil erosion, avalanches, floods, etc.

66996 HORMANN, B. Pflege und erhaltung der waldlandschaft als voraussetzung der gesunderhaltung von boden, pflanze, tier und mensch. Allg. Forstz. 7:258-260. May 28,1952. 99.8 AL52

66997 HORNSMANN, E. Die wohlfahrtswirkungen kommen allen zugute. Allg. Forstz. 7:261-262. May 28, 1952. 99.8 AL52

66998 KORFSMEIER, K. Welche wirkung hat der wald auf den grundwasserspiegel? Allg. Forstz. 7:248-249. May 28,1952. 99.8 AL52

66999 NUNES, F. J. S. DE F. P. Forestry and climate. (In Portuguese.) Agros [Lisboa] 35:80-85. Jan./Apr.1952. 15.5 Ag82

Influences.

67000 TRIMBLE, G. R., JR. A method of measuring increase in soil depth and water-storage capacity due to forest management. U. S. Forest Serv. Noeast. Forest Expt. Sta. Paper 47,8 p. Apr.1952. 1.9622 N2St22

Miscellaneous Forest Uses

67001 ARTIMO, A. On the assessment of damage caused by timber floating to lake water fishery. (In Finnish.) Finlands Flottareför. Årsb. 20:49-57. 1951(pub. 1952.) 292.49 V98Y

English summary.

67002 BEETLE, A. A. Range survey of the Bighorn National Forest (1951). Wyo. Range Mangt. 43,18 p. Jan.1952. 60.19 W99

67003 BROCKMAN, C. F. A practical approach to forest recreation education. J. Forestry 50:389-391. May 1952. 99.8 F768

67004 BROFELDT, P. Endeavours towards reducing and compensating the damage and disadvantages caused to fishery by industries and timber floating. (In Finnish.) Finlands. Flottareför. Arsb. 20:37-48. 1951(pub.1952.) 292.49 V98Y
English summary.

67005 DARLING, F. F. Mammals and forestry. Advn. Sci. 8:413-417. Mar.1952. 501 B77A

67006 GRANGER, C. M. Mining claims on the national forests; it's time to take another look. J. Forestry 50:355-358. May 1952. 99.8 F768

67007 HOPKINS, W. Grazing in the cut-over longleaf pine [Pinus palustris]- region. J. Forestry 50:384-386. May 1952. 99.8 F768

67008 HVOSLEF, O. Combination forest cultivation and pasture. (In Norwegian.) Skogbrukeren 27:84-86. Apr.15,1952. 99.8 Sk54

67009 OBRAZTSOV, B. V. Description of the fauna of terrestrial vertebrates of Tellermanovskoe Experimental Forestry Site (Borisoglebskii Forest Mountain Range). (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Trudy 7:180-198. Ref. 1951. 99.9 Ak1

67010 U. S. FOREST SERV. PACIFIC NORTHWEST REGION. Forest camping in Oregon: directory of National forest camps. Washington? 1952. 68 p. 1.9621 R6F762

67011 U. S. FOREST SERV. PACIFIC NORTHWEST REGION. Forest camping in Washington: directory of National forest camps. Washington? 1952. 50 p. 1.9621 R6F763

67012 WRIGHT, J. T., and HORTON, J. S. Checklist of the vertebrate fauna of San Dimas Experimental Forest. U. S. Forest Serv. Calif. Forest & Range Expt. Sta. Misc. Paper 7,15 p. Nov.1951. 1.9622 C2M68

FOREST INDUSTRIES AND TRADE

67013 AUBRÉVILLE, A. La nouvelle industrie forestière de la Côte Occidentale Française d'Afrique. Bois et Forêts des Trop. 21:4-14. Jan./Feb.1952. 99.8 B632
English summary.

67014 BAUER, B. Report from the Halland front. (In Swedish.) Skogsägaren 28:82-83. Apr.1952. 99.8 Sk55
Forest industries.

67015 BEDUS, E. Forstwirtschaft und preissenkungsaktion. Österr. Forst- u. Holzwirt. 6:425. Dec.7, 1951. 99.81 Os7

67016 DUBRET, R. Evolution des prix des bois depuis 1914. Bois et Scieries 58:365,395,397,431,433,435, 493,495,497,499,559,561,563,565. (Cont.) Apr.10-24, May 8,22,1952. 99.81 B632

67017 FOLEY, H. S. A challenge to research men in the forest industries. Brit. Columbia Lumberman 36(5): 48,104,106. May 1952. 99.81 B77

67018 FRÖHLICH, J. Zur frage der erhöhung des österreichischen holzexportes. Internatl. Holzmarkt 43 (5):28-29. Mar.8,1952. 99.81 In82

67019 GOLDY, D. L. "Big" versus "little" lumber operators in the Pacific Northwest. Amer. Acad. Polit. & Soc. Sci. Ann. 281:93-98. May 1952. 280.9 Am34

67020 HEINRICHS, W. Einkaufstätigkeit am nordischen markt. Internatl. Holzmarkt 43(4):6-7. Feb.23, 1952. 99.81 In82

67021 HEINRICHS, W. Einkaufstätigkeit am nordischen markt. Osterr. Gesell. f. Holzforsch. Mitt. 4 (1,sup.):6-7. Feb.1952. 99.9 Os72

67022 HEINRICHS, W. Die lage am nordischen schnittholzmarkt. Holz-Zentbl. 78:837-838. May 10,1952. 99.81 H742

67023 LJUJIĆ, M. A propos des nouveaux prix des produits forestiers. (In Serbo-Croatian.) Sumarstvo 4: 259-261. June/Aug.1951. 99.8 Su63

67024 MAREK, B. Die Wiener messe und die österreichische holzwirtschaft. Internatl. Holzmarkt 43 (5):21-22. Mar.8,1952. 99.81 In82

67025 MORIPEN, O. Forestry and lumber marketing in South Norway. (In Norwegian.) Skogeieren 39:58-59. Apr.15,1952. 99.81 Sk5

67026 MUNK, O. Buchen-schnittholz als exportware. Internatl. Holzmarkt 43(5):34-35. Mar.8,1952. 99.81 In82

67027 ROCHESTER, G. H. Canada's lumber industry. Foreign Trade 11:707-709. June 7,1952. 286.8 C162

67028 WACHA, R. Fördert die fertigwarenausfuhr! Österr. Forst- u. Holzwirt. 7:21-22. Jan.21,1952. 99.81 Os7

Lumbering

67029 FINLANDS FLOTTAREFÖRENING. Arsbok XX [Yearbook XX of Finland's Logging Association] 1951. Helsingfors,1952. 165 p. 292.49 V98Y

67030 GIOUD, A. L'exploitation et le sciage des bois dans le Jura français. Études Rhodaniennes 27:99-131. 1952. 473 Et8

67031 KANTOLA, M. The national lumbermens' contests further efficiency and skill. (In Finnish.) Teho 2/3: 99-103. 1952. 20 T98
English summary, p. 118.

67032 OSADA, H. Researches on the proper acreage of forest management from the point of view on laborer's efficiency. (The 1st report) On the efficiency of lumbering. (In Japanese.) Utsunomiya U. Col. Agr. B. 1:194-206. Mar.1951. 107.6 Ut7B
English summary.

Lumbering Equipment

67033 AUN, H. Zwei neue geräte für die waldarbeit. Tech. f. Bauern u. Gärt. Ausg. A 4:110-111. Mar.10,1952. 58.8 T223
Plow and wagon.

67034 DURST, J. Die technik des pfleglichen holzrückens. Deut. Agrartech. 1:331-336,366-369,371. Nov.-Dec.1951. 58.8 D482

67035 MAKKONEN, A. Development in motor saws. (In Finnish.) Teho 2/3:65-67. 1952. 20 T98
English summary, p. 118.

67036 RODIONOV, V. I. Self-fastening sea booms. (In Russian.) Lesn. Promysh. 12(3):10-12. Mar.1952. 99.82 L56

67037 TUOVINEN, A. Reinforcing ice roads mechanically. (In Finnish.) Teho 2/3:61-64. 1952. 20 T98
English summary, p. 118.
Chiefly forest roads.

67038 VOLODENKOV, F. I. Temporary dams [for floating logs]. (In Russian.) Lesn. Promysh. 12(3):12-14. Mar.1952. 99.82 L56

67039 WERNER, E. Kleiner aufwand, grosse leistung. Dreschen u. Pflügen 7:7-8. Jan.15,1952. 58.8 D81
Bandsaw for firewood.

Logging

67040 ARNKIL, J. E. About carting timber by wheel tractors. (In Finnish.) Teho 2/3:88-93. 1952. 20 T98
English summary, p. 118.

67041 BELYEA, R. M. Pulpwood floatability tests in the Black Sturgeon area. Thunder Bay Timber Oper. Assoc. Log Book 4:4. May/June 1952. 99.9 T42

67042 FRÖHLICH, J. Zur frage der abrückung des durchforstungsholzes im gebirge. Internatl. Holzmarkt 43(4):5. Feb.23,1952. 99.81 In82

67043 FROHLICH, J. Zur frage der abrückung des durchforstungsholzes im gebirge. Osterr. Gesell. f. Holzforsch. Mitt. 4(1,sup.):5. Feb.1952. 99.9 Os72

67044 GORSHKOV, D. S. Transportation of tree lengths to the floating stream. (In Russian.) Lesn. Promysh. 12(3):6-9. Mar.1952. 99.82 L56

67045 MATHIEU, H. Comment préparer les bois de cellulose. Bois et Scieries 58:477-478. May 1,1952. 99.81 B632

67046 NORMING, H. Motor sawing courses. (In Swedish.) Skogen [Stockholm] 39:123-124. May 1,1952. 99:8 Sk51

67047 PANTENBURG, V. Wälder wandern auf wildwassern. Orion 7:155-159. Feb.1952. 474 Or4

67048 SOOM, E. Leistungsgerechte entlöhnung in der holzhauerei. Winterthur,Konkordia,1951. 69 p. 283 So6

67049 SOWDER, J. E. A sanitation-salvage cutting in ponderosa pine at the Pringle Falls Experimental Forest. U. S. Forest Serv. Pacific Nowest. Forest & Range Expt. Sta. Res. Paper 2,24 p. Ref. Oct.1951. 1.9622 P2R31

67050 STEINLIN, H. Untersuchungen über die holzhauerei im gebirge. Schweiz. Landwirt. Monatsh. 5: 185-187. May 20,1952. 17 Sch93
Labor management.

67051 STEPANOV, P. M. Our experience in working by a time sheet. (In Russian.) Lesn. Promysh. 12(3):4-6. Mar.1952. 99.82 L56
Work management in logging.

Sawmills

67052 ANDERSSON, J., and SCHAUB, C. Gang sawblades with swage set. (In Swedish.) Trävaruindustrien 4:73-74. Feb.21,1952. 99.81 T69

67053 BERSHADSKII, A. L. Calculation of increased productivity in sawing with flattened teeth frame saws. (In Russian.) Lesn. Promysh. 12(3):20-26. Mar.1952. 99.82 L56

67054 DEHN, U. VON. Eines der modernsten sägewerke schwedens. Internatl. Holzmarkt 43(5):26-27. Mar.8,1952. 99.81 In82

67055 FRONIUS, K. Entwicklungsstand der doppelbesäumkreissägen. Holz-Zentbl. 78:777-778. Apr.29, 1952. 99.81 H742

67056 GRAHAM, P. H. Modern saw logs do a striptease. 4. Wood Working Digest 54:51-54,56,58,60. June 1952. 99.82 W87
Bark removal.

67057 KIEKENS, D. The band resaw. (In Dutch.) Houthandel 5:11. Apr.10,1952. 99.81 H81

67058 MIJUCIĆ, B. Scies alternatives suédoises employées dans notre pays. (In Serbo-Croatian.) Sumarstvo 4:234-241. June/Aug.1951. 99.8 Su63
French summary.

67059 MONCEY, A. Alerte aux scieurs. Bois et Scieries 58:577,579. May 22,1952. 99.81 B632

67060 PETITPAS, J. Fluctuations du ruban. Rev. du Bois 7(5):21-23. May 1952. 99.82 R32

67061 RAMBO, W. H., and DERICE, H. A. Economics of log debarking in sawmills. Lumberman 79(5):94, 96,132. May 1952. 99.81 W52

67062 SKJELMERUD, H. Sawblades with swage set and with spring set. (In Norwegian.) Norsk Skogindus. 6:113-121. Apr.1952. 99.82 N81
English summary.

Processing and Woodworking

67063 BÖRNER, H. Geeignete holzverbindungen für die serienfertigung. Holz 6:94-95. Apr.1952. 99.82 H743

67064 DINGLINGER, E. Wirtschaftlichkeitsfragen beim einsatz von hartmetallwerkzeugen in der holzbearbeitungsindustrie. Holz als Roh- u. Werkst. 10:43-51. Feb.1952. 99.81 H74

67065 KRAUS, H. Mehr systematik beim maschinenkauf! Holz 6:79-80. Apr.1952. 99.82 H743

67066 MCCAFFREY, D. R. Continuous feed jointer highly adaptable machine. Canad. Woodworker 52(5):70, 72,74,76. May 1952. 99.82 C162

67067 MARCOLLI, M. Woodworking and furniture industries in the Italian economy. (In Italian.) Indus. del Legno 4(1):24-25. Jan.1952. 99.82 In2

67068 SCHINDLER, P. Die handbandschleifmaschine und ihre bedeutung für die holzverarbeitenden betriebe. Internatl. Holzmarkt 43(5):29-31. Mar.8,1952. 99.81 In82

67069 SCHWEISHEIMER, W. Wood dust and respiratory diseases. Wood [London] 17:181. May 1952. 99.82 W855
In lumbering and woodworking industries.

67070 VEGET, H. Gebrauch und pflege der hobelkreissäge. Holz-Zentbl. 78:761. Apr.26,1952. 99.81 H742

Seasoning, Conditioning and Finishing

67071 BITTNER, A. Holzanstrich — wie und womit? Österr. Forst- u. Holzwirt. 6:431-433,446-449. Dec.7-21, 1951. 99.81 Os7

67072 CONSONNI, A. Save the furniture industry. (In Italian.) Indus. del Legno 3(12):30-33. (Cont.) Dec. 1951. 99.82 In2
Includes seasoning of wood.

67073 CZEPEK, E. Wood drying within the framework of the electric industry. (In Italian.) Indus. del Legno 4(1):21-22. Jan.1952. 99.82 In2

67074 EGNER, K. Heisstrocknung von hölzern. Holz-Zentbl. 78:745-748,750,752. Ref. Apr.26,1952. 99.81 H742

67075 GRIFFAULT, P. Le séchage du bois à la portée des petites et moyennes industries. Bois et Scieries 58:288-289,314-315,369,437,466-467,501-502. (Cont.) Mar.20-27,Apr.10,24-May 8,1952. 99.81 B632

67076 HILDEBRAND, R. Moderne deutsche holztrockenanlagen im ausland. Holz-Zentbl. 78:838-840. May 10, 1952. 99.81 H742

67077 MAKU, T. Studies on the drying of wood. I. (In Japanese.) Wood Res. 6:51-70. Ref. Mar.1951. 99.82 W8524
English summary.

67078 MATHIEU, H. Les séchoirs a bois a température et humidité élevées. Bois et Scieries 58:259-260. Mar.13,1952. 99.81 B632

67079 NIESEN, H. Die verarbeitung und prüfung von holzpolierlacken. Holz als Roh- u. Werkst. 10:56-62. Feb.1952. 99.81 H74

67080 TIEMANN, H. D. The kiln-drying of lumber, 42. Two stage drying. (Concl.) Pervious wood from the green condition. South. Lumberman 184(2309):54,56. June 15,1952. 99.81 So82

67081 TORGESON, O. W. Does weighting of kiln loads reduce warping? Wood Working Digest 54:163-168. June 1952. 99.82 W87

67082 TORGESON, O. W. What precautions will minimize seasoning defects in the kiln drying of green oak lumber? Canad. Woodworker 52(5):48,50. May 1952. 99.82 C162

Wood Preservation and Damage

67083 AARON, J. R. Problems in the selection of timber for water cooling towers. T. D. A. Q. Rev. 3(5): 9. Apr.1952. 99.9 T48T

67084 BELLMANN, H. Wo soll der holzschutz beginnen? Österr. Forst- u. Holzwirt. 6:355-357. Oct.7, 1951. 99.81 Os7

67085 BLEW, J. O., JR. Comparison of wood preservatives in stake tests. (1952 progress report). U. S. Forest Serv. Forest Prod. Lab. D1761,7 p. Apr.1952. 1.9 F761R

67086 CORMIO, R. Damage by teredo. (In Italian.) Indus. del Legno 3(12):29. Dec.1951. 99.82 In2

67087 DALLAS-COPE, J. Preservation of wood. 1. Milk Indus. 32(11):76-78. May 1952. 44.8 M593

67088 ENGELHARD, J. M. Une révolution technique à l'aube de l'âge atomique; la pénicilline du bois. Agr. Prat. 116:217-218. (Cont.) Apr.1952. 14 J82
Wood preservation.

67089 FUNCK, B. La kyanización como medio de conservación de maderas. España Agr., Feb.1952:8-9. 335.8 Es6

67090 HARROW, K. M. Impregnation of tawa (Beilschmeidia tawa Benth. and Hook. f.) with boric acid by diffusion. III. Sampling of timber treated with boric acid. New Zeal. J. Sci. & Technol. B, Gen. Res. Sect. 33:385-392. Mar.1952. 514 N48B

67091 HOEK, M. Wolmanising on plantations. (In Dutch.) Bergcultures 21:157,159,161,163. Apr.16,1952. 22.5 B45
Wood preservation in Indonesia.

67092 INOUYE, Y., NISHIMOTO, K., and ECCHU, K. Studies on the wood preservatives. III. On the unhydrogenous reactions with sulfur in pine root oil and the sterilizing action. (In Japanese.) Wood Res. 6:7-16. Mar.1951. 99.82 W8524
English summary.

67093 KUNZE, R. Holzschädenverhütung in bauten. Österr. Forst- u. Holzwirt. 6:428-431. Dec.7,1951. 99.81 Os7

67094 PROCHOWNIK, S. Beech crossties for railroads and methods for impregnating them, in particular the so-called frosted ones. (In Polish.) Sylwan 95:343-357. Ref. July/Dec.1951. 99.8 Sy52
Russian summary.

67095 SCHUCH, K. Untersuchungen über den quantitativen Nachweis der feuerschutzmittel auf phosphatbasis. Holzforschung 5:74-80. 1951. 99.8 H74
English summary.

67096 VERRALL, A. F. Why use sap stain control chemicals. South. Lumberman 184(2309):66,68. June 15, 1952. 99.81 So82

67097 WOHLETZ, E., and BURLISON, V. Cold-soak wood preservation. Idaho. Agr. Col. Ext. B. 187,20 p. June 1951. 275.29 Id13

67098 ZEZSCHWITZ, VON. Hinweise für die praktische anwendung von holzschutzmitteln auf salzbasis. Holz 6:41-43. Feb.1952. 99.82 H743

67099 ZIMMERMANN, W. A. Holzfeuchtigkeit und schutzmittelbehandlung bei bauhölzern. Holz 6:37-38. Feb.1952. 99.82 H743

67100 ZOBRIST, L. La préservation des grumes de hêtre contre la fente et l'échauffure. Forêt 5:105-108. Mar.1952. 99.8 F7683

67101 ZYCHA, H. Die bewertung pilzhemmender eigenschaften von grundieranstrichen. Holz als Roh- u. Werkst. 10:41-43. Feb.1952. 99.81 H74

FOREST PRODUCTS

67102 GERRY, E., and FLICK, F. J., comp. Puerto Rican woods and their utilization—a bibliography. U. S. Forest Serv. Forest Prod. Lab. Rpt. R1793,15 p. Mar. 1951. 1.9 F761R

67103 GILLES, F. L'utilisation des déchets de bois. Bois et Scieries 58:444-445,512. (Cont.) Apr.24,May 8, 1952. 99.81 B632

67104 GONZÁLEZ VALE, M. A. Historia de la madera: La madera en la guerra y en la paz. Venezuela. Dir. Forest. Ser. Forest. 23,17 p. Jan.1952. 99.9 V55

67105 MARIĆ, B. Pour une bonne utilisation de la récolte du hêtre de cette année. (In Serbo-Croatian.) Sumarstvo 4:256-257. June/Aug.1951. 99.8 Su63

67106 MONEY, P. L. Marine uses of timber. Oxford U. Forest Soc. J. (ser.3)6:41-49. 1952. 99.9 Ox2

67107 NOWAK, A. Kommt ein zeitalter des holzes? Internatl. Holzmarkt 43(5):22-23. Mar.8,1952. 99.81 In82

67108 STEFANOVIĆ, R. Pour une meilleure utilisation des fruits de forêts. (In Serbo-Croatian.) Sumarstvo 4:251-252. June/Aug.1951. 99.8 Su63

67109 VILLIÈRE, A. Récupération des déchets de bois au Canada. II. Utilisation des déchets. Rev. du Bois 7(5):18-20. May 1952. 99.82 R32

Lumber and Rough Products

67110 ERNST. Rundholzmarkt und forstliche verkaufspolitik. Holz-Zentbl. 78:821-823. May 8,1952. 99.81 H742

67111 KUSSMANN, E. Vom rundholzverkauf und von höchstpreisen. Holz-Zentbl. 78:833-834. May 8,1952. 99.81 H742

67112 MAYER-WEGELIN, H. Die sortenbildung beim buchenstammholz. Holz-Zentbl. 78:855-856. May 13,1952 99.81 H742

67113 SAVILLE, G. The transport of timber. 3. Conditions of carriage. Wood [London] 17:190-191. May 1952. 99.82 W855

67114 VAUGHAN, J. A. Problems in supply and manufacture of southern pine poles. J. Forestry 50:362-364. May 1952. 99.8 F768

Building Construction

67115 ARMBRUSTER, E. Herstellung von holzhäusern in Amerika. Österr. Gesell. f. Holzforsch. Mitt. 3: 129-135. Dec.1951. 99.9 Os72
Prefabricated.

67116 BAILEY, N. Veneer and plywood: opportunities in prefab building. 21. Wood Working Digest 54:151-154, 156,158. June 1952. 99.82 W87

67117 BROSY, R. L. "Glulam" bridge for 100-ton loads. West. Constr. 27(6):80-81. June 1952. 290.8 W52

67118 BUIANOVA, V., and SOLOV'EV, E. Increasing the service of wooden buildings. (In Russian.) Sel'sk. Stroitel' 6(5):17-19. Sept./Oct.1951. 296.28 Se4

67119 GRANUM, H., and BIRKELAND, O. Demands of the building industry in regard to dimensions and lengths of lumber for the building of wooden houses. (In Norwegian.) Norsk Skogindus. 6:102-109. Apr.1952. 99.82 N81
English summary.

67120 HALBRITTER, A. Das holz im kult der kirche. Unser Wald 5(4):18-20. Apr.1952. 99.8 Un7

67121 HANSEN, G. M. Selling lumber to home builders is important. Miss. Val. Lumberman 83(37):16, 28. May 2,1952. 99.81 M69

67122 KUENZEL, J. G. Military wood usage: marine laminating. Wood Working Digest 54:141-144,146,148. June 1952. 99.82 W87

67123 LATHAM, B. Wooden ships. 1. To the Elizabethans. Wood [London] 17:185-187. May 1952. 99.82 W855

67124 MICHAELSEN, O. Die wirtschaftlichen vorteile des holzschwellenoberbaus mit federnägeln. Holz-Zentbl. 78:791. May 3,1952. 99.81 H742

67125 PFEILLER, K. Betonschalungsplatten. Internatl. Holzmarkt 43(5):33-34. Mar.8,1952. 99.81 In82

67126 U. S. FOREST SERV. FOREST PRODUCTS LABORATORY. Wood seats for stadiums. U. S. Forest Serv. Forest Prod. Lab. Rpt. R1006,rev.,7 p. Dec.1951. 1.9 F761R
Kinds of wood and their properties.

67127 ZANDER, A. A. New market in school construction. Wood Constr. & Bldg. Mater. 38(6):30-31. June 1952. 99.81 W852

Veneers, Plywood and Adhesives

67128 ARMBRUSTER, E. Einige probleme bei der verleimung gerader oder gekrümmter träger. Internatl. Holzmarkt 43(4):18-21. Feb.23,1952. 99.81 In82

67129 ARMBRUSTER, E. Einige probleme bei der verleimung gerader oder gekrümmter träger. Osterr. Gesell. f. Holzforsch. Mitt. 4:18-21. Feb.1952. 99.9 Os72

67130 BAER, F. H. Austria unable to supply its international veneer demand. Veneers & Plywood 46(6):28,30-32,34. June 1952. 99.82 V55

67131 BELLOTTI, L. Principles and function of heating by radio-frequency. (In Italian.) Indus. del Legno 4(1):29. Jan.1952. 99.82 In2

67132 BLOMQUIST, R. F. Current investigations of the durability of woodworking adhesvies. (Abs.) Amer. Soc. Testing Mater. ASTM B. 182:29. May 1952. 290.9 Am34B

67133 ELMENDORF, A. Methods of testing adhesion to wood. 2. Wood & Wood Prod. 57(6):34,36, June 1952. 99.82 W856

67134 HOPKINS, R. P. The effect of specimen structure in permanence tests on wood adhesives. (Abs.) Amer. Soc. Testing Mater. ASTM B. 182:29. May 1952. 290.9 Am34B
Resin adhesives.

67135 HYLER, J. E. Chucks for the rotary lathe. Veneers & Plywood 46(6):36-37. June 1952. 99.82 V55

67136 HYLER, J. E. Veneer drying operations and equipment. IV. South. Lumberman 184(2308):49-50. June 1,1952. 99.81 So81

67137 KOHLER, R., and ENZENSBERGER, W. Melaminharze in der holztechnik. Holz als Roh- u. Werkst. 10:51-56. Ref. Feb.1952. 99.81 H74

67138 PERRY, T. D. Types of plywood. 9. Plymetals. Wood Working Digest 54:119-120,122,124,126,128,130,134, 136-138. June 1952. 99.82 W87

67139 PODBREŽNIK, F., and MAFTEJ, I. Certaines expériences avec les colles albumienses dans la fabrication du bois contreplaqué. (In Serbo-Croatian.) Sumarstvo 4:242-248. Ref. June/Aug.1951. 99.8 Su63
French summary.

67140 RAZOUS, P. Aperçus sur les placages et les contreplaqués. Bois et Scieries 58:255,257,311,313,367, 435,437,464-465,508-509,511,565,567-568. (Cont.) Mar.13,27,Apr.10,24-May 8,22,1952. 99.81 B632

67141 RITTER, E. J. Vergütete hölzer im texilmaschinenbau. Melliand Textilber. 33:343-346. (Cont.) Apr.1952. 304.8 T312

67142 STEVENS, S. F. Uses for hardwood veneer cores. Veneers & Plywood 46(6):20,22. June 1952. 99.82 V55

67143 TACHI, I., KIMURA, Y., and YAMAMOTO, A. Studies on the adhesion of wood. I. Some experiments on the viscose-adhesive. (In Japanese.) Wood Res. 6:20-33. Mar.1951. 99.82 W8524
English summary.

67144 U. S. FOREST SERV. FOREST PRODUCTS LABORATORY. Hand-operated portable glue spreader. U. S. Forest Serv. Forest Prod. Lab. Tech. Note 255,4 p. Feb.1952. 1.9 F761

Furniture

67145 CONNELLY, H. H. How important is wash coating. Wood Working Digest 54:99-100,102,104,106,108. June 1952. 99.82 W87
Finishing furniture.

67146 DICKINSON, T. A. West Coast plant uses rattan for furniture. Wood & Wood Prod. 57(6):33. June 1952. 99.82 W856

67147 GRAHAM, P. Proper selection and use of furniture hardwoods; hard hardwood species: rock elm. Furniture Mfr. 73(6):58,60-61,71. June 1952. 300.8 F982
Properties and bonding.

67148 WRIGHT, J. Imagination builds thriving moulded plywood business. Canad. Woodworker 52(5):40-41,62. May 1952. 99.82 C162
Furniture.

Containers

67149 HANSEN, G. M. West coast woods for containers. Wood Constr. & Bldg. Mater. 38(6):23-24. June 1952. 99.81 W852

67150 HANSEN, G. M. Wood for containers. II. N. Y. Lumber Trade J. 131(1434):5-6. May 1952. 99.81 N48

Pulp and Paper

67151 ATCHISON, J. E. The European pulp and paper industry moves ahead. Tappi 35:10A,12A,14A,16A. June 1952. 302.8 T162

67152 CRAIG, F. A. Practical beating. Paper-Maker & Brit. Paper Trade J., Midsummer 1952:24-25,28,31. 302.8 P1922

67153 DICK, G. M. Modern developments in barking drum design. Tappi 35:212-217. May 1952. 302.8 T162

67154 DUSENBURY, M. R., and REESE, J. E. Some observations on sulphate turpentine recovery. (Condensed) South. Pulp & Paper Mfr. 15(6):40. June 10,1952. 302.8 So8

67155 FOLEY, H. S. Some thoughts for technical men in the pulp and paper industry. Pulp & Paper Mag. Canada 53(6):110,115. May 1952. 302.8 P96
Complete utilization.

67156 GIBBS, C. K. Process instrumentation trends in Canadian pulp and paper industry. Canad. Chem. Processing 36(5):38,40. May 1952. 381 C16

67157 HOLLENSWORTH, M. Log debarker avoids waste. Amer. Swedish Mon. 46(6):7,19. June 1952. 286.8 Sw3

67158 HOLTE, T. Damaged wood, with special reference to manufacture of wood. (In Norwegian.) Norsk Skogindus. 6:126-133. May 5,1952. 99.82 N81
English summary.

67159 KAZMEIER, A. W. Historischer streifzug durch die rohstofffragen der papierherstellung. Papier Gesch. 1:40-45. Ref. Oct.1951. 302.8 P1992

67160 LOGAN, K. C., and PURVES, C. B. Electrochemical recovery of soidum base and of oxalic acid from sulphite waste liquor. Tappi 35:284-288. Ref. June 1952. 302.8 T162

67161 MCGOVERN, J. N., and others. Semichemical pulping characteristics of Pacific Coast red alder [Alnus rubra], Douglas-fir [Pseudotsuga taxifolia], western redcedar [Thuja plicata], and western hemlock [Tsuga heterophylla]. U. S. Forest Serv. Forest Prod. Lab. Rpt. R1912,10 p. Dec.1951. 1.9 F761R
E. L. Keller, J. S. Martin, and R. M. Kingsbury, joint authors.

67162 MACHELL, E. F. Handling wood waste at Harmac. Canad. Pulp & Paper Indus. 5(6):10-11. June 1952. 302.8 W52
For the production of bleached Kraft.

67163 OISHI, K. About the cost of wood pulp production. (In Japanese.) Japan Synthetic Textile Mon. 5(4): 35-38. Apr.1952. 304.8 J27

67164 ORGANISATION FOR EUROPEAN ECONOMIC COOPERATION. The pulp and paper industry in the USA; a report by a mission of European experts. Paris, 1951. 378 p. 302 Or3

67165 ORTIZ, R. La escasez mundial de papel. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Agr. 42:21-22. Jan./Mar.1952. 8 R323
Timber resources of Latin America as a source of raw material.

67166 PALMROSE, G. V., and HULL, J. H. Pilot plant recovery of heat and sulphur from spent ammonia-base sulphite pulping liquor. Tappi 35:193-198. May 1952. 302.8 T162

67167 RASTATTER, E. L., and CROUP, A. H. Hammermill dirt separator. Tappi 35:223-227. May 1952. 302.8 T162

67168 SAPP, J. E., and others. Semichemical pulping symposium. Tappi 35:40A,42A,44A,46A,50A,52A,54A,56A, 58A,60A,62A. Ref. June 1952. 302.8 T162
A. P. Yundt, E. M. Leavitt, C. W. Converse, D. O. Adams, J. L. Tennant, Jr. and Marteny, W. W., joint authors.

67169 SHATTUCK, G. B. New patterns from old rags. Paper Mill News 75(24):16-18,20,25. June 14,1952. 302.8 P195

67170 SHATTUCK, G. B. Papermaking economics: the new and the old. Paper Indus. 34:360-363. June 1952. 302.8 P1923
Industry.

67171 SPORHAN-KREMPEL, L., and PICCARD, G. Die papiermühle zu Niefern. Papier Gesch. 1:17-24. Aug.1951. 302.8 P1992

67172 SPORHAN-KREMPEL, L., and PICCARD, G. Der versuch zur erlangung eines inländischen papiermonopols im Herzogtum Württemberg. Papier Gesch. 1: 53-56. Dec.1951. 302.8 P1992

67173 TORMAN, D. H. VAN D. Les prix de la cellulose et de la pâte de bois. (In Dutch.) Econ. Statis. Ber. 37:389-392. May 21,1952. 280.8 Ec722
French summary, p. 387.

67174 TSCHUDIN, F. Uber einige versuche zur herstellung von echtem seidenpapier. Papier Gesch. 2:2-5. Ref. Feb.1952. 302.8 P1992

67175 U. S. FOREST SERV. FOREST PRODUCTS LABORATORY. List of publications on pulp and paper. U. S. Forest Serv. Forest Prod. Lab. Rpt. R444,39 p. Jan.1952. 1.9 F761R

67176 VOORN, H. Paper making in the Netherlands. Pulp & Paper Mag. Canada 53(6):90-97. May 1952. 302.8 P96

67177 WELLS, S. D. History and development of the semichemical pulping process. South. Pulp & Paper Mfr. 15(6):58,60. June 10,1952. 302.8 So8

67178 WIEDERMANN, F. Das schicksal alter papiermühlen. Papier Gesch. 1:58. Dec.1951. 302.8 P1992

67179 WILSON, T. Hydraulic slab barker operation. Canad. Pulp & Paper Indus. 5(6):12,14,16. June 1952. 302.8 W52

67180 WILSON, T. The hydraulic slab barker operation in the MacMillan and Bloedel pulp mill at Port Alberni. Pulp & Paper Mag. Canada 53(6):111-115. May 1952. 302.8 P96

67181 WRIGHT, R. H. Kinetics of the oxidation of sulphate black liquor. Tappi 35:276-280. June 1952. 302.8 T162

67182 WULTSCH, F., and SALZER, H. Untersuchungen über die eignung der nassentrindungsverfahren für ungeflösstes alpenholz. Papier 6:169-176. (Concl.) May 31, 1952. 302.8 P1934

67183 YOUNG, J. H. Potentiometric titration of black liquors from soda process cellulose pulping. Brit. Paper & Bd. Makers' Assoc. Tech. Sect. Proc. 32:875-878. Dec.1951. 302.9 P193

67184 YUI, C. H. Studie zur geschichte des chinesischen papiers. Papier Gesch. 1:35-38; 2:5-6. Ref. Oct.1951,Feb.1952. 302.8 P1992

Chemical Products and Distillates

67185 ANDERSON, A. B. Pinitol from sugar pine, Pinus lambertiana Dougl. Tappi 35:198-202. Ref. May 1952. 302.8 T162

67186 NAVARRO RUIZ, D. En 1950 se produjeron medio millón de toneladas de carbón vegetal. Rev. Sind. de Estadis. 6(24):44-49. Fourth Q.1951. 263 Es8B
Spain.

Naval Stores

67187 INOUYE, Y., and MITANI, S. Studies on the vacuum distillation of turpentine in the case of active carbon and sulphur. (In Japanese.) Wood Res. 6:1-6. Ref. Mar.1951. 99.82 W8524
English summary.

67188 KEKUKH, A. M. 25 years of the rosin-turpentine industry of U.S.S.R. (In Russian.) Priroda 40(11):75-80. Ref. Nov.1951. 410 P933

67189 U. S. BUR. OF AGRICULTURAL ECONOMICS. 1951-1952 annual naval stores report. Washington,1952. 11 p. 1.9 C4929An

Other Forest Products

67190 BARRETO, A. L. F. V. The national export of corkwood squares and corks and its evolution. (In Portuguese.) Portugal. Junta Nac. da Cortica. B. 14: 127-133. (Concl.) Mar.1952. 309.9 J96
English summary, p. XXVI.

67191 BECK, H. Pressed board from sawdust. (In Portuguese.) (Sum.) Rev. Bras. de Quim. (Cien. & Indus.) 33:158. Mar.1952. 385 R322

67192 BOEHM, R. M., and HARPER, J. S. Application of hardboards in veneered panels. Canad. Woodworker 52(5):55-56,58,60,62. May 1952. 99.82 C162

67193 BOEHM, R. M., and HARPER, J. S. Application of hardboard in veneered panels. Wood & Wood Prod. 57 (6):42,44. (Cont.) June 1952. 99.82 W856

67194 CARNEIRO, E. Influence of the baking degree on the quality of corkboard. II. (In Portuguese.) Portugal. Junta Nac. da Cortiça. B. 14:90-92. Feb.1952. 309.9 J96
English summary, p.XVII.

67195 FUNDER, A. Entwicklung und möglichkeiten der holzfaserplattenindustrie. Internatl. Holzmarkt 43 (5):23-25. Mar.8,1952. 99.81 In82

67196 GOMES, A. M. DE A. On cork production; the corkwood problem. II. (In Portuguese.) Portugal. Junta Nac. da Cortiça. B. 14:95-103. Feb.1952. 309.9 J96
English summary, p.XVII.
Includes consumption.

67197 GRAHM, P. Metallizing of wood can be accomplished easily when fundamental rules are followed. Wood & Wood Prod. 57(6):25,40,64. June 1952. 99.82 W856

67198 GUZZINI, D. The martyrdom of the manna-bearing ash tree. (In Italian.) Mondo Agr. 3(15):4. Apr. 13,1952. 16 M74
Discussion of Fraxinus ornus and F. excelsior and the manna industry.

67199 JACOB, G. Extraction and utilisation of softwood thinnings. Oxford U. Forest Soc. J. (ser.3)6:49-56. 1952. 99.9 Ox2

67200 KING, F. W., and BENDER, F. Production of hard-pressed fibreboard from western red cedar [Thuja plicata] mill waste. Pulp & Paper Mag. Canada 53(6):137-141. May 1952. 302.8 P96

67201 RITTER, E. J. Der abfallfrei arbeitende holzbetrieb, kleinanlagen für spanplatten und formteile aus holzpressstoffen. (Abs.) Chem.-Ingen.-Tech. 24: 214. Apr.1952. 384 C428

WOOD TECHNOLOGY

67202 COZZO, D. La madera de los arboles cultivados en el campo. Chacra 22(258):22-23. May 1952. 9 C34
Properties and characteristics of various Argentina woods.

67203 DESFORGES, J. L'hydrolyse du bois par les procédés A. Hereng. Rev. du Bois 7(5):11-17. May 1952. 99.82 R32

67204 EECKHOUT, L. De beschrijving en de identificatie van de houtsoorten [Description and identification of kinds of wood]. Rlandbhogesch. Lab. v. Houttechnol. Meded. 5,28 p. Ref. June 1951. 99.9 G34

67205 HAGGLUND, E., and RICHTZENHAIN, H. Comparative investigations on native and isolated lignin. Tappi 35:281-284. June 1952. 302.8 T162

67206 KEYLWERTH, R. Assacu. Holz als Roh- u. Werkst. 10:79-80. Feb.1952. 99.81 H74
Hura.

67207 LAMB, G. N. Foreign woods. Wood & Wood Prod. 57(6):68-71. June 1952. 99.82 W856
Vochysia, Vitex and Pterocarpus species.

67208 LEECH, J. G. Acetolysis procusts of slash pine [Pinus caribaea] alpah-cellulose studied by chromatographic methods. Tappi 35:249-253. Ref. June 1952. 302.8 T162

67209 MAKU, T. Heat conduction in wood. III. Relation between the moisture content and the heat conduction vertical to the grain. (In Japanese.) Wood Res. 6:43-50. Mar.1951. 99.82 W8524
English summary.

67210 MOYER, W. W. Industrial cellulose research. Tappi 35:20A,22A,24A,26A,28A. June 1952. 302.8 T162

67211 PILLOW, M. Y. Length of fibers in certain Yucatan hardwoods. Tappi 35:238-240. May 1952. 302.8 T162

67212 PÖLLATHI, L. Holzstaubexplosionen, ihre entstehung und ihre verhütung. (Abs.) Chem.-Ingen.-Tech. 24:214. Apr.1952. 384 C428

67213 SAVARD, J., and ESPIL, L. Hydrolyse par percolation sulfurique de quelques bois tropicaux. Cent. Tech. Forest. Trop. P. 2,118 p. 1951. 99.9 N68
English summary.

67214 WALSETH, C. S. The influence of the fine structure of cellulose on the action of cellulases. Tappi 35:233-238. Ref. May 1952. 302.8 T162

67215 WETHERN, J. D. Some molecular properties of the hemicelluloses of black spruce [Picea mariana]. Tappi 35:267-271. Ref. June 1952. 302.8 T162

Properties and Structure

67216 BUCHANAN, M. A. The ignition temperature of certain pulps and other wood components. Tappi 35: 209-211. May 1952. 302.8 T162

67217 CLERMONT, L. P., and SCHWARTZ, H. The chemical composition of Canadian woods. II. Pulp & Paper Mag. Canada 53(6):142-143. May 1952. 302.8 P96

67218 EECKHOUT, L. On the definition of compound rays in wood anatomy. Rlandbhogesch. Lab. v. Houttechnol. Meded. 6,16 p. July 1951. 99.9 G34

67219 HERGERT, H. L., and KURTH, E. F. The chemical nature of Douglas-fir (Pseudotsuga taxifolia) cork. (Abs.) Oreg. Acad. Sci. Proc. 2:93. 1948-51. 500 Or3

67220 KHANMAMEDOV, K. M. Determining the moisture of impregnated wood. (In Russian.) Lesn. Promysh. 12(3):31-32. Mar.1952. 99.82 L56

67221 KUENZI, E. W. Edgewise compressive strength of panels and flatwise flexural strength of strips of sandwich constructions. U. S. Forest Serv. Forest Prod. Lab. Rpt. 1827,11 p. Nov.1951. 1.9 F761R

67222 KUENZI, E. W. Flexure of structural sandwich construction. U. S. Forest Serv. Forest Prod. Lab. Rpt. 1829,11 p. Dec.1951. 1.9 F761R

67223 NOREN, B. Mätning av töjning och krypning i trä [The measurement of strain and creep in wood]. Svenska Träforskinst. Trätek. Avd. Meddel 29B,39 p. 1952. 99.9 St6
English summary.

67224 RUBENS, E. Estudio sobre las combustibilidades de las madeiras chilenas. (Sum.) Rev. Bras. de Quim. (Cien. & Indus.) 33:158. Mar.1952. 385 R322

67225 VAKIN, A. T., CHERNTSOV, I. A., and AKINDINOV, M. V. Technical properties of Western-Ukrainian beech [Fagus sylvatica] wood. (In Russian.) Lesn. Promysh. 12(3):27-30. Mar.1952. 99.82 L56

ANIMAL INDUSTRY

References on processing, distribution, economic aspects and statistics of livestock and livestock products are classified with Agricultural Products; references on housing of livestock with Agricultural Engineering.

BREEDS AND BREEDING

67226 CETTO, A., FRIEHERR VON. Die wechselbeziehungen zwischen türkischer u. deutscher tierzucht. Tierzüchter 4:248-249. May 20,1952. 49 T445

67227 DIEZ RODRIGUEZ Y FELIZ, E. La inseminación artificial ganadera y sus ventajas. Ceres [Valladolid] 17(190):43,45. Apr.1,1952. 15 C33

67228 FILMER, J. F. Some impressions in research on animal breeding. Massey Agr. Col. Dairyfarming Annu. 4:112-122. Nov.1951. 44.9 M382
Includes discussion.

67229 FOLEY, L. K. The master of Dishley. Jersey B. 71:366,394-402. (Concl.) Mar.25,1952. 43.8 J48
. Bakewell, master breeder.

67230 GFELLNER, V. Sieben jahre aufbauarbeit in der tierzucht. Bauer 5(16):2-7. Apr.19,1952. 19 B32
Austria.

67231 GRAMOLINI, M. Notes on livestock questions. (In Italian.) Agr. Molisana 3(3):1. Mar.1952. 16 Ag8267
Breeding.

67232 KÖNIG, K. Stand und entwicklung der Allgäuer tierzucht im jahre 1951. Allgäuer Bauernbl. 20:235-236. May 8,1952. 18 AL53

67233 LEGHIS, L. M. Les phénomènes d'hérédité par imprégnation. Paysan Franç. 27(413)8. May 1952. 14 P29
Livestock.

67234 LYNCH, L. D. Artificial insemination centre for Hunter Valley. Milk Bd. J. 3(4):17-18. Apr.1952. 44.8 M5934
New South Wales.

67235 MASON, I. L. A world dictionary of breeds, types and varieties of livestock. Commonwealth Bur. Anim. Breeding & Genet. Tech. Commun. 8,272 p. Ref. 1951. 49.9 Im7

67236 NUYTEMANS, F. Chez les éleveurs d'animaux de race de Québec. Ferme 13(7):25. Mar.1952. 7 F38

67237 POHL, A. E. Der einfluss von deutschem zuchtmaterial auf Osterreichs. Tierzüchter 4:249-251. May 20,1952. 49 T445

67238 RAE, A. L. The importance of genetic correlations in selection. New Zeal. Soc. Anim. Prod. Proc. 11: 104-106, 1951,pub.1952. 49.9 N483

67239 RICE, V. A. Principios generales de la selección. Agr. Austral 20:46-49. Feb.1952. 9.3 Ag842
Livestock breeding.

67240 SCHOLZ, F. Deutsche zuchttiere im ausland. Deut. Landwirt.-Gesell. Mitt. 67:304-306. May 3,1952. 18 N39

67241 SMITH, K. S. Improvement through selection. Transkeian Ter. Agr. Dept. Umcebisi Womlimi Nomfuyi 29(1):24-25,27-28. Feb.1952. 24 T684
Livestock.

67242 TERENT'EV, S. M. Experiment in pedigree breeding work on a camel raising farm. (In Russian.) Konevodstvo 21(11):20-23. Nov.1951. 42.8 K832

67243 WINNIGSTEDT, R. Wie können wir die Deutsche Gesellschaft für Züchtungskunde fördern? Tierzüchter 4:277-278. June 5,1952. 49 T445

67244 WINNIGSTEDT, R. Die leistungsprüfungen der deutschen tierzucht. Deut. Landwirt.-Gesell. Mitt. 67:302-304. May 3,1952. 18 N39

67245 WITT, M. Nah- und fernziele der deutschen tierzucht. Deut. Landwirt.-Gesell. Mitt. 67:301-302. May 3,1952. 18 N39

FEEDS AND FEEDING

67246 ACKERSON, C. W. Something they ate? Feed Age 2(5):27-28. May 1952. 389.78 F327
Livestock and poultry poisoning through carelessness in handling poisonous compounds.

67247 ALFONSO, C. D'. The indisputable efficiency of mineral salts in the feeding of livestock. (In Italian.) Agr. Molisana 3(1):2-3. Jan.1952. 16 Ag8267

67248 ALONSO MUNOZ, A. Rendimiento de los piensos. B. de Divulg. Ganad. [Ciudad Real] 6(64/66):9-12. Oct./Dec.1951. 49.9 Sp14

67249 ANGOLA. SERV. DE VETERINARIA E INDÚSTRIA ANIMAL. Prospecção pastoril na região Oncócua-Pediva [A survey of ranges in the Oncócua-Pediva region]. Pecuária 1950(spec.no.),128 p. 1951. 49.9 An4

67250 BAGUE, J. Vocabulario práctico y técnico sobre alimentos y veterinaria. Almanaque Agr. Nac. 1952:179-181,183-186,188-194,196-201,203-206,208-214, 216-228,230-231. 8 AL64

67251 BARNETT, A. J. G., and MILLER, T. B. The laboratory determination of the protein digestibility of silage. J. Agr. Sci. 41:317-321. Oct.1951. 10 J822

67252 BARNETT, A. J. G., MILLER, T. B., and DODSWORTH, T. L. Studies on the composition and nutritive value of three silages made from the same clover-grass crop. Brit. Grassland Soc. J. 7:15-20. Mar.1952. 60.19 B773

67253 BARNETT, A. J. G. Studies on the formation of lactic acid in the fermentation of clover-grass mixtures. J. Sci. Food & Agr. 3:199-205. Ref. May 1952. 382 So12

67254 BATTISTELLI, E. Chemistry and mechanics in forage preservation. (In Italian.) Terra e Sole 117: 177. May 1952. 16 T273
Ensiling and drying.

67255 BEL'KOV, E. Green feed supply on a collective farm in the Ural Area. (In Russian.) Kolkhoz. Proizvodstvo 12(4):37-39. Apr.1952. 281.8 K83

67256 BERNARD, E. L'utilisation de l'orge pour l'alimentation rationnelle du bétail. Rev. Agr. de l'Afrique du Nord 50:152-156. Feb.29,1952. 80 R326

67257 BERT, H. H., and others. The comparative nutrient content of field-cured and barn-cured alfalfa hay. J. Anim. Sci. 11:400-418. Ref. May 1952. 49 J82
H. H. Mitchell, F. M. Crawford, and E. W. Lehmann, joint authors.

67258 BOSTICCO, A. Grape byproducts in the feeding of livestock. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:149-151. (Cont.) Apr.1952. 16 C72

67259 BREIREM, K. Hay quality. (In Norwegian.) Landbrukstidende 58:250-251. Mar.26,1952. 11 L236

67260 BROWN, W. O. Losses during the conservation of grassland herbage as molassed and mineral acid silage. North. Ireland. Min. Agr. Res. & Expt. Rec. 1951: 32-43. Ref. 1952. 10 N81R

67261 BUIATTI, P. G. Proper and economic utilization of forages in Grosseto. (In Italian.) Agr. Tosc. 7: 109-114. Apr.1952. 16 Ag827

67262 BURKITT, W. H. Research wastes no time getting into the bag; latest nutritional developments by workers in experiment station, commerical laboratories, available in today's formulas. West. Feed & Seed 7(5): 24,58. May 1952. 389.78 W52

67263 CHEVRETTE, J. E. Pourquoi faut-il ensiler du foin? Terre de Chez Nous 24(17):7,10. June 18, 1952. 7 T27

67264 COLLINS, R. Grass silage, is it a more dependable way to harvest your forage crops? Mo. Farmer 44(5):3,14. May 1952. 6 M696

67265 COOPER, M. M. More meat, milk and eggs from less concentrates. Gt. Brit. Min. Agr. Agriculture 59:55-59. May 1952. 10 G79J

67266 COSSETTE, M. L'ensilage des foins verts a fait ses preuves. B. des Agr. 34,i.e.48(5):18,87. May 1952. 7 B872
Preparation.

67267 CRAIG, J. Communal grass drying at Stoke Heath, Bromsgrove. Worcestershire Agr. Chron. 20: 119,121,123,125,127. Feb./May 1952. 10 W892

67268 DIEDERICHS, H. Gleitschnellbau, eine neue methode für den bau von gärfutterbehältern. Praxis u. Forsch. 4:51-52. Apr.20,1952. 18 P89

67269 ENGEL, R. W., and ALEXANDER, H. D. Prevention of nutritional edema with vitamin B_{12} and folic acid. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11: 441-442. Mar.1952. 442.9 F31P

67270 ESPOSITO, R. G., and WILLIAMS, W. L. Stability of various penicillin salts used for growth promotion in animal feeds. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:208-209. Mar.1952. 442.9 F31P

67271 FARIS, L. M. Dehydrated alfalfa; its values and use in feeds. Feedstuffs 24(20):30-36. May 17, 1952. 286.81 F322

67272 FLIEG, O. Der nutzen des anwelkenlassens für die grünfuttersilage. Grünland 1:48-49. In Tierzüchter 4(11). June 5,1952. 49 T445

67273 FORD, J. E., KON, S. K., and PORTER, J. W. G. Cobalt in ruminant nutrition. Chem. & Indus. 22:495. Ref. May 31,1952. 382 M31C

67274 FREDERIKSEN, H. Utilization of first growth of alfalfa. (In Danish.) Dansk Landbr. 71:251-252. May 29,1952. 280.28 V91
As feed.

67275 FRENCH, C. E., and others. Dietary fat and carbohydrate in reproduction and lactation. (Abs.) Fed Amer. Soc. Expt. Biol. Fed. Proc. 11:443. Mar.1952. 442.9 F31P

R. H. Ingram, L. K. Knoebel, and R. W. Swift, joint authors.

67276 GIROUD, P. La farine de luzerne déshydratée, condiment biocatalyseur. Porc 23(4):31-33. Apr.1952. 46.8 P822

67277 GRAU, C. R. Fish proteins as amino acid sources for animal feeding. Feedstuffs 24(21):12,56-57. May 24,1952. 286.81 F322

67278 GRAU, C. R. Research on fish proteins for animal feed needed. West. Feed & Seed 7(5):27,45. May 1952. 389.78 W52

67279 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Sugar beet tops for feeding green. Gt. Brit. Min. Agr. & Fisheries. Adv. L. 356,3 p. Mar.1952. 10 G79La

67280 GRÜNEBERG, J. Konzentrierte hackfruchtstärkewerte. Deut. Landwirt.-Gesell. Mitt. 67:279-280. Apr.26,1952. 18 N39

In feeds.

67281 GUICCIARDINI, R. Difficulties and possibilities of livestock watering in the Province of Grosseto. (In Italian.) Agr. Tosc. 7:129-132. Apr.1952. 16 Ag827

67282 HAMILTON, R. A. Keep it dry. Farmer Wk. [London] 36(21):68-69. May 23,1952. 10 F2226

Silage preparation.

67283 HOVE, E. L. Effect of yeast on biological activity of vitamin A and β-carotene. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:446-447. Mar.1952. 442.9 F31P

67284 HUSSAIN, A., HALIM, A., and WAHHAB, A. Chemical composition and the feeding value of cottonseed hulls. J. Agr. Sci. 41:379-382. Ref. Oct.1951. 10 J822

67285 JOHNSON, E. L. More corn with soybean oil meal. Feedstuffs 24(24):12-13. June 14,1952. 286.81 F322

As livestock feed.

67286 JORISSEN. Gutes gärfutter mit wenig mitteln. Deut. Landwirt.-Gesell. Mitt. 67:278. Apr.26, 1952. 18 N39

67287 JUCKER, H. Über die beifütterung von wuchsstoffen und antibiotika. Vorläufige stellungnahme. Schweiz. Landwirt. Monatsh. 30:78-80. Feb.20,1952. 17 Sch93

67288 KNODT, C. B. The "whys" on making grass silage with sulphur dioxide. Pa. Farmer 146:468,501. May 24,1952. 6 P383

67289 LEDENT. Le foin et l'ensilage vert de qualité; voilà l'alimentation économique. I-II. Sillon Belge 22(510):1,3; (511):12. May 24-31,1952. 13 Si3

67290 LEDENT. La pratique des productions fourragéres et de leur conservation. Sillon Belge 22(506):5. (Cont.) Apr.26,1952. 13 Si3

Includes estimation of requirements.

67291 LINDAHL, I. L., and others. Feeding qualities for livestock of distiller's corn byproducts from fungal amylase-converted mashes, compared with those from malt amylase-converted mashes. U. S. D. A. Tech. B. 1053,31 p. Ref. 1952. 1 Ag84Te

R. E. Davis, J. L. Milligan, N. R. Ellis, H. R. Bird, J. W. Stevenson, and L. J. Machlin, joint authors.

67292 LINDSAY, G. The use of cactus as stock food. Desert Plant Life 24:4-6. Jan.1952. 450 D45

67293 LIPPMANN, K. Art der heuwerbung und betriebserfolg. Grünland 1:46-47. In Tierzüchter 4(11). June 5,1952. 49 T445

67294 LUBICH, H. Stiefkind milokorn. Salzburger Bauer 7(18):1. May 1,1952. 19 Sa3

Composition and value as feed.

67295 MOORE, I. Quality in winter fodder. Farmer & Stock-Breeder 66(3265):41. May 20,1952. 10 F228

67296 NASCIMENTO, C. B. Importance of water in the health of animals. (In Portuguese.) Selec. Agr. 7(71) 47-48. Mar.1952. 9.2 Se4

67297 NAUDE, C. P., and VAN ZIJL, J. P. The toxicity of pastures after treatment with locust poison. I-II. Union So. Africa. Dept. Agr. Sci. B. 326,22 p. Ref. 1952. 24 So84S

I, The toxicity of treated pastures; II, Arsenic absorption from the soil.

67298 NORRIS, L. C. Newer nutritional developments of importance to feed manufacturers. Distillers Feed Conf. Proc. 7:88-102. Ref. 1952. 389.79 C765

67299 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Silo filling hints. North. Ireland. Min. Agr. Mon. Agr. Rpt. 27:9-11. May 1952. 256.13 Ag82M

67300 NULLMANN. Gärfutter in der prüfung. Landwirt. Z. der Nord-Rheinprov. 119:450-451. May 3, 1952. 18 L2344

67301 OLIVE, J. P. Les principaux aliments de nos animaux: les tourteaux. Monit. du Prog. Agr. et Vitic. 5(210):4; (211):4. (Cont.) May 4-11,1952. 14 M744

France.

67302 OWENS, J. S. Preserving grasses and legumes as silage. Conn. Agr. Col. Ext. Folder 53,6 p. June 1951. 275.29 C76Ex

67303 PATERSON, R. How we make long grass silage. Farmer's Advocate & Canad. Countryman 87 (3423):24-25. May 24,1952. 7 F22

Trench and stack methods.

67304 QUACKENBUSH, F. W. What the laboratory can learn about feed. Feedstuffs 24(21):24-26,44. May 24,1952. 286.81 F322

67305 RASTEN, J. Turnips and green feed as a supplementary feed for livestock grazing on fall pastures. (In Norwegian.) Norsk Landbr. 18:171-172. May 9,1952. 11 N8122

67306 RICHTER, K., and BECKER, M. Die ernährung der landwirtschaftlichen nutztiere. Handb. der Landwirtschaft 3:225-336. 1951. 30 H193

67307 SERVICIOS AGRONÓMICOS DEL NITRATO DE CHILE. El yodo, fuente de salud. Madrid,1951? 20 p. 389.7 Se6

For livestock.

67308 SHEEHY, E. J. Winter fodder problems. Agr. Ireland 9:131-133. June 1952. 10.5 Ag8

67309 SIMONS, H. M. Antibiotics: what they will do for livestock. Farm & Ranch—South. Agr. Upper So. Ed. 82(6):12. June 1952. 6 T31

67310 SNIDER, H. J. There is quality in silage corn, too. Hoard's Dairyman 97:508. June 10,1952. 44.8 H65

67311 SOMMERFELD, K. Wissenschaft lehrt gesunde viehhaltung—versorgung der tiere mit vitamin D. Deut. Landwirt. 3:203-205. Apr.1952. 18 D4822

67312 SUSINI, A. The technique of harvesting and preserving forage plants in Maremma and its effects on the nutritive value of hays. (In Italian.) Agr. Tosc. 7: 133-135. Apr.1952. 16 Ag827

67313 TALLARICO, G. Cheaper production of meat. (In Italian.) Terra e Sole 117:160. May 1952. 16 T273

Vitamin B_{12} and antibiotics for meat animals.

67314 TALLARICO, G. Vitamin B_{12} + antibiotic = food savings. (In Italian.) Alimentazione 1:37-41. Dec. 1951. 389.8 AL45

In livestock nutrition.

67315 TIEWS, J. Das verhalten des provitamin A (carotin) wirtschaftseigener futterpflanzen bei deren künstlicher trocknung. Deut. Landwirt. Gesell. Mitt. 67: 334-335. May 10,1952. 18 N39

67316 TRACEY, A. B. K. 1950 silage costs. Scot. Dept. Agr. Farm Econ. 23:9-11. Spring 1952. 281.9 Sco3F

Scotland.

67317 URBAN, H. Flachsilierung ist kein behelfsverfahren. Landwirt. Wchnbl. 142:618. May 31,1952. 18 L2338

67318 VAN ROOYEN, J. H., and ALEXANDER, J. New process turns old thatch into sweet feed. Straight Furrow 11(6):3,5. Apr.1,1952. 281.8 St8

Ritter fermentation process.

67319 VIKTOROV, P. I. Hulls from uncrushed cottonseeds as feed for livestock. (In Russian.) Sotsialist. Zhivotnovod. 13(11):81-82. Nov.1951. 49 So71

67320 VILLENEUVE, P. Quelques précautions à prendre avant de conduire les animaux au pâturage. B. des Agr. 34,i.e.48(5):103,108. May 1952. 7 B872

67321 VOGEL, H. Systeme und hilfsmittel zur vereinfachung der futterberechnung. Deut. Landwirt. Gesell. Mitt. 67:339-340. May 10,1952. 18 N39

67322 WILCOX, C. G. The handling of cane feed molasses. Calif. Cattleman, June 1952:16-17. 43.8 C12

67323 WURTZ, B. Conservation de la luzerne dans l'ensilage par voie microbiologique. Inst. Natl. Agron. Ann. 38:51-61. Ref. 1951. 105.3 In8

67324 ZACHRISON, S. No method is superior to another. (In Swedish.) Lantmannen 36:311-320. Apr.19, 1952. 11 L234
Silage preparation.

67325 ZUPPKE, H. Die bedeutung der kräuter auf dem grünland. Deut. Landwirt. 3:197-198. Apr.1952. 18 D4822
Nutritive value.

VETERINARY MEDICINE

67326 ABREU, E. F. DE. Brucellosis in livestock species. (In Portuguese.) Gaz. do Agr. 4:60. (Cont.) Mar.1952. 24 G25
Mozambique.

67327 AMERICAN CYANAMID CO. LEDERLE LABORATORIES DIV. Aureomycin on the farm. Anim. Indus. Newslet. 6(4):1-9. Apr.1952. 41.8 Sci2
For animal diseases.

67328 ANGELOV, S., and others. Bibliografiîa na Bŭlgarskata mikrobiologiîa, imunologiîa i zarazni bolesti za perioda 1879-1950 [Bibliography of Bulgarian microbiology, immunology and infectious diseases during the years 1879-1950]. Sofiîa,1951. 123 p. (Bŭlgarska Akademiîa na Naukite. Mikrobiologicheski Institut. Trudove 5) 448.39 B87T
I. Kufumdzhiev, P. Panaiotov, and I. Grigorov, joint authors.
Includes livestock diseases.

67329 ANGULO, A. La fiebre aftosa en el Perú. Vida Agr. [Lima] 29:187,189. Mar.1952. 9.8 V66

67330 ANREITER, J. Maul- und klauenseuche auf alm und weide. Bauer 5(18):2-3. May 3,1952. 19 B32
Austria.

67331 ARNAO MENDOZA, M. Parásitos identificados en el Instituto Nacional de Biología Animal, 1946-1951. Inst. Nac. de Biol. Anim. Rev. 2(2/3):76-81. Dec. 1951. 442.9 L62R
Includes insect pests.

67332 BAGEDDA, G. General adaptation syndrome and disease of adaptation in veterinary medicine. (In Italian.) Clin. Vet. 75:51-54. Feb.1952. 41.8 C61

67333 BAILEY, J. The uninvited guests. Farm Q. 7(2):58-61,115-119. Summer 1952. 6 F22995
Worms in livestock.

67334 BAILEY, J. W. The right way to treat wounds. Successful Farming 50(6):56,58-59. June 1952. 6 Su12

67335 BANKS, A. W. Some animal parasites of the Northern Territory, and some remarks. Austral. Vet. J. 28:108-110. Apr.1952. 41.8 Au72

67336 BARNER, R. D. Anthrax. M.S.C. Veterinarian 12:166. Spring 1952. 41.8 M582
Recent outbreaks.

67337 BARRON, H. T., and JONES, H. Plans of a large and small animal hospital. Amer. Vet. Med. Assoc. J. 120:359-365. June 1952. 41.8 Am3

67338 BARSUKOV, N. A. Treatment of wounds in animals with ultraviolet rays. (In Russian.) Veterinariîa 29(1):49-52. Jan.1,1952. 41.8 V6426

67339 BATU, S. The Madrid Veterinary Congress of Zootechnics. (In Turkish.) Türk Vet. Hekimleri Derneği. Dergisi 21:257-265. Dec.1951. 41.9 T84

67340 BIANCHI, E. Botulism in domestic animals (a comprehensive review). II. (In Italian.) Clin. Vet. 75:102-118. Apr.1952. 41.8 C61

67341 BURTON, W. E. Los animales y la terapéutica. Almanaque Agr. Nac. 1952:124-126. 8 AL64
Immunization.

67342 CALIFORNIA. BOARD OF EXAMINERS IN VETERINARY MEDICINE. Directory and report. Ed. 3. Sacramento,1952. 41 p. 225 C1224

67343 CRAMPTON, E. W. Digestion et utilisation des protéines. Ferme 13(7):34-35,40. Mar.1952. 7 F38
In livestock.

67344 DAVIDSON, J. L. Neomycin sulfate in veterinary dermatology and ophthalmology. Vet. Med. 47:239-241. June 1952. 41.8 M69

67345 EMMERSON, M. A. Ten years of progress by the Research Council of the American Veterinary Medical Association. Amer. Vet. Med. Assoc. J. 120:341-358. June 1952. 41.8 Am3

67346 ENIGK, K. Pathogenität und therapie des strongyloidesbefalles der haustiere. Monatsh. f. Prakt. Tierheilk. (n.s.)4:97-112. Ref. 1952. 41.8 M74

67347 FLÜCKIGER, G. Neuere erfahrungen im kampfe gegen die maul- und klauenseuche. Grüne 80: 518-523. May 9,1952. 17 Sch9

67348 FOLLEY, S. J. Aspects of fat metabolism in the ruminant with special reference to the biosynthesis of milk. (Abs.) Biochem. J. 51:xv. May 1952. 382 B52

67349 FRASER, A. Less slaughter and more restriction. Farmer & Stock-Breeder 66(3266):53. May 27, 1952. 10 F228
Foot-and-mouth disease control in Great Britain.

67350 FRAUCHIGER, E. Uber nervenkrankheiten bei haustieren und aus der vergleichenden neurologie. Wien. Tierärztl. Monatsschr. 39:265-272. May 1952. 41.8 T345
English summary.

67351 FRONTINI, C. A. Raquitismo y osteomalacia. Cuba Ganad. 12(8):25-27. Apr.1,1952. 49 C89

67352 GIBBONS, W. J. New diseases in Alabama. Auburn Vet. 8:155-157. Spring 1952. 41.8 Au1

67353 GRAF, H. Das bundesgesetz über die betäubungsmittel vom 3. Oktober 1951, dessen vollziehungsverordnung vom 4. März 1952 und ihre anwendung innerhalb der tierärztlichen praxis. Schweiz. Arch. f. Tierheilk. 94:203-208. Apr.1952. 41.8 Sch9

67354 GUIJO SENDRÓS, F. Curaban alguna enfermedad del ganado los albeytares del siglo XV. B. de Divulg. Ganad. [Valladolid] 8:309-316. Sept.1951. 49.9 Sp12

67355 HORNER, W. H. Foot-and-mouth disease. Saskatchewan Assoc. Rur. Munic. Rpt. 47:27-31. 1952. 281.9 Sa72

67356 HÖRTER, R. Stellungnahme zu dem artikel von W. Beyer, Oldenburg: "Zum mikroskopischen Nachweis der Trichomonas fetus mittels der Fluoreszenzmikroskopie." Tierärztl. Umschau 7:208. June 1952. 41.8 T445

67357 HUNT, C. H., BENTLEY, O. G., and HERSHBERGER, T. Factors affecting the synthesis of certain members of the vitamin B-complex in an artificial rumen. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:233-234. Mar.1952. 442.9 F31P

67358 HUTSCHENREITER, C. Tetanus und Epiphysan G. Richter. Schweiz. Arch. f. Tierheilk. 94:214-227. Ref. Apr.1952. 41.8 Sch9
English summary.

67359 INNES, J. R. M. Cancer. No. Amer. Vet. 33: 414-416. June 1952. 41.8 N812

67360 JACOB, E. Von der tollwut beim menschen und bei tieren. Kosmos 48:111-113. Mar.1952. 474 K842

67361 KALUSCH, A. Stand der tierkörperbeseitigung und tierkörperverwertung in Osterreich. Wien. Tierarztl. Monatsschr. 39:288-299. May 1952. 41.8 T345
English summary.

67362 KAMETAKA, M., and HORIKAWA, H. Studies on the artificial digestion assay, a preliminary report: on the power of the digestive enzyme preparations of the domestic animal. Tohoku J. Agr. Res. 2:53-61. Ref. Oct. 1951. 22.5 T574

67363 KARPIN, Z. N., and GERMAN, A. N. Reservoir for the application of cold or heat. (In Russian.) Veterinariîa 29(1):57-59. Jan.1,1952. 41.8 V6426
Equipment.

67364 KIRK, H. Modern methods of fracture repair in large and small animals. Vet. Rec. 64:319-329. May 31,1952. 41.8 V641
Includes discussion.

67365 KONDE, W. N. Antibiotic combination. Auburn Vet. 8:161-162. Spring 1952. 41.8 Au1

67366 KOROPOV, V. M. Veterinary medicine in the first years of the Soviet Power (1917-1920). (In Russian.) Veterinariîa 29(1):8-18. Jan.1,1952. 41.8 V6426

67367 KRAUME. Wie soll die virusforschungsanstalt gestaltet werden? Tierzüchter 4:282-284. June 5,1952. 49 T445

67368 KRILL, W. R. Statement to Senate Sub-Committee on Armed Services relative to incentive pay for officers of medical, dental, and veterinary corps. Fed. Vet. 9(3):1-2. May 1952. 41.9 N212Na

67369 KUDRIAVTSEV, A. A. Utilization of principles of Academician I. P. Pavlov's teaching in veterinary science and practice. (In Russian.) Veterinariia 29(4):6-13. Apr.1952. 41.8 V6426

67370 KUZ'MICHEV, A. V. Method of differential counting of leukocytes in the counting office. (In Russian.) Veterinariia 29(4):57, Apr.1952. 41.8 V6426

67371 KUZ'MINOV, P. I. Utilization of Eucalyptus tincture in purulent processes. (In Russian.) Veterinariia 29(1):44-49. Jan.1,1952. 41.8 V6426
Treatment of wounds in livestock.

67372 LAGRANGE, W. E. The effects of environmental heat on domestic animals. Pa. U. Sch. Vet. Med. Vet. Ext. Q. 127:105-112. Ref. June 10,1952. 41.9 P386

67373 LANFRANCHI, A. The forms of foot-and-mouth disease: pure, conditioned, and of complex etiology. (In Italian.) Allevatore 8(16):3. Apr.20,1952. 49 AL55

67374 LAPI, A., DAVIS, C. L., and ANDERSON, W. A. The gasserian ganglion in animals dead of rabies. Amer. Vet. Med. Assoc. J. 120:379-384. Ref. June 1952. 41.8 Am3

67375 LEBEAU, L. J., and others. The in vitro sensitivity to terramycin of bacteria isolated from small animals. Cornell Vet. 42:200-206. Ref. Apr.1952. 41.8 C81
E. Bond, J. Banicki, and M. Novak, joint authors.

67376 LUHRS. Wie wird es mit der maul- und klauenseuche? Landwirtbl. Weser-Ems 99:465-466. May 8,1952. 18 L2345

67377 MCFARLANE, D. Veterinary diagnostic services and primary production. New Zeal. Soc. Anim. Prod. Proc. 11:57-61. 1951,pub.1952. 49.9 N483
Of the Animal Research Station at Wallaceville.

67378 MARCENAC. La chirurgie vétérinaire actuelle; matériel-techniques; applications spéciales aux Territoires d'Outre-Mer. Nouvelle Rev. Franc. d'Outre-Mer (n.s.)44:84-85. (Cont.) Apr.1952. 280.8 B873

67379 MARKOV, A. A. Results and problems of scientific-research work on protozoan diseases (Haemosporidia). (In Russian.) Veterinariia 29(4):17-23. Apr. 1952. 41.8 V6426
Includes ticks as vectors.

67380 MARTZ, G. Foot and mouth disease. Nation's Agr. 27(6):16-17. June 1952. 280.82 B89

67381 MELLO, A. T. DE. A little physiology. II. (In Portuguese.) Selec. Agr. 7(71):17-18. Mar.1952. 9.2 Se4
Animals.

67382 MONNEZIN, E. Aspects of epizootic foot and mouth disease and veterinary policy. (In Italian.) Cam. di Com. Indus. e Agr. Vicenza. Not. Econ. 7(7):5-6. Apr.1,1952. 287 V662

67383 NATIONAL VETERINARY MEDICAL ASSOCIATION OF GREAT BRITAIN AND IRELAND. Handbook on the handling of animals and first aid. London,Baillière,Tindall and Cox,1951? 172 p. 41 N219

67384 NETCHAEV, P. Fiebre aftosa o glosopeda. Agr. Costarricense 10:62-66. Mar.1952. 8 Ag895

67385 NORDBERG, B. Studies of bacillus anthracis in regard to its properties of diagnostic and pathogenetic inportance. Sweden. Vethögsk. Meddel. 25(7),116 p. Ref. 1950/51,pub.1952. 41.9 St6M
Akad. avhandling-Stockholm.

67386 OFF. INTERNATIONAL DES EPIZOOTIES. Statistiques (année 1951). Off. Internatl. des Epiz. Statis. 21:373-492. 1951. 41.8 Of2S
Includes diseases of bees.

67387 OFFUTT, A. C. Anthrax. Ind. State Bd. Health. Mon. B. 55:59,69. Mar.1952. 449.7 In2M
In man and animals in Indiana.

67388 OGANESIAN, P. A. Utilization of Eucalyptus in veterinary practice. (In Russian.) Veterinariia 29(4): 54-56. Apr.1952. 41.8 V6426

67389 OREKHOV, M. D. Dipetalonematosis in camels in Turkmenian SSR and measures for controlling it. (In Russian.) Veterinariia 29(4):28-30. Apr.1952. 41.8 V6426
Dipetalonema ewansi.

67390 ORGANISATION FOR EUROPEAN ECONOMIC COOPERATION. FOOD AND AGRICULTURE COMMITTEE. The control of livestock diseases in European countries. Technical Assistance Mission 63,80 p. Paris,1952. 41 Or32

67391 ORLOV, P. T. Measures for the control of rabies. (In Russian.) Veterinariia 29(1):39-42. Jan.1, 1952. 41.8 V6426

67392 ORTIZ ARRUFAT, O. El brote de fiebre aftosa en el Canadá y nuestra constante preocupación por la importación de ganado y carnes. Rev. Ganad. [Habana] 12(4):41-42. Apr.1952. 49 R321

67393 POLIAKOV, D. K. For closer ties between veterinary medicine and production. (In Russian.) Dostizheniia Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1: 68-73. Jan.1952. 20 D742
All-Union Conference of scientific workers and veterinarians.

67394 POPENOE, W. El aborto contagioso. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Almanaque Agr. de la Repúb. 1952:24. 8 D714

67395 QUIN, A. H. Anthrax! Jen-Sal J., June 1952: 4-7. 41.8 J45

67396 ROBERTS, C. S. Estimation of urea retention. Auburn Vet. 8:158-160. Spring 1952. 41.8 Au1

67397 SAFFORD, J. W. Brucellosis eradication. Mont. Farmer-Stockman 39(16):44. Apr.15,1952. 6 M764

67398 SAFFORD, J. W. Prevent! prevent! prevent! key to livestock health. Mont. Farmer-Stockman 39(17): 44. May 1,1952. 6 M764

67399 SAFFORD, J. W. What you'll want to know about foot-and-mouth disease. Mont. Farmer-Stockman 39(14):10,37. Mar.15,1952. 6 M764

67400 SASSO, A. DAL. Abortion in livestock. (In Italian.) Agr. Vicentina 82(22):6; (23):2. Nov.15-Dec.1, 1951. 16 Ag8257

67401 SASSO, A. DAL. Piroplasmosis. (In Italian.) Agr. Vicentina 82(17):2-3. Sept.1,1951. 16 Ag8257

67402 SCHELLNER, H. Studienreise nach USA zum studium der tierseuchenbekämfung und der veterinärmedizinischen einrichtungen. Germany. Land- u. Hauswirt. Auswertungs-Informdienst. Ber. über Ergeb. des Programmes f. Tech. Hilfeleist. 6,56 p. 1951. 280.9 G317

67403 SCHOOP, G. Probleme der jungtierkrankheiten. Berlin. u. Münch. Tierärztl. Wchnschr. 65:81-84. May 1952. 41.8 B45

67404 SCHWARTE, L. H., MATHEWS, J., and PARCHEN, F. R., JR. High-speed shell freezing for lyophilization. Cornell Vet. 42:196-199. Apr.1952. 41.8 C81
In storage of viruses, etc.

67405 SEIDEN, R. Basic facts about sulfa therapy. Haver-Glover Messenger 32(5/6):9-11,42-43. May/June 1952. 41.8 H29

67406 SETAIRE, A. Les peintures à l'eau insecticides et microbicites. Fruits et Primeurs de l'Afrique du Nord 22:156-158. Apr.1952. 80 F9482
For livestock.

67407 SHILKIN, J. Recent advances in veterinary medicine. West. Austral. Dept. Agr. J. (n.s.)1:47-52. Jan./Feb.1952. 23 W52J

67408 SHMAKOV, N. P. Conference of veterinary specialists in Kalinin Region. (In Russian.) Veterinariia 29(1):61-63. Jan.1,1952. 41.8 V6426

67409 SHUSTOVSKII, F. A. Experiment in utilization of "ASD" preparation [Dorogov's antiseptic stimulator]. (In Russian.) Veterinariia 29(4):49-51. Apr.1952. 41.8 V6426

67410 SMEL'NITSKII, V. P. Kostroma Regional Veterinary Polyclinic. (In Russian.) Veterinariia 29(4): 14-16. Apr.1952. 41.8 V6426

67411 SOKOLOWSKYJ, W. Uber die herkunft und die nomenklatur der gonadotropen hormone: zugleich eine stellungnahme zur veröffentlichung von Rattenhuber in der Dtsch. Tierärztl. Wschr., 1951, 240. Deut. Tierärztl. Wchnschr. 59:132-135. May 1,1952. 41.8 D482

67412 SOLIMAN, K. N. Observations on the survival on pasture of preparasitic stages of Dictyocaulus viviparus in southern England. I-II. Brit. Vet. J. 108:167-172, 204-213. Ref. May-June 1952. 41.8 V643

67413 SPATARO, C. Problems of livestock nutrition: intoxication from the young sorghum plant. (In Italian.) Italia Agr. 89:260-262. Apr.1952. 16 It1

67414 STABLEFORTH, A. W. Brucellosis in animals and man. Roy. Soc. Med. Proc. 45:79-86. Ref. Feb.1952. 448.9 R814

67415 STELLETSKIĬ, V. I., and IPPOLITOV, M. S. Utilization of garlic and onion in veterinary surgery. (In Russian.) Priroda 40(11):57-59. Nov.1951. 410 P933

67416 STOUT, L. Chronology of foot and mouth disease. Canad. Cattlemen 15(5):41. (Cont.) May 1,1952. 49 C16

67417 STREET, A. G. Are these measures really adequate? Farmers Wk. [London] 36(20):55. May 16, 1952. 10 F2226
To prevent foot-and-mouth disease.

67418 TAVONI, V. Lipotropic substances in comparative medicine. (In Italian.) Riv. di Med. Vet. e Zootec. 4: 1-18. Ref. Jan./Feb.1952. 41.8 R522

67419 THOMAS, J. L. Diseases of animals law, together with several kindred subjects. Ed. 2. London, Police Review Pub. Co.,1951. 96 p. 41.5 T36

67420 TIMMERMANS, J. Livestock feeding in new paths. IV. Importance of microbiological life in the paunch of ruminants. (In Dutch.) Boer en Tuinder 6(270): 15. Apr.5,1952. 12 B632

67421 TODD, F. A. The veterinarian in civil defense. U. S. Armed Forces Med. J. 3:685-688. May 1952. 159 Un3

67422 U. S. DEPT. OF AGRICULTURE. Index-catalogue of medical and veterinary zoology. 17. Authors: U to WYVILLE, by A. Hassall, M. A. Doss, and J. M. Humphrey. Washington,1952. p. 5211-5608. 1 An5Ind

67423 VESELOVA, T. P. Effect of piroplasmin on the motoricity of the gastro-intestinal tract in farm animals. (In Russian.) Veterinariîà 29(4):51-54. Apr.1952. 41.8 V6426

67424 VOUTE, E. J. Vivisection. Veteran 2:110-111, 113. Spring 1951. 41.8 V6493

67425 VUILLAUME, R. Les intoxications d'origine alimentaire par les produits chimiques chex les animaux. Rec. de Méd. Vét. 127:709-732. Nov. 1951. 41.8 R24

67426 WEST, G. Anthrax disease strikes Midwest. Mo. Rur. 93(10):3. May 24,1952. 6 R8891
Appearing in Kansas, Missouri, Indiana, Ohio and Illinois due to infected bonemeal products.

67427 WEYL. Die tollwut im lande Niedersachsen im jahre 1951. Deut. Tierärztl. Wchnschr. 59:148-152. May 15,1952. 41.8 D482

67428 WHEELER, A. C. Radiology. M.S.C. Veterinarian 12:135,165. Spring 1952. 41.8 M582

67429 WILDING, J. L., SIMONS, C. S., and RUST, J. H. A multicurie irradiation site for exposure of large animals to whole-body gamma irradiation. Nucleonics 10(5):36-40. May 1952. 334.8 N88

MISCELLANEOUS

67430 ALI, S. M. Some aspects of animal ecology (animal numbers). Coop. & Mktg. Rev. 6:15-17. Jan.1952. 280.28 C78243

67431 ARRIBAS ARRANZ, F. El desarrollo de la ganadería bajo los Reyes Católicos. B. de Divulg. Ganad. [Valladolid] 8:338-342. Sept.1951. 49.9 Sp12

67432 BARAT, A. G. Le concours d'animaux à la seconde exposition de l'agriculture de Paris (mars 1952). Agriculture [Paris] 16:103-106. Apr.1952. 14 Ag823

67433 BLOMKVIST, M. S., ed. Osnovy zhivotnovodstva; zoominimum [Principles of animal husbandry]. Moskva,Gos. Izd-vo Selkhoz Lit-ry,1952. 446 p. (Trëkhletnie Agrozootekhnicheskie Kursy. 1st Year of Study) 40 B622

67434 BORKOV, N., ed. Opyt kostromskikh zhivotnovodov [Practices of livestock raisers of Kostroma region] Nerekhta,Kostromskoe Obl. Gos. Izd-vo,1951. 117 p. 40 B647

67435 BRINEGAR, T. Concerted effort of all poultry and livestock people urged at Purdue Conference; National Institute of Animal Agriculture holds second annual meeting. Feed Age 2(5):33-34. May 1952. 389.78 F327

67436 BUCHLMANN, E. Der sinn des gehorsams, eine tierpsychologische studie. Wien. Tierärztl. Monatsschr. 39:308-314. Ref. May 1952. 41.8 T345

67437 CALIFORNIA STATE AGRICULTURAL SOCIETY. Livestock, premium list 1951. Sacramento,1951. 163 p. 40.06 C12L

67438 CANADA. EXPERIMENTAL FARMS SERV. CENTRAL EXPERIMENTAL FARM, OTTAWA. ANIMAL HUSBANDRY DIV. Progress report 1937-1949. Ottawa,1952. 116 p. 101 Ex6R

67439 CASTEJÓN Y MARTINEZ DE ARIZALA, R. La ganadería española en la baja Edad Media. B. de Divulg. Ganad. [Valladolid] 8:273-275. Sept.1951. 49.9 Sp12

67440 CUENCA, C. L. DE. Los Reyes Católicos y la ganadería. B. de Divulg. Ganad. [Valladolid] 8:320-323. Sept.1951. 49.9 Sp12

67441 ESTEBAN, M. La ganadería vallisoletana. Cooperación [Madrid] 121:24-25. Mar.1952. 280.28 C7875

67442 ETIGNY, J. D'. Las exposiciones ganaderas y los registros genealógicos del ganado. Agr. del Norte 40,i.e.41:299-304. July/Sept.1951. 9.3 So14
Chile.

67443 FANNING, J. W. Long-lasting livestock farming. Prog. Farmer, Ga.-Ala.-Fla. Ed. 67(5):15,155. May 1952. 6 P945G

67444 FLEURY, F. Elevons de bons animaux et gardons-les sains! Terre de Chez Nous 24(13):7,14. May 21,1952. 7 T27

67445 FRASER, A. The reindeer return. Farmers Wk. [London] 36(20):62-63. May 16,1952. 10 F2226
Review of the plan to reintroduce reindeer to the Scottish Highlands. Economic assets discussed are: skins and hides, antlers, milk, manure, meat and as a draught animal.

67446 GONZALEZ DE CANALES, R. F. La ganadería y la grandeza de España. B. de Divulg. Ganad. [Valladolid] 8:333-337. Sept.1951. 49.9 Sp12

67447 HAGUE. BUR. VOOR STATISTIEK EN VOORLICHTING. 40 jaar openbaar slachthuis te 's-Gravenhage [40 years of the public slaughterhouse at 's-Gravenhage]. 's-Gravenhage,1951. p.121-151. (Its Mededelingen 5) 50.9 H12

67448 HINRICHSEN, J. K., and SUITER, J. Studienreise nach USA zum studium der tierzucht. Germany Land- u. Hauswirt. Auswertungs-Informdienst. Ber.über Ergeb. des Programmes f. Tech. Hilfeleist. 8,63 p. 1952. 280.9 G317

67449 IBAÑES IBAÑES, M. Los orígenes de la ganadería en América. B. de Divulg. Ganad. [Valladolid] 8:377-380. Sept.1951. 49.9 Sp12

67450 JOURDAIN, C. Manions le bétail avec soin. Rustica 25:499. May 25,1952. 14 R92

67451 LEROY. La production animale tunisienne et son amélioration dans l'avenir. Colon Franç. de Tunisie (ser.7)45(2243):1-3. (Cont.) May 17,1952. 24 C712

67452 NEW ZEALAND SOCIETY OF ANIMAL PRODUCTION. Proceedings, eleventh annual conference held in Wellington, May 9th, 10th and 11th, 1951. Wellington, 1952. 119 p. 49.9 N483

67453 ORENSANZ MOLINÉ, J. Evocando un singular reinado. B. de Divulg. Ganad. [Valladolid] 8:294-299. Sept.1951. 49.9 Sp12
Livestock history.

67454 PODBEREZKIN, IA. Practices of the best camel raising farm. (In Russian.) Konevodstvo 21(10):42-43. Oct.1951. 42.8 K832

67455 POTVIN, J. B. Visitons un abattoir privé. Ferme 13(7):24,89. Mar.1952. 7 F38
Canada.

67456 RICHART, A. L'exposition des races animales et de la production de la viande et du lait au Concours Général Agricole. Monit. du Prog. Agr. et Vitic. 5(209): 5. (Cont.) Apr.27,1952. 14 M744
France.

67457 SOCIEDAD GANADERA GENTE GRANDE. 46ª memoria,en 28 de septiembre de 1951. Santiago,1951. 23 p. 49.9 So153

67458 SULTANOV, M. N. Livestock raising on Kuibyshev Collective Farm [in Dmanisskii District, Georgian SSR]. (In Russian.) Sotsialist. Zhivotnovod. 13 (11):83-84. Nov.1951. 49 So71

67459 VARINGER, E. What our animals are able to do. (In Swedish.) Lantmannen 36:428-429. May 31,1952. 11 L234

CATTLE

Breeds and Breeding

67460 AMERICAN ABERDEEN-ANGUS BREEDERS' ASSOCIATION. 1951 annual report. Chicago,1951. 12 p. 43.9 Am32Ra

67461 AMSCHLER, L. Aus dem pinzgauer zuchtgebiet. Landwirt. Wchnbl. 142:503. May 3,1952. 18 L2338
Cattle.

67462 ARNIM, W. VON. Rinder- und schafzucht in Norwegen. Tierzüchter 4:214-216. May 5,1952. 49 T445

67463 ARRIBASPLATA B., C. D. Bases generales para el mejoramiento del ganado lechero. Mensajero Agr. 70:39-40. Feb.1952. 9.8 M52

67464 ASOCIACION URUGUAYA CRIADORES DE HEREFORD AMERICANO. Sugerencias y gestiones, v. 2. Montevideo,1951. 56 p. 43.9 As54

67465 BARRON, J. R. Study breed character. Ayrshire Cattle Soc. J. 24:29-30. Apr.1952. 43.8 Ay74
Cows for dairy shows.

67466 BENEZRA REVENGA, M. Tiene su ganado sangre de la raza Holstein? Almanaque Agr. Nac. 1952: 67-71. 8 AL64

67467 BERNAL, W. Chilled beef en Villavicencio. Agr. Trop. 8(4):13-15. Apr.1952. 26 Ag8
On the Romo-Sinuano breed.

67468 BERRY, J. C. Better bulls by legislation? Canad. Jersey Breeder 7(4):8,53-57. Apr.1952. 43.8 C165

67469 BOSTON, E. J. Further contacts with Jerseys in France. Jersey Cow 35:33,35. Spring 1952. 43.9 En3J

67470 BROWNE, P. Artificial breeding in Maine. Our Milk 7(7):2-3. Apr.1952. 280.28 Ou7
Cattle.

67471 BRUGGEMANN, H. Züchterische probleme der künstlichen besamung. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:611-612. Apr.17,1952. 18 L2346
Cattle.

67472 BUCHANAN-SMITH, A. D. Philosophising patiently. Jersey Cow 35:16,18-20. Spring 1952. 43.9 En3J
Breeding dairy cattle.

67473 CORTESI, A. Statement of awards and considerations on the 1st Show-Sale of Romagnola Breed of Fat Cattle. (In Italian.) Romagna Agr. e Zootec. 37(9): 1-2. (Cont.) May 1952. 16 R66

67474 CUTLER, H., and others. Angus pointers. West. Livestock J. 30(32):54-55,59-60,63,65,67-68. May 15,1952. 6 F2278

67475 DANILEVSKII, N. V. Practices of the [Trostianetskii] pedigree breeding station in mass artificial insemination of cows. (In Russian.) Sovet. Zootekh. 7: 19-24. Jan.1952. 49 So822

67476 DASSAT, P. The monozygous cattle in the Swedish experimental work. (In Italian.) Ricerca Sci. 22: 270-275. Ref. Feb.1952. 475 It1
English summary.

67477 ENGELER, W., and AMBROGIO, A. DELL'. Körpermessungen an männlichen und weiblichen heredebuchtieren des schweizerischen Braunviehs. Landwirt. Jahrb. der Schweiz. (n.s.)1:99-137. 1952. 17 L23

67478 FAGOT, V. Pour une meilleure rentabilité: la lutte contre les stérilités héréditaires. La maladie des genisses blanches. Sillon Belge 22(504):20; (505):13. Apr.12-19,1952. 13 Si3
Cattle.

67479 FARQUHA, R. C. The responsibility of the Shorthorn breeder. Shorthorn World 35(7):5,38. June 10, 1952. 43.8 Sh8

67480 GALINDO, A. Toros o bueyes? Ceres [Valladolid] 17(190):17. Apr.1,1952. 15 C33
Breeding and draft cattle.

67481 GILLESPIE, D. New cattle crosses for ranches round the bens. New Zeal. Farmer 73(3):6. Apr.10,1952. 23 N484

67482 GORIO, G. Information on artificial insemination. (In Italian.) Mondo Agr. 3(18):4. May 4,1952. 16 M74
Cattle.

67483 HANSON, D. Should you keep a bull? Successful Farming 50(6):48-49,126. June 1952. 6 Su12
Artificial insemination of dairy cows.

67484 HARRER, W. J., and HARRER, E. M. Quantity isn't enough—producers can meet quality demand through improvement. West. Livestock J. 30(32):71-72,74. May 15,1952. 6 F2278
Cattle breeding.

67485 HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA. Holstein-Friesian herd-book containing a record of all Holstein-Friesian cattle approved and admitted for entry since the close of the last volume, v. 122. Brattleboro,1952. unpaged. 43.9 H74

67486 ITZEROTT, A. G. Some overseas trends in dairy husbandry practices. Queensland Prod. 33(37):4-7. Mar.26,1952. 23 Q35
Breeding and feeding.

67487 JARDINE, J. A venture in registration. Farmer & Stock-Breeder 66(3265):37,39. May 20,1952. 10 F228
The Ayrshire Cattle Herd Book Society inaugurates a new pedigree registration certification system.

67488 JEPMA, J. Central bull selection and artificial insemination. (In Dutch.) Stamboeker 34:53. Apr.24, 1952. 43.8 V58

67489 JEPMA, J. Effect of artificial insemination on the rearing of bulls. (In Dutch.) Stamboeker 34:53-54. Apr.24,1952. 43.8 V58

67490 KALLBERG, A. Good, convenient and inexpensive service; artificial insemination in Västmanland Province. (In Swedish.) Lantmannen 36:305-306. Apr. 19,1952. 11 L234
Cattle.

67491 KENNEDY, C. Pacific Northwest, the land of Angus possibilities. Aberdeen-Angus J. 33(12):50-57,108, 110,112-113. (Cont.) July 1952. 43.8 Ab3

67492 KOCH, C. The Red Polls. Farm Q. 7(2):64-67, 104-105. Summer 1952. 6 F22995

67493 KOGER, M. Selection is the tool for improvement of herd; must allow highest return. Fla. Cattleman 16(9):68A. June 1952. 43.8 F66

67494 LETZ, R. B. Angus making rapid strides in [Texas] range country. Cattleman 39:19-20,48,50. June 1952. 49 C29

67495 LOCHOW, M. V. In Chile bewähren sich deutsche Schwarzbunte und Rotbunte. Tierzüchter 4:251-253. May 20,1952. 49 T445

67496 MACEDO, J. N. The importation of Zebus from India. (In Portuguese.) Lav. Arroz. 6(63):39-40, 42-43. Mar.1952. 59.8 L39

67497 MCGREW, C. D. Here's the box score on artificial breeding. Ohio Farmer 209(12):3,31. June 21,1952. 6 Oh3
Cattle breeding.

67498 MACNAIR, J. Livestock in Europe: Scotch Shorthorns. Livestock Wk. 6(25):12-13,50-52. May 1952. 49 L753

67499 MAUS, M. Zur frage der technischen umstellung der behandlung unfruchtbarer rinder. Monatsh. f. Vetmed. 7:148-150. Apr.15,1952. 41.8 M742

67500 MILLER, L. D. West looks to greater expansion of Aberdeen-Angus herds. Cattleman 39:34,36. June 1952. 49 C29

67501 MILLER, L. D. What's in an Angus name? West. Livestock J. 30(32):41,79,81. May 15,1952. 6 F2278

67502 MONTGOMERY, G. A. Loss in beef dwarfs. Capper's Farmer 63(6):40. June 1952. 6 M693

67503 MURPHREE, R. L. Some causes of lowered fertility in cattle. Breeder-Stockman 14:11-12,50-51. June 1952. 49 V81

67504 NARAYANAN, T. The bull is half the herd. Indian Dairyman 3:116-118. Mar.1952. 44.8 In282

67505 NUTTER, F. J. Selecting sires for artificial breeding. Holstein-Friesian World 49:1243,1288. June 7, 1952. 43.8 H742

67506 ODLUM, G. Who was their father? Farmers Wk. [London] 36(20):61. (Cont.) May 16,1952. 10 F2226
Cattle records.

67507 OERS, VAN. Possibilities for improvement in the artificial insemination association in Limburg. (In Dutch.) Stamboeker 34:37-38. Mar.27,1952. 43.8 V58

67508 PEITZMEIER, J. Allgemein-biologische uberlegungen zur künstlichen besamung. Tierzüchter 4: 286-287. June 5,1952. 49 T445

67509 PULTE. Probleme der künstlichen besamung. Landwirt. Z. der Nord-Rheinprov. 119:476-477. May 10,1952. 18 L2344
Cattle.

67510 RAGSDALE, A. C. Foremost Guernseys to have permanent home in Missouri. Guernsey Breeders J. [Peterborough] 85:499-502,535. June 15,1952. 43.8 G93
Property of Foremost Guernsey Association, Inc.

67511 SCHMEHL, R. Herdbuchzucht und künstliche besamung. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:559-561. Apr.10,1952. 18 L2346
Cattle.

67512 SCHMIDT, H. Die braunviehzucht in Niederösterreich. II. Die arbeit des verbandes seit 1946 und seine weiteren aufgaben. Landwirtschaft 9/10:162-164. May 1952. 19 L235

67513 SCHNEIDER. Die deutschen rinderzüchter—schrittmacher für die landeszucht. Deut. Landwirt.-Gesell. Mitt. 67:295-297. May 3,1952. 18 N39

67514 SCHULTE SIENBECK. Herdbuchzucht und künstliche besamung. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:723-724. May 8,1952. 18 L2346
Cattle.

67515 SESTI, G. The XIIth show of bulls and bullocks of Garfagnina breed produced in selection centers and the IVth show of cattle inscribed in the herdbook. (In Italian.) Agr. Tosc. 7:170-174. May 1952. 16 Ag827

67516 SHANNON, F. P., SALISBURY, G. W., and VANDEMARK, N. L. The fertility of cows inseminated at various intervals after calving. J. Anim. Sci. 11:355-360. May 1952. 49 J82

67517 SHORTHORN SOCIETY OF THE UNITED KINGDOM OF GT. BRIT. AND IRELAND. Coates's herd book, containing the pedigrees of Shorthorn cattle, n. s., v. 97. London,1952. 1392 p. 43.9 C63

67518 SKJERVOLD, H. Reduction in the number of cattle breeding association bulls. (In Norwegian.) Samvirke [Oslo] 47:223-224. May 1,1952. 280.28 Sa4

67519 SMIRNOV, I. V. Preservation of bovine semen at a temperature of minus 78 degrees centigrade. (In Russian.) Sovet. Zootekh. 7:56-59. Jan.1952. 49 So822

67520 SMITH, C. Zebu registration in Brazil. Zebu J. 3(9):14-15,57. Feb.1952. 43.8 Z12

67521 STARBUCK, R. R. Building a high production dairy herd. Farm Q. 7(2):44-47,133-134. Summer 1952. 6 F22995

67522 TELFER, A. W. Golden Guernsey in the Intermountain territory. Guernsey Breeders' J. [Peterborough] 85:370,375. June 1,1952. 43.8 G93

67523 TINDALL, C. They're working miracles with hills and prairies. Mo. Rur. 93(10):6-7,23. May 24,1952. 6 R8891
Chiefly about cattle raising in the Southwest. Charbray cattle are featured.

67524 TOMSON, C. K. Australian Shorthorns and Polled Shorthorns. Shorthorn World 35(6):7-9,479-49. May 25,1952. 43.8 Sh8

67525 TONINI, G. Computed progress. (In Italian.) Romagna Agr. e Zootec. 37(9):1. May 1952. 16 R66
Artificial insemination of cattle.

67526 VANDEMARK, N. L. Time and site of [artificial] insemination in cattle. Cornell Vet. 42:215-222. Ref. Apr.1952. 41.8 C81

67527 VOGEL, F., and WERKMAN, N. F. Progeny testing of two noted bulls in the Netherlands. (In Dutch.) Tijdschr. v. Diergeneesk. 77:386-391. May 15,1952. 41.8 T431

67528 VOIGTS, G. Deutsche rinderrassen in Südwestafrika. Tierzüchter 4:240-241. May 20,1952. 49 T445

67529 WASHBON, W. E. 1952 supplement to dairy breeding guide, key volume I. Bath,N. Y.,1952. 16 p. 43 D142Suppl

67530 WILSON, C. Seven generations and a master. Hoard's Dairyman 97:506,512. June 10,1952. 44.8 H65
The history of a family of Brown Swiss cattle.

67531 WINNIGSTEDT, R. Lüneburger stammbullenschau in Winsen. Tierzüchter 4:280-282. June 5,1952. 49 T445

Feeds and Feeding

67532 AICHER, L. C. Distillers feeds as protein supplements in the fattening of yearling steers. Distillers Feed Conf. Proc. 7:17-24. 1952. 389.79 C765

67533 AMPILOGOV, A., and PESHKOV, A. Cattle fattening. (In Russian.) Kolkhoz. Proizvodstvo 12(4):39-41. Apr.1952. 281.8 K83

67534 ANDERSON, R. Two new supplements best yet for beef. Farm J. 76(7):31. July 1952. 6 F2212

67535 ARTHAUD, V. H., and DOWE, T. W. Fattening yearling steers on bromegrass pasture. Corn Belt Livestock Feeder 4(8):12. May 1952. 280.38 C81

67536 BEESON, W. M., and PERRY, T. W. Feeding guides for Supplement A. Country Gentleman 122(6):19, 67. June 1952. 6 C833

67537 BLAXTER, K. L., and others. The nutrition of the young Ayrshire calf. 8-10. Brit. J. Nutr. 6:125-169. Ref. 1952. 389.8 B773
P. S. Watts, W. A. Wood, and A. M. MacDonald, joint authors.

67538 BLOCHL, F. Vom winter-zum grünfutter. Bauer 5(19):9-10. May 10,1952. 19 B32
Cattle in Austria.

67539 BOAS, F. Welches gras frisst die kuh am liebsten? Landwirt. Wchnbl. 142:434. Apr.19,1952. 18 L2338.

67540 BORZHKOVSKII, S. E., and BORZHKOVSKAIA, G. D. Change of milk composition in cows under the influence of maintenance conditions. (In Russian.) Sovet. Zootekh. 7:91-93. Jan.1952. 49 So822
Feeding chiefly.

67541 BRETON, J. F. Travail d'alimentation des boeufs a l'engrais. Agr. Prat. 116:253-254. May 1952. 14 J82

67542 BURKITT, W. H., WILLSON, F. S., and LEWIS, J. K. Pasture experiments. Mont. State Col. Farmer 5(3):6,24. Apr.1952. 276.8 M76
Beef cattle feeding.

67543 CHIEFFI, A. Feeding of calves. (In Portuguese.) Selec. Agr. 7(71):49-50. Mar.1952. 9.2 Se4

67544 CHRISTOPH, W. Stress the value of supplementary feeding during the summer. Feedstuffs 24(24): 56-57. June 14,1952. 286.81 F322
For cattle.

67545 CORDIEZ, E. La sous-alimentation, la suralimentation et le pouvoir de reproduction en élevage bovin. Sillon Belge 22(504):1,6. Apr.12,1952. 13 Si3

67546 CORRIE, F. E. Feeding farm animals. 57-58. Feeding dairy cows. Fert. Feed. Stuffs & Farm Supplies J. 38:301,303-304,312,336-338. May 14-28,1952. 57.8 F413

67547 EREMIN, G. Pasture maintenance of cattle. (In Russian.) Kolkhoz. Proizvodstvo 12(4):35-36. Apr. 1952. 281.8 K83

67548 ERTEL, H. Die farbe der butter - ein beachtliches wertmerkmal! Deut. Molk.-Ztg. 72:980-981. Aug.3,1951. 44.8 Su2
From feeding carotene to cattle.

67549 FEDTKE. Lange oder kurze, tag- oder nachtweide? Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 726-727. May 8,1952. 18 L2346
Cattle.

67550 GARRIGUS, W. P. Digestible nutrient contents of corn, bluegrass, alfalfa, ladino, fescue, and soybean silages for steers. Ky. Agr. Expt. Sta. B. 573,19 p. Dec.1951. 100 K41

67551 GARRIGUS, W. P. Distillers dried grains with solubles as a protein supplement for steers in drylot. Distillers Feed Conf. Proc. 7:12-16. 1952. 389.79 C765

67552 GILL, L. Feeding tests reported at college field day. Mont. Farmer-Stockman 39(17):46. May 1, 1952. 6 M764
Cattle.

67553 GREINER-PETTER. Futter und pflege als grundlage der leistung der milchkühe. Deut. Landwirt. 3:263-269. May 1952. 18 D4822

67554 GUL'CHAK, F. IA. Waste of fisheries and other sea animal industries as a source of protein feeds for northern animal husbandry. (In Russian.) Sovet. Zootekh. 7:60-69. Jan.1952. 49 So822
Feeding fish, seal, etc. to cattle and swine.

67555 HELLBERG, A. Feeding and care of dairy cattle. (In Swedish.) Mjölkpropagandan 29:66-68. Mar. 1952. 44.8 M692

67556 HIGNETT, S. L., and HIGNETT, P. G. The influence of nutrition on reproductive efficiency in cattle. II. The effect of the phosphorus intake on ovarian activity and fertility of heifers. Vet. Rec. 64:203-206. Apr.5, 1952. 41.8 V641

67557 HOFLUND, S. Decrease in fat content in milk on account of feeding mistakes. (In Swedish.) Skand. Kreatursförsäkringsbol. Månadsbl. 30:39-40. Mar.1952. 49.9 Sk1
Cattle.

67558 HUGHES, G. P., and REID, D. Studies on the behaviour of cattle and sheep in relation to the utilization of grass. J. Agr. Sci. 41:350-366. Ref. Oct.1951. 10 J822

67559 HVIDSTEN, H., and others. Investigations on the effects of feeding on the oxidized flavor in milk. II-III. (In Norwegian.) Meieriposten 41:241-245,263-265, 309-313. Ref. Apr.5-26,1952. 44.8 M47
J. Mehlum, H. Simonsen, and R. Honoré, joint authors.

67560 KIDDER, R. W., and BEARDSLEY, D. W. Protein and carbohydrate supplements for fattening steers on everglades pastures. Fla. Agr. Expt. Sta. B. 493,16 p. May 1952. 100 F66S

67561 KNAUS, K. D. Feeding cattle on a declining market. Through Leaves 40(3):40-43. May 1952. 66.8 T41
Sugar beets for feed.

67562 KNOBLICH. Achtung—der weideauftrieb steht vor der tür. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:557. Apr.10,1952. 18 L2346

67563 KONEKAMP, A. H. Von der hutung zur portionsweide. Deut. Landwirt.-Gesell. Mitt. 67:401,409-410. May 31,1952. 18 N39
Cattle pasturing.

67564 LOOSLI, J. K. Further studies of distillers feeds for milk production. Distillers Feed Conf. Proc. 7:85-87. 1952. 389.79 C765

67565 MCARTHUR, A. T. G. The effect of management on the grazing behaviour of calves. (Sum.) New Zeal. Soc. Anim. Prod. Proc. 11:87-88. 1951,pub.1952. 49.9 N483

67566 MCCULLOUGH, M. E. Science and the cow look at pasture forage as a feedstuff. 1. The cow as a converter of roughage. Better Crops Plant Food 36(5): 23-26. May 1952. 6 B46

67567 MACKAY, A. M., RIDDELL, W. H., and FITZ-SIMMONS, R. Feed supplement containing aureomycin and vitamin B_{12} for dairy calves. J. Anim. Sci. 11:341-345. Ref. May 1952. 49 J82

67568 MATSUSHIMA, J. Antibiotics for young calves. Corn Belt Livestock Feeder 4(8):9. May 1952. 280.38 C81

67569 MAYO, N. S. La melaza como alimento para el ganado. Cuba Ganad. 12(9):17-18. May 1,1952. 49 C89

67570 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Silage for security. XI. Attainment on two dairy farms. North. Ireland. Min. Agr. Mon. Agr. Rpt. 27:3-7. May 1952. 256.13 Ag82M

67571 PALLINI, R. The ensiling of forage plants, with particular reference to milk production in Maremma. (In Italian.) Agr. Tosc. 7:125-128. Apr.1952. 16 Ag827

67572 PARAU, D. Übergang von der stallhaltung zum weidegang. Allgäuer Bauernbl. 20:251-252. May 15,1952. 18 AL53
Dairy cattle.

67573 PAYNE, W. J. A., and LAING, W. I. The limit set to tropical dairy production by nutritional factors. New Zeal. Soc. Anim. Prod. Proc. 11:23-37. Ref. 1951, pub.1952. 49.9 N483

67574 PROULX, J. R. Le troupeau laitier au pâturage. Ferme 13(9):26,29. May 1952. 7 F38

67575 RICHTER, K., and CRANZ, K. L. Kälbermast mit magermilch und "Druna K." Hannoversche Land- u. Forstwirt. Ztg. 105:79-80. Jan.26,1952. 18 H194

67576 RICHTER, K. Wirtschaftseigenes futter und höhere leistung. (Extr.) Landwirt. Z. der Nord-Rheinprov. 119:448-449. May 3,1952. 18 L2344
Dairy cattle feeding.

67577 ROALKVAM, R. Experiments with the production of veal. (In Norwegian.) Norsk Landbr. 18:173-177. May 9,1952. 11 N8122
Feeding.

67578 ROCHA, G. L. DA. Mucuna and dairy cattle. (In Portuguese.) Soc. Rur. Bras. Rev. 32(374):46. Mar. 1952. 9.2 B733

67579 SANCHEZ MACIA, B. Alimentacion intensiva del ganado. Rev. Ganad. [Habana] 12(4):13-15. Apr.1952. 49 R321
Brahman cattle.

67580 SCHNEPF. Wenn die gräser wackeln; ueberlegungen vor beginn der sommerfütterung. Landwirt. Wchnbl. 142:479. Apr.26,1952. 18 L2338
Cattle.

67581 STANDHARTINGER. Vorbereitung für die alm. Bauer 5(18):3-4. May 3,1952. 19 B32
Cattle feeding.

67582 STANLEY, E. B., PAHNISH, O. F., and SAFLEY, C. E. Dried cantaloupe, safflower meal and salt in Arizona cattle fattening rations. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 105,4 p. July 1951. 100 Ar4M

67583 STREET, A. G. Coax them a little bit. Farmers Wk. [London] 36(21):55. May 23,1952. 10 F2226
Concentrates are good for dairy cows in May.

67584 STROHM, J. Fatter beef from cheap roughage. Country Gentleman 122(6):19,66-67. June 1952. 6 C833
Purdue Supplement A is recommended for use with rough feed.

67585 TERACHE, P. Les ensilages trop acides portent préjudice à la santé de nos vaches. Sillon Belge 22(508):1-2. May 10,1952. 13 Si3

67586 TUREK, F. Kälberaufzuchtplan. Bauer 5(19): 3-6. May 10,1952. 19 B32
Feeding in Austria.

67587 U. S. BUR. OF ANIMAL INDUSTRY. Making grass into beef. More meat for defense. Washington,1952. 2 p. 1.972 A2M282

67588 WARD, A. H., and HAMILTON, W. M. Production per cow and production per acre. Massey Agr. Col. 4:101-103,105-107,109-111. Nov.1951. 44.9 M382

67589 WATSON, C., JR. Grass silage for Illinois feeding. Corn Belt Livestock Feeder 4(8):8-9. May 1952. 280.38 C81
Cattle.

67590 WENNINGER, H. Winke für die ölkuchenfütterung. Bauer 5(19):14-15. May 10,1952. 19 B32
For dairy cattle feeding in Austria.

67591 WOLF. Der berg ruft! Auf der Alpe 5:33-35. May 1952. 18 Au3
Taking cattle to mountain pastures in Germany.

67592 ZAKHAR'EV, N. I. On feeding norms and annual norms of feed consumption for dairy cattle. (In Russian.) Sovet. Zootekh. 7:34-55. Jan.1952. 49 So822

Veterinary Medicine

67593 ADLER, H. C., and others. Diagnosis of vibrio fetus infection in bulls by experimental transmission. (In Danish.) Nord. Vetmed. 4:463-470. May 1952. 41.8 N813
B. E. Albertsen, N. O. Rasbech, and L. Szabo, joint authors.

67594 ARZUMANIAN, E. A. Change in mammary gland of heifers and cows of the Tagil breed in connection with lactation and age. (In Russian.) Sovet. Zootekh. 7: 78-87. Jan.1952. 49 So822

67595 AUDIDIER, L. La tétanie herbeuse. Potasse 26:83-86. Apr.1952. 57.8 P84

67596 BAILEY, J. W. Preventing calf pneumonia. Dakota Farmer 72(2):14. Jan.19,1952. 6 D14

67597 BARRY, J. M. Conversion of glucose to galactose in the mammary gland. Nature [London] 169:878-879. May 24,1952. 472 N21
In cows and goats.

67598 BAUMGARTNER, V. H., HAGNAUER, W., and BERNET, R. Die ausscheidung von hexachlorcyclohexan mit der milch nach der räudebehandlung von kühen. Schweiz. Arch. f. Tierheilk. 94:209-214. Apr. 1952. 41.8 Sch9

67599 BEAM, F. M. Rupture of the urethra due to faulty emasculation. Vet. Med. 47:256. June 1952. 41.8 M69
Bull calves.

67600 BECK, G. Stand der tuberkulose-bekämpfung in Nordbayern. Tierärztl. Umschau 7:198-200. June 1952. 41.8 T445
In cattle.

67601 BENDIX, W. L. Bang's vaccination in Virginia increases. Breeder-Stockman 14:38-39. June 1952. 49 V81

67602 BIGGI, P., and GARGANI, G. Application of the ring test as a herd test and an individual test, on milk in the Province of Florence. (In Italian.) Clin. Vet. 75:97-101. Apr.1952. 41.8 C61

67603 BLACK, A. L. Biosynthesis of amino acids in lactating dairy cows from $C^{14}O_2$. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:437. Mar.1952. 442.9 F31P

67604 BLOOMFIELD, H. Bloat. Country Gentleman 122(6):28-29,62-63,65. June 1952. 6 C833
The cause, prevention and relief of bloat in cattle.

67605 BOTTARELLI, F. Hormones for curing nymphomania. (In Italian.) Clin. Vet. 75:119-120. Apr.1952. 41.8 C61
Gonadotropins for cattle.

67606 BOUCKAERT, J. H., and OYAERT, W. The protein metabolism in ruminants. (In Dutch.) Vlaams Diergeneesk. Tijdschr. 21:61-69. Mar.1952. 41.8 V84
English summary.

67607 BRON, E. J. S., and ZANDSTRA, F. K. Multiple fibroma in the esophagus, intestinal torsion, intussusception. (In Dutch.) Tijdschr. v. Diergeneesk. 77: 337-341. May 1,1952. 41.8 T431
Cattle.

67608 BURKE, H. A., VAN HOOSEN, N., and RYNCARZ, A. J. Successful treatment of a case of hydrops amnii. Amer. Vet. Med. Assoc. J. 120:372-373. June 1952. 41.8 Am3
In a cow.

67609 CAVE, R. A. More bans on Bangs. Dakota Farmer 72(10):12. May 17,1952. 6 D14

67610 COHRS, P., and KOHLER, H. Gibt es wild- und rinderseuche in Deutschland? Monatsh. f. Prakt. Tierheilk. (n.s.)4:113-123,162-170. (Cont.) Ref. 1952. 41.8 M74

67611 COMPTON, L. S. Lead poisoning. M.S.C. Veterinarian 12:161-165. Spring 1952. 41.8 M582
Chiefly cattle.

67612 DIERNHOFER, K. Ausgewählte kapitel zur deckseuchenbekämpfung und zur künstlichen befruchtung. Wien. Tierärztl. Monatsschr. 39:273-288. May 1952. 41.8 T345
English summary.
Cattle.

67613 DURBIN, C. G. Bovine venereal trichomoniasis—a case report. Pa. U. Sch. Vet. Med. Vet. Ext. Q. 127:113-114. June 10,1952. 41.9 P386

67614 DYE, J. A., and ORSINI, D. Glycemic levels and rumen development in calves. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:39. Mar.1952. 442.9 F31P

67615 DYKSTRA, R. R. Shipping fever in cattle. Vet. Med. 47:251. June 1952. 41.8 M69

67616 EHRLICH, C. Wie steht es mit dem tuberkulosetilgungsverfahren in Westfalen-Lippe? Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:797. May 22, 1952. 18 L2346
Cattle.

67617 FJELDSTED, M. A. Another infectious disease of cattle, trichomoniasis. West. Farm Life 54(11): 6,11. June 1,1952. 6 R153

67618 FLÜCKIGER, G. Uber die bekämpfung der rindertuberkulose in Europa und die frage der schutzimpfung. Berlin. u. Münch. Tierärztl. Wchnschr. 65:85-86. (Cont.) May 1952. 41.8 B45

67619 FOOTE, L. E., and WULF, M. Anaplasmosis carrier infection destroyed with aureomycin. No. Amer. Vet. 33:406-408. June 1952. 41.8 N812

67620 FROEHNER, H. Der stand der bekämpfung der rinder-tuberkulose. Hannoversche Land- u. Forstwirt. Ztg. 104:1110-1111. Dec.1,1951. 18 H194

67621 GARANIN, F. V. Vaccination of mother animals—sure measure for the preservation of the young. (In Russian.) Veterinariia 29(1):42-43. Jan.1,1952. 41.8 V6426
Cattle and swine.

67622 GONELLA, G. Reticulitis, reticulo-peritonitis by foreign bodies, percussion, exploratory laparotomy, rumenotomy. (In Italian.) Prog. Vet. 7:318,320,322. May 1,1952. 41.8 P942
Cattle.

67623 GÖTZE, R. Uber die grundlagen der tuberkulosebekämpfung beim rind und die fehler bei ihrer durchführung. Monatsh. f. Prakt. Tierheilk. (n.s.)4:126-135. 1952. 41.8 M74

67624 GOVOROV, N. P. Treatment of intestinal diseases in young animals. (In Russian.) Veterinariia 29(1): 31-32. Jan.1,1952. 41.8 V6426
Experiments on calves and dogs.

67625 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Tuberculosis of cattle. Gt. Brit. Min. Agr. & Fisheries.Anim. Health L. 23,5 p. Jan.1952. 41.9 G792A

67626 GREGOIRE, C. La lutte contre la bronchite vermineuse, mal chaque jour plus envahissant. Sillon Belge 22(507):1,3. May 3,1952. 13 Si3
In cattle.

67627 GRITTNER, G. Die operation der beim weiblichen rinde vorkommenden nebenzitzen. Tierärztl. Umschau 7:151-153. May 1952. 41.8 T445

67628 HART, G. H. Carelessness in livestock management held greatest cause of grass tetany. Calif. Cattleman, May 1952:20-21. 43.8 212
Cattle.

67629 HOGG, P. G., and BARRENTINE, B. F. New findings will reduce livestock bloat. Crops & Soils 4(8): 24-25. June/July 1952. 6 W55
Effects on yearling steers of types of pasture and feeding practices.

67630 HOLZ, J. Zur behandlung der trichomonadenseuche des rindes. Tierärztl. Umschau 7:196-198. Ref. June 1952. 41.8 T445

67631 HUTSON, L. R. Initial observations on iodine deficiency in cattle in Antigua, B. W. I. Vet. Rec. 64:289-290. May 17,1952. 41.8 V641

67632 IAKUSHEV, V. I., ALIKAEV, V. A., and KOZIN, A. M. Water metabolism in cows. (In Russian.) Sovet. Zootekh. 7:70-77. Jan.1952. 49 So822

67633 JACQUET, J., and others. Sur les caractères et les propriétés des microcoques pyogènes d'origine bovine. Acad. des Sci. Compt. Rend. 234:1920-1921. May 5,1952. 505 P21
R. Richou, L. Steeg, C. Gerbeaux, and P. Julienne, joint authors.

67634 JOHANSSON, I. Causes of udder inflammations. (In Swedish.) Mjölkpropagandan 29:70. Mar.1952. 44.8 M692
Cattle.

67635 KARLSON, A. G. Malignant lymphoblastomatosis of cattle: clinical and postmortem observations. Minn. U. Sum. Ph. D. Theses 5:173-175. 1951. 241.8 M66

67636 KEARNAGHAN, H. Carroll County, Ill., dairymen organize to fight brucellosis. Kraftsman, Prod. Ed. 10(2):6. Summer 1952. 44.8 K85

67637 KELLER, H. Feststellung der stattgehabten hämolyse bei not- und krankgeschlachteten rindern. Lebensmitteltierarzt 3:33-34. Apr.1952. 41.8 L49

67638 KIDDER, R. W. Poisonous plants may be cause of unexplained deaths in Florida cows. Fla. Cattleman 16(9):37,64. June 1952. 43.8 F66

67639 KLECKER, K. Beitrag zur fremdkörperoperation des rindes. Wien. Tierärztl. Monatsschr. 39:306-308. May 1952. 41.8 T345

67640 KLEIBER, M. Tracer studies on carbonate pool of dairy cows. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:83. Mar.1952. 442.9 F31P

67641 KORDTS, E. Uber spermienkopfmessungen mit dem schraubenmikrometer-okular. Fortpflanzung u. Besamung der Haustiere 2:35-36. In Deut. Tierarztl. Wchnschr. 59(19/20). May 15,1952. 41.8 D482

67642 KOVALEVA, T. S. On "finnosis" in cattle. (In Russian.) Veterinariia 29(1):43. Jan.1,1952. 41.8 V6426
Taenia.

67643 KRAUME. Zur bekämpfung der maul- und klauenseuche. Tierzüchter 4:220-222. May 5,1952. 49 T445

67644 KRIENER, E. Der stiebel eltron-elektromilchentkeimer, ein wertvolles gerät für die tuberkulosebekämpfung. Tierärztl. Umschau 7:200-201. June 1952. 41.8 T445

67645 KUĬUMDZHIEV, I. Paratuberkuloza (bolest na Johne) po prezhivnite v Bulgariĭa. Paratuberculose (maladie de Johne) chez les ruminants en Bulgarie. Sofiĭa,1951. 90 p. Ref. (Bŭlgarska Akademiĭa na Naukite. Mikrobiologicheski Institut. Trudove 6) 448.39 B87T
French summary.

67646 KUMAR, S., and others. Effect of hyperoxygenation on rate of blood flow in perfusion of bovine mammary glands. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:87. Mar.1952. 442.9 F31P
S. Lakshmanan, E. A. Corbin, and J. C. Shaw, joint authors.

67647 KUNKEL, H. O., BURNS, K. H., and LYMAN, C. M. Individual variations in serum protein bound iodine and in reduced glutathione in bovine blood. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:243. Mar. 1952. 442.9 F31P

67648 LABATUT. La lutte contre la tuberculose bovine dans les Landes. Vie Lait. 8(156):3. (Cont.) May 25,1952. 44.8 V67

67649 LANGER, H. Dermatitis seborrhoides des saugkalbes als mangelkrankheit. Monatsh. f. Vetmed. 6:369-376. Ref. Oct.1,1951. 41.8 M742

67650 LEONHARDT, H. Zur entwicklungsdauer und zur entschädigung der tuberkulose des euters und der weiblichen geschlechtsorgane. Berlin. u. Münch. Tierärztl. Wchnschr. 65:86-87. May 1952. 41.8 B45

67651 LINDENSTRUTH, O. Untersuchungen über die tenazität von Brucella suis bei der kühlung und einpökelung des schweinefleisches. Lebensmitteltierarzt 3:37-38. Apr.1952. 41.8 L49

67652 LŮHRS, H. Entstehung und vorbeuge der weidetetanie. Praxis u. Forsch. 4:68-69. May 20,1952. 18 P89
Cattle.

67653 LUMAINE. La tuberculose bovine se paie cher: 600 á 700 millions chaque année. Sillon Belge 22(506):1-2. Apr.26,1952. 13 Si3

67654 LÜTJE, F., and RASCH, K. Beobachtungen über die salmonellose (enteritis) des rindes. Lebensmitteltierarzt 3:38-39. (Cont.) Apr.1952. 41.8 L49

67655 MCFARLANE, D. Trichomoniasis. Massey Agr. Col. Dairyfarming Annu. 4:131-139. Nov.1951. 44.9 M382
Includes discussion.

67656 MARDEN, W. G. R. The hormone control of ovulation in the calf. Endocrinology 50:456-461. Ref. Apr.1952. 448.8 En2

67657 MERKT, H., and GARNICA, S. Uber die behandlung der vibriosis genitalis beim rinde. Fortpflanzung u. Besamung der Haustiere 2:33-35. In Deut. Tierarztl. Wchnschr. 59(19/20). May 15,1952. 41.8 D482

67658 MEYN, A. Zur frage der ausscheidung von tuberkelbakterien durch das klinisch unveränderte euter tuberkulöser kühe. Monatsh. f. Prakt. Tierheilk. 4:191-192. Ref. 1952. 41.8 M74

67659 MULLER, E. Zur prognose der peritonitis traumatica circumscripta bei konservativer behandlung. Wien. Tierärztl. Monatsschr. 39:299-304. May 1952. 41.8 T345.
English summary.
Cattle.

67660 NAI, D. D. Prevention of bovine tuberculosis in Italy. (In Italian.) Ist. Vaccinogeno Antituberc. Not. 1:(4):9-21. Oct./Dec.1951. 41.9 Is7
English summary.

67661 NASSO, A. DI. Mortality of dairy calves. (In Italian.) Romagna Agr. e Zootec. 37(8):5. Apr.1952. 16 R66

67662 NEEDHAM, R. Series of successful caesarian sections. Auburn Vet. 8:169-170. Spring 1952. 41.8 Au1
Cattle.

67663 NIKOLAEV, V. A., and REBROV, P. I. Bacilli secretion in cows which give a continuous agglutination reaction in low titres. (In Russian.) Veterinariĭa 29(1): 37-39. Jan.1,1952. 41.8 V6426
In diagnosis of brucellosis.

67664 PERCIVAL, J. C. Growth rates of early and late weaned single and identical twin calves. New Zeal. Soc. Anim. Prod. Proc. 11:107-110. 1951,pub.1952. 49.9 N483
Includes discussion.

67665 PLUM, N. On typing of tuberculosis in cattle in Denmark. Nord. Vetmed. 4:451-461. May 1952. 41.8 N813

67666 POST, R. Extermination of cattle tuberculosis in Overijssel. (In Dutch.) Stamboeker 34:54-55. Apr.24, 1952. 43.8 V58

67667 POUNDEN, W. D. Prophylaxis, diagnosis and therapy of [bovine] rumen dysfunction. Calif. Vet. 5(5):14-17. Ref. May/June 1952. 41.8 C12

67668 PRIESTLEY, F. W. Freeze-drying of the organism of contagious bovine pleuro-pneumonia. J. Compar. Path. & Ther. 62:125-135. Apr.1952. 41.8 J82

67669 REYNOLDS, M. Measurement of bovine plasma volume with T-1824 and estimation of the blood volume. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:129. Mar.1952. 442.9 F31P

67670 ROBERTS, F. H. S., O'SULLIVAN, P. J., and RIEK, R. F. The epidemiology of parasitic gastro-enteritis of cattle. Austral. J. Agr. Res. 3:187-226. Ref. Apr.1952. 23 Au783

67671 ROMBOLI, B. Purinic thesaurismosis, a metabolic disorder of cattle. (In Italian.) Riv. di Med. Vet. e Zootec. 3:239-270. Nov./Dec.1951. 41.8 R522
English summary.

67672 ROY, A. The story of milk production. Indian Dairyman 3:137-140. Apr.1952. 44.8 In282
Physiology of cattle lactation.

67673 SANTIAGO LUQUE, J. M. Notas clínicas sobre el diagnóstico y tratamiento de las enfermedades de la panza en los bóvidos. I. Veterinaria [Madrid] 16:391-400. May 1952. 41.8 V6429

67674 SCHALM, O. W., and WOODS, G. M. Characteristics of coliform mastitis and treatment with dihydrostreptomycin. Amer. Vet. Med. Assoc. J. 120:385-388. June 1952. 41.8 Am3
In a dairy herd.

67675 SCHERSCHEL, P. Fight Bang's. Pure Milk 25(10):8. Oct.1951. 280.28 P97
In cattle.

67676 SCHIESSLER, P. Die maul- und klauenseuche. Osterr. Milchwirt. 7:113-116. May 7,1952. 44.8 Os72

67677 SCHLINGMAN, A. S., and MANNING, M. C. Further observations on inactivated Brucella abortus as an immunizing agent in cattle. No. Amer. Vet. 33:397-405. June 1952. 41.8 N812

67678 SCHNEIDER, P. Die kokzidienruhr des rindes; eine literaturübersicht, dazu eigene beobachtungen und erfahrungen in deren bekämpfung auf der alp Schnebelhorn. Pfäffikon,Schellenberg,1951. 44 p. Ref. 436 Sch54
Inaug.-Diss. - Zürich.

67679 SCHOOP, G. Die immunitätsanergie in der tuberkulosebekämpfung. Monatsh. f. Prakt. Tierheilk. 4:189-191. 1952. 41.8 M74
Cattle.

67680 SCHRODER, W. Das Friedmann-mittel und "Utilin" -nicht das "Friedmannmittel utilin." Tierärztl. Umschau 7:201-203. June 1952. 41.8 T445

67681 SCHUSTER, E. Zur behandlung intraabdominaler abszesse traumatischen ursprungs beim rind. Tierärztl. Umschau 7:205-206. June 1952. 41.8 T445

67682 SCOTT, G. R., and BROTHERSTON, J. G. The viability and potency of freeze-dried lapinised rinderpest vaccine. J. Compar. Path. & Ther. 62:108-115. Apr.1952. 41.8 J82

67683 SELUNSKAĬA, E. I. Treatment of infectious vaginitis in cows with garlic preparations. (In Russian.) Veterinariĭa 29(1):56-57. Jan.1,1952. 41.8 V6426

67684 SENĬUSHKIN, A. F. Experiment in treating gastro-intestinal diseases in calves with sulfanilamides. (In Russian.) Veterinariĭa 29(1):33-36. Jan.1,1952. 41.8 V6426

67685 SHCHERBOVICH, I. A. Experiments in ridding cattle from Dictyocaulus [viviparus]. (In Russian.) Veterinariĭa 29(4):24-28. Apr.1952. 41.8 V6426

67686 SHORT, G. E. Urea poisoning in cattle. Ga. Vet. 4(3):5-6. May/June 1952. 41.8 G29

67687 SIMON, J., SPENCER, G. R., and SCHMIDT, E. G. Streptomycin in the treatment of streptococci mastitis. Vet. Med. 47:233-234. June 1952. 41.8 M69
Cattle.

67688 SMITH, G. F. Foot and mouth hits artificial breeding in England. Hoard's Dairyman 97:482. May 25,1952. 44.8 H65
Cattle.

67689 SPALDING, R. W. New facts available on gestation periods. N. Y. Artificial Breeders' Co-op. 8(11): 1,8. Apr. 1952. 41.8 N482
Cattle.

67690 SPARAPANI, K. Der molkereifachmann und die maul- und klauenseuche (MKS). Deut. Molk.-Ztg. 73: inside front cover. May 2,1952. 44.8 Su2

67691 STEWART, A. Age distribution in N.Z. pedigree [dairy] cattle. New Zeal. Soc. Anim. Prod. Proc. 11:79-86. 1951,pub.1952. 49.9 N483
Includes discussion.

67692 STEWART, D. L. The suppression of oestrus in dairy cattle after mating. Vet. Rec. 64:303-308. Ref. May 24,1952. 41.8 V641

67693 STUART, J. E. Progress in brucellosis control. Calif. Vet. 5(5):32. May/June 1952. 41.8 C12
Cattle.

67694 STUART, P., and MARSHALL, P. M. Avian type tuberculosis of the bovine udder. Vet. Rec. 64:309. May 24,1952. 41.8 V641

67695 STUMP, C., and TOMPPERT, H. Entwicklung, organisation und stand der bekämpfung der rindertuberkulose in Nordwürttemberg. I-II. Monatsh. f. Prakt. Tierheilk. (n.s.)4:136-144,175-189. 1952. 41.8 M74

67696 SUDACHENKOV, V. V. Superinfection as a fundamental factor in preservation of babesiosis nucleus. (In Russian.) Veterinariia 29(3):19-21. Mar.1952. 41.8 V6426
Babesia bovis and Ixodes ricinus.

67697 THIERY, J. P. Influence de la santé des animaux sur la qualité du lait. Tech. Lait. 8(104):15-17. Apr.23,1952. 44.8 Of2

67698 THIJE, J. H. TEN. Traumatic gastritis and pericarditis of cattle. (In Dutch.) Tijdschr. v. Diergeneesk. 77:321-329. May 1,1952. 41.8 T431
English summary.

67699 THIJN, J. W. Control of T.B. in Drenthe. (In Dutch.) Stamboeker 34:58. Apr.24,1952. 43.8 V58

67700 THOROLD, P. W., and PLOWRIGHT, W. Investigations into delayed toxicity due to dimidium bromide. I-II. J. Compar. Path. & Ther. 62:136-151. Ref. Apr. 1952. 41.8 J82
Part II by W. Plowright, M. L. Burdin, and P. W. Thorold.
Photosensitization of cattle.

67701 THRELKELD, W. L., and BELL, W. B. Ostertagiasis in Virginia. Auburn Vet. 8:137-140. Spring 1952. 41.8 Au1
Ostertagia ostertagi in cattle.

67702 TILGNER, K., and NEUMANN, H. J. Ist die sanierung grösserer galtverseuchter rinderbestände möglich? Deut. Molk.-Ztg. 72:803-804. June 22,1951. 44.8 Su2

67703 TRAUTWEIN, K., and BAUER, H. Lecksucht im farrenstall. II. Tierärztl. Umschau 7:147-151. May 1952. 41.8 T445

67704 TRAUTWEIN, K. Wie schützt sich der bauer gegen maul- und klauenseucheschäden? Bad. Landwirt. Wchnbl. 199:284-285. Apr.26,1952. 18 B142

67705 TUBBS, C. R. Superfecundation in a Jersey cow. Amer. Vet. Med. Assoc. J. 120:372. June 1952. 41.8 Am3

67706 TURK, K. L. Use care in purchasing phosphorus supplements. Dairyman's League News 36(11): 6-7. May 27,1952. 44.8 D1432
Anthrax control.

67707 UDALL, D. H., and KELLER, K. P. A report on fluorosis in cattle in the Columbia River Valley. Cornell Vet. 42:159-184. Ref. Apr.1952. 41.8 C81

67708 UMEZU, M., and others. Studies on the digestion of a ruminant. I-II. Tohoku J. Agr. Res. 2:63-71,73-81. Ref. Oct.1951. 22.5 T574
T. Tuda, M. Katuno, S. Omori, and S. Minagaki, joint authors.
Rumen bacteria and rumen activity of cattle and goats.

67709 VAITSMAN, J. Vitular or milk fever. (In Portuguese.) Selec. Agr. 7(71):41-42. Mar.1952. 9.2 Se4

67710 VALLEJOS, L. C. Mamitis crónica de los bovinos. Voz. de SanCor 6(82):4. (Cont.) Apr.19,1952. 280.28 V94

67711 VIGUE, R. F. Influence of protein on the milk fever complex (a four year study): I. Milk fever. Vet. Med. 47:215-218,238. Ref. June 1952. 41.8 M69

67712 WACKER. Gewichtsermittlungen beim weidevieh. Praxis u. Forsch. 4:67. May 20,1952. 18 P89

67713 WALLER, E. F., and BOLTON, W. D. Bacitracin with penicillin and streptomycin in combined treatment of resistant infectious mastitis. (Abs.) No. Amer. Vet. 33:409-410. June 1952. 41.8 N812
Cattle.

67714 WALLIS, G. C. Vitamin D deficiency in farm calves. Amer. Vet. Med. Assoc. J. 120:392-396. Ref. June 1952. 41.8 Am3

67715 WATT, J. A. A. The isolation and cultural characteristics of an organism of the Haemophilus group in calf pneumonia. J. Compar. Path. & Ther. 62:102-107. Ref. Apr.1952. 41.8 J82

67716 WEBSTER, H. D., and others. A note on vitamin A therapy of hyperkeratosis. M.S.C. Veterinarian 12: 150-151. Spring 1952. 41.8 M582
C. W. Duncan, C. F. Huffman, and F. Thorp, Jr., joint authors.

67717 WILLETT, E. L., MCSHAN, W. H., and MEYER, R. K. Relation of stage of cycle and source of luteinizing hormone to superovulation in dairy cattle. Soc. Expt. Biol. & Med. Proc. 79:396-400. Ref. Mar. 1952. 442.9 So1

67718 WOODS, G. T. Bovine brucellosis control in Illinois. Pure Milk 26(5):4,13. May 1952. 280.28 P97

67719 ZIMMERMANN, T. Leitungsanästhesie des nervus lingualis und des nervus hypoglossus zum zwecke der schmerzlosen mks.-virus-infektion der zungenschleimhaut und der ausschaltung der zungenbeweglichkeit. Deut. Tierärztl. Wchnschr. 59:152. May 15,1952. 41.8 D482

67720 ZWIJNENBERG, H. A. Uber die ätiologie des sog. kalbefiebers. Monatsh. f. Vetmed. 6:376-380. Oct.1,1951. 41.8 M742

Miscellaneous

67721 BECKER. Bericht über die milchlesitungsprüfungen im bereich der Landwirtschaftskammer Westfalen-Lippe für das kontrolljahr 1951. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:647-648. Apr.24,1952. 18 L2346

67722 BELL, R. W. Some factors affecting the butterfat content of milk. Jersey Cow 35:24,26-29. Spring 1952. 43.9 En3J

67723 BELLO, L. R. Importancia del ordeño. Almanaque Agr. Nac. 1952:233-235. 8 AL64

67724 BLUMENFEL'D, E. 6390 kilograms of milk per year from every cow. (In Russian.) Dostizheniia Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1:43-46. Jan. 1952. 20 D742

67725 BONDAREV, IU. F. Increasing the productivity of cows. (In Russian.) Sotsialist. Zhivotnovod. 13(11):46-53. Nov.1951. 49 So71

67726 BURG, J. L. VAN DER. Cows in the corral. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:323. May 14,1952. 44.9 AL3
Cattle raising in California.

67727 BURGE, C. A., and CHRISTIAN, J. A. Beef cattle in Pennsylvania. Pa. State Col. Agr. Ext. C. 402, 16 p. Apr.1952. 275.29 P38C

67728 CAMPBELL, I. L. Calf rearing. Massey Agr. Col. Dairyfarming Annu. 4:123-130. Nov.1951. 44.9 M382

67729 CHIEFFI, A. Problems of milk production. (In Portuguese.) Lav. Arroz. 6(62):22-23. Feb.1952. 59.8 L39

67730 CLARK, C. H., and PEGG, S. E. The value of continuous recording of dairy herds. Queensland Agr. J. 74:222-223. Apr.1952. 23 Q33

67731 CZAPSKI, F. Formation of a dairy herd. (In Portuguese.) Sitios e Fazendas 18(4):15-18. Apr.1952. 9.2 Si8

67732 DENYER, R. C. The branding of cattle. Agr. Gaz. N. S. Wales 63:153-155. Mar.1952. 23 N472

67733 DIERNHOFER, K. Osmaron-melkfett ad usum veterinarium. Wien. Tierärztl. Monatsschr. 39:315-316. May 1952. 41.8 T345

67734 FAGOT, V. Faut-il aimer les grandes vaches? Sillon Belge 22(510):2-3. May 24,1952. 13 Si3
Types.

67735 FAGOT, V. Un veau sur deux devrait être abattu comme veau de boucherie. Sillon Belge 22(507): 5; (508):9; (509):8. (Cont.) May 3-17,1952. 13 Si3
Care and feeding.

67736 FOOT, A. S. La velocidad en el ordeño; interesantes conclusiones de un estudio. Asoc. Rur. del Uruguay. Rev. 79(4):16-17. Apr.1952. 9.9 As5

67737 FREITAS, H. DE. Marking of cattle. (In Portuguese.) Selec. Agr. 7(71):51-52. Mar.1952. 9.2 Se4

67738 GLASSCOCK, R. S. Close observation of cow herd essential. Ranchman 12:16-17. May 1952. 49 R15

67739 GT. BRIT. MILK MARKETING BOARD. National milk records; report for the year ended September 1951, England & Wales. London,1951. 165 p. 43.9 G792

67740 GREENIE, C. W. The cost of a one-day [dairy cattle] test. Guernsey Breeders' J. [Peterborough] 85:524-527. June 15,1952. 43.8 G93

67741 HANSEN, K. Progeny tests and progeny investigations. (In Danish.) Dansk Landbr. 71:210-212. May 1,1952. 280.28 V91
Cattle.

67742 HEAD, T. P. More milk in fall and winter. Ark. Agr. Col. Ext. L. 144,rev.,6 p.-folder. May 1952. 275.29 Ar4Le

67743 HECKER, E., and SCHNEPF, P. Nutzungsdauer und wirtschaftlichkeit im kuhstall. Tierzüchter 4:211-214. May 5,1952. 49 T445

67744 HOLLEY, A. L., and HEAD, T. P. Dairying for 4-H Club members. Ark. Agr. Col. Ext. C. 455,rev., 19 p. June 1951. 275.29 Ar4

67745 KANZ, N. Steigerung der milchleistung in einem bergbauernhof. Kärntner Bauer 102:219-221. Apr.5,1952. 19 K14

67746 KOCH, C. What makes choice veal. Milk Prod. [Houston] 17(6):17,32. (Cont.) June 1952. 44.8 M5993
Dairy calves.

67747 KUBLITZ, M. Zusammenhang zwischen milchfettgehalt und körperzuwachs. Unser Milchvieh. 4(4):4. Apr.1952. 43.8 Un7

67748 KUTISH, F. A. What the beef build-up means; don't be too anxious to switch from dairy to beef; the beef business may not be so profitable the next few years. Hoard's Dairyman 97:463. May 25,1952. 44.8 H65

67749 KUTISH, F. A., and MCWILLIAMS, R. Will beef cows fit your farm? Successful Farming 50(6):39, 102,104-105. June 1952. 6 Su12

67750 LISKUN, E. F. Ways of increasing milk production of cows. (In Russian.) Dostizheniîa Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1:29-33. Jan.1952. 20 D742

67751 MACK, M. Die zweckmässige vorbehandlung der euter beim maschinenmelken. Württemb. Wchnbl. f. Landwirt. 119:456-457. May 17,1952. 18 W96
Sanitation.

67752 MARTIN, G. Select your animal two years before the show. Ayrshire Cattle Soc. J. 24:31. Apr.1952. 43.8 Ay74

67753 MASSEY AGRICULTURAL COLLEGE. Dairy-farming annual, 1951; including the proceedings of the sixth annual meeting of dairyfarmers conducted by Massey Agricultural College, Palmerston North, June 12,13,14 and 15,1951. Palmerston North,1951. 179 p. 44.9 M382

67754 MATHESON, A. Highland ranchers. Canad. Geog. J. 44:140-143. Apr.1952. 470 C162
Cattle in Great Britain.

67755 MAULE, J. P. Expériences d'élevage de bétail laitier pour les pays chauds. Cour. Agr. 17(7):1,4. Apr.2,1952. 24 C83

67756 MITCHELL, J. A. R. Some aspects of dairy herd maintenance. Scot. Dept. Agr. Farm Econ. 23:16-18. Spring 1952. 281.9 Sco3F
Milk production and costs of replacement in Scotland.

67757 MITROKHIN, M. A. Extensive organization of milk production on collective farms. (In Russian.) Dostizhaniîa Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1: 34-38. Jan.1952. 20 D742

67758 MUILWIJK, E. VAN. Netherlands cattle raising. IV. (In Dutch.) Nieuwe Veldbode 18:578-579. May 22,1952. 12 V542N
Historical.

67759 OBERTI, F. Algo de la vieja ganadería: las vacas natas. Mundo Agr. 4(36):68-69. May 1952. 9 M92

67760 PASSERINI, C. Aspects of dairy cattle raising in the Alps mountains. I. (In Italian.) Agr. Bresciana 5(19):2,4. May 7,1952. 16 Ag89

67761 PERKINS, N. S. Good beef at low cost. Gt. Brit. Min. Agr. Agriculture 59:71-74. May 1952. 10 G79J

67762 PILLAI, R. M. Dairy cattle. Madras J. Co-op. 43:457-460. Mar.1952. 280.28 M26

67763 POZO PELAYO, C. DEL. Teoría y práctica del ordeño. Balearic Isl. Diputación Prov. B. de Agr. 90: 14-15. Mar.1952. 15 B19

67764 RINDERLE. Lässt sich höchste milch- und fleischleistung vereinbaren? Landwirt. Wchnbl. 142: 440. Apr.19,1952. 18 L2338

67765 ROYAL, T. L. Possibilities of raising beef cattle on the Murray Plains. So. Austral. Dept. Agr. J. 55:419. Mar.1952. 23 So84

67766 SAVCHENKO, M. KH. My practices in milking cows. (In Russian.) Dostizheniîa Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1:39-42. Jan.1952. 20 D742
Chiefly on care.

67767 SEATH, D. M. Which cows should you cull? Hoard's Dairyman 97:503. June 10,1952. 44.8 H65

67768 SIMON, L. Welche kühe sind die besten? Landwirt. Wchnbl. 142:500-501. May 3,1952. 18 L2338
Milk production.

67769 SØRENSEN, A. M. Progeny tests and progeny investigations. (In Danish.) Dansk Landbr. 71:254-255. May 29,1952. 280.28 V91
Cattle.

67770 THIEULIN, G. Le problème zootechnique de la production laitière. Lait 32:19-30,145-156. (Concl.) Jan./Feb.-Mar./Apr.1952. 44.8 L143
Cattle types and care.

67771 TOMSON, C. K. More about Australia; a discussion of showing, sales, herds, and common problems of cattle production. Shorthorn World 35(7):8-9,30-31. June 10,1952. 43.8 Sh8

67772 TORRENS PASTOR, A. El segundo año de control lechero en Mallorca. Balearic Isl. Diputación Prov. B. de Agr. 90:6-7. Mar.1952. 15 B19

67773 TSYNKOV, M. IU. Possibilities for increasing productivity of dairy cattle. (In Russian.) Sotsialist. Zhivotnovod. 13(11):64-68. Nov.1951. 49 So71

67774 UDALE, T. H. If the cow is not a "good looker" and of good quality leave her at home! Ayrshire Cattle Soc. J. 24:27-29. Apr.1952. 43.8 Ay74
Dairy shows.

67775 U. S. FARMERS' HOME ADMIN. The milky way. St. Anthony,Idaho,1952? 4 p. 1.949 M59
Milk production.

67776 VAN SANT, W. R. Raising dairy calves and heifers. Ariz. Agr. Col. Ext. C. 198,36 p. Feb.1952. 275.29 Ar42

67777 WINNIGSTEDT, R. Förderung der milchleistungsprüfungen in Europa. Deut. Molk.-Ztg. 72:859-860. July 6,1951. 44.8 Su2

67778 ZATTA, P. L. Seasonal alterations in milk. (In Italian.) Agr. Vicentina 83(10):2. May 15,1952. 16 Ag8257

67779 ZHELEZNIAK, P. G. Borskaiâ Dairy Farm [in Gorki Region]. (In Russian.) Sotsialist. Zhivotnovod. 13(11):69-73. Nov.1951. 49 So71

DOGS AND CATS

Breeds and Breeding

67780 AARFLOT, J. The head of the grey Elkhound. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.31-34. Drammen,Lyche,1951. 412.6 N81

67781 AARFLOT, J. History of the development of the Elkhound. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.38-49. Drammen,Lyche, 1951. 412.6 N81

67782 ANTUNOVICH, J. Catahoula hog dog is strange breed. La. Conserv. 4(7):14-15,25. Mar.1952. 279.8 L93

67783 BERBOM, G. The Elkhound in Great Britain. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.80-88. Drammen,Lyche,1951. 412.6 N81

67784 BONNEMA, H. Elkhounds in Holland. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.89-92. Drammen,Lyche,1951. 412.6 N81

67785 CAMPBELL, O. Selection of breeding animals. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.66-67. Drammen,Lyche,1951. 412.6 N81
Dogs.

67786 CLARK, R. W. Instructor air dogs. All-Pets Mag. 23(5):49-50,54. May 1952. 48.8 AL5
Alsatians trained by Royal Air Force Police.

67787 HALLINGBY, J. The grey Elkhound during the last 20 years. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.50-57. Drammen,Lyche, 1951. 412.6 N81

67788 HALLINGBY, J. Hunting test for Elkhounds. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.124-126. Drammen,Lyche,1951. 412.6 N81

67789 HALLINGBY, J. Hunting test for grey Elkhounds in the fall 1948. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.127-129. Drammen,Lyche,1951. 412.6 N81

67790 HEMSEN, T. Commentaries on the standard. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.26-30. Drammen,Lyche,1951. 412.6 N81
For grey Elkhounds.

67791 HEMSEN, T. The Elkhound as a hunting dog. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.70-71. Drammen,Lyche,1951. 412.6 N81

67792 HEMSEN, T. Raising and breeding. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.64-65. Drammen,Lyche,1951. 412.6 N81
Elkhounds.

67793 HOVER, MRS. R. The French Bulldog. All-Pets Mag. 23(5):49,53-54. May 1952. 48.8 AL5

67794 MÄDER, M. Der Appenzeller Sennenhund. Bern,Haupt,1951. 67 p. Ref. 48 M26
Inaug.-Diss. - Zürich.

67795 MARQUARDT, F. Die ungarischen nationalen hunderassen. Thür. Kleintierzüchter 6:128-129. Apr.20, 1952. 49 T42

67796 NICHOLAS, A. K. The Pekingese; a complete presentation with illustrations of the origin, development, breeding, showing, training, kenneling, care and feeding of this breed of dog. Ed. 2. Chicago,Judy Pub. Co.,1952. 159 p. 48 N51

67797 OM ELGHUNDER og elgjakt i Norge de siste 50 år. Utgitt i anledning av Norsk dyrehundklub's 50-års jubileum 16. November 1949 [On Elkhounds and elk hunting in Norway during the last 50 years. Published on the occassion of the 50th anniversary of the Norwegian Elkhound Club on November 16, 1949]. Drammen,Lyche, 1951. 201 p. 412.6 N81

67798 OMSTED, A. Origin of our Elkhounds. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 ar, p.35-37. Drammen,Lyche,1951. 412.6 N81

67799 PARSONS, A. D. The origin of the Barb or black Kelpie. Land [Sydney] 2106:20. Feb.22,1952. 23 L22
Breed of dogs.

67800 RAVE, A. Impressions of the grey Elkhound in Norway and the work for developing the breed in Sweden. (In Swedish.) In Om elghunder og elgjakt i Norge de siste 50 år, p.77-79. 412.6 N81

67801 SCHMIDT, L. K. The importance of the bitch. Cocker Spaniel Visitor 14(5):5-7. May 1952. 48.8 C64

67802 STEPHANITZ, M. VON. Der deutsche Schäferhund; seele, pflege und erziehung. Hamburg,G. Altenburg, 1951? 95 p. (Miniatur - Bibliothek für Sport und Spiel 81/82) 48 St4D

67803 TOLSTER, C. Decline of the black Elkhound. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.60-62. Drammen,Lyche,1951. 412.6 N81

67804 WILSON, I., and DEETHS, A. The Chocolate Point Siamese. All-Pets Mag. 23(5):55,67. May 1952. 48.8 AL5

Feeds and Feeding

67805 ALLISON, J. B., ROSENTHAL, H. L., and MILLS, A. H. Effects of nonionic surface active agents on the growth of animals. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:435. Mar.1952. 442.9 F31P
Experiment with dogs, mice and hamsters.

Veterinary Medicine

67806 BARTO, L. R. Hepatoma. Pa. U. Sch. Vet. Med. Ext. Q. 127:115-116. June 10,1952. 41.9 P386
In a dog.

67807 BERNDT, H. Beobachtungen mit perlonseide als nahtmaterial in der hundepraxis. Monatsh. f. Vetmed. 7:150-151. Apr.15,1952. 41.8 M742

67808 BOND, E., LEBEAU, J., and NOVAK, M. The bacteriological evaluation of terramycin in the treatment of infectious conditions in small animals. Cornell Vet. 42:207-214. Ref. Apr.1952. 41.8 C81
Organisms of respiratory infections in dogs.

67809 BONNEMA, H. Close-bit malocclusion. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.68-69. Drammen,Lyche,1951. 412.6 N81

67810 BOON, R. D. Some observations on cystitis, nephritis and leptospirosis in small animals. Austral. Vet. J. 28:81-84. Mar.1952. 41.8 Au72
Dogs and cats.
Includes discussion.

67811 BRINKHOUS, K. M., MORRISON, F. C., JR., and MUHRER, M. E. Comparative study of clotting defects in human, canine and porcine hemophilia. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:409. Mar. 1952. 442.9 F31P

67812 BRODEY, R. S. Torsion of the lungs—two case reports. Pa. U. Sch. Vet. Med. Vet. Ext. Q. 127:119-123. June 10,1952. 41.9 P386
Dogs.

67813 BUNDE, C. A., and others. Pharmacologic studies on the canine tremor syndrome (motion picture). (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:20. Mar.1952. 442.9 F31P
B. E. Abreu, G. R. Burch, and A. B. Richards, joint authors.

67814 CASTELLA BERTRAN, E. La fosfomonoesterasa ácida en los carnívoros domésticos. Veterinaria [Madrid] 16:33-44. Jan.1952. 41.8 V6429

67815 COOPERRIDER, D. E. Gastrointestinal parasites of dogs—a survey. Amer. Vet. Med. Assoc. J. 120: 389-391. June 1952. 41.8 Am3

67816 CROFT, P. G. Small-animal euthanasia. Vet. Rec. 64:274-276. May 10,1952. 41.8 V641
Dogs and cats.

67817 DENT, R. S. Operation for correction of lateral protrusion of the tongue in the dog. Vet. Rec. 64:276. May 10,1952. 41.8 V641

67818 DYBING, O. Pentobarbital injection. (In Norwegian.) Nord. Vetmed. 4:494-498. May 1952. 41.8 N813
English summary.
Its use in intravenous anesthesia of dogs.

67819 FALLON, H. J. Report on immunity failure of avianized rabies vaccine. Amer. Vet. Med. Assoc. J. 120: 373. June 1952. 41.8 Am3

67820 FORBES, B. R. V., and LAWRENCE, J. J. A serological survey of dogs in Australia for leptospiral infection. Austral. Vet. J. 28:72-75. Ref. Mar.1952. 41.8 Au72

67821 GALTON, M. M. Salmonellosis in dogs with special reference to the studies in Florida. Auburn Vet. 8:141-146. Ref. Spring 1952. 41.8 Au1

67822 HELBIG, K. Die toxizität des Prontosil rubrum für den hund. Tierärztl. Umschau 7:172-174. Ref. May 1952. 41.8 T445

67823 HOLROYD, H., and HOGG, A. H. Myocrisin therapy in arthritic disease of the dog. Vet. Rec. 64:271-274. May 10,1952. 41.8 V641

67824 HSIUNG, G. D., and STAFSETH, H. J. Canine distemper. I-II. Cornell Vet. 42:223-237. Ref. Apr. 1952. 41.8 C81
I, Bacteriological studies; II, The value of certain therapeutic agents against the bacterial infections in dogs affected with distemper.

67825 JONES, E. W. Surgical correction in a case of torsion of the stomach in the dog. Cornell Vet. 42:188-192. Apr.1952. 41.8 C81

67826 KEEP, J. M. Some observations on the use of the newer antibiotics in small animal practice. Austral. Vet. J. 28:89-98. Ref. Apr.1952. 41.8 Au72
Dogs.

67827 KLAAS, K. M. Erfahrungen mit dem sulfonamidpräparat "Ladogal liquid" beim hunde. Tierärztl. Umschau 7:169-172. May 1952. 41.8 T445

67828 KLAUSMAN, B. S., and BROWN, H. W. Report of a series of deliberate warfarin poisonings: suggested treatment. Vet. Med. 47:235-238. June 1952. 41.8 M69
Dogs

67829 KRAMER, W., and BEIJERS, J. D. Cervical prolapse of the intervertebral disk of the dog (enchondrosis intervertebralis). (In Dutch.) Tijdschr. v. Diergeneesk. 77:330-337. May 1,1952. 41.8 T431
English summary.

67830 LENNEP, E. W. VAN. A case of right arcus aortae in dog. (In Dutch.) Tijdschr. v. Diergeneesk. 77:381-385. May 15,1952. 41.8 T431

67831 LOWRY, R. K. Why dogs become deaf. All-Pets Mag. 23(5):51-52. May 1952. 48.8 AL5

67832 MAYER, K. Intramedullary pinning and delayed union in a Boston Terrier. No. Amer. Vet. 33:411-413,416. June 1952. 41.8 N812

67833 MONK, C. R. Anomalies in a male cat. (Abs.) Oreg. Acad. Sci. Proc. 2:3. 1948-51. 500 Or3

67834 NUNN, J. R. Toxaphene poisoning in dogs. Vet. Med. 47:256-257. June 1952. 41.8 M69

67835 OTTEN, E., WESTPHAL, A., and HENZE, S. Toxoplasmose, staupe, leptospirose; serologische untersuchungen über getrenntes und gemeinsames vorkommen beim hunde. Tierärztl. Umschau 7:153-157. Ref. May 1952. 41.8 T445

67836 PERRY, T. G. Canine coccidiosis: diagnosis and therapy with coccithane. Vet. Med. 47:221-228,241. Ref. June 1952. 41.8 M69

67837 PLOWRIGHT, W. An encephalitis-nephritis syndrome in the dog probably due to congenital Encephalitozoon infection. J. Compar. Path. & Ther. 62:83-92. Ref. Apr.1952. 41.8 J82

67838 RODAHL, K. Hypervitaminosis A in the dog. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:130. Mar.1952. 442.9 F31P

67839 SCHMIDT-TREPTOW, W. A. Einige behandlungsergebnisse mit Otrohomin-Weidner und Keratyp-Weidner (extra) in der hundepraxis. Berlin. u. Münch. Tierärztl. Wchnschr. 65:87-89. May 1952. 41.8 B45

67840 SCHWABE, O. A case of chronic infectious dermatitis. M.S.C. Veterinarian 12:146-148. Spring 1952. 41.8 M582
In a dog.

67841 SMITH, A. C. War against virus. Field 199: 791. May 17,1952. 10 F45
Diseases of dogs.

67842 STEEL, J. D. Observations on some diseases of the urinary tract in dogs. Austral. Vet. J. 28:76-80. Ref. Mar.1952. 41.8 Au72

67843 TEDDER, P. W. Esophageal worms [Spirocerca lupi] in a hound. Vet. Med. 47:257-258. June 1952. 41.8 M69

67844 TEUNISSEN, G. H. B. Surgery of thorax in cases of dilation of the esophagus and diaphragmatic hernia in small livestock. (In Dutch.) Tijdschr. v. Diergeneesk. 77:374-380. May 15,1952. 41.8 T431
English summary.
Dogs.

67845 TURVER, J. T. Correction of acute primary glaucoma in the dog by iridencleisis. Calif. Vet. 5(5):30-31. May/June 1952. 41.8 C12

67846 WRIGHT, N. P. The oddest dog in the world! The 'hairless'—and now they've found one, in the Andes, as big as an Alsatian! Dog World (n.s.)35:581,596. Apr.18,1952. 48.8 D674

Miscellaneous

67847 BARTON, F. T. The kennel encyclopaedia. Ed. 6, rev. by L. C. Wilson. London,Virtue,1951? 408 p. 48 B28K

67848 BERG, L. S. Some remarks on the origin of the domestic cat. (In Russian.) Priroda 40(12):53-55. Ref. Dec.1951. 410 P933

67849 CAMPBELL, O. On young dogs and elk hunting. (In Norwegian.) In Om elghunder og elgjakt i Norge de siste 50 år, p.72-76. Drammen,Lyche,1951. 412.6 N81

67850 CROSS, J. W., and SAUNDERS, B. The standard book of dog care, 1001 questions answered. New York,Greystone Press,1952. 656 p. 48 C88

67851 DONAT, W. Trail and tree hounds. Wildlife N. C. 16(6):4-7. June 1952. 279.8 N12

67852 FRERICHS. Einige bemerkungen zum dorstehen und instinkt unserer jagdhunde. Pirsch 4:288-291. Apr.26,1952. 410 P66

67853 SMITH, W. F., and MCSPADDEN, W. W. The dog as a city pet; a resource unit for the intermediate and junior high school grades. New York,Amer. Soc. for the Prevention of Cruelty to Anim.,1952. 60 p. Ref. 48 Sm6

67854 WILDER, H. F. Canine pediatrics. Allied Vet. 23(3):18-19. May/June 1952. 41.8 AL5

FUR ANIMALS - PEN RAISED

Breeds and Breeding

67855 TRONSLIEN, K. Red eyed royal pastel. (In Norwegian.) Norsk Pelsdyrbl. 26:194-195. Apr.20,1952. 412.628 N812
Mink.

Feeds and Feeding

67856 BURNS, C. Mink thrive on new feed supplement. Black Fox Mag. & Mod. Mink Breeder 36:12,22-23. May 1952. 410 B56

67857 EXPERIMENTS in feeding toasted (heat treated) cereals to fur animals. (In Swedish.) Vara Pälsdjur 23: 74-88. Mar.15,1952. 410 V42

67858 HESS, C. W. Important techniques of grinding and mixing a uniform ration. Black Fox Mag. & Mod. Mink Breeder 36:13,26. May 1952. 410 B56

67859 JACOBSEN, K. A. Feed formulas for fur animals. (In Danish.) Dansk Pelsdyrayl 15:137-142. May 1,1952. 412.628 D23

67860 STEVENSON, J. H. F. The feeding of mink. 3. Brit. Fur Trade 34:193. May 1952. 412.628 B77

67861 TUFFORD, H. H. Using fish as mink food. Natl. Fur News 24(5):14,24-25. June 1952. 412.628 R59

Veterinary Medicine

67862 CHADDOCK, T. T. Nutritional disturbances in mink. Natl. Fur News 24(5):10-11,27. June 1952. 412.628 R59

67863 PETERSON, I. A. Chinchilla dentistry. Auburn Vet. 8:147. Spring 1952. 41.8 Au1

Miscellaneous

67864 JUNGWIRTH, F. J. Pelztierzucht als erwerbszweig. Kosmos 48:65-68. Feb.1952. 474 K842

67865 MCNICHOL, H. L. Beaver raising. Fur-Fish-Game 47(6):46-47. June 1952. 410 F962

67866 PEDERSEN, R. Nutria. (In Swedish.) Våra Pälsdjur 23:92-93. Mar.15,1952. 410 V42

67867 ZANKER, S. Sommerhitze und andere schädliche einflüsse auf das fell des sumpfbibers. Deut. Pelztierzüchter 26:81-85. May 25,1952. 412.628 D48

HORSES AND MULES

Breeds and Breeding

67868 THE AMERICAN racing manual, 1952 edition; a reference book on Thoroughbred racing, with special exclusive features and other comprehensive and authoritative information on all turf subjects, including complete statistics for 1951. Chicago,Triangle P.,1952. 1145 p. 42.9 Am393

67869 THE AUSTRALIAN stud book, first supplement to vol. XXII; return of mares for 1950. Sydney,1951. 375 p. 42.9 Au7

67870 BILKE, E. Der fohlennachwuchs fehlt! Bauern-Ztg. 5(18):6. May 2,1952. 18 B324

67871 BURANDT, E. Ein beitrag zur lösung des problems der leistungsprüfung von wirtschaftspferden an hand einer neuen methode und deren auswertung innerhalb der mecklenburgischen landespferdezucht. (Sum.) Kühn-Arch. 64:413. 1951. 105.8 H15Ku

67872 CANADIAN NATIONAL LIVE STOCK RECORDS RECORD COMMITTEE. The Canadian national record general stud & herd book, v. 2. Ottawa,1952. 14 p. 49.7 C16
Includes Highland cattle.

67873 COLENBRANDER. Afterthoughts on the cold-blooded stallion inspection for 1952. (In Dutch.) Nieuwe Veldbode 18:479-480. Apr.17,1952. 12 V542N
Netherlands.

67874 HANSEN-ROSENTHAL, W. Die deutsche pferdezucht im zeitalter der motorisierung. Deut. Landwirt.-Gesell. Mitt. 67:292-294. May 3,1952. 18 N39

67875 HUISMAN, T. H. Stables of Dobbleaere at Ijzendijke. (In Dutch.) Nieuwe Veldbode 18:579-582. May 22,1952. 12 V542N
Pedigree tables of the horses owned.

67876 IVANOV, M. S. Draft characteristics of the trotter-Vladimir hybrids. (In Russian.) Konevodstvo 21 (10):3-12. Oct.1951. 42.8 K832

67877 JACKSON, J. G. For your information. 2-3. Thoroughbred Calif. 14:392,444,502, May-June 1952. 42.8 T393
Registration of Thoroughbred Foals.

67878 KAMPHUIS, J. B. Die Holsteiner pferde in Holland. Tierzüchter 4:258. May 20,1952. 49 T445

67879 KRASNIANSKII, I. S. Zootechnical work on stud farms in connection with the enlargement of the collective farms. (In Russian.) Konevodstvo 21(10):1-2. Oct.1951. 42.8 K832

67880 LAKOZA, I. I. Experiment in industrial crossing of local steppe horses with Ardennais sires under conditions of raising horses in droves in Western Kazakhstan. (In Russian.) Konevodstvo 21(11):6-11. Nov.1951. 42.8 K832

67881 LIEVENS, F. The breeding of heavy draft horses. (In Dutch.) Landbode 6(13):1-2. Mar.29,1952. 12 L234
Draft horses versus mechanization.

67882 LOEWENTHAL, K. Proposals for horse and mule breeding in Israel. (In Hebrew.) Hassadeh 32:160-162. Dec.1951. 26 H27

67883 MAARSINGH, R. A. Die züchtung des Oldenburgisch-Groninger pferdes in den Niederlanden. Tierzüchter 4:254-255. May 20,1952. 49 T445

67884 MAHAFFEY, L. Studies of fertility in the Thoroughbred mare. 3. Patterns of oestrous cycles and their influence on fertility. Austral. Vet. J. 28:53-71. Ref. Mar.1952. 41.8 Au72

67885 NEW YORK. DEPT. OF AGRICULTURE AND MARKETS. Stallion enrollments for the year 1951. N. Y. Dept. Agr. & Mkts. C. 718,16 p. n.d. 2 N482C

67886 PIRRI, J., JR., and STEELE, D. G. The heritability of racing capacity. Blood-Horse 63:976-977,990. May 31,1952. 42.8 T392

67887 RODON, J. M. Normas prácticas para el criador de caballos. Cult. Mod. 35:132. Apr.1952. 15 C89
Spain.

67888 SINIAEVA, E. A. Effect of feeding on reproductive capacity of stallions. (In Russian.) Konevodstvo 21(11):34-38. Nov.1951. 42.8 K832

67889 STEINLECHNER. Die zucht des Oldenburger pferdes in Osterreich. Tierzüchter 4:242. May 20,1952. 49 T445

67890 TURKINA, Z. G. Fundamental problems of pedigree work in horse breeding. (In Russian.) Konevodstvo 21(11):1-5. Nov.1951. 42.8 K832

67891 VOLKMANN, K. Ostfriesische stutenangeldschau—Aurich, 28. März 1952. Tierzüchter 4:216-217. May 5,1952. 49 T445

67892 WEADICK, G. The popular Quarter Horse. Canad. Cattlemen 15(5):40. May 1,1952. 49 C16

67893 WILSON, L. The blood is needed in all lands. Canad. Cattlemen 15(5):8-9. May 1,1952. 49 C16
Arabian lines in horse breeds.

Feeds and Feeding

67894 BASANTA, E. Alimentación de los reproductores equinos. Pampa Argentina 25(292):33. Apr.1952. 9 P19

67895 SHAFRAN, A. M. Feeding silage to horses. (In Russian.) Konevodstvo 21(11):39-40. Nov.1951. 42.8 K832

Veterinary Medicine

67896 AKERBLOM, E. Rickets in horses. Nord. Vetmed 4:471-480. May 1952. 41.8 N813

67897 CHERRY, L. M., and BANKS, A. W. A note on the blood pyruvic acid levels of normal horses, at rest and after exercise. Austral. Vet. J. 28:106-108. Apr. 1952. 41.8 Au72

67898 CROWHURST, R. C. Bone fractures of horses. Veteran 3:182-185. Autumn 1951. 41.8 V6493

67899 DAVIE, J., and WELLS, C. W. Equine melioidosis in Malaya. Brit. Vet. J. 108:161-167. May 1952. 41.8 V643

67900 DETWEILER, D. K. Electrocardiogram of the horse. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11: 34. Mar.1952. 442.9 F31P

67901 DEUBLER, M. J. Observations of the routine use of cervical cultures in mares. Vet. Med. 47:182-184. May 1952. 41.8 M69

67902 DOBBERSTEIN, J., and RAETHEL, S. Beiträge zur veterinärmedizinischen statistik bei pferd und rind. Monatsh. f. Vetmed. 7:141-148,167-171. Ref. Apr.-May 1952. 41.8 M742

67903 DUNN, W. H. The nervous system of race horses. Blood-Horse 63:910-911. May 17,1952. 42.8 T392

67904 FLUCKIGER, G. Internationale bestrebungen zur erforschung und bekämpfung der infektiösen pferdeanämie. Tierärztl. Umschau 7:207-208. June 1952. 41.8 T445

67905 FRASER, A. C. The horse and the general practitioner. Veteran 2:100-104,109. Spring 1951. 41.8 V6493

67906 FULTON, J. S., and BURTON, A. N. Human encephalitis in Saskatchewan caused by the virus of western equine encephalomyelitis. Canad. J. Pub. Health 43: 212-220. May 1952. 449.8 P964

67907 GERMANN, F. Untersuchungen über den einfluss der temperatur auf die senkungsgeschwindigkeit des pferdeblutes. Schweiz. Arch. f. Tierheilk. 94:228-242. Ref. Apr.1952. 41.8 Sch9
English summary.

67908 GOBEL. Die kastration der hengste. Bauern-Ztg. 5(21):4. May 23,1952. 18 B324

67909 GOMEZ, A. V. The biological derby. Thoroughbred Calif. 14:445,500-501. June 1952. 42.8 T393
Hormones for horses.

67910 GRAU, M. Investigaciones universitarias en pro de la cría caballar. Rev. Ganad. [Habana] 12(4):11-12. Apr.1952. 49 R321
Chiefly on dourine.

67911 HENDERSON, J. A., EVANS, E. V., and MCINTOSH, R. A. The antithiamine action of Equisetum. Amer. Vet. Med. Assoc. J. 120:375-378. Ref. June 1952. 41.8 Am3
Observed in horses.

67912 KHRAPOV, G. S. Paratyphoid of young horses maintained in droves. (In Russian.) Veterinariia 29(1): 23-31. Jan.1,1952. 41.8 V6426
Salmonella abortivoequina.

67913 KUHN, H. Untersuchungen über entwicklungsstörungen in einem fohlenaufzuchtbetrieb. Schweiz. Arch. f. Tierheilk. 94:242-259. Ref. Apr.1952. 41.8 Sch9
English summary.

67914 KUHN, K. H. Myocain "A"-Holzinger angewendet an zwei tetanusfällen beim pferd. Wien. Tierärztl. Monatsschr. 39:304-306. May 1952. 41.8 T345

67915 LEISTNER, W. Ein weiterer kasuistischer beitrag zur intravitalen fleischinfektion mit bact. paratyphi B schottmüller beim pferd. Tierärztl. Umschau 7: 206-207. June 1952. 41.8 T445

67916 LEVI-CASTILLO, R. The problem of human and equine encephalomyelitis in Ecuador. Acta Trop. 9: 77-80. Ref. 1952. 475 Ac8
Mosquitoes as vectors.

67917 MICHEL, G., and SANTENOISE, T. Fractionnement de la vagotonine (du cheval) par précipitation saline. Soc. de Chim. Biol. B. 34:20-25. Ref. Jan./Feb. 1952. 383 So1

67918 MITCHELL, W. M., and ZLOTNIK, I. Intermittent luxation of the patellae in a hunter. Vet. Rec. 64:329-330. May 31,1952. 41.8 V641

67919 MULLER, L. F., and KRAHNERT, R. Generalisierte karzinomatose bei einem pferd. Monatsh. f. Vetmed. 7:151-153. Apr.15,1952. 41.8 M742

67920 SCHUSTER, E. Ein ungewöhnliches aneurysma der Arteria iliocaecocolica beim pferd. Monatsh. f. Vetmed. 7:171-172. May 1,1952. 41.8 M742

67921 SESAKI, K. Studies on the erythrocyte sedimentation in animals. III. (In Japanese.) Utsunomiya U. Col. Agr. B. 1:224-230. Ref. Mar.1951. 107.6 Ut7B
English summary.
Horses.

67922 STEIN, C. D., GATES, D. W., and ROGERS, H. Attempts to propagate the virus of equine infectious anemia in embryonated eggs with special reference to cultivation in the yolk sac. Vet. Med. 47:229-232,234. June 1952. 41.8 M69

67923 THOM, M. Xray treatment of lameness. Thoroughbred Calif. 14:451,501. June 1952. 42.8 T393

67924 TODD, A. C. Control of strongyle parasites in horses. Ky. Agr. Expt. Sta. B. 582,22 p. Ref. Feb.1952. 100 K41

67925 TRUM, B. F., RUST, J. H., and WILDING, J. L. Clinical observations upon the response of the burro to large doses of external whole body gamma irradiation. Auburn Vet. 8:131-136. Ref. Spring 1952. 41.8 Au1

67926 UEDA, S., IWABUCHI, H., and TANAKA, T. A case report on the isolation of Salmonella brandenburg from a horse. Kitasato Arch. Expt. Med. 24:47. Oct. 1951. 448.8 K64

67927 WETZEL, R. Die entwicklungsdauer (praepatentperiode) von Strongylus edentatus im pferd. Deut. Tierarztl. Wchnschr. 59:129-130. May 1,1952. 41.8 D482

67928 WRIGHT, N. Some infectious diseases of horses. Canad. Cattlemen 15(5):18-19,26-27,30. May 1, 1952. 49 C16

Miscellaneous

67929 ALEKSA, A. On the Zhmud horse. (In Russian.) Konevodstvo 21(10):13-16. Oct.1951. 42.8 K832
History.

67930 AMERICAN HORSE SHOWS ASSOCIATION. Rule book, 1952, completely revised and rewritten. New York,1952. 216 p. 42.9 Am397

67931 BARMINTSEV, IU. N. Study of behavior peculiarities of horses raised in droves. (In Russian.) Konevodstvo 21(10):16-22. Oct.1951. 42.8 K832

67932 BERRY, M. F. Science and the stableman. Horse & Pony News 18:18-19. Apr.1952. 42.8 H789

67933 BOBYLEV, I. F. All-Union horse-sport competitions of 1951. (In Russian.) Konevodstvo 21(10):23-33. Oct.1951. 42.8 K832

67934 GORELOV, K. I. Practices of the leading horse raising farm of Kirov Kolkhoz of Mavrinskii Rural Soviet in Korobovskiĭ District, Moscow Region. (In Russian.) Konevodstvo 21(10):34-39. Oct.1951. 42.8 K832

67935 MELESHKO, A. A. Horse raising in Kara-Kalpakia. (In Russian.) Konevodstvo 21(11):13-19. Nov. 1951. 42.8 K832

67936 MONJOT, L., and WOODYARD, J. Cutting horses. West. Livestock J. 30(32):136-137,139-140. May 15,1952. 6 F2278

67937 MUILWIJK, E. VAN. The evolution of the warm blooded horse in Gelderland. (In Dutch.) Nieuwe Veldbode 18:548-550. May 8,1952. 12 V542N

67938 PATRUSHEV, I. P. In regard to branding [horses]. (In Russian.) Konevodstvo 21(11):12. Nov. 1951. 42.8 K832

67939 PHELPS, F. T. Early California history. Thoroughbred Calif. 14:386,417-418,448,484-485. (Cont.) May-June 1952. 42.8 T393

67940 PLAZA ESCUDERO, L. M. La Universidad de Mallorca, protectora de la cría caballar durante el reinado de los Reyes Católicos. B. de Divulg. Ganad. [Valladolid] 8:317-319. Sept.1951. 49.9 Sp12

67941 RUNCIMAN, D. Horses of the [Canadian] Northwest. Canad. Cattlemen 15(5):6. May 1,1952. 49 C16

67942 SEMIKRAS, A. I. My method of rearing horses. (In Russian.) Konevodstvo 21(11):27-33. Nov.1951. 42.8 K832

67943 SEZEMOV, M. K. Pedigreed horse raising farm of Komintern Collective Farm in Talov District, Voronezh Region. (In Russian.) Konevodstvo 21(11):23-26. Nov.1951. 42.8 K832

67944 SPEED, J. G., and ETHERINGTON, M. G. An aspect of the evolution of British horses. Brit. Vet. J. 108:147-153. May 1952. 41.8 V643

67945 TAYLOR, L. Showmanship lesson—small exhibitors must overcome many self-made handicaps in fitting colts. West. Livestock J. 30(32):169-173. May 15, 1952. 6 F2278

67946 TERACHE, P. Pour que les détracteurs du cheval belge n'aient pas raison. Sillon Belge 22(510):1,8. May 24,1952. 13 Si3

67947 WYNMALEN, H. The horse in action. III-IV. Field 199:785,822. May 17-24,1952. 10 F45

67948 ZAYAS, C., JR. Se debe reorganizar el Centro Caballar "El Dique?" Rev. Ganad. [Habana] 12(4):56-59. Apr.1952. 49 R321

LABORATORY ANIMALS, SMALL

Breeds and Breeding

67949 PETZSCH, H. Der syrische goldhamster (Mesocricetus auratus Waterhouse). Urana 15:95-100. Mar.1952. 474 Ur1

67950 SODERBERG, P. M. The Tortoiseshell and White. All-Pets Mag. 23(5):83-85. May 1952. 48.8 AL5
Cavies.

Veterinary Medicine

67951 KRUEGER, H., and others. Urinary sodium excretion of normal guinea pigs. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:86. Mar.1952. 442.9 F31P
R. Wulzen, D. Davis, and L. Yonce, joint authors.

67952 MIROFF, M. C. Cholesterol in the Syrian Golden hamster. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:108. Mar.1952. 442.9 F31P

67953 ST. GERMAIN, J., and ASMUS, M. L. Albino hamsters. All-Pets Mag. 23(5):83,85. May 1952. 48.8 AL5

POULTRY

Breeds and Breeding

67954 ALEXANDER, A. K. S. Give them the opportunity. Farmer & Stock-Breeder 66(3266):91. May 27, 1952. 10 F228
Poultry breeding.

67955 ARRÉS, J. Características y cualidades de las razas de combate. I-III. Valencia Avic. 8(10):32-34; (11): 31-32; (12):37-38. Nov.1951-Jan.1952. 47.8 V23

67956 BEESON, F. W. The Hampbar is making headway. Canada Poultryman 39(5):13-14. May 1952. 47.8 C166

67957 CLARK, L. How to grow a blue dun variant. Pa. Angler 21(5):20-21,27-28. May 1952. 410 P382
Breeding game cocks for feathers.

67958 DELL, A. Ventajas del ave Guinea. Chile Avic. 11:6771-6772. Feb./Mar.1952. 47.8 C43

67959 DENMARK. LANDSUDVALGET FOR FJERKRAEAVLEN. Officiel hanestambog [Official rooster flock book]. København,1951-1952. 2 v. 47.9 D412

67960 DUMAINE, H. Dindes et dindons pour la reproduction. Ferme 13(5):37-38,58; (7):75-79. (Cont.) Jan.,Mar.1952. 7 F38

67961 EBBELL, H. Betrachtungen über die verwertung züchterischer erkenntnisse. Geflügelhof 15:283-288. May 2,1952. 47.8 G276

67962 FRANQUELO, J. E. Paticultura—orientaciones sobre la cría del Khaki-Campbell. Valencia Avic. 8(12): 32-35. (Cont.) Jan.1952. 47.8 V23

67963 GARAU SALVA, J. La gallina negra de Baleares. Agricultura [Madrid] 21:198-199. Apr.1952. 15 Ag84

67964 GREENWOOD, A. W., and BLYTH, J. S. S. A repeated cross between inbred lines of poultry. J. Agr. Sci. 41:367-370. Oct.1951. 10 J822

67965 HANSON, R. M. Characteristics of hatching eggs of 3 line-bred matings of single comb White Leghorns in the fall season. (Abs.) Oreg. Acad. Sci. Proc. 2: 51-52. 1948-51. 500 Or3

67966 HAYS, F. A. Non-broody R.I. Red strain developed. Hatchery & Feed 26(6):44-45. June 1952. 47.8 H28

67967 HEIKENS, H. Das geflügelherdbuch als grundlage echter leistungssteigerung. Landwirtbl. Weser-Ems 99:338-339. Apr.3,1952. 18 L2345

67968 HEINZE, G. Das zuchtziel für die Orpington. Thür. Kleintierzüchter 6:122-123. Apr.20,1952. 49 T42

67969 HUNTER, I. R. The blue egg Araucana fowl. Poultry Press 38(14):4. May 22,1952. 47.8 P8643

67970 JAAP, R. G. New theories on methods of selection and mating in poultry. World's Poultry Sci. J. 8:114-127. Apr./June 1952. 47.8 W89

67971 JEAN, J. Choix des futurs reproducteurs: oies, dindons, pintades. Rustica 25:531. June 8,1952. 14 R92

67972 KNOWLES, T. E. Commercial breeding. Poultry Field 5(2):9-11. June 5,1952. 47.8 P8655

67973 KREBS, E. Das Schweizerhuhn. Geflügelhof 15:267-268. Apr.25,1952. 47.8 G276

67974 KÜLLING. Die brahmas; der kampf um eine aussterbende rasse. Geflügelhof 15:317-319. May 16, 1952. 47.8 G276

67975 MACKLIN, H. P. Pigeon portraits: the Saxony Cropper. Amer. Pigeon J. 41:170-171. June 1952. 47.8 Am35

67976 MEHROTRA, S. N. Spermatogenesis in the domestic pigeon. Benares Hindu U. J. Sci. Res. 1:157-168. July 1951. 330.9 B43

67977 MOORE, A. C. Turkey breeding and production. Poultry World 90(21,sup.):i-vi. May 22,1952. 47.8 P8682

67978 MULLER, J. Gestreifte Wyandotten, lebenskräftig und robust. Allg. Geflügel-Ztg. 32(15):1. May 20, 1952. 47.8 AL5

67979 MUNDERLOH, W. Die kämme unserer Italiener. Allg. Geflügel-Ztg. 32(9):1. Mar.20,1952. 47.8 AL5

67980 NAETHER, C. All-American pigeon breed. All-Pets Mag. 23(5):79,81-82. May 1952. 48.8 AL5
American Domestic Flight.

67981 NICHOLS POULTRY FARM. Hatching egg producers management guide for Nichols New Hampshires. Ed. 3, completely rev. Portland,Me.,1952. 28 p. 47 N512H

67982 OLSEN, M. W. Intra-ovarian insemination in the domestic fowl. J. Expt. Zool. 119:461-481. Ref. Apr.1952. 410 J825

67983 ROSSLER. Einige sorgen der trommeltaubenzüchter. Allg. Geflügel-Ztg. 32(13):3. May 1,1952. 47.8 AL5

67984 SAAVEDRA, R. Evidentes ventajas de las gallinas de cruce. Valencia Avic. 8(11):29-30. Dec.1951. 47.8 V23

67985 SWARTENBROEKX, J. Experiences with artificial incubation. (In Flemish.) Cult. en Handel 18: 237-238. Apr.1952. 80 C892

67986 WOITH, W. Weisse Rheinländer. Allg. Geflügel-Ztg. 32(8):1;(9):2. Mar.10-20,1952. 47.8 AL5

67987 ZIMMERT, E. Für die züchter goldfarbiger italiener: voran die leistung! Allg. Geflügel-Ztg. 32(7):1. Mar.1,1952. 47.8 AL5

Feeds and Feeding

67988 ARSENAULT, L. Dehors les poulettes—. Foyer Rur. [Montreal] 11(7):5,8. May 1952. 7 F83
Feeding.

67989 BARCELO GARCIA DE PAREDES, A. La alimentación en avicultura. Balearic Isl. Diputación Prov. B. de Agr. 90:5. Mar.1952. 15 B19
Spain.

67990 BERG, L. R. Unidentified factors in fish byproducts required for chick growth. Feedstuffs 24(22): 12,44. May 31,1952. 286.81 F322

67992 BODENHAMER, S. H. Study various feeding programs for best pullet growth. Mo. Rur. 93(10):4. May 24,1952. 6 R8891

67991 BLAYLOCK, L. G., RICHARDSON, L. R., and LYMAN, C. M. Studies with chicks receiving suboptimum amounts of vitamins with and without antibiotics. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:437. Mar. 1952. 442.9 F31P

67993 BROWN, W. O. Australian sorghum as a cereal ingredient in chick rearing rations. North. Ireland. Min. Agr. Res. & Expt. Rec. 1951:44-47. 1952. 10 N81R

67994 BROWN, W. O. The use of all-vegetable diets in animal feeding. 1. The value of condensed fish solubles and a vitamin B12 concentrate in a chick mash containing sunflower and earthnut cake meals as the high-protein source. North. Ireland. Min. Agr. Res. & Expt. Rec. 1951:24-31. Ref. 1952. 10 N81R

67995 BROWN, W. O. The value of riboflavin from Eremothecium ashbyii in chick-rearing diets. J. Sci. Food & Agr. 3:234-236. Ref. May 1952. 382 So12

67996 CARPENTER, K. J., and DUCKWORTH, J. Economies in the use of animal by-products in poultry rations. I. Vitamin and amino-acid provision for starting and growing chicks. J. Agr. Sci. 41:297-308. Ref. Oct. 1951. 10 J822

67997 CASA PACHECO, MARQUES DE. Será verdad? Valencia Avic. 8(12): 24-25. Jan.1952. 47.8 V23

67998 COMBS, G. F. Recent findings in poultry nutrition. World's Poultry Sci. J. 8:144-146. Apr./June 1952. 47.8 W89

67999 COMBS, G. F. Unidentified growth factors in poultry nutrition. Cornell Nutr. Conf. Feed Mfr. Proc. 1951:14-20. Ref. 389.79 C81

68000 COUCH, J. R., and others. Distillers solubles and other sources of unidentified factors for promoting the growth of chicks and poults. Distillers Feed Conf. Proc. 7:59-71. Ref. 1952. 389.79 C765
J. R. Reed, Jr., B. L. Reid, and J. W. Dieckert, joint authors.

68001 COUCH, J. R. Research continues to provide better [poultry] feeds. Broiler Growing 3(6):46-48. 1952. 47.8 B782

68002 CRAVENS, W. W., Not all feeds need antibiotics; value in poultry rations varies with purpose. Feed Bag 28(6):50,53. June 1952. 389.78 F32

68003 CRAVENS, W. W. The practical role of antibiotics in manufactured poultry feeds. Amer. Miller & Processor 80(5):64-65. May 1952. 298.8 Am32

68004 ELY, C. M., and SCHOTT, S. Surface active agents as growth stimulators in chick rations. Distillers Feed Conf. Proc. 7:72-84. 1952. 389.79 C765

68005 GOODELL, R. A. Meat type pullets need proper feeding. Broiler Growing 3(6):14,53-55. June 1952. 47.8 B782

68006 GRATON, A. Les pâturages pour volailles sont trop souvent négligés. B. des Agr. 34,i.e.48(5):20, 80. May 1952. 7 B872

68007 HICKINBOTHAM, D. P. Poultry feeding requirements: some applications of recent research. Inst. Corn & Agr. Merchants. J. 3:113-115. Spring 1952. 10 In7

68008 HILL, C. H., and BORCHERS, R. Growth retarding effect of unheated soybeans. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:446. Mar.1952. 442.9 F31P
Fed to chicks.

68009 JENNINGS, J. Water in the battery. Mod. Poultry Keeping 66:514. May 7,1952. 47.8 Eg3

68010 JUKES, T. H. Factors involved in utilization of homocystine by chicks. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:447. Mar.1952. 442.9 F31P

68011 LE GALLIC, P. Nouvelles recherches sur l'équilibre alimentaire et sur les besoins du pigeon en vitamine B1. Soc. de Biol. Compt. Rend. 146:8-10. Jan. 1952. 442.9 P21

68012 MCGINNIS, J., BERG, L. R., and SAXENA, H. Unidentified growth factors for chicks. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:450-451. Mar.1952. 442.9 F31P

68013 MACHLIN, L. J., and others. Synthesis of cystine from inorganic sulfate by the hen. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:448-449. Mar. 1952. 442.9 F31P
C. A. Denton, P. B. Pearson, and H. R. Bird, joint authors.

68014 MEHNER, A. Versuche über die mästung von junghähnchen leichter rasse unter verwendung von hormonpräparaten. Deut. Wirtgeflügelzucht. 4:365-367. May 3,1952. 47.8 D483

68015 MILLER, D. W. Pitfalls in evaluating growth tests. Amer. Miller & Processor 80(5):86,89. May 1952. 298.8 Am32
Tests with chicks.

68016 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Eggs from vitamin A. North. Ireland. Min. Agr. Mon. Agr. Rpt. 27:7-9. May 1952. 256.13 Ag82M

68017 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Feeding for egg production. North. Ireland. Min. Agr. L. 3,8 p. May 1952. 10 N81

68018 PATTON, A. R. Along the nutritional front; summary of 1951. Poultry Comment 9:4. Mar.1952. 47.8 D92

68019 PAYNE, L. Use cheaper grains to get cheaper but smaller gains; second Kansas tests prove milo produces for less. Turkey World 28(6):24,58-60. June 1952. 47.38 T84

68020 PETERSEN, N. Erhöhte fruchtbarkeit der bruteier durch richtige fütterung. Geflügelhof 15:255-256. Apr.18,1952. 47.8 G276

68021 PROULX, J. R. Pourquoi élever vos poulets sur pâturage? Avicult. Québecois 7(5):3-5. May 1952. 47.8 Av88

68022 QUACKENBUSH, F. W. What the laboratory can learn about feed. Grain & Feed J. Consolidated 108 (10):18,23,26. May 28,1952. 298.8 G762
Chicks.

68023 RICE, S. A. How I grind my wheat for cheapening chick feeding. Smallholder 87(2188):16. Apr.25,1952. 10 Sm1

68024 RÖGER, W. Gewinnbringende geflügelmast; ein leitfaden zur erzielung besseren schlachtgeflügels durch einfache mastmethoden. Ed. 3. Stuttgart,Pfenningstorff,1951? 74 p. 47 R632

68025 RÖMER, R. Die aufzucht der hühnerkücken--fütterung. Geflügelhof 15:252-254. Apr.18,1952. 47.8 G276

68026 ROSENBERG, M. M., and SEU, J. Sweet potato root meal versus yellow corn meal in the chick's diet. World's Poultry Sci. J. 8:93-98. Apr./June 1952. 47.8 W89

68027 ROY, J. B. Volailles, pâturages et verdure. Avicult. Québecois 7(4):11. Apr.1952. 47.8 AV55

68028 RUSSELL, W. C., TAYLOR, M. W., and PRICE, W. A., JR. Retention of essential amino acids when inadequate quantities are fed to the growing chick. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:455. Mar.1952. 442.9 F31P

68029 SHAW, R. B., and NIGHTALL, E. W. Pullet rearing and egg production on home grown foods. World's Poultry Sci. J. 8:128-132. Apr./June 1952. 47.8 W89

68030 SINGSEN, E. P., and MATTERSON, L. D. Experiments with high efficiency broiler rations. Distillers Feed Conf. Proc. 7:50-58. 1952. 389.79 C765

68031 STAPMANNS, W. Die mineralstoffe in der hühnerernährung. Deut. Wirtgeflügelzucht. 4:341-342. Apr.19,1952. 47.8 D483

68032 THAXTON, J. E. Give turkeys a good range. Amer. Poultry J. 83(6):12,21. June 1952. 47.8 Am32

68033 U. S. BUR. OF ANIMAL INDUSTRY. Broiler profits depend on efficient feed conversion. More meat for defense. Washington,1952. 2 p. 1.972 A2B78

68034 WOLFE, T. K. Pastures to fit your needs. Turkey World 28(6):14,54,56. June 1952. 47.38 T84

68035 ZAMBRANO, J. A. Tablas de valores biológicos y lotes testigos. Valencia Avic. 8(12):28-30. Jan. 1952. 47.8 V23
Poultry feed formulas.

Veterinary Medicine

68036 ADLER, H. E., and SPENCER, G. R. Immunization of turkeys and pigs with an erysipelas bacterin. Cornell Vet. 42:238-246. Ref. Apr.1952. 41.8 C81

68037 ALIBRANDI, G. Specific nutritive factor for the sexual development of the chicken. (In Italian.) Accad. Naz. dei Lincei. Cl. di Sci. Fis. Mat. e Nat. Atti. Rend. (ser.8)11:116-118. July/Aug.1951. 507 R66

68038 ALTIMIRA RAVENTOS, C. La plata coloidal y la coccidiosis aviar. Cult. Mod. 35:137-138. Apr. 1952. 15 C89

68039 BANG, F. B. Development of Newcastle disease virus in chick embryo cells. A study with the electron microscope. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:408. Mar.1952. 442.9 F31P

68040 BANG, F. B., FOARD, M. A., and LIBERT, R. The effect of Newcastle disease virus on chicken red blood cells. Amer. J. Hyg. 55:363-386. Ref. May 1952. 449.8 Am3
I, by F. B. Bang and M. A. Foard; II, by F. B. Bang and R. Libert.

68041 BRONZETTI, P. On the cloaca of "Meleagris gallopavo domestica" with particular reference to the organ of copulation. (In Italian.) Biol.Latina 4:475-488. Ref. Dec.1951. 442.8 B5226
English summary.

68042 CARIDROIT, F., and BRARD, E. Action de deux hormones synthétiques récentes, cycladiène et cycloestrol (dièneoestrol) sur des coqs Leghorn doré. Soc. de Biol. Compt. Rend. 145:1848-1851. Dec.1951. 442.9 P21

68043 COLE, R. K. Controls for leucosis. East. Feed Merchant 3(6):24-25,68. June 1952. 389.78 Ea7

68044 CORRADETTI, A., and CAVACEPPI, L. Modifications in the course of immunologic process in infection by "Plasmodium gallinaceum" and a demonstration of the existence of cellular immunity found in endotheliums but absent from the red blood cells. (In Italian.) Ist. Super. di Sanit. Rend. 14:960-972. 1951. 449.9 R66
English summary.

68045 DALGAARD-MIKKELSEN, S., LANGMACK, J. V., and MARTHEDAL, H. E. Effect of sulfonamides and chloramine on the egg production in hens. (In Danish.) Nord. Vetmed. 4:481-493. Ref. May 1952. 41.8 N813
English summary.

68046 DALTON, J. How to protect broilers against Newcastle, also what vaccines to use for layers. Amer. Poultry J. 83(5):8,21,32. May 1952. 47.8 Am32

68047 DAVIS, O. S. How many diseases? East. Feed Merchant 3(6):24-25. June 1952. 389.78 Ea7
The avian leucosis complex.

68048 DOBSON, N. Newcastle disease. World's Poultry Sci. J. 8:107-113. Apr./June 1952. 47.8 W89

68049 DOBSON, N. Newcastle disease: an examination of the vaccination situation. Poultry Field 5(2):20-21. June 5,1952. 47.8 P8655

68050 DRILLING, G. Neuere erkenntnisse über die geflügelpest. Allg. Geflügel-Ztg. 32(5):1,5. Feb.10,1952. 47.8 AL5

68051 FARR, M. M., and WEHR, E. E. Eimeria truncata associated with morbidity and death of domestic goslings. Cornell Vet. 42:185-187. Ref. Apr.1952. 41.8 C81

68052 GOLDHAFT, A. D. A poultry service program for the veterinarian. Pa. U. Sch. Vet. Med. Ext. Q. 126: 85-95. Apr.17,1952. 41.9 P386

68053 GONZALEZ SILVA, E. J. El colera aviar. Pampa Argentina 25(292):12. Apr.1952. 9 P19

68054 GORDON, R. F. Parasites and disease in built up litter. Poultry Field 5(3):6-8. June 19,1952. 47.8 P8655

68055 HARTWIGK, H. Uber eine angeborene beinverdrehung bei hühnerküken. Deut. Tierarztl. Wchnschr. 59:130-132. Ref. May 1,1952. 41.8 D482

68056 HENDERSON, W. Infectious sinusitis of turkeys. Amer. Poultry J. 83(5):7. May 1952. 47.8 Am32

68057 HOEDEMAKER, L. Poultry diseases at the World's Poultry Congress, (Paris, Aug. 2-9, '51). (In Dutch.) Tijdschr. v. Diergeneesk. 77:363-373. May 15, 1952. 41.8 T431

68058 HURLIMANN-HESS, A. Truten von der residenz der kochtöpfe aus betrachtet. Geflügelhof 15: 301-302. May 9,1952. 47.8 G276
Size.

68059 JANSEN, J. Lecture given by Prof. Dr. Jac Jansen on April 3, 1952 at Utrecht. (In Dutch.) Pluimveeteelt 5(9):4-5. Apr.25,1952. 47.8 P722
Poultry diseases.

68060 JUNGHERR, E. Modern drugs help keep your poultry healthy. East. States Coop. 28(6):8-10. June 1952. 280.28 Ea7

68061 KÄPPELI, P. Der verlauf der geflügelpest in Deutschland. Geflügelhof 15:315. May 16,1952. 47.8 G276

68062 KENDALL, S. B., and MCCULLOUGH, F. S. Relationships between sulphamezathine therapy and the acquisition of immunity to Eimeria tenella. J. Compar. Path. & Ther. 62:116-124. Apr.1952. 41.8 J82

68063 KLEMM. Die sulfaguanidine als vorbeugungs- und heilmittel gegen pullorum (weisse kükenruhr). Allg. Geflügel-Ztg. 32(11):2. Apr.10,1952. 47.8 AL5

68064 KOCH, W. Hormone steuern den bruttrieb. Orion 7:253-256. Apr.1952. 474 Or4

68065 LAHOZ, V. Parasitosis intestinales, vermicidas y vermifugos. Valencia Avic. 8(9):25-27. Oct. 1951. 47.8 V23

68066 LEVINE, N. D. Eimeria magnalabia and Tyzzeria sp. (Protozoa: Eimeriidae) from the Canada goose. Cornell Vet. 42:247-252. Ref. Apr.1952. 41.8 C81

68067 LLOYD, E. C. Newcastle disease. World's Poultry Sci. J. 8:99-107. Apr./June 1952. 47.8 W89

68068 LUKE, D., GORDON, W. A. M., and GRACEY, J F. Observations on the epidemiology and control of fowl typhoid in Northern Ireland during 1948-1950. North. Ireland. Min. Agr. Res. & Expt. Rec. 1951:60-65. 1952. 10 N81R

68069 MILLER, O. N., and RIGDON, R. H. Pancreatic fibrosis in ducklings as result of nutritional deficiency. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:422. Mar.1952. 442.9 F31P

68070 MOHR, F., and HABERER, H. Magendivertikel beim huhn. Tierärztl. Umschau 7:175-176. May 1952. 41.8 T445

68071 MONLUX, W. S., and DELAPLANE, J. P. Hemangiomas in the skin of the chicken. Cornell Vet. 42: 193-196. Apr.1952. 41.8 C81

68072 MÜLLER, E. Die geflügelpest. Landwirtshcaft 9/10:161-162. May 1952. 19 L235
Austria.

68073 MULLER, W. Die gitigkeit von hexapräparaten [Hexachlorcyclohexan] beim geflügel. Geflügelhof 15:299-300. May 9,1952. 47.8 G276

68074 NELSON, C. B., and others. An outbreak of conjunctivitis due to Newcastle disease virus (NDV) occurring in poultry workers. Amer. J. Pub. Health 42:672-678. Ref. June 1952. 449.9 AmJ
B. S. Pomeroy, K. Schrall, W. E. Park, and R. J. Lindeman, joint authors.
In a produce plant.

68075 OLSEN, O. W. Avioserpens bifidus, a new species of nematode (Dracunculidae) from ducks. Amer. Micros. Soc. Trans. 71:150-153. Apr.1952. 440.9 Am33

68076 PAIEMENT, R. J. La coccidiose aviaire. Ferme 13(7):74,88. Mar.1952. 7 F38

68077 PAIEMENT, R. J. Maladies des volailles. Ferme 13(7):68-71. Mar.1952. 7 F38

68078 PAIEMENT, R. J. Pour mieux produire de la chair de volaille. Ferme 13(9):42-43. May 1952. 7 F38
Caponizing.

68079 PEARSON, I. G. Coccidiosis, a devastating disease of poultry. Agr. Gaz. N. S. Wales 63:156-160, 168. Mar.1952. 23 N472

68080 PEROTTI, R. M. Coriza infeccioso o moquillo de las aves. Mundo Agr. 4(35):92-93. Apr.1952. 9 M92

68081 PETERSON, E. H. Terramycin—new weapon against blue comb. Poultry Tribune 58(6):26,30. June 1952. 47.8 P8642

68082 PIERCY, S. E. The immunising properties of an egg-adapted strain of fowl pox virus. J. Compar. Path. & Ther. 62:152-160. Apr.1952. 41.8 J82

68083 POMEROY, B. S. Coccidiosis in turkeys. Minn. Gobbles 6(12):13. May 1952. 47.38 M66

68084 POMEROY, B. S. Early poult losses may be prevented. Minn. Gobbles 6(11):9,27. Apr.1952. 47.38 M66

68085 RINDFLEISCH-SEYFARTH, M. Die durch fischmehlhaltiges futter und ungeeignete arzneimittel verursachten schäden bei hühnern. Berlin. u. Münch. Tierärztl. Wchnschr. 65:89-91. May 1952. 41.8 B45

68086 ROCHE, J., and DESRUISSEAUX, G. Sur la concentration de l'iode par l'ovaire de la poule en période de ponte. Soc. de Biol. Compt. Rend. 145:1831-1833. Dec. 1951. 442.9 P21

68087 ROCHE, J., and others. Sur les modalités de la concentration du radioiode (I^{131}) dans le vitellus de l'oeuf de poule et sur la formation ovarienne de combinaisons iodées. Soc. de Biol. Compt. Rend. 145:1833-1836. Dec. 1951. 442.9 P21
O. Michel, R. Michel, and M. Marois, joint authors.

68088 SAN MIGUEL, J. Diftero - viruela. Chile Avic. 11:6763-6765. Feb./Mar.1952. 47.8 C43

68089 SASSENHOFF, I. Wissenswertes vom 9. Weltgeflügelzüchterkongress in Paris über die erforschung der geflügelkrankheiten. Deut. Wirtgeflügelzucht. 4:377-378. May 10,1952. 47.8 D483

68090 SYLSTRA, A. A. Treatment of fowl cholera. Flour & Feed 53:33. June 1952. 298.8 F66

68091 TRENCHI, H. La importancia de la sanidad en la explotación de las aves. Agr. Costarricense 10: 88-93. (Cont.) Apr.1952. 8 Ag895

68092 VEIGA, F. Diseases of doves and their treatment. (In Portuguese.) Sitios e Fazendas 18(4):28-29. Apr.1952. 9.2 Si8
Brazil.

68093 WILEY, J. R. "Colds" are caused by a number of known respiratory diseases. Broiler Growing 3(6):16-17,44-45. June 1952. 47.8 B782

68094 WILSON, W. O., and EDWARDS, W. H. Response of hens under thermal stress to dehydration and chilled drinking water. Amer. J. Physiol. 169:102-107. Apr.1,1952. 447.8 Am3

68095 WITTER, F., and CHUTE, H. Animal pathology extends its services. Maine Poultry Impr. Assoc. Ybk. 1952:53,55,57. 47.9 M282
Poultry disease work at Maine University College of Agriculture.

Miscellaneous

68096 BRANN, V. H. "Intensive" cockerel rearing; interest in American-style floor-brooding of chicks. Australas. Poultry World 23(8):29,31. Mar.5,1952. 47.3 Au72

68097 BREMER, P. J. VAN DE. Practische pluimveeteelt [Practical poultry raising]. 's-Hertogenbosch, 1951. 56 p. (Malmberg's Boeren- en Tuindersbibliotheek onder Redactie van het Ontwikkelingsinstituut van de K.N.B.T.B.) 47 B754

68098 BUTTNER, E. E. So you want to keep pigeons! Laying and hatching. So. African Poultry, Pigeon & Bird Mag. 80(484):26,24. May 1952. 47.8 So83

68099 CANADA. DEPT. OF AGRICULTURE. PRODUCTION SERV. LIVESTOCK AND POULTRY DIV. Canada poultry R. O. P., annual summary, 1950-1951. Ottawa,1952? 43 p. 47.9 C162C
In English and French.

68100 CASA PACHECO, MARQUES DE. Deducciones de los concursos de puesta. Valencia Avic. 8(9):21-22; (10):23-24. Oct.-Nov.1951. 47.8 V23
Belgium and Switzerland.

68101 CASSELL, L. W. There is no more important requirement than the timely culling of the flock. Canad. Poultry Rev. 76(6):7-8,17-18. June 1952. 47.8 C16

68102 COX, W. T. When wild gobblers roamed the Americas; the story of a truly American bird. Minn. Gobbles 6(11):11-12. Apr.1952. 47.38 M66

68103 DAZUR, C. V. Wege zu einer deutschen fleischtaubenzucht. Deut. Wirtgeflügelzucht. 4:382-383, 396. May 10-17,1952. 47.8 D483

68104 DETRY, E. Contribution à l'éducation de l'amateur avicole. Cour. Hort. 14:157-158. Mar.1952. 80 C834

68105 EELES, D. P. Poultry management—chick rearing. Cyprus. Dept. Agr. L. (Educ. Ser.) 30,6 p. 1952. 21 C99Le

68106 EISEN, H. Batteries for beginners. 1-2, 4, 6. Poultry 110:329,346,378,409. May 20-27,June 10,24,1952. 47.8 P869

68107 ERHARD, F. Aufbau und betrieb einer eier- und schlachgeflügelfarm in Brasilien. Deut. Wirtgeflügelzucht. 4:344-345. Apr.19,1952. 47.8 D483

68108 FELTWELL, R. Turkeys. Gt. Brit. Min. Agr. Agriculture 59:75-78. May 1952. 10 G79J
Care and management.

68109 FUNK, E. M. Ten years of chick livability records. Mo. Poultry Impro. Assoc. Ybk. 1952:10-11. 47.9 M693

68110 GOLDHAFT, A. D. A report of the World's Poultry Congress in Paris—1951. Pa. U. Sch. Vet. Med. Ext. Q. 126:79-84. Apr.17,1952. 41.9 P386

68111 GORDY, J. F. Chickens can't sweat: let's keep' em c-o-o-l! N. J. Farm & Gard. 23(6):46,48. June 1952. 6 G162

68112 GROVES, D. Streamlined broiler production. Successful Farming 50(6):38,70,72. June 1952. 6 Su12

68113 HALBROOK, E. R. Poultry teaching, research at Montana State College. Mont. Farmer-Stockman 39 (17):30-?1. May 1,1952. 6 M764

68114 HALBROOK, E. R. Vitamin B_{12} synthesis in poultry house litter. Feedstuffs 24(22):22,24-27,30-31. May 31,1952. 286.81 F322

68115 HALE, M. Raising table ducks. 2-3. Poultry World 90:582,605. June 5-12,1952. 47.8 P8682

68116 HARTMAN, R. Your birds will need shade. Turkey World 28(6):11,32. June 1952. 47.38 T84

68117 HEILER, F. Kalter oder warmer stall. Allg. Geflügel-Ztg. 32(5):2. Feb.10,1952. 47.8 AL5

68118 HENISCH, G. Vergleiche zwischen früh- und spätbruten. Österr. Kleintierzüchter 7/8:53-54. Apr. 1952. 49 Os7

68119 HEUVEL, C. V. D. Further care. From chicks to young hens! (In Dutch.) Pluimveeteelt 5(8):1-2. Apr. 11,1952. 47.8 P722

68120 HOIE, J. Deep litter. (In Norwegian.) Produsenten 20(5):6,13-14. May 1952. 11 P94
For poultry.

68121 HOOGENDOORN, J. Travel impressions from England. (In Dutch.) Pluimveeteelt 5(8):4-5. Apr.11, 1952. 47.8 P722
Poultry raising.

68122 HUNT, R. W. T. Batteries, deep litter, or hen yards? Nottingham U. Dept. Agr. Econ. Farm Mgt. Notes 7:23-25. Spring 1952. 281.9 N842

68123 JEFFREY, F. P. Infra-red brooding. Poultry Indus. [Boston] 57(4):6. Apr.1952. 47.8 N44
Includes costs.

68124 JONES, R. E. Get more summer eggs. Poultry Tribune 58(6):9,18-19. June 1952. 47.8 P8642

68125 KLEIN, G. T. Here are some things to do to keep summer production from dropping. Amer. Poultry J. 83(6):10,17,31,33. June 1952. 47.8 Am32

68126 KORTUM, M. A warm hover in a cold room makes the chick. Nulaid News 30(2):12. June 1952. 47.8 N917

68127 LABORDE-BOIS, P. Huevos para incubar. Valencia Avic. 8(12):23-24. Jan.1952. 47.8 V23

68128 LASTRETO, R. Pullet production. San Joaquin Val. Poultryman 22(11):13-14. Apr.1952. 47.8 Sa53

68129 LEE, A. R., and HAYNES, S. Duck raising. U. S. D. A. Farmers' B. 697,slightly rev.,22 p. Apr.1952. 1 Ag84F

68130 LESLIE, V. Avicultura. Almanaque Agr. Nac. 1952:79-82. 8 AL64

68131 LESLIE, V. La cría de aves para la mesa. Chile Avíc. 11:6761-6762,6779-6780,6787-6788,6823-6824. Feb./Mar.-Apr.1952. 47.8 C43

68132 LEVINE, P. E. Arguments for and against built-up litter. Poultry Indus. [Boston] 57(4):8. Apr.1952. 47.8 N44

68133 LINDEN, ZUR. Geflügelleistungsprüfung 1950/51. Hannoversche Land- u. Forstwirt. Ztg. 105: 59-60. Jan.19,1952. 18 H194

68134 MCMULLEN, H. Competition brings need for better management. Broiler Growing 3(6):11, 50-51. June 1952. 47.8 B782

68135 MEHNER, A. Warum hühnerleistungsprüfungen? Reich der Landfrau 18:137-138. May 3,1952. 18 L2347

68136 MISSOURI POULTRY IMPROVEMENT ASSOCIATION. 1952 yearbook. Columbia,1952. 70 p. 47.9 M693
Includes list of poultry and turkey hatcheries.

68137 MOLENAAR, A. Are the chickens that lay the golden eggs, slaughtered? (In Dutch.) Pluimveeteelt 5(8):7. Apr.11,1952. 47.8 P722
Culling.

68138 NOLD, R. Rätsel um die orientierung unserer brieftauben. Allg. Geflügel-Ztg. 32(8):3. Mar.10,1952. 47.8 AL5

68139 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Culling the growing pullets. North. Ireland. Min. Agr. Mon. Agr. Rpt. 27:11-13. May 1952. 256.13 Ag82M

68140 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Deep litter poultry keeping. North. Ireland. Min. Agr. L. 127,9 p. May 1952. 10 N81

68141 OSPINA LEON, A. Apuntes sobre la cria de patos. Agr. Trop. 8(4):53-54. Apr.1952. 26 Ag8

68142 PAIEMENT, R. J. Comment soigner et alimenter le troupeau de ponte. Ferme 13(5):29-31. Jan.1952. 7 F38

68143 PERUCHON DE BROCHARD, J. La conservation à l'élevage des oeufs du jour sans chambre froide par le procédé des huiles minérales bactéricides. Voix des Colons 34(1658):2,4. Apr.28,1952. 24 V85

68144 PETERSEN, N. Praktische grundsätze erfolgreicher kükenaufzucht. Allg. Geflügel-Ztg. 32(10):1. Apr.1,1952. 47.8 AL5

68145 PIJOAN Y GRAU, M. Estudios sobre la cria de patos. Valencia Avic. 8(9):27-28. Oct.1951. 47.8 V23

68146 PLATT, C. S. Do our N. J. laying tests need revision? N. J. Farm & Gard. 23(6):44-45. June 1952. 6 G162

68147 POLLARD, W. S. Brooding and raising chicks. Ark. Agr. Col. Ext. C. 194,rev.,20 p. June 1951. 275.29 Ar4

68148 POWELL-OWEN, W. Ducks and geese. Poultry World 90(23,sup.):i-vii. June 5,1952. 47.8 P8682

68149 PROULX, J. R. Renseignements supplémentaires sur les infra-rouges. Avicult. Québecois 7(4):7-9. Apr.1952. 47.8 AV55
In poultry raising.

68150 ROMER, R. R. Legeleistung. Reich der Landfrau 18:139. May 3,1952. 18 L2347

68151 ROMER, R. R. Neue gedanken in der geflügelhaltung. Ubersicht 3(4):49-55. Apr.1952. 18 Ub3
Germany.

68152 ROY, J. B. Partez bien vos dindonneaux. Avicult. Québecois 7(5):7-9. May 1952. 47.8 Av88

68153 ROY, J. B. Pourquoi ne pas elever des chapons en 1952? Avicult. Québecois 7(4):3-4. Apr.1952. 47.8 AV55

68154 SEITZ, P. H. Management and poultry health. Pa. U. Sch. Vet. Med. Ext. Q. 126:96-101. Apr.17,1952. 41.9 P386

68155 SHAW, J. They "mow" your grass and find their keep. Poultry World 90:508. May 15,1952. 47.8 P8682
Geese.

68156 SHIRKY, S. B. Poultry short courses at Missouri [University College of Agriculture]. Mo. Poultry Impr. Assoc. Ybk. 1952:8-9. 47.9 M693

68157 SMITH, G. W. Turkey production. Agr. Gaz. N. S. Wales 63:161-164. (Cont.) Mar.1952. 23 N472
Incubation and brooding.

68158 SMITH, G. W. Turkey production as growing industry here. Land [Sydney] 2104,i.e.2105:24-25. (Cont.) Feb.15,1952. 23 L22

68159 STEFFELBAUER, K. Kückenaufzucht. Österr. Kleintierzüchter 7/8:52-53. Apr.1952. 49 Os7

68160 STRACHAN, S. G. Changes in seasonality of egg production, 1948/51. Scot. Dept. Agr. Farm Econ. 23:20-22. Spring 1952. 281.9 Sco3F
Scotland.

68161 SUAREZ, J. A. De la naturaleza a la industria. Valencia Avic. 8(12):35-36. Jan.1952. 47.8 V23
Poultry care.

68162 SWEET, M.C. Sell those loafers. Poultry Tribune 58(6):28-29. June 1952. 47.8 P8642

68163 THEISEN, E. J. Pigeons circling at liberation. Amer. Racing Pigeon News 68(5):12-15. May 1952. 47.8 H75

68164 THORNBER, C. Advantages of deep litter. I-II. Mod. Poultry Keeping 66:574-575,600-601. May 21-28, 1952. 47.8 Eg3

68165 TORRES DE HARO, C. Más granjas. Valencia Avic. 8(12):26-27. Jan.1952. 47.8 V23
Management.

68166 TORRES DE LA PUERTA, C. Detalles de la incubación artificial. Chacra 22(258):44. May 1952. 9 C34

68167 U. S. BUR. OF ANIMAL INDUSTRY. Quality counts in chicks. More meat for defense. Washington, 1952. 2 p. 1.972 A2Q22

68168 WEBSTER, W. Poultry meat production trends. (Extr.) Victorian Poultry J. 38(8):13. Mar.1,1952. 47.8 V662

68169 WEISSENHOFER-PÖCHHACKER, V. Das kückensortieren. Österr. Kleintierzüchter 7/8:50. (Concl.) Apr.1952. 49 Os7

68170 WHAT'S your experience with broiler housing and equipment ideas? (Condensed.) Soeast. Poultryman 5(4):8,21-25. Apr.1952. 47.8 So872
Panel discussion by T. P. Green, A. G. Diseker, L. Bagwell, B. Hancock, and R. W. Dickson.

68171 WHITE-STEVENS, R. The broiler industry needs. (Condensed.) Poultry Indus. [Boston] 57(4):5,18. Apr.1952. 47.8 N44

68172 WIDMER, J. How I made the cage system work. Country Gentleman 122(6):24,61. June 1952. 6 C833

68173 ZAMBRANO, J. A. Algunas consideraciones sobre la yacija gruesa. Valencia Avic. 8(9):31-32. Oct. 1951. 47.8 V23

68174 ZAMBRANO, J. A. Nociones de avicultura "al natural." Valencia Avic. 8(11):26-28. Dec.1951. 47.8 V23

RABBITS

Breeds and Breeding

68175 CHANG, M. C. Effects of delayed fertilization on segmenting ova, blastocysts and fetuses in rabbit. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:24. Mar.1952. 442.9 F31P

68176 KLEIMAN, L. Elevage du lapin Angora blanc. Réveil Agr. 61:153. May 15,1952. 14 R322

68177 MURRAY, M. C. Choosing foundation stock. Amer. Rabbit J. 22:74. May 1952. 40.28 Am3

68178 SHEDD, C. W. The challenge of the Rex rabbit. Small Stock Mag. 36(6):4-5. June 1952. 48.8 P442

68179 TEMPLETON, G. S. Principles involved in breeding rabbits. Amer. Rabbit J. 22:66-67. May 1952. 40.28 Am3

Feeds and Feeding

68180 TEMPLETON, G. S. Effects of certain methods of feeding and managing rabbits in commercial fryer production. U. S. D. A. C. 901,16 p. Mar.1952. 1 Ag84C

68181 TEMPLETON, G. S. Pounds of feed to produce a pound of rabbit. Calif. Rabbit News 13(2):7. May 1952. 40.28 C12

Veterinary Medicine

68182 BRIGGS, G. M., and PHILLIPS, P. H. Development of fluorine toxicosis in the rabbit. Soc. Expt. Biol. & Med. Proc. 80:30-33. Ref. May 1952. 442.9 So1

68183 CHAMBON, Y. La réaction déciduale et l'ovo-implantation de la lapine sont-elles empêchées par le bloquage du systéme réticulo-histiocytaire? Soc. de Biol. Compt. Rend. 145:1851-1855. Dec.1951. 442.9 P21

68184 ISHIGURO, H. Experimental studies on the infection of trypanosomes. II. On the infection of rabbits with Trypanosoma evansi and Trypanosoma equiperdum, with consequent symptoms and abortion. (In Japanese.) Utsunomiya U. Col. Agr. B. 1:250-262. Ref. Mar.1951. 107.6 Ut7B
English summary.

68185 TEMPLETON, G. S. Length of gestation period in domestic rabbits. Small Stock Mag. 36(6):3. June 1952. 48.8 P442

Miscellaneous

68186 ARAN, S. Rehabilitación de nuestro conejo común. B. de Divulg. Ganad. [Ciudad Real] 6(64/66):5-8. Oct./Dec.1951. 49.9 Sp14

68187 BRENDLER, R. A. Keep your rabbits cool. Small Stock Mag. 36(6):7-8. June 1952. 48.8 P442

68188 DEAN, A. L. Rabbit hutches and equipment. 2. All-Pets Mag. 23(5):83,85. May 1952. 48.8 AL5

68189 IGOSHIN, A. Local downy rabbit [in Kirov Region]. (In Russian.) Kolkhoz. Proizvodstvo 12(4):42. Apr.1952. 281.8 K83

68190 LICCIARDELLI, G., and CORTESE, M. Coniglicoltura pratica [Practical rabbit raising]. Ed. 16. Milano,1952. 332 p. Ref. (Manuali Hoepli) 40.2 H67

68191 MACLEOD, K. A. Planning a butchering house? Amer. Rabbit J. 22:71. May 1952. 40.28 Am3

68192 MOISEEV, V. F., and POLUGAEVSKAÍA, M. S. Rabbit raising farm of Voroshilov Kolkhoz [in Permsko-Il'inskii District, Molotov Region]. (In Russian.) Sotsialist. Zhivotnovod. 13(11):74-79. Nov.1951. 49 So7

68193 PURDIE, A. Important rabbit research in Hawke's Bay may lead to better control methods. New Zeal. Farmer 73(3):3-4. Apr.10,1952. 23 N484

68194 ROOSEBOOM, J. H. Rabbit keeping need never be dreaded; objections based on false notions. (In Afrikaans.) Landbouweekblad 33(1709):12-13. Apr.16, 1952. 24 L232

68195 SCHOTT, R. A. What's wrong in California? Amer. Small Stock Farmer 36(8):4-5. May 1952. 48.8 J82
Work of American Rabbit and Cavy Breeders Association.

SHEEP AND GOATS

Breeds and Breeding

68196 BANTHAM, C. H. Association adopts flock improvement production record program for breeders. Shrop 1(3):9,11. Apr.1952. 45.8 Sh8

68197 BUSSE, H. Kryptorchismus in der Merinofleischschafzucht und vererbung des hornes. (Sum.) Kühn-Arch. 64:409-411. 1951. 105.8 H15Ku

68198 CLARKE, E. A. Some aspects of hill country sheep improvement. New Zeal. Soc. Anim. Prod. Proc. 11:5-17. Ref. 1951,pub.1952. 49.9 N483

68199 DAUZIER, L., and WINTENBERGER, S. Recherches sur la fécondation chez les Mammifères: la remontée des spermatozoïdes dans le tractus génital de la brebis. Soc. de Biol. Compt. Rend. 146:67-70. Jan.1952. 442.9 P21

68200 FETHERS, G. Increasing the fertility of sheep. Past. Rev. 62:357,359. Apr.16,1952. 23 Au75

68201 FROBEEN. Zur leistungssteigerung in der schwarzköpfigen fleischschafzucht. Landwirt. Z. der Nord-Rheinprov. 119:452. May 3,1952. 18 L2344

68202 GREKHOV, F. A., and ORLOV, P. T. New breeding group of meat-wool sheep. (In Russian.) Sovet. Zootekh. 7:25-33. Jan.1952. 49 So822

68203 HARPER, C. International judge commends breeders. Shrop 1(3):19,21. Apr.1952. 45.8 Sh8

68204 HEWITT, W. R. R. Returns from Cheviot three-quarterbred ewes. Massey Agr. Col. Sheepfarming Annu. 4:151-155. Nov.1951. 45.9 M385
Fertility and wool production.

68205 HITCHCOCK, R. The Merinos' fairy godmother. Calif. Farmer, North. Ed. 196:518-519. May 17, 1952. 6 C126

68206 HOLBROOK, N. K. Cow country laboratory; experiments at Utah State Agricultural College have improved the Rambouillet sheep breed, found ways for feeding nutritious concentrates. West. Live Stock 37(9):20, 58-59. Apr.1952. 49 W523

68207 HUNDT, K. W. Was muss der kleintierzüchter von der zucht der Karakuls wissen? Deut. Kleintier-Züchter 7(9):3-4. May 5,1952. 49 D483

68208 LANGLET, J. Um die zukunft der deutschen schafzucht. Deut. Landwirt.-Gesell. Mitt. 67:299-300. May 3,1952. 18 N39

68209 MARTIN ABRIL, F. J. Al pasar las Merinas. B. de Divulg. Ganad. [Valladolid] 8:324-325. Sept.1951. 49.9 So12
Transhumance of Merino sheep.

68210 MIDDENDORFF, H. Der siegeszug der Karakulzucht in Südwestafrika. Tierzüchter 4:255-257. May 20,1952. 49 T445

68211 OERTZEN, H. U. V. Württembergs Merinolandschaf-eliteböcke in Ulm. Tierzüchter 4:278-280. June 5,1952. 49 T445

68212 PENNEFATHER, H. F. Australian-type Merinos in California, U. S. A. Past. Rev. 62:361. Apr. 16,1952. 23 Au75

68213 PEREIRA, I. Das deutsche Merinofleischschaf in Chile. Tierzüchter 4:259. May 20,1952. 49 T445

68214 PEREN, G. S., and others. Cheviot half-bred versus Romney trials on poor hill country. Massey Agr. Col. Sheepfarming Annu. 4:111-139. Nov.1951. 45.9 M385
Includes discussion.
W. R. R. Hewitt, H. V. Ballard, and T. O. Phillips, joint authors.

68215 PHILLIPS, T. O. Halfbred Cheviot cast-for-age ewe for fat lamb production. Massey Agr. Col. Sheepfarming Annu. 4:140-150. Nov.1951. 45.9 M385

68216 POLLOS HERRERA, J. Selección de un rebaño ovino de aptitud lechera. B. de Divulg. Ganad. [Ciudad Real] 6(64/66):25-31. Oct./Dec.1951. 49.9 Sp14

68217 SCHOLTZ, K. The black rose; the past in bloom; the Karakul farm in 1910. (In Afrikaans.) Landbouweekblad 33(1709):17-18. Apr.16,1952. 24 L232

68218 SHUBIN, A. E. Tsigai sheep of Moldavia. (In Russian.) Sotsialist. Zhivotnovod. 13(11):36-42. Nov. 1951. 49 So71

68219 SIMONPIETRI, R. H. El Karakul argentino. Chacra 22(258):16-17. May 1952. 9 C34

68220 STEVENS, P. G., and WRIGHT, G. M. Some variations in the fleece of Romney Marsh stud ewes. New Zeal. Soc. Anim. Prod. Proc. 11:18-22. 1951,pub. 1952. 49.9 N483

68221 TEN EYCK, P. La cría de las ovejas en Holanda. Tierra [México] 7:190-191. Mar.1952. 8 T445
On the Texel breed.

68222 WEBSTER, W. M. Infertility in rams. New Zeal. Soc. Anim. Prod. Proc. 11:62-78. 1951,pub.1952. 49.9 N483

Feeds and Feeding

68223 CUNNINGHAM, I. J. Copper deficiency in sheep. Massey Agr. Col. Sheepfarming Annu. 4:156-166. Nov.1951. 45.9 M385
Includes discussion.

68224 EWER, T. K., and SINCLAIR, D. P. Lamb fattening trials on the Canterbury Plains. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 33(6):1-30. Apr.1952. 514 N48A

68225 FRANKLIN, M. C. Maintenance rations for Merino sheep. I. Austral. J. Agr. Res. 3:168-186. Ref. Apr.1952. 23 Au783

68226 NEALE, P. E., and KOGER, M. Combinations of corn silage and coarse alfalfa hay for fattening lambs. N. Mex. Agr. Expt. Sta. B. 369,10 p. Apr.1952. 100 N465

68227 PHILLIPSON, A. T., and MITCHELL, R. L. The administration of cobalt by different routes to lambs maintained on a low-cobalt diet. Brit. J. Nutr. 6:176-189. Ref. 1952. 389.8 B773

68228 PHILLIPSON, A. T. The fatty acids present in the rumen of lambs fed on a flaked maize ration. Brit. J. Nutr. 6:190-198. Ref. 1952. 389.8 B773

68229 VAN HORN, J. L., and COLEMAN, K. Feed 2-year-olds well after lambing. Mont. Farmer-Stockman 39(17):45. May 1,1952. 6 M764

68230 WALLACE, L. R. The practice of flushing ewes. (Sum.) New Zeal. Soc. Anim. Prod. Proc. 11:100-101. 1951,pub.1952. 49.9 N483
Includes discussion.

68231 WILLIAMS, S. B. Feeding for market lamb production. Canada. Dept. Agr. P. 872,10 p. Apr.1952. 7 C16Pu

Veterinary Medicine

68232 AGABABIAN, M. M. In regard to treatment of pneumonia in lambs. (In Russian.) Veterinariia 29(1):36-37. Jan.1,1952. 41.8 V6426

68233 BARBARO, A. D'A. Activity of protozoan fauna of the goat's rumen in the presence of vitamins, in vitro. I-III. (In Italian.) Soc. Ital. di Biol. Sper. B. 27: 1439-1446. Ref. Sept./Nov.1951,pub.Jan.1,1952. 442.8 So12
I, Action of vitamin A; II, Action of vitamin D_3; III, Action of vitamin E.

68234 BARBARO, A. D'A. In vitro reproduction of ciliated infusoria contained in the rumen of sheep after remaining a long time in thermostat. (In Italian.) Biol. Latina 4:368-380. Ref. Oct.1951. 442.8 B5226
English summary.

68235 BARBARO, A. D'A. The role of placenta in goats. I-II. (In Italian.) Riv. di Med. Vet. e Zootec. 4:19-47. Ref. Jan./Feb.1952. 41.8 R522
English summary.
I, Calcium content of maternal blood, of the placenta, and of fetal blood; II, Maternal and fetal glycemia.

68236 BASSETT, E. G., SEWELL, O. K., and WHITE, E. P. Investigation on the excretion of sex hormones by sheep. (Sum.) New Zeal. Soc. Anim. Prod. Proc. 11:102-103. 1951,pub.1952. 49.9 N483
Includes discussion.

68237 BEHRENS, H. Das eingeben flüssiger medikamente beim schaf mit neuzeitlichen instrumenten. Tierärztl. Umschau 7:161-163. May 1952. 41.8 T445

68238 BOIKO, M. K., and ABALIKHIN, S. A. Bradsot in goats. (In Russian.) Veterinariia 29(4):31-32. Apr. 1952. 41.8 V6426

68239 BOLLE, W. Beitrag zur hormonalen kastration von ziegenböken. Tierärztl. Umschau 7:204-205. June 1952. 41.8 T445

68240 DRAPER, H. H., JAMES, M. F., and JOHNSON, B. C. Tri-o-cresyl phosphate as a vitamin E antagonist in the lamb and rat. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:204. Mar.1952. 442.9 F31P

68241 DURUSAN, R., ATTILA, C., and DOĞUER, M. Pleuropneumonia contagiosa caprae. Türk Bet. Hekimleri Dernegi. Dergisi 22:3-9. Ref. Jan./Feb.1952. 41.9 T84
English summary.

68242 FLETCHER, J. M. Sheep. Veteran 3:190-191. Autumn 1951. 41.8 V6493
Chiefly diseases.

68243 FLETCHER, J. M. Some lesser known sheep diseases. Veteran 2:112-113. Spring 1951. 41.8 V6493

68244 GRAY, M. L., MILLERICK, T. I., and JOHNSTON, R. L. Listeriosis in goats of Michigan. M.S.C. Veterinarian 12:157-159. Ref. Spring 1952. 41.8 M582

68245 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Braxy. Gt. Brit Min. Agr. & Fisheries. Anim. Health L. 3,1p. Jan.1952. 41.9 G792A

68246 HOLM, L. W. Effect of cortisone on pregnant ewes. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11: 358. Mar.1952. 442.9 F31P

68247 HOVERSLAND, A., and VAN HORN, J. L. Weight loss of ewes at lambing. Mont. Wool Grower 26 (6):11. June 1952. 45.8 M762

68248 KRULL, W. H., and MAPES, C. R. Studies on the biology of Dicrocoelium dendriticum (Rudolphi, 1819) Looss, 1899 (Trematoda: Dicrocoeliidae), including its relation to the intermediate host, Cionella lubrica (Müller). III-IV. Cornell Vet. 42:253-285. Ref. Apr.1952. 41.8 C81
Includes infection of sheep.

68249 LOPEZ ARANGUREN, J. J. Linfoadenitis o seudotuberculosis ovina. Mundo Agr. 4(36):79. May 1952. 9 M92

68250 LOPYRIN, A. I., LOGINOVA, N. V., and KARPOV, P. L. Effect of changed embryogenetic conditions on growth and development of lambs. (In Russian.) Sovet. Zootekh. 6(11):83-95. Ref. Nov.1951. 49 So822

68251 MARSH, H. Stiff lambs. Natl. Wool Grower 42(6):31-32. June 1952. 45.8 N21N

68252 NEWKIRK, H. L. Calcium deficiency in newborn lambs. Vet. Med. 47:258. June 1952. 41.8 M69

68253 PENNINGTON, R. J. The metabolism of short-chain fatty acids in the sheep. 1. Fatty acid utilization and ketone body production by rumen epithelium and other tissues. Biochem. J. 51:251-258. Ref. May 1952. 382 B52

68254 PICHON, G. Les strongyloses chez les ovins et les bovins. Agr. Prat. 116:266-267. May 1952. 14 J82

68255 PLATTEN, M. Your first goat and the care of her udder. Brit. Goat Soc. Mon. J. 45:76-77. May 1952. 40.19 B77M

68256 REID, R. L. Studies on the carbohydrate metabolism of sheep. V. The effect of hyperglycaemia and of insulin on the rate of extrahepatic glucose assimilation. Austral. J. Agr. Res. 3:160-167. Ref. Apr.1952. 23 Au783

68257 RYFF, J. F. Sheep diseases. Wyo. Wool Grower 7(6):4-5. (Cont.) Jan.3,1951,i.e.1952. 280.38 W99

68258 SAIZ MORENO, L. Artrópodos parásitos de los óvidos. B. de Divulg. Ganad. [Ciudad Real] 6(64/66:13-23. Oct./Dec.1951. 49.9 Sp14

68259 SIGURDSSON, B., GRIMSSON, H., and PALSSON, P. A. Maedi, a chronic, progressive infection of sheep's lungs. J. Infect. Dis. 90:233-241. May/June 1952. 448.8 J821

68260 SIGURDSSON, B. Vaccination against paratuberculosis (Johne's disease). J. Immunol. 68:559-565. May 1952. 44.8 J8232
In lambs.

68261 STAMP, J. T., WATT, J. A. A., and COCKBURN, R. B. Enzootic abortion in ewes—complement fixation test. J. Compar. Path. & Ther. 62:93-101. Apr. 1952. 41.8 J82

68262 VERON, H. A. Liver fluke. Wilcox Mofflin Q. 6(4):2-8. Christmas 1951. 23 W64

68263 WEBSTER, H. D., and THORP, F., JR. Experimental vibrio fetus infection in goats. M.S.C. Veterinarian 12:152-156. Ref. Spring 1952. 41.8 M582

68264 WOXHOLTT, C., NAERLAND, G., and HOFF, H. Pasteurella hemolytica infection in sheep. (In Norwegian.) Nord. Vetmed. 4:433-450. Ref. May 1952. 41.8 N813
English summary.

Miscellaneous

68265 BARTON, R. A. Growth of the fleece. Massey Agr. Col. Sheepfarming Annu. 4:85-89,91-93,95-98. Ref. Nov.1951. 45.9 M385
Includes discussion.

68266 BUITKAMP. Leistungsprüfungen in der milchschafzucht. Landwirtbl. Weser-Ems 99:441-442. May 1,1952. 18 L2345

68267 EGERTON, J. R. Milk production testing in England. Dairy Goat J. 30(6):9. June 1952. 40.18 M592

68268 GEUS, L. H. DE. The benefits of sheep classing. Merino Breeders' J. 14(2):24-25. (Cont.) Apr.1952. 45.8 So8

68269 HICKS, G. T. Advantages of autumn shearing in wet climates. So. Austral. Dept. Agr. J. 55:422-423. Mar.1952. 23 So84

68270 LAMOND, H. G. Handling weaners. Past. Rev. 62:361-362. Apr.16,1952. 23 Au75
Sheep.

68271 LEROY. La production animale tunisienne et son amélioration dans l'avenir. Colon Franç. de Tunisie (ser.7)45(2244):1,3. (Cont.) May 24,1952. 24 C712
Installment deals with sheep raising.

68272 LINK, P. Sheep farming in Chile and Peru. Wool Knowl. 2(5):5-7,23. Spring 1952. 304.8 W886

68273 MCMEEKAN, C. P. Sheep and cattle farming in Uruguay. Massey Agr. Col. Sheepfarming Annu. 4:7-17. Nov.1951. 45.9 M385
Includes discussion.

68274 MANOILENKO, A. P. A leading shepherd. (In Russian.) Sofsialist. Zhivotnovod. 13(11):85. Nov.1951. 49 So71
M. A. Trofan's practices in raising sheep.

68275 MASSEY AGRICULTURAL COLLEGE. Sheep-farming annual, 1951; including the proceedings of the fourteenth annual meeting of sheepfarmers conducted by Massey Agricultural College, Palmerston North, on June 5, 6 and 7, 1951. Palmerston North, 1951. 222 p. 45.9 M38S

68276 MERRILL, MRS. M. L. Family goats are worthwhile. Dairy Goat J. 30(6):4-5. June 1952. 40.18 M592

68277 RAE, A. L. Sheep and wool improvement in U.S.A. Massey Agr. Col. Sheepfarming Annu. 4:99-110. Nov.1951. 45.9 M385

68278 REID, W. S. Sheep shearing illustrated. So. Austral. Dept. Agr. J. 55:383-400. (Cont.) Mar.1952. 23 So84

68279 SARAZA ORTIZ, R. El ganado caprino debe ser defendido en su explotación, que puede ser muy beneficiosa. Mundo Agr. 4(36):56-58. Ref. May 1952. 9 M92
Care.

68280 SCHOLZ, K. H. Haltung, pflege und fütterung der ziegen. Thür Kleintierzüchter 6:125. (Cont.) Apr. 20,1952. 49 T42

68281 SHELIKHOVSKII, S. S. Hero of Socialist Labor, shepherd Arykbai Abdulkadyrov. (In Russian.) Sofsialist. Zhivotnovod. 13(11):31-35. Nov.1951. 49 So71
His methods of raising sheep.

68282 THOMASSET, L. F. Factores de rinde y de peso en el vellón ovino. Agr. Austral 20:51-53. Feb. 1952. 9.3 Ag842

68283 VOGEL, K. Die gesunde ziege. Thür Kleintierzüchter 6:125-126. (Concl.) Apr.20,1952. 49 T42

68284 WILFORD, E. J., and GARRIGUS, W. P. Carcass characteristics of Kentucky spring lambs and of western fed lambs. Ky. Agr. Expt. Sta. B. 578,48 p. Dec.1951. 100 K41

SWINE

Breeds and Breeding

68285 BOUCHER, H. Sovereigns of our belts; the Hampshire herdsires that set the belted pattern of influence for 1951. Amer. Hampshire Herdsman 27(6):42-46, 51. June 1952. 46.8 Am33

68286 BOUCHER, H. Today's Hampshire family strains—the Hampshire boars. Amer. Hampshire Herdsman 27(6):54-56,58,60,62,64,66,68. June 1952. 46.8 Am33

68287 ELLISON, L. What kind of a breeder are you? Amer. Hampshire Herdsman 27(6):72-73. June 1952. 46.8 Am33

68288 HERNANDEZ, E. Cuido y manejo del verraco. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Almanaque Agr. de la Repúb. 1952:48,52. 8 D714

68289 HERZOG, H. Das veredelte Landschwein in der Schweiz. Tierzüchter 4:243-244. May 20,1952. 49 T445

68290 JORDAN, A. W., and PIFER, R. W. Selecting and fitting the show herd. Berkshire News 17(8):5,10-11. June 1952. 46.8 B454
Berkshires.

68291 KEILHOLZ, F. J. Look what's happening to hogs. Country Gentleman 122(6):22-23. June 1952. 6 C833
Six new breeds.

68292 LONGWILL, A. A plan of pig improvement applicable to N.Z. conditions. New Zeal. Soc. Anim. Prod. Proc. 11:48-56. 1951,pub.1952. 49.9 N483
Includes discussion.

68293 MUGGLI, J. Der zuchttypus des veredelten Landschweines. Schweiz. Milchztg. 78:251-254. May 9, 1952. 44.8 Sch92

68294 RAUTENBERG, J. Die vererbung der zitzenzahl beim schwein und ihre beziehungen zur fruchtbarkeit. (Sum.) Kühn-Arch. 64:411-413. 1951. 105.8 H15Ku

68295 SPRENGER, E. Die deutsche schweinezucht—ihre heutigen aufgaben. Deut. Landwirt.-Gesell. Mitt. 67:297-299. May 3,1952. 18 N39

68296 SWEDEN. SVINSTAMKONTROLLEN. Svinstamkontrollen 1950, 28:e arbetsåret [The Swine Breeding Service 1950, the 28th working year]. Sweden. Lantbrhögsk. Husdjursförsöksanst. Meddel. 48,62 p. 1952. 104 Up62

Feeds and Feeding

68297 BARNHART, C. E. The supplementary value of corn distillers dried solubles in rations for growing-fattening swine in drylot and on legume pasture. Distillers Feed Conf. Proc, 7:25-33. Ref. 1952. 389.79 C765

68298 BEESON, W. M. Antibiotics and other new factors for the nutrition of swine. Cornell Nutr. Conf. Feed Mfr. Proc. 1951:7-13. 389.79 C81

68299 BEESON, W. M., and CRAVENS, W. W. The practical role of antibiotics in manufactured feeds. Feedstuffs 24(21):28,30,32-33,36-38,40. May 24,1952. 286.81 F322
Swine and poultry feeds.

68300 BLAU, G. Dorschlebertran bei der ferkelaufzucht. Deut. Landwirt.-Gesell. Mitt. 67:263-264. Apr.19,1952. 18 N39

68301 BLIN, H. Le porc au paturage. Rustica 25: 451. May 11,1952. 14 R92

68302 BONSMA, J. C. A pig is as good as its food; nutritional demands met by balanced rations ensure profits; the requirements of pregnant sows. Farmer's Wk. [Bloemfontein] 83:12-13,15. Apr.16,1952. 24 F225

68303 CARPENTER, L. The antibiotic aid. Hormel Farmer 15(8):5-6. Apr.15,1952. 49 H782
In swine feeding.

68304 CATRON, D. Recent advances in swine nutrition. Distillers Feed Conf. Proc. 7:34-49. Ref. 1952. 389.79 C765

68305 CURTIN, L. V., and others. Estimation of amino acid requirements of swine from tissue analyses. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:439. Mar.1952. 442.9 F31P
J. Abraham, H. H. Williams, J. K. Loosli, and L. A. Maynard, joint authors.

68306 DEGENER, W., and LIEBSCH, A. Der nutritive wert des vit. B12 und der antibiotika bei schweinen. Tierärztl. Umschau 7:163-167. May 1952. 41.8 T445

68307 FONDARD, L. Alimentation du porc et minéralisation. Bouches du Rhône Agr. 24(1074):8. May 15,1952. 14 B662

68308 GARMASH, N. K. Swine fattening on Novyi Shlîakh Collective Farm [in Chernigov District, Chernigov Region]. (In Russian.) Sofsialist. Zhivotnovod. 13 (11):54-57. Nov.1951. 49 So71

68309 HENTGES, J. F., JR., and others. The minimum requirement of young pigs for a purified source of carotene. J. Anim. Sci. 11:266-272. Ref. May 1952. 49 J82
R. H. Grummer, P. H. Phillips, and G. Bohstedt, joint authors.

68310 HERZOGENBERG, F. VON. Ein mastversuch aus der praxis zwischen Schwäbisch-Hällischen schweinen und deutschen veredelten Landschweinen. Bad. Landwirt. Wchnbl. 119:288-289. Apr.26,1952. 18 B142

68311 KIMBERLIN, K. Use grains and pasture to help stretch your corn supply. Co-op. Shipper 32(5):8-9. May 1952. 280.38 C78
Swine feeding.

68312 LEBEDEV, N. K. Pershe Travnia Collective Farm [in Malo-Devitskii District, Chernigov Region] is fattening swine successfully. (In Russian.) Sotsialist. Zhivotnovod. 13(11):58-60. Nov.1951. 49 So71

68313 ORANIN, A. N. Swine fattening on Karl Marx Collective Farm [in Bogorodskii District, Gorki Region]. (In Russian.) Sotsialist. Zhivotnovod. 13(11):80. Nov. 1951. 49 So71

68314 PETERSEN, N. Der vitaminbedarf der schweine. Deut. Landwirt. Presse 75:128-129. May 17, 1952. 18 D482

68315 RANDOLPH, C., and DANKENBRING, R. Here's how it's working out. Farm J. 76(7):38. July 1952. 6 F2212
Raising pigs on synthetic milk.

68316 ROBINSON, D. H. Potatoes make good silage. Farmers Wk. [London] 36(23):55. June 6,1952. 10 F2226
Feed for pigs.

68317 SCHOUBROEK, F. VAN, and WILLEMS, A. Experiments with APF preparations for young pigs. (In Dutch.) Vlaams Diergeneesk. Tijdschr. 21:53-60. Mar.1952. 41.8 V84
English summary.

68318 SHEEHY, E. J. Compound foods and compounders. Agr. Ireland 9:101,103,105. May 1952. 10.5 Ag8
For swine.

68319 SMITH, D. M. Factors affecting the efficiency of food conversion by pigs. New Zeal. Soc. Anim. Prod. Proc. 11:89-99. Ref. 1951,pub.1952. 49.9 N483
Includes discussion.

68320 THOMAS. L'alimentation rationnelle du porc à l'engrais. Nord. Agr. 8(30):7. May 16,1952. 14 N75

68321 U. S. BUR. OF ANIMAL INDUSTRY. Get suckling pigs off to fast start. More meat for defense. Washington,1952. 2 p. 1.972 A2G33

68322 VAN DER VYVER, B. J. Condensed fish solubles for growing pigs. Farming So. Africa 27:261-264. Apr.1952. 24 So842

Veterinary Medicine

68323 ANDREWS, J. S., SOUTHWELL, B. L., and JONES, D. J. Acquisition of parasites by swine hogging-off crops. Ga. Coastal Plain Expt. Sta. C. 21,11 p. Feb. 1952. 100 G292

68324 BARNER, R. D. Infectious atrophic rhinitis. M.S.C. Veterinarian 12:144-145. Spring 1952. 41.8 M582

68325 BECKER, D. E., and others. The growth response of the pig to a dietary source of various antibacterial agents and to intramuscular injections of procaine penicillin. Antibiotics & Chemother. 2:259-264. Ref. May 1952. 396.8 An8
S. W. Terrill, D. E. Ullrey, and R. J. Meade, joint authors.

68326 BETTS, A. O. Respiratory diseases of pigs. V. Some clinical and epidemiological aspects of virus pneumonia of pigs. Vet. Rec. 64:283-288. Ref. May 17,1952. 41.8 V641

68327 BIANCHI, E. Observations and research related to a syndrome in swine commonly attributed to Teschen disease. (In Italian.) Riv. di Med. Vet. e Zootec. 3:271-290. Nov./Dec.1951. 41.8 R522
English summary.

68328 CASTAGNOLI, B. Foot and mouth disease and pasteurellosis in swine. (In Italian.) Ist. Super. di Sanit. Rend. 14:1019-1027. 1951. 449.9 R66
English summary
In Italy.

68329 CASTAGNOLI, B. Research on the eventual elimination of swine pest virus in serum-infected swine. (In Italian.) Ist. Super. de Sanit. Rend. 14:1028-1035. Ref. 1951. 449.9 R66
English summary.

68330 CHERNIAVSKII, M. V. Intra-peritoneal hexenal narcosis of swine. (In Russian.) Veterinariia 29(1):53-56. Jan.1,1952. 41.8 V6426

68331 FLUCKIGER, G. Le rouget du porc et les différentes méthodes de vaccination préventive. Schweiz. Arch. f. Tierheilk. 94:199-203. Apr.1952. 41.8 Sch9
English summary.

68332 GOBEL, F. Dreihodigkeit (Triorchidie) beim schwein. Tierärztl. Umschau 7:203-204. June 1952. 41.8 T445

68333 GROVES, D. E. Swine blood testing can be easy and safe. Ohio Farmer 209(11):3,32-33. June 7, 1952. 6 Oh3

68334 HUPKA, E. Fütterungsversuche zur auslosung des enzootischen herztodes bei schweinen. Deut. Tierärztl. Wchnschr. 59:145-148. May 15,1952. 41.8 D482

68335 MAAS, A. Zur beurteilung des nesselfiebers (backsteinblattern) und des herzklappenrotlaufs der schweine bei der amtlichen fleischuntersuchung. Monatsh. f. Vetmed. 7:161-167. Ref. May 1,1952. 41.8 M742

68336 MESSMORE, H. L. Erysipelas in swine. No. Amer. Vet. 33:385-396. June 1952. 41.8 N812

68337 RAY, J. D. Streptococcic infections in pigs. Vet. Med. 47:219-220,241. June 1952. 41.8 M69

68338 RUTTER, J. Fatness of swine. Iowa Agr. 51:8,16. May 1952. 6 Io9
Body measurement method to estimate the amount of fat in the carcass.

68339 SANDSTEDT, H., and CARLQUIST, H. Experiments on the prevention of agalactia in sows. (In Swedish.) Nord. Vetmed. 4:513-517. May 1952. 41.8 N813

68340 SASSENHOFF, I. Die pathognomonische bedeutung der enzephalitiden bei organotropen viruskrankheiten. Tierärztl. Umschau 7:157-161. May 1952. 41.8 T445
Hog cholera and Newcastle disease.

68341 SCHOOP, G. Vorbereitung der schweine für die rotlaufimpfung. Tierärztl. Umschau 7:174-175. May 1952. 41.8 T445

68342 SCHWARTZ, B. Controlling lungworms of swine. U. S. D. A. L. 118,slightly rev.,5 p. Feb.1952. 1 Ag84L

68343 SCHWARTZ, B. Internal parasites of swine. U. S. D. A. Farmers' B. 1787,rev.,41 p. Mar.1952. 1 Ag84F

68344 STUBBS, E. L. Transmissible gastroenteritis in pigs. Pa. U. Sch. Vet. Med. Vet. Ext. Q. 127:124-125. June 10,1952. 41.9 P386

68345 TURK, R. D. Swine ascariasis. M.S.C. Veterinarian 12:128-130. Spring 1952. 41.8 M582

68346 VOGEL, G. Diagnose des kryptorchismus beim schwein. Tierärztl. Umschau 7:189-196. Ref. June 1952. 41.8 T445

68347 WEYER, F. Versuche zur künstlichen infektion der schweinelaus Haematopinus suis L. mit Rickettsia prowazeki und R. quintana. Schweiz. Z. f. Allg. Path. u. Bakt. 15:203-216. Ref. 1952. 448.8 Sch9
English summary.

68348 WIDIK, R. W. Die wissenschaftlichen grundlagen der aktiven immunisierung gegen den schweinerotlauf mit dem schwedischen avirulenten impfstoff. Monatsh. f. Prakt. Tierheilk. (n.s.)4:145-161. (Cont.) 1952. 41.8 M74

Miscellaneous

68349 AMERICAN CYANAMID CO. LEDERLE LABORATORIES DIV. Swine production. I-II. Anim. Indus. Newslet. 6(2):1-9; (3):1-8. Feb.-Apr.1952. 41.8 Sci2

68350 BOUCHER, H. Production registry is pointing the way to new advances in herd and breed improvement. Amer. Hampshire Herdsman 27(6):74,76. June 1952. 46.8 Am33

68351 BURGOS, C. X. Go into the swine raising business; it's interesting and profitable. Gard. & Farm 1(8):16,21,26-27,35,45. (Cont.) Feb.1952. 25 G16
Philippines.

68352 DICKEY, E. F. Pig hatcheries "a new era in animal agriculture." Feedstuffs 24(20):38-42. May 17, 1952. 286.81 F322

68353 ELLISON, L. Reveille—it is later than you think—have you inventoried your promotion plans? Amer. Hampshire Herdsman 27(6):70. June 1952. 46.8 Am33

68354 FELIU, S. Cuidados en la cría del lechon. Chacra 22(258):46. May 1952. 9 C34

68355 FILATOV, I. M. For 40 tons of pork in a year. (In Russian.) Sotsialist. Zhivotnovod. 13(11):61-63. Nov. 1951. 49 So71

68356 FINLEY, M. R. Keys to successful management; proven production and sanitation are a strong team. Amer. Hampshire Herdsman 27(6):26,38. June 1952. 46.8 Am33

68357 KEMEL'MAN, A. M. Achievements of swineherd, P. A. Bezruchko. (In Russian.) Sotsialist. Zhivotnovod. 13(11):86. Nov.1951. 49 So71

68358 KHOLOMEIZER, V. G. Practices of the swine raising farm of Khyzyl-Oktiabr' Collective Farm [in Ust' Abakanskii District, Khakass Autonomous Region]. (In Russian.) Sotsialist. Zhivotnovod. 13(11):43-45. Nov. 1951. 49 So71

68359 MIÑANO, G. There is money in swine raising. Gard. & Farm 1(7):10,25,29,31-32,35,38-41,43-44. Jan. 1952. 25 G16
Philippines.

68360 RALSTON PURINA CO. How to grow champions the Purina way; pigs. St. Louis,1951. 6 p. 46 R132

68361 SNYDER, D. PR testing tells the story when all sows are tested yearly in an efficient but practical production system. Amer. Hampshire Herdsman 27(6):20,32. June 1952. 46.8 Am33

68362 U. S. BUR. OF ANIMAL INDUSTRY. The first week for your baby pigs. More meat for defense. Washington,1952. 2 p. 1.972 A2F51

68363 VILLANUEVA, E. F., JR. My knowledge and experience in the management of swine. Agr. & Indus. Life 14(4):18,38. Apr.1952. 25 Ag8
In the Philippines.

ENTOMOLOGY

GENERAL

68364 BALDWIN, W. F., and HOUSE, H. L. Factors influencing the specific gravity of insect haemolymph. Canad. Ent. 84:131-139. Ref. May 1952. 421 C16

68365 CASTLE RUSSELL, S. G. Suitable killing agents. Ent. Rec. & J. Variation 64:150-151. May 1952. 421 En89

68366 CHAGNON, G., and FOURNIER, O. Les ordres d'insectes. Ed. 2. Montréal. U. Inst. Biol. Contrib. 28, 36 p. 410.9 M764
Taxonomy.

68367 COCKAYNE, E. A. A hint for breeding young larvae. Ent. Rec. & J. Variation 64:149-150. May 1952. 421 En89

68368 COLLECTING insects; here are the instructions and equipment for starting a scientific summer hobby. Life 32(24):62-66. June 16,1952. 280.8 L62

68369 ENGEL, F. M. Leben im leben; parasitismus und symbiose einzelliger organismen. Orion 7:363-369. May 1952. 474 Or4
Includes insects.

68370 ETKIN, W. Endocrine action in vertebrates and insects. Biol. Rev. 14:17-19. Mar.1952. 442.8 B5225

68371 FORSSLUND, K. H. Insects collected in the mountain Härjehagna. (In Norwegian.) Norsk Ent. Tidsskr. 8:196-202. 1951. 421 N812
English summary.

68372 FRAENKEL, G. Function of vitamin B_t (carnitine). (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11: 443. Mar.1952. 442.9 F31P
In insect nutrition.

68373 GOLDMAN, L., JOHNSON, P., and RAMSEY, J. The insect bite reaction. I. The mechanism. J. Invest. Dermat. 18:403-418. Ref. May 1952. 448.8 J8292
Includes discussion.

68374 KETTLEWELL, H. B. D. A possible genetic explanation and understanding of migration of continuous brooded insects. Nature [London] 169:832-833. May 17, 1952. 472 N21

68375 LINDQUIST, A. W. Radioactive materials in entomological research. J. Econ. Ent. 45:264-270. Ref. Apr.1952. 421 J822

68376 MCENROE, W. Tension-length curves of insect fibrillar muscle. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:104. Mar.1952. 442.9 F31P

68377 MCKEOWN, K. Our explorers' insects. Roy. Zool. Soc. N. S. Wales. Proc. 71:33-46. 1950/51,pub. 1952. 410.9 N48P

68378 ROBINSON, H. S. The use of anaesthetics in funnel mercury-vapour insect traps. Entomologist 85: 97-101. May 1952. 421 En8

68379 SACHTLEBEN, H. Zur priorität des satzes von der irreversibilität der entwicklung. Beitr. z. Ent. 1: 93. Oct.1951. 421 B392

68380 STRÜBING, H. Schnee-insekten. Umschau 52: 142. Mar.1,1952. 474 Um7

68381 WIGGLESWORTH, V. B. The role of iron in histological staining. Q. J. Micros. Sci. 93:105-118. Ref. Mar.1952. 440.8 Q2
Includes insects.

GENERAL - ECONOMIC

68382 AMSTEIN, W. G. Garden insect control. Kans. Farmer 89(9):20-21. May 3,1952. 6 K13

68383 ARNASON, A. P. Chemical control of soil insects. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11,p.15-20. Saskatoon,1951. 31.2 Sa72

68384 BANGHAM, W. N. Pyrenone, new non-toxic insecticide. (In Portuguese.) Fazenda 47(6):35-37. June 1952. 6 H11P

68385 BARACCO G., C. El uso del DDT en el control de los insectos. Mensajero Agr. 70:41-42. Feb.1952. 9.8 M52

68386 BARNES, G., and LINCOLN, C. 1952 cotton insect control. Ark. Agr. Col. Ext. L. 52,rev.,12 p.-folder. Feb.1952. 275.29 Ar4Le

68387 BELDING, D. L. Textbook of clinical parasitology. Ed. 2. New York,Appleton-Century-Crofts,1952. 1139 p. Ref. 436 B413T
Includes Arthropods.

68388 BEWLEY, W. F. New era in insect control; modern glasshouse methods are speedy and deadly. Nurseryman & Seedsman 114:1300-1302. May 1,1952. 80 N933

68389 BLACKFORD, J. L. Guardians of the leaves. Nat. Mag. 45:305-308. June/July 1952. 409.6 N214
Birds as insect eaters.

68390 BOOCOCK, D. Use of pyrethrum with the Todd insecticidal fog applicator-Tifa. Pyrethrum Post 4(2):18-22. Jan.1952. 421 P99

68391 BOTTCHER, H. Vernichtet die rapsschädlinge. Deut. Landwirt. 3:269-271. May 1952. 18 D4822

68392 BOYD, A. J. Death to the insect. Veteran 3: 173-176. Autumn 1951. 41.8 V6493
Use of DDT.

68393 BRENY, R. La défense des cultures. IV. Les insecticides d'ingestion. B. Hort. (n.s.)7:67-71. Mar.1, 1952. 80 B873

68394 BURMAN, J. H. Beat the insects. Org. Gard. 20(6):16-17,36. June 1952. 56.8 Or3
Biologic control.

68395 BUSVINE, J. R. Disinfestation of aircraft by aerosols. Pyrethrum Post 4(2):23-25. Ref. Jan.1952. 421 P99

68396 CALL, F. Application of fumigants to ships and warehouses. VIII. J. Sci. Food & Agr. 3:212-218. Ref. May 1952. 382 So12
Dried fruit fumigation for insect control.

68397 CANADA. DEPT. OF AGRICULTURE. SCIENCE SERV. DIV. OF ENTOMOLOGY. The Canadian insect pest review. Summary, 1951, compiled by C. G. MacNay. Canad. Insect Pest Rev. 29:264-301. 1951. 423.92 C16C

68398 CHABOUSSOU, F. La lutte contre les insectes nuisibles au maïs. Actualités Agron. Sér. B, Amélior. des Plantes 1:129-139. 1951. 14 F8499A

68399 CHAPMAN, R. K. Some important insects on potatoes in Wisconsin. Badger Common 'Tater 5(4):10-11. Apr.1952. 75.8 B14

68400 CORKINS, J. P., and METCALF, H. N. Greenhouse tests of a trialkyl thiophosphate insecticide. J. Econ. Ent. 45:326-329. Apr.1952. 421 J822

68401 CUILLÉ, J. L'activité résiduelle rémanente du Lindane. Fruits 7:176-177. Apr.1952. 80 F9492

68402 DAVID, W. A. L. Insects in relation to the accumulation and adherence of insecticides. Ann. Appl. Biol. 39:140-141. Mar.1952. 442.8 An72

68403 EFIMOV, A. L. Spravochnik po primeneniiu iadov dlia bor'by s vreditelíami i boleznîami sel'skokhoziaistvennykh rastenii [Handbook on the use of poisons for controlling pests and diseases of agricultural plants]. Ed. 4, rev. and enl. Moskva,Gos. Izd-vo Selkhoz Lit-ry, 1951. 301 p. 464.4 Ef6

68404 EMMEL, L. Insekten werden gegen berührungsgifte resistent. Umschau 52:138. Mar.1,1952. 474 Um7

68405 FERRAO, A. P. S. DA F. Coffee insects. (In Portuguese.) Agron. Angolana 5:13-84. Ref. 1951. 24 Ag83
English summary.

68406 FITZGERALD, O. A. Watch the when in bug fighting. Idaho Farmer 70:253,281. Apr.3,1952. 6 G282

68407 FJELDDALEN, J. Testing of insecticides 1951. (In Norwegian.) Gartneryrket 42:283-284. Apr.19, 1952. 80 G1938

68408 FONSECA, J. C. DA. Aspects of the entomology of citrus in the Spanish Levant. (In Portuguese.) Agros [Lisboa] 35:45-60. Jan./Apr.1952. 15.5 Ag82

68409 FREAR, D. E. H., comp. and ed. Pesticide handbook. Ed. 4. State College,Pa.,1952. 176 p. 225 F87

68410 FROST, S. W. Light traps for insect collection, survey and control. Pa. Agr. Expt. Sta. B. 550,32 p. Ref. Apr.1952. 100 P381

68411 FUKUNAGA, K. About new agricultural c cal-organic phosphatic compound [TEPP]. (In Japane. Jap. J. Plant Protect. 24:31-32. June 1951. 421 J27

68412 GARMAN, P., and TOWNSEND, J. F. Control of apple insects. Conn. (State) Agr. Expt. Sta. B. 552, 84 p. Jan.1952. 100 C76St

68413 HALLEMANS, A. Reflections on the spraying calender 1952. (In Flemish.) Cult. en Handel 18:219-220. Apr.1952. 80 C892
Insecticides.

68414 HALLEMANS, A. What is Lindane? (In Flemish.) Cult. en Handel 18:220-221. Apr.1952. 80 C892

68415 HASKELL, W. H. Sanitation on the dairy farm. Milk Prod. [Houston] 17(6):24. June 1952. 44.8 M5993
Insect control.

68416 HOLDWORTH, R. P. Insect control in clover and alfalfa. Seed World 70(11):84,86. June 6,1952. 61.8 Se52

68417 HOWE , R. W. Experiments on the use of pyrethrum powder as an admixed dust in the Tropics. Pyrethrum Post 4(2):4-6. Jan.1952. 421 P99

68418 JENKINS, C. F. H. Insect pests and their control. West. Austral. Dept. Agr. J. (n.s.)1:63-65,67-71, 73-75. Jan./Feb.1952. 23 W52J

68419 JOHNSTON, H. G. New insecticides for external parasite control on livestock. Tex. Vet. B 14(2):7-8. Feb.1952. 41.8 T31

68420 KERR, T. W., JR. Further investigations of insecticides for control of insects attacking ornamental trees and shrubs. J. Econ. Ent. 45:209-212. Apr.1952. 421 J822

68421 KIRK, V. M. A study of the disposition of DDT when used as an insecticide for potatoes. N. Y. (Cornell) Agr. Expt. Sta. Mem. 312,48 p. Ref. Mar.1952. 100 N48C

68422 KNIPLING, E. F. Insect control means more milk. Certif. Milk 27(5):12-13. May 1952. 44.8 C33

68423 KNUTSON, K., and SZYMKOWICZ, R. T. Ectoparasitism of Norway rats in an inland New England village and in a New England seaport. J. Econ. Ent. 45: 338-339. Apr.1952. 421 J822

68424 LANGENBUCH, R. Quantitative untersuchungen über die frassgiftwirkung des hexachlorcyclohexans und des DDT. Nachrbl. des Deut. Pflanzenschutzdienstes 3:177-185. Ref. Dec.1951. 442.9 B832

68425 LAPLANTE, A. A. Early season apple insect control. N. Y. State Hort. Soc. News Let. 8(3):2-3. Mar./Apr.1952. 81 N484N
Gives basic parathion and non-parathion schedules.

68426 LEIBY, R. W. Fight insects with chlordane. Better Farming Methods 24(6):16,19. June 1952. 58.8 B46

68427 LEIBY, R. W. Now the plants bite back. Country Gentleman 122(6):20. June 1952. 6 C833
Systemic poisons for use on cotton and nonedible ornamental plants.

68428 LEITTE, E. H. Flour mill sanitation. Assoc. Oper. Millers. B., June 1952:1967-1968. 298.9 As7
Insect control.

68429 LHOSTE, J., and LEIBOVICI, C. Nouvelles utilisations de l'octamethylpyrophosphoramide. Phytoma 5(35):17-19. Feb.1952. 464.8 P563

68430 LINSENMAIER. Rebschutzdienst; die voraussetzung für eine rationelle schädlingsbekämpfung im weinbau. Württemb. Wchnbl. f. Landwirt. 119:409. May 3,1952. 18 W96

68431 LONG, J. Organics and insects. Land 11:99-100. Spring 1952. 279.8 L22
Insect control through organic farming.

68432 LOUISIANA. STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE. DIV. OF AGRICULTURAL EXTENSION. Insect control guide. La. Agr. Col. Ext. P. 1046,rev.,10 p. Feb.1952. 275.29 L93Ed
Vegetable and strawberry pest control.

68433 MAAG, R. Hexa Maag. Dielsdorf-Zürich,1951? 8 p. 423 M11H

68434 MAAG, R. Hexavap vernichtet alles ungeziefer. Dielsdorf-Zürich,1951? 4 p. 423 M11He

68435 MATHIAS, A. F. Observation on operation of the spray program. Citrus Mag. 14(10):21. June 1952. 80 C498
For insect pests.

68436 MEEUSE, A. D. J. On the origin of clothes moths, carpet beetles and similar household pests. Beaufortia 15,8 p. Ref. Mar.18,1952. 410 B38

68437 MILLS, H. O., JR. Protect your corn from pests. East. States Coop. 28(6):10-11. June 1952. 280.28 Ea7

68438 MONRO, H. A. U., CUNNINGHAM, C. R., and KING, J. E. Hydrogen cyanide and methyl bromide as fumigants for insect control in empty cargo ships. Sci. Agr. 32:241-265. Ref. May 1952. 7 Sci2

68439 MORROW, M. G. Plants that kill insects. Sci. News Let. 61:330-332. May 24,1952. 470 Sci24
Systemic insecticides and plant sources.

68440 MUSSCHE, L. Damage to strawberry culture. (In Flemish.) Tuinbouwberichten 16:53-54,70-71. Apr.15-May 15,1952. 80 T817
Pests and diseases.

68441 NETHERLANDS. PLANTENZIEKTENKUNDIGE DIENST. De bestrijding van bladrandkever, karwijmot, vlasthrips, aardvlooien en bietenvlieg [Control of the pea weevil [Sitona lineatal] the caraway moth [Depressaria nervosa], thrips on flax [Thrips lini], flea beetles and beet flies [Pegomya hyoscyami]. Wageningen,1952. 2 p. 464.9 N38

68442 O'REILLY, J. Never spank a bee. Nation's Business 40(6):49-50,62-63. June 1952. 286.8 N212
Insect pests of man.

68443 OSUNA, P. Insectos del repollo; tres productos para matarlos. Rev. del Café 7(11):15. May 1952. 8 R3295
Chlordane, methoxychlor, and a compound of formaldehyde and calcium arsenate.

68444 PALMER, E. Insecticides: a weapon for good or bad. Veldtrust 13(3):10-11,27,32. Mar.1952. 56.8 V54

68445 PAULI, O. Textilkonservierung. Chem.-Ingen.-Tech. 24:226-227. Apr.1952. 384 C428
Includes insectproofing and moldproofing.

68446 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Divulgaciones sobre insectos del viñedo. Semana Vitivinic. 7(294):2-3. Feb.16,1952. 95.8 Se5

68447 PLASSCHE, A. W. VAN DE. The control of plant pests with the aid of aircraft. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:81-83. Mar.1952. 12 N383M

68448 PRADHAN, S. Chemical warfare against insect enemies of crops. Indian Farming 2:14-15. Apr. 1952. 22 In283
Research chiefly on influence of particle size.

68449 PYENSON, L. Pin-pointing the June pests. Home Gard. 19(6):32-35. June 1952. 80 H756

68450 QUEBEC. MINISTÈRE DES TERRES ET FORÊTS. SERV. DE LA PROTECTION DES FORÊTS. Treizième rapport annuel sur l'entomologie forestière, pour l'année finissant le 31 mars 1950, par L. Daviault. Quebec,1951. 27 p. 423.92 Q33R

68451 RAMACHANDRAN, S. Manuring in relation to insect pests. Madras Agr. J. 39:91-95. Ref. Mar.1952. 22 M262

68452 RIQUELME, J. La entomologia economica en los Estados Unidos hace cuarenta años. Soc. Mex. de Hist. Nat. Rev. 12:263-289. Dec.1951. 516 So15

68453 ROSA, J. G. DE LA. Control de las plagas del algodonero. Tierra [México] 7:174-175,201-205. Mar. 1952. 8 T445
Insect pests.

68454 ROSA, J. G. DE LA. Control de las plagas del algodonero. Tierra [Mexico] 7:250-253. Apr.1952. 8 T445
Insect pests.

68455 RYKER, T. C. Se está estudiando detenidamente el empleo de insecticidas en el tratamiento de semillas. Campo [Tacuba] (ser.2)20(721):57-58. Mar. 31,1952. 8 C157

68456 RYVKIN, B. V. Pests of acorns. (In Russian.) Priroda 40(11):61-62. Nov.1951. 410 P933

68457 SCHMIDT, H. Holzinsekten. Leipzig,Geest & Portig,1951. 33 p. 423 Sch55H

68458 SCHREAD, J. C. Insect control in landscape plantings. Amer. Nurseryman 95(11):10,46-50. June 1, 1952. 80 Am371

68459 SCHUDER, D. L. Systemic insecticides. Hoosier Hort. 33:142-144. Sept./Oct.1951. 81 In2H

68460 SCHUMACHER, G. Der warndienst im pflanzenschutz. Landwirt. Z. der Nord-Rheinprov. 119:478-479. May 10,1952. 18 L2344
Insect and disease control.

68461 SEDDON, H. R. Diseases of domestic animals in Australia. 2. Fly, louse and flea infestations. Austral. Div. Vet. Hyg. Serv. P. 6,173 p. 1951. 41.9 Au75

68462 SMITH, F. F. Conversion of per-acre dosages of soil insecticide to equivalents for small units. J. Econ. Ent. 45:339-340. Apr.1952. 421 J822

68463 SRINIVASAN, M. A. Protecting plants from pests and diseases. Mysore Agr. J. 27:111-112. Oct./Dec.1951. 22 M993

68464 STAPEL, C. Advantages, disadvantages and hazards of the new insecticides. (In Danish.) Tidsskr. f. Landøkon. 4:165-186. Ref. Apr.1952. 11 T43

68465 STONER, W. N. A comparison between grape degeneration in Florida and Pierce's disease in California. Fla. Ent. 35:62-68. Ref. June 1952. 420 F662
Includes possible role of insects as vectors.

68466 THALENHORST, W. Mit dem hubschrauber gegen forstschädlinge. Orion 7:371-372. May 1952. 474 Or4

68467 TILEMANS, E. Les nouveautés en phytopharmacie: substances, modes d'application. Sillon Belge 22(505):1,3. Apr.19,1952. 13 Si3
Insecticides.

68468 TOMASELLO, R. Sprays for mangos. In Florida Mango Forum. Mango studies, p.53-55. Stuart, 1951. 93.45 F66

68469 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Minimum safeguards to be observed by operators in filling greenhouse aerosols containing parathion, other organic phosphate chemicals, and methly chloride produced under license agreements issued under U. S. letters patent No. 2,321,023. Rev. Washington,1952. 2 p. 1.967 A2M66

68470 VEGA M., J. A. Insecticidas fosfatados. Mensajero Agr. 70:28. Feb.1952. 9.8 M52

68471 VLASVELD, W. P. N. What needs attention. (In Dutch.) Fruitteelt 42:335. Apr.24,1952. 86 N28
Control of fruit pests.

68472 WASON, E. J. Attacking red scale; preparing ground and trees to increase spraying and fumigation effectiveness. Citrus News 28:9. Jan.1952. 80 C494

68473 WEIDNER, E., and WEIDNER, H. Die zoocecidien Unterfrankens. Aschaffenburg. Natwiss. Mus. Nachr. 32:9-102. Ref. July 1952 [i.e. 1951]. 409.6 As2

68474 WILHELM. Der kampf gegen die rebenfeinde beginnt! Bauern-Ztg. 5(18):8,11. May 2,1952. 18 B324
Control of insect pests and diseases in Germany.

68475 WINKELRIED BERTONI, A. DE. Las plagas de los frutales; medidas preventivas. Paraguay. Min. de Econ. Cart. Agropecuaria 156/158:9-10. Oct./Dec.1951 9.7 Ec72
Insects.

68476 WOLFENBARGER, D. O. Newer pesticide materials in insect and mite control on mangos. In Florida Mango Forum. Mango studies, p.56-59. Stuart, 1951. 93.45 F66
Mites and thrips.

68477 WOLFENBARGER, D. O. Some notes on mango insects. In Florida Mango Forum. Mango studies, p.50-52. Stuart,1951. 93.45 F66

68478 ZIRKEL, H. Die praktischen gegebenheiten bei der bekämpfung der getreideschädlinge in leerräumen. I-II. Mühle 89:301-302,314-315. May 15-22,1952. 298.8 M89

INSECTICIDES

68479 AMERICAN MEDICAL ASSOCIATION. COUNCIL ON PHARMACY AND CHEMISTRY. COMMITTEE ON PESTICIDES. Health hazards of electric vaporizing devices for insecticides. Amer. Med. Assoc. J. 149:367-369. May 24,1952. 448.9 Am37

68480 ASHDOWN, D., and CORDNER, H. B. Some effects on insect control and plant response of a systemic insecticide applied as a spray, a seed treatment, or a soil treatment. J. Econ. Ent. 45:302-307. Apr.1952. 421 J822

68481 BERCK, B., and SMALLMAN, B. N. Absorption and efflorescence of DDT deposited on wood. Soap & Sanit. Chem. 28(4):131-133. Apr.1952. 307.8 So12

68482 BLACKITH, R. E. Stability of contact insecticides. I-II. J. Sci. Food & Agr. 3:219-230. Ref. May 1952. 382 So12
I, Ultra-violet photolysis of the pyrethrins; II, Protection of the pyrethrins against ultra-violet photolysis.

68483 BREAKEY, E. P. Los insecticidas más modernos y su relativa toxicidad. Hacienda 47(5):71,83-84. June 1952. 6 H11

68484 BRENY, R. La défense des cultures. III. Les propriétés physiques des insecticides. B. Hort. (n.s.)7: 35-39. Feb.1,1952. 80 B873

68485 BRINDZE, R. The new poison menace in your home. J. Living 18:3-7. July 1952. 389.8 J822
Insecticides.

68486 BURLINGTON, H., and LINDEMAN, V. F. Action of DDT on the blood of the chicken. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:20-21. Mar.1952. 442.9 F31P

68487 BUXTON, P. A., and others. Symposium on insecticides. Roy. Soc. Trop. Med. & Hyg. Trans. 46:213-274. Ref. May 1952. 448.9 R813
I, The place of insecticides in tropical medicine: an introduction, by P. A. Buxton; II, The objectives of residual insecticidal campaigns, by G. Macdonald; III, Some physical factors affecting the efficiency of insecticides, by A. B. Hadaway and F. Barlow; IV, The newer insecticides in relation to pests of medical importance, by J. R. Busvine; V, The resistance of insects to insecticides, by C. M. Harrison; VI, The action of some synthetic insecticides on mammals, by J. H. Barnes; VII, A plea for the standardization of experimental work on residual insecticides, by R. C. Muirhead-Thomson, R. M. Gordon and T. H. Davey.

68488 CHAMPION, E. Death to pests with safety for higher forms of life. Natl. Safety News 65(6):30-31, 81-84. June 1952. 449.8 N212
Insecticides.

68489 DALAL, L. H., and SHAH, R. C. Synthetic insecticides. II-IV. Indian Chem. Soc. J. 29:13-22,77-82. Jan.-Feb.1952. 385 In27
Chemistry.

68490 EDWARDS, F. I. Report on parathion. Assoc. Off. Agr. Chem. J. 35:381-387. May 15,1952. 381 As7

68491 FISHER, A. L., KEASLING, H. H., and SCHUELER, F. W. Estrogenic action of DDT and some analogues. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:345. Mar.1952. 442.9 F31P
Experiment with poultry.

68492 GARHART, M. D., WITMER, F. J., and TAJIMA, Y. A. Microdetermination of aldrin and dieldrin by infrared spectroscopy. Analyt. Chem. 24:851-857. May 1952. 381 J825A

68493 HARRIS, T. H. Report on chlordane and toxaphene. Assoc. Off. Agr. Chem. J. 35:376-377. May 15, 1952. 381 As7

68494 HENRARD, P. Quelques notes concernant l'hexachlorcyclohexane. Indus. Chim. 39:139-140. Ref. May 1952. 383 In2
English summary.
Properties and residual effects.

68495 HEWLETT, P. S. Comparisons of insecticidal activation. Nature [London] 169:844-845. May 17,1952. 472 N21

68496 HOPKINS, L., NORTON, L. B., and GYRISCO, G. G. Persistence of insecticide residues on forage crops. J. Econ. Ent. 45:213-218. Apr.1952. 421 J822

68497 HORNSTEIN, I. Report on benzene hexachloride. Assoc. Off. Agr. Chem. J. 35:366-368. May 15, 1952. 381 As7

68498 HOYT, A. S. Insecticides and wildlife. N. A. C. News 10(4):3. Mar./Apr:1952. 421 Ag8

68499 JOHNSON, G. A., and others. Decreased toxicity and cholinesterase inhibition in a new series of dithiophosphates. J. Econ. Ent. 45:279-283. Apr.1952. 421 J822

J. H. Fletcher, K. G. Nolan, and J. T. Cassaday, joint authors.

68500 KELSEY, D. Report on pyrethrins. Assoc. Off. Agr. Chem. J. 35:368-371. May 15,1952. 381 As7

68501 LARUE, P. Sur l'action physique des traitements liquides. Prog. Agr. et Vitic. 137:275-276. May 4/11,1952. 14 P94

Insecticides.

68502 MACKAY, I. A. Recent advances in insecticides. Roy. Sanit. Inst. J. 72:187-194. May 1952. 449.9 R812

Includes discussion.

68503 MÜNCHBERG, P. Nochmals zur chemie und physiologie der geruchs- und geschmacksträger des technischen hexachlorcyclohexans. Nachrbl. des Deut. Pflanzenschutzdienstes 3:168-173. Ref. Nov.1951. 442.8 B832

68504 NORTH CAROLINA. DEPT. OF AGRICULTURE. North Carolina insecticide report for 1951. N. C. Dept. Agr. B. 127,114. Apr.1952. 2 N81B

68505 OLIVEIRA E SOUSA MELO, J. DE. Comparative study of some methods of chemical analysis of the insecticides based in DDT. (In Portuguese.) Agron. Angolana 5:129-194. Ref. 1951. 24 Ag83

English summary.

68506 PATTERSON, J. D. Report on dithiocarbamates. Assoc. Off. Agr. Chem. J. 35:388-391. May 15, 1952. 381 As7

68507 PAYFER, R. Report on rotenone. Assoc. Off. Agr. Chem. J. 35:371-372. May 15,1952. 381 As7

68508 PEOPLES, S. A. Quantitative determination of gamma hexachlorocyclohexane in animal tissue. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:382. Mar. 1952. 442.9 F31P

68509 PICCARDO, G. Total chlorine in chlordane. (In Italian.) Italia Agr. 89:232-234. Ref. Apr.1952. 16 It1

68510 POTTER, G. C., and SHELLENBERGER, J. A. The detection of insect contaminates in cereals by a spectrophotometric procedure. Cereal Chem. 29:223-227. Ref. May 1952. 59.8 C33

68511 RADOMSKI, J. L., and DAVIDOW, B. Isolation of an epoxide metabolite from fat tissue of dogs fed heptachlor. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:383. Mar.1952. 442.9 F31P

68512 RIDER, J. A., ELLINWOOD, L. E., and COON, J. M. Tolerance to octamethyl pyrophosphoramide (OMPA). (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:386. Mar.1952. 442.9 F31P

68513 RIVERO, J. M. DEL. Ideas fundamentales sobre los insecticidas fluorados inorgánicos. Asoc. Nac. de Ingen. Agron. B. Ofic. 3(23):3-16. Ref. Feb.1952. 58.9 As5

68514 RIVERO, J. M. DEL. Notas sobre el fluosilicato de sodio y sobre la toxicidad de los insecticidas fluorados. Siembra [Madrid] 8(3):15-17. Ref. Mar.1952. 15 Si1

Sodium flusilicate as herbicide, insecticide, defoliator, soil sterilizer, and fungicide, and sodium fluoride as insecticide.

68515 SAMUEL, B. L. Report on piperonyl butoxide. Assoc. Off. Agr. Chem. J. 35:391-393. May 15,1952. 381 As7

68516 SMITH, H. A. Pyrethrum at the crossroads. Soap & Sanitary Chem. 28(6):155,157,189. June 1952. 307.8 So12

68517 TAKEUCHI, T. Analytical method of derris powder. (In Japanese.) Jap. J. Plant Protect. 21:30-33. Mar.1951. 421 J27

68518 THIENES, C. H., and others. Lack of toxicity of parathion spray residue in orange peel and juice. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:397. Mar.1952. 442.9 F31P

O. M. Meredith, E. Prescott, and J. Parsons, joint authors.

68519 U. S. INTERDEPARTMENTAL COMMITTEE ON PEST CONTROL. Malathon, a coined name for the insecticidal chemical O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate. Washington,1952. 3 p. 173 In824M

68520 VELSICOL CORPORATION. Carriers and diluents for chlordane dust formulations. Velsicol Corp. Tech. B. 215,6 p. 1951. 464.9 V54

68521 VITA, D., and ANGELI, L. DE. Quantitative determination of dieldrin. (In Italian.) Ist. Super. di Sanit. Rend. 15:91-93. 1952. 449.9 R66

English summary.

68522 WALDMAN, R. K. Some insecticides toxic to man. Conn. State Dept. Health. Conn. Health B. 66:179-181. Ref. June 1952. 449.7 C76C

68523 WEBER, E. Bemerkung zur bestimmung von DDT (dichlordiphenyltrichloräthan) und HCCH (gamma-hexachlorcychlohexan) nebeneinander durch indirekte analyse. Z. f. Anal. Chem. 135:113-115. 1952. 384 Z3

68524 WILLARD, H. H., and HORTON, C. A. Fluorometric determinations of traces of fluoride. Analyt. Chem. 24:862-865. Ref. May 1952. 381 J825A

68525 WOODARD, G., HARKNESS, W. D., and SRENSEK, S. E. Some pharmacological effects of allethrin. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11: 404. Mar.1952. 442.9 F31P

APICULTURE AND APIS MELLIFERA

68526 ADEE, E. H. Management of supers in relation to the crop. Amer. Bee J. 92:238. June 1952. 424.8 Am3

68527 AGUADO VILLALBA, J. Bebederos apicolas. Valencia Avic. 8(10):39-40. Nov.1951. 47.8 V23

68528 AGUADO VILLALBA, J. Dívagaciones apicolas. Valencia Avic. 8(12):39-40. Jan.1952. 47.8 V23

68529 ALEX, A. H., THOMAS, F. L., and WARNE, B. Importance of bees in sweetclover seed production. Tex. Agr. Expt. Sta. Prog. Rpt. 1458,3 p. May 1,1952. 100 T31P

68530 ALLEN, M. Y. The bee's food. Yorkshire Beekeeper 3:37-38. May 1952. 424.8 Y8

Pollen.

68531 ANDERSEN, J. C. Placement of bees for pollination of seed crops. (In Danish.) Tidsskr. f. Frøavl 40:399-401. May 10,1952. 61.8 T43

68532 ANDREU, E. La sexuation des œufs de reines d'abeille. Rev. Agr. de l'Afrique du Nord 50:107. Feb.8,1952. 80 R326

68533 BARTLETT, R. C. Swarm control, 1951. Wiltshire Beekeepers' Gaz. 79:5-7. May/June 1952. 424.8 W71

68534 BEE DISEASE ADVISORY COMMITTEE. Use of sulphonamide drugs for the treatment of American foul brood. Yorkshire Beekeeper 3:32. May 1952. 424.8 Y8

68535 BOHART, G. E., and KNOWLTON, G. F. Honey bees for higher yields of alfalfa seed in Utah. Utah. State Agr. Col. Ext. C. 154,6 p.-folder. Apr.1952. 275.29 Ut1

68536 BONE, D. Our grandfathers and the winter problem. XIII. Bee Craft 34:77. May 1952. 424.8 B3925

68537 BRAUN, P. E. Demareeing. Gleanings Bee Cult. 80:341-342. June 1952. 424.8 G47

68538 CALE, G. H. Removing extracted honey with acid. Amer. Bee J. 92:242. June 1952. 424.8 Am3

68539 CAMPOS R., F. Las abejas no causan daños a los cultivos y colaboran asiduamente en la polinización. Consorcio de Cent. Agr. de Manabi. Rev. 12(69):39. Jan./Mar.1952. 9.5 M31

68540 ECKERT, J. E. Some fundamentals of queen rearing. Scot. Beekeeper 28:100-101. May 1952. 424.8 Sco8

68541 EKWALL, A. Winterhagen's white wax building. (In Swedish.) Bitidningen 51:105-107. May 1952. 424.8 B54
Comb and frame construction.

68542 EVENIUS. Die vergiftungsschädenversicherung. Nordwestdeut. Imkerztg. 4:85-86. Mar.1952. 424.8 N753

68543 EVERS, J. Fabulous harvest. (In Dutch.) Maandschr. v. Bijenteelt 54:40-42,56-57. (Cont.) Mar.-Apr.1952. 424.9 V58
Colony management.

68544 FARRAR, C. L., and CALE, G. H. The effect of a two-queen system on the harvest. Amer. Bee J. 92: 236-237. June 1952. 424.8 Am3

68545 FECHY, A. M. Reparlons de la conduite des abeilles en ruche double horizontale. Apiculteur 95:142-144. Aug./Sept.1951. 424.8 Ap3

68546 FORTIN, B. Les abeilles. VI. La recolte du pollen. Foyer Rur. [Montreal] 11(7):19. May 1952. 7 F83
Canada.

68547 FRISCH, R. Das ausleseproblem in der bienenzüchtung. Z. f. Bienenforsch. 1:115-123. Jan.1952. 424.8 Z3

68548 GERBER, R. Vogelschutz und bienenzucht. Urana 15:100-106. Ref. Mar.1952. 474 Ur1

68549 GHIDINI, G. M. The bee. (In Italian.) Sci. e Lav. 6(12):3-73. Dec.1951. 475 Sci27

68550 GOODING, S. Drones and the honey-crop. Field 199:792. May 17,1952. 10 F45
A.I. may be used to keep their numbers low.

68551 GOROSTIDI E YMAZ, A. Producción del colmenar. Valencia Avic. 8(11):39-41. Dec.1951. 47.8 V23

68552 GROOT, A. P. DE. Amino acid requirements for growth of the honeybee (Apis mellifica L.). Experientia 8:192-193. May 15,1952. 475 Ex7

68553 HAMMER, O. On the interest of bees in flowering ornamental shrubs and bushes. (In Danish.) Gart.-Tid. 68:191-192. May 19,1952. 80 G192

68554 HANSEN, C. C. Requeening in relation to crop production. Amer. Bee J. 92:239-240. June 1952. 424.8 Am3

68555 HOLCOMBE, P. L. The treatment of American foul brood. N. J. Dept. Agr. C. 387,9 p. Feb.1952. 2 N46C

68556 HUTCHINS, R. E. Southern queens for the honey world. Nat. Hist. 61:280-284. June 1952. 5C0 N483J

68557 JOHNSEN, P. On some sprays and bees. (In Danish.) Erhvervsfrugtavleren 18:214-216. May 1,1952. 80 Er3

68558 KILLION, C. E., and KILLION, E. "Bringin' home th' bacon." Amer. Bee J. 92:244. June 1952. 424.8 Am3
Honey removal.

68559 KROEBER, A. L. Sign and symbol in bee communications. (Abs.) Science 115:483. May 2,1952. 470 Sci2

68560 LE MAISTRE, W. G. Beekeeping in Alberta, Canada. Gleanings Bee Cult. 80:336-340. June 1952. 424.8 G47

68561 LYLE, N. I. Management for bulk comb production. Amer. Bee J. 92:245. June 1952. 424.8 Am3

68562 MCHARDY, J. W. Broodings on brood food. Scot. Beekeeper 28:107. May 1952. 424.8 Sco8
Swarming.

68563 MARTIMO, E. Research in the beekeeping field in Finland. (In Swedish.) Nord. Bitidskr. 4:13. 1952. 424.8 N752

68564 MEIER, K. The Heidelberg beekeeper school. Mod. Beekeeping 36:164-166. May 15,1952. 424.8 B397

68565 MICKWITZ, R. Ventilation in the beehive during the winter. (In Swedish.) Bitidningen 51:107-108. May 1952. 424.8 B54

68566 MILLER, L. F. Quick and easy honey harvest. Amer. Bee J. 92:240-241. June 1952. 424.8 Am3

68567 MILNE, P. S., and INGOLD, G. A. Import of bees, 1947-1951. Scot. Beekeeper 28:103-104. May 1952. 424.8 Sco8

68568 MORSE, R. A. Steel strapping for moving colonies. Amer. Bee J. 92:248-249. June 1952. 424.8 Am3

68569 MUSSHAUSER, J. Eine stimme aus dem westlichsten zipfel des "Carnica"-gebietes. Österr. Imker 2: 30-31. Feb.1952. 424.8 Os7

68570 MUTTOO, R. N. The correct scientific nomenclature for our Indian hive bees. Indian Bee J. 13:150-153. Nov./Dec.1951. 424.8 In2

68571 MUTTOO, R. N. Cottage-scale vs. commercial bee-keeping. Indian Bee J. 13:154-155. Nov./Dec.1951. 424.8 In2

68572 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Good bee-keeping practice. North. Ireland. Min. Agr. L. 108,12 p. Apr.1952. 10 N81

68573 OLSON, M. C. A cure for laying workers? Mod. Beekeeping 36:157,167. May 15,1952. 424.8 B397

68574 PESCIO, M. Nosemosis. Chacra 22(258):36. May 1952. 9 C34

68575 ROGERS, N. V. One man's meat. I. Bee Craft 34:75-76. May 1952. 424.8 B3925
Colony management.

68576 ROTHAMSTED EXPERIMENTAL STATION. BEE DEPT. Report, by C. G. Butler. Bee Craft 34:78-79. (Cont.) May 1952. 424.8 B3925

68577 ROTHENBUHLER, W. C., GOWEN, J. W., and PARK, O. W. Androgenesis with zygogenesis in gynandromorphic honeybees (Apis mellifera L.). Science 115:637-638. Ref. June 13,1952. 470 Sci2

68578 SANDRUD, L. Harvesting pollen frames. (In Norwegian.) Nord. Bitidskr. 4:14-15. 1952. 424.8 N752

68579 SCHMID, S. Bienen und schädlings-gifte. Kärntner Bauer 102:261-263. Apr.26,1952. 19 K14

68580 SIMON, F. Wie kann ich den honigertrag steigern. Österr. Imker 2:35-36. Feb.1952. 424.8 Os7

68581 SOLANO, R. Lucha contra la acariosis de las abejas. Cult. Mod. 35:129-130. Apr.1952. 15 C89
Spain.

68582 STANEK, L. Modern AZ-beehive. (In Slovenian.) Slovenski Cebelar 54:62-65. (Cont.) Apr.15,1952. 424.8 SL5

68583 SVERIGES BIODLARES RIKSFORBUND. Report of the National Association of Beekeeper's of Sweden. (In Swedish.) Bitidningen 51:110-112. May 1952 424.8 B54

68584 TAYLOR, F. J. A hundred million bees for hire. Reader's Digest 61,i.e.60(363):132-135. July 1952. 110 R22
Planned pollination.

68585 TEAL, H. Section production. Wiltshire Beekeepers' Gaz. 79:2-3,5. May/June 1952. 424.8 W71

68586 TIELECKE, H. Bienengefährdung durch pflanzenschutzmittel. Duet. Landwirt. 3:148-150. Mar. 1952. 18 D4822

68587 TOMITA, K. The influence of the weather on the honey-harvest of bees. (In Japanese.) Utsunomiya U. Col. Agr. B. 1:239-249. Mar.1951. 107.6 Ut7B
English summary.

68588 TYLDEN, E. Winter rest of the bees. (In Norwegian.) Nord. Bitidskr. 4:1-5. 1952. 424.8 N752

68589 WEERDT, E. DE. The thorough spring investigation. (In Flemish.) Tuinbouwberichten 16:75-76. May 15,1952. 80 T817
Of beehives.

68590 WEETH, W. W. Alfalfa pollination controversy. Calif. Farmer, North. Ed. 196:530-531. May 17,1952. 6 C126
Experiments indicate one bee stand per acre is helpful in alfalfa seed production.

68591 WINKEL, A. Does it help, that the Dutch Beekeeper's Association has given information on diseases of bees and on the possibilities for their control? (In Dutch.) Maandschr. v. Bijenteelt 54:6-7,26-28. Jan.-Feb.1952. 424.9 V58

ARACHNIDA, MYRIAPODA, ETC.

68592 ANGELIER, E. Diagnoses sommaires d'Hydracariens psammiques nouveaux de corse. Mus. Natl. d'Hist. Nat. B. (ser.2)23:508-510. Oct.1951. 410.9 P213
Includes new spp. in Acherontacarus, Parawandesia n.g., Psammotorrenticola n. g., Bandakia, Megapus, Kongsbergia, Momonides, Balcanohydracarus and Arrenurus.

68593 BELL, J. F. Some factors concerned in the infection of ticks with Pasteurella tularensis. Minn. U. Sum. Ph. D. Theses 5:39-41. 1951. 241.8 M66

68594 BLAUVELT, W. E. New developments in spider mite [Paratetranychus pilosus] control. Amer. Rose Annu. 37:129-138. 1952. 81 Am31A

68595 BÜCHERL, W. Estudos sobre a biologia e a sistemática do género Grammostola Simon, 1892 [Biologisch-systematische studien über die arten der gattung Grammostola Simon, 1892]. Inst. Butantan. Monog. 1, 203 p. Ref. Apr.1951. 448.9 B97M
German summary.

68596 CAPORIACCO, L. DI. Studi sugli aracnidi del Venezuela raccolti dalla Sezione di Biologia, Universitá Centrale del Venezuela. I [Studies on Arachnida of Venezuela collected by the Biology Section, Central University of Venezuela. I.]. Acta Biol. Venezuelica 1(1),46 p. Sept.25,1951. 475 Ac86
Includes new spp. in Phalangodinella n.g., Paraminuella n.g., Parisminia, Ayacucho, Paravima n.g., Metavononoides, Eucynortula, Kevonones, Oligovonones n.g., Paecilaemula, Cynorta, Stenostygnellus, Stenostygnus, Stygnicranella n.g., Cranaostygnus n.g., Rhopalocranaus, Geaya, Prionostemma, Mummuciona, Haploditha n.g.
Spanish summary.

68597 CHICKERING, A. M. A revision of families of the spiders in Michigan. Mich. Acad. Sci. Arts & Let. Papers 36:119-139. Ref. 1950. 500 M582

68598 CLOUDSLEY-THOMPSON, J. L. The behaviour of centipedes and millipedes. I. Responses to environmental stimuli. Ann. & Mag. Nat. Hist. (ser.12)5: 417-434. Ref. May 1952. 410 An77

68599 CRABILL, R. E., JR. A new subspecies of Otocryptops gracilis (Wood) from the eastern United States, together with remarks on the status of Otocryptops nigridius (McNeill) and a key to the species of the genus now known to occur east of the Rocky Mountains (Chilopoda: Scolopendromorpha: Cryptopidae). Ent. News [Philadelphia] 63:123-129. May 1952. 421 En88

68600 EADS, R. B. A new species of Androlaelaps (Acarina: Laelaptidae). J. Parasitol. 38:239-241. June 1952. 448.8 J824

68601 EDWARDS, A. R. Support for the view that Cheyletus eruditus Schrank (Acarina, Trombidiformes) has heteromorphic males. Ent. Mon. Mag. 88:107. May 1952. 421 En86

68602 ELISHEWITZ, H. Studies on the embryology and postembryonic development of Dermacentor variabilis Say. Minn. U. Sum. Ph. D. Theses 5:48-53. 1951. 241.8 M66

68603 FLESCHNER, C. A., and RICKER, D. W. New potential mite pest [Paratetranychus platani] on avocados. Citrus Leaves 32(6):18. June 1952. 80 C482

68604 GARMAN, P. Experiments with systemic phosphates for control of red spiders [Paratetranychus pilosus] on greenhouse roses. Amer. Rose Annu. 37:139-143. 1952. 81 Am31A

68605 GILBERT, O. Studies of the histology of the mid-gut of the Chelonethi or Pseudoscorpiones. Q. J. Micros. Sci. 93:31-45. Ref. Mar.1952. 440.8 Q2
Dactylochelifer latreilli.

68606 GORVETT, H. The tegumental glands in the land Isopoda. C. Q. J. Micros. Sci. 93:17-29. Mar.1952. 440.8 Q2

68607 GRANDJEAN, F. Sur le tégument des Oribates. Mus. Natl. d'Hist. Nat. B. (ser.2)23:497-504. Oct.1951. 410.9 P213

68608 HEMMING, F. On the authorship and date of publication of the generic name "Tylos" (Class Crustacea, Order Isopoda). B. Zool. Nomencl. 6:177-178. May 22,1952. 410 B874

68609 HEMMING, F. Proposed correction of the entry in the "Official list of generic names in zoology" relating to the name there recorded as "Segestria" Walckenaer, 1805 (Class Arachnida, Order Araneida) (proposed correction of an error in "opinion" 104). B. Zool. Nomencl. 6:198-200. May 22,1952. 410 B874

68610 HEROLD, T. Support for the proposal that the generic name "Tylos" Latreille, 1826 (Class Crustacea, Order Isopoda) should be preserved as against "Tylos" Meigen, 1800 (Class Insecta, Order Diptera). B. Zool. Nomencl. 6:173-176. Ref. May 22,1952. 410 B874
Additional remarks by I. Gordon, and A. Vandel.

68611 HEY, G. L. Spray for red spider on Monday. Grower [London] 37:1181-1182. May 24,1952. 286.83 M34
Tetranychus.

68612 JAMESON, E. W., JR., and CHOW, C. Y. Pteracarus, a new genus of myobiid mites (Acarina: Myobiidae) from bats (Mammalia: Chiroptera). J. Parasitol. 38:218-221. June 1952. 448.8 J824

68613 JEPPSON, L. R. Field studies with new acaricides to control citrus bud mite [Aceria sheldoni]. J. Econ. Ent. 45:271-273. Apr.1952. 421 J822

68614 KEH, B. Mating experiments with the two-spotted spider mite complex. J. Econ. Ent. 45:308-312. Apr.1952. 421 J822
Tetranychus bimaculatus cross-mated with T. multisetis.

68615 KURCHATOV, V. I. Control of ixodic ticks in pastures. (In Russian.) Veterinariia 29(4):42-44. Apr. 1952. 41.8 V6426
Airplane dusting of Boophilus calcaratus with DDT.

68616 LIENK, S. E., CHAPMAN, P. J., and MYBURGH, A. Evaluation of acaricides against three species of orchard mites. J. Econ. Ent. 45:292-297. Apr.1952. 421 J822
Paratetranychus pilosus, Tetranychus bimaculatus and Bryobia praetiosa.

68617 LINDGREN, L. A. H. Notes on the mass occurrence of Cylindroiulus teutonicus Pocock in Sweden. Ent. Tidskr. 73:38-40. 1952. 421 En891

68618 LUNDBLAD, O. Eine neue australische wassermilbe. Ent. Tidskr. 73:23-26. 1952. 421 En891
In Paralimnochares.

68619 MEEUSE, A. D. J. Application pratique de différents genres de produits antimites. Inst. Textile de France. B. 30:373-378. Jan.1952. 304.8 T3145
Application to wool.

68620 PRITCHARD, A. E., and BAKER, E. W. A guide to the spider mites of deciduous fruit trees. Hilgardia 21:253-287. Ref. Feb.1952. 100 C12H
Twelve species in Bryobia, Metatranychus, Paratetranychus, Eotetranychus, and Tetranychus.

68621 RADFORD, C. D. A revision of the fur mites Myobiidae (Acarina). Mus. Natl. d'Hist. Nat. B. (ser.2)23: 511-512. (Cont.) Oct.1951. 410.9 P213

68622 SCHENKEL, E. Spinnentiere aus dem westlichen Nordamerika, gesammelt von Dr. Hans Schenkel-Rudin. II. Natforsch. Gesell. Basel. Verhandl. 62:24-62. Ref. 1951. 508 B29
Includes new species in Pardosa, Tarentula, Lycosa, Metaphidippus, Habrocestum, Microgyas n. g., Liomitopus n. g., Liopilio n. g., Eurybunus, Globipes, Protolophus, Leuronychus, and Nelima.

68623 SCHUBART, O. Sobre alguns Leptodesmidae do distrito Federal do Brasil e do Estado do Rio de Janeiro [On some Leptodesmidae of the Federal District of Brazil and of the State of Rio de Janeiro]. Mus. Nac. B. Nova Sér. Zool. 101,15 p. Feb.10,1951. 516 B47Bz
English summary.
Includes new species in Leptodesmus and Pseudoeurydesmella n.g.

68624 TURK, F. A., and TURK, S. M. Studies of Acari. 7th series: "Records and descriptions of mites new to the British fauna, together with short notes on the biology of sundry species." Ann. & Mag. Nat. Hist. (ser.12)5:475-506. Ref. May 1952. 410 An77
Includes new spp. in Parasitus, Phaulodiaspis, Ettmulleria, and Schwiebea.

68625 VACHON, M. Biogeographie des scorpions du nord de l'Afrique. Soc. de Biogéog. Compt. Rend. 28:61-65. Mar./May 1951. 505 P216

68626 VITER, V. D. Investigation of effective methods for control of the Persian tick [Argas persicus]. (In Russian.) Veterinariia 29(4):33-34. Apr.1952. 41.8 V6426

68627 VLADIMIROV, I. F. Observations on tarantula [Trochosa singoriensis]. (In Russian.) Priroda 40(12): 29-34. Dec.1951. 410 P933

68628 VOSS. Die bekämpfung der hühner- oder vogelmilbe [Dermanyssus] in der geflügelzucht. Deut. Wirtgeflügelzucht. 4:370. May 3,1952. 47.8 D483

68629 WALLACE, M. J. A major pest of tomatoes. Smallholder 87(2188):8. Apr.25,1952. 10 Sm1
Red spider mite, Tetranychus.

68630 ZUMPT, F. Phylogenie der zecken und "naturliches system." Z. f. Parasitenk. 15:87-101. Ref. 1951. 442.8 Z33F
Ixodoidea.

COLEOPTERA

68631 ANERUD, K. Click beetle larvae and flea beetles. (In Swedish.) Försök och Forsk. 9:27. Apr./May 1952. 11 F77

68632 AUERSCH, O. Beobachtungen über kartoffelkäferauftreten im zusammenhang mit kartoffelanbau. Deut. Landwirt. 3:139-142. Mar.1952. 18 D4822
Leptinotarsa decemlineata.

68633 BALFOUR-BROWNE, J. Mission A. Villiers au Togo et au Dahomey (1950). VII. Coléoptères, Hydrophilides. Inst. Franç. d'Afrique Noire. B. 14:126-139. Jan.1952. 515 D14
Includes new species in Coelostoma, Helochares Enochrus and Berosus.

68634 BANERJI, S., and DUTT, D. K. Cleoporus lefevrei Duviv.—a new pest of jute (Corchorus olitorius), and its control. Sci. & Cult. 17:443-444. Apr.1952. 475 Sci24

68635 BECKERICH, A. Une offensive "hannetons" dans l'Aisne. Rustica 25:515. June 1,1952. 14 R92
Melolontha.

68636 BERTRAND, H. Remarques sur la biogeographie de quelques Coleoptères aquatiques de l'Afrique du Nord. Soc. de Biogéog. Compt. Rend. 28:114-118. Ref. Mar./May 1951. 505 P216

68637 BODINIER, R. A. L'opération "hanneton" a vaincu même les préjugés. Monit. du Prog. Agr. et Vitic. 5(211):12. May 11,1952. 14 M744
Melolontha in France.

68638 BRUNDIN, L. Acrotona-studien. Gattung Atheta, Col., Staphylinidae. Ent. Tidskr. 73:93-128. 1952. 421 En891

68639 BUCK, F. D. Pentarthrum huttoni Woll. (Col., Curculionidae) in Canada. Ent. Mon. Mag. 88:103. May 1952. 421 En86
New geographical record.

68640 BURRAGE, R. H., and GYRISCO, G. G. Control of the European chafer [Amphimallon majalis] in pasture sod. J. Econ. Ent. 45:313-315. Apr.1952. 421 J822

68641 CROWSON, R. A. The classification of the families of British Coleoptera. Ent. Mon. Mag. 88:109-120. (Cont.) May 1952. 421 En86

68642 DAHLGREN, G. Beetles on edge of rain puddles. (In Swedish.) Ent. Tidskr. 73:65-66. 1952. 421 En891

68643 DAVIS, C. J. Some observations on the fern weevil (Syagrius fulvitarsis Pascoe) in the Kilauea Volcano region of Hawaii National Park with with notes on parasitism. Hawaii. Ent. Soc. Proc. 14:403-405. 1951. pub. Mar.1952. 420 H312

68644 DILLON, L. S., and DILLON, E. S. Cerambycidae of the Fiji Islands. Bernice P. Bishop Mus. B. 206, 114 p. 1952. 500 B45B
Includes new spp. in Olethrius, Distenia, Ceresium, Laniferus n. g., Tillomimus n. g., Nerida, Dendrides n. g. Oihus n. g., Oloessa, Diastosphya, Gracilosphya n. g., Sormida, Pterolophia, Christoopsis n. g., Paroopsis n. g., Euoopsis n. g., Oopsidius, Oopsis, Microopsis n. g., Cyrtinoopsis n. g., Similoopsis n. g., Sybra, Similosybra n. g., Sybroides n. g., Gemylus, Gracisybra n. g., Moala n. g., Vitilevua n. g., and Neosciadella n. g.

68645 DITMAN, L. P. Insecticides for Mexican bean beetle [Epilachna varivestis] control. Canning Trade 74(46):8,23. June 2,1952. 286.83 T67

68646 DREISEITL. Sachgemässe kartoffelkäferbekämpfung. Salzburger Bauer 7(20):2. May 15,1952. 19 Sa3
Leptinotarsa decemlineata.

68647 EGAMI, N. Inheritance of elytral color and pattern in Phytodecta rubripennis. (In Japanese.) Jap. J. Genet. 26:141-144. Aug.1951. 442.9 J27
English summary.

68648 ENGEL. Der kartoffelkäfer [Leptinotarsa decemlineata] ist wieder da! Bauern-Ztg. 5(20):5. May 16,1952. 18 B324
Germany.

68649 GERSDORF. Moosknopfkäfer an rübensteckLingen. Gesunde Pflanzen 4:64-65. Mar.1952. 464.8 G33
Atomaria linearis.

68650 GHIDINI, G. M. The "cleono" [Conorhynchus luigionii] of sugar beets and the extension of its area of distribution. (In Italian.) Indus. Sac. Ital. 45:23-25. Jan./Feb.1952. 65.8 In23

68651 GOODWIN-BAILEY, K. F., and HOLBORN, J. M. Laboratory and field experiments with pyrethrins. Piperonyl butoxide powders for the protection of grain. Pyrethrum Post 4(2):7-17. Jan.1952. 421 P99
Against Calandra granaria.

68652 GREEN, J. W. The Lycidae of the United States and Canada. IV. The tribe Calopterini (Coleoptera). Amer. Ent. Soc. Trans. 78:1-20. Mar.1952. 420 P53
New species and sub-genus in Celetes.

68653 GRIDELLI, E. Contribution à l'étude du peuplement de la Mauritanie. Coléoptères, Ténébrionides. Inst. Franç. d'Afrique Noire. B. 14:60-96. Jan.1952. 515 D14
Includes new species in Cimipsa.

68654 HAGET, A. Expériences de section longitudinale de la blastule de Leptinotarsa (Insecte, Col.). Soc. de Biol. Compt. Rend. 146:87-89. Jan.1952. 442.9 P21

68655 HANKE, M. L. Die aufgaben des bäuerlichen vorratsschutzes. Landwirt. Z. der Nord-Rheinprov. 119:484. May 10,1952. 18 L2344
Control of Sitophilus granarius, Tinea [i. e. Nemapogon] granella, and rats.

68656 HERRON, J. C. Control of sweet clover weevil [Sitona cylindricollis] in Ohio. J. Econ. Ent. 45:316-319. Apr.1952. 421 J822

68657 HOFFMANN, A. Contribution à l'étude de Ceuthorrhynchus assimilis Payk. (le Ceuthorrhynque des siliques). Rev. de Path. Vég. et d'Ent. Agr. de France 30: 238-252. Ref. Oct./Dec.1951. 464.9 So1

68658 JACKSON, D. J. Haliplus obliquus F. (Col., Haliplidae) in Fife, with notes on other water beetles and waterbugs from the same habitat. Ent. Mon. Mag. 88:108. May 1952. 421 En86

68659 JAEGER, F. Kampf dem borkenkäfer! Hannoversche Land- u. Forstwirt. Ztg. 105:474. May 10, 1952. 18 H194

68660 JONES, G. D. Get ready for the boll weevil. Carolina Co-op. 30(5):10-11. May 1952. 72.8 N81

68661 JONES, J. C., and TAUBER, O. E. Effects of hemorrhage, cauterization, ligation, desiccation, and starvation on hemocytes of mealworm larvae (Tenebrio molitor L.). Iowa State Col. J. Sci. 26:371-386. Ref. Apr.1952. 470 Io9

68662 KLIUSHKIN, P. A. Effective method for destroying the larvae of leaf beetle [Lema melanopus]. (In Russian.) Sovet. Agron. 10(5):89-90. May 1952. 20 So84

68663 KORSCHEFSKY, R. Bestimmungstabelle der bekanntesten deutschen Lyciden-, Lampyriden- und Drilidenlarven (Coleoptera). Beitr. z. Ent. 1:60-64. Oct. 1951. 421 B392

68664 KÜHNELT, W. Zwei bemerkenswerte Tenebrioniden aus Iran. Natforsch. Gesell. Basel. Verhandl. 62:245-247. 1951. 508 B29
Arthrodosis pfaundleri and Adesmia aenescens n. sp.

68665 LEGGIERI, G. Coffee attacked by Hypothenemus hampei. (In Italian.) Chimica (n.s.)7:88-93. Mar. 1952. 385 C445
English summary.
Extent of damage produced.

68666 LEHMANN, E. Hundert jahre kartoffelkäfer [Leptinotarsa decemlineata]. Orion 7:337-339. May 1952. 474 Or4

68667 LUDERS, W. Erfahrungen mit gamma-mitteln bei der engerlingbekämpfung in zuckerrüben. Deut. Landwirt.-Gesell. Mitt. 67:259-261. Apr.19,1952. 18 N39
Melolontha.

68668 LUNDBLAD, O. Notes on interesting or little known Coleoptera. (In Swedish.) Ent. Tidskr. 73:17-22. 1952. 421 En891

68669 LUNDBLAD, O. Die schwedischen Scaphosomaarten. Ent. Tidskr. 73:27-32. 1952. 421 En891

68670 MCCOY, C. E., and BRINDLEY, T. A. Those four-spotted bugs—friend or foe? Iowa. State Col. Agr. Ext. Iowa Farm Sci. 6(11):180-181. May 1952. 275.28 Io94
Carpophilus dimidiatus a factor in controlling Pyrausta nubilalis.

68671 MCKEOWN, K. C. Notes on Cerambycidae. Roy. Zool. Soc. N. S. Wales. Proc. 71:23-24. 1950/51, pub.1952. 410.9 N48P

68672 MARTINEZ ANDREU, A. El picudo negro del plátano (Cosmopolites sordidus Germar). Almanaque Agr. Nac. 1952:93-102. 8 AL64
Cuba.

68673 MATHISEN, M. C. Japanese beetle [Popillia japonica] preferences. Amer. Rose Annu. 37:183-187. 1952. 81 Am31A

68674 MAYER, H. R. Die kartoffelkäferbekämpfung 1951. Landwirt. Wchnbl. 142:616-617. May 31, 1952. 18 L2338
Leptinotarsa decemlineata.

68675 MOFFETT, B. W. War being waged on alfalfa snout beetle [Brachyrhinus ligustici]. Farm & Gard. [Watertown],May 10,1952:1,4. 6 F234

68676 MUHLE, E., and FROHLICH, G. Vergleichende untersuchungen über Brachyrrhinus (= Otiorrhynchus) ligustici L. und Liophloeus tessulatus Müll. und deren beziehungen zum liebstöckel, Levisticum officinale Koch. Beitr. z. Ent. 1:1-41. Ref. Oct.1951. 421 B392

68677 MUKA, A. A., and others. Further advances in alfalfa snout beetle [Brachyrhinus ligustici] control. J. Econ. Ent. 45:298-302. Apr.1952. 421 J822
G. G. Gyrisco, L. Hopkins, and D. S. Marshall, joint authors.

68678 MYBURGH, A. C. Olive beetles in the Western Cape Province. Farming So. Africa 27:247-249,253. Apr.1952. 24 So842
Argopistes olea and Argopistes sexvittatus.

68679 NETHERLANDS. PLANTENZIEKTENKUNDIGE DIENST. De bestrijding van glanskevers en snuitkevers in kruisbloemige gewassen [Control of rape beetles [Meligethes aeneus] and cabbage shoot weevils [Ceutorhynchus assimilis] in Cruciferea]. Wageningen, 1952. 2 p. 464.9 N38

68680 NEW SOUTH WALES. DEPT. OF AGRICULTURE. ENTOMOLOGICAL BR. Carnivorous ground beetles (Carabidae). Agr. Gaz. N. S. Wales 63:148. Mar.1952. 23 N472

68681 NEWCOMER, E. J. Report on a study of a program to control the coffee borer [Stephanoderes hampei] in Brazil. (In Portuguese.) São Paulo. Supt. dos Serv. do Café. B. 27:134-144. Ref. Feb.1952. 68.29 Sa63

68682 OFFHAUS, K. Der vitaminbedarf des reismehlkäfers Tribolium confusum Duval. I. Uber den für Tribolium confusum lebensnotwendigen wasserunlöslichen hefeanteil. Z. f. Vitamin-, Hormon- u. Fermentforsch. 4:555-563. Ref. 1952. 384 Z324
English summary.

68683 OTANES, F. Q. Control of grubs [Leucopholis irrorata] attacking Spathoglottis. Philippine Orchid Rev. 4(2):27-28. Oct.1951. 80 P53

68684 PAPP, C. S. Petite contribution à l'étude des Chrysomélides de la faune africaine. Inst. Franç. d'Afrique Noire. B. 14:120-125. Jan.1952. 515 D14
Includes new species in Diapromorpha.

68685 PARK, O. Pselaphidae of Oceania, with special reference to the Fiji Islands. Bernice P. Bishop Mus. B. 207,60 p. Ref. 1952. 500 B45B
Includes new spp. in Fijiastes n. g., Placodium, Reichenbachia, Eupifigia n. g., Rybaxis, Batrifigia n. g., Batrivitis n. g., Sulcifigia n. g., Korovodes n. g., and Batrinanda n. g.

68686 PEETERS, F. J. Wireworm damage in our gardens. (In Flemish.) Cult. en Handel 18:281-282. May 1952. 80 C892

68687 PIC, M. Etude abrégée sur les Mégalopides du Congo (Col. Phytophages). Rev. de Zool. et de Bot. Africaines 45:24-48. Dec.22,1951. 410 R326
Includes new genera Falsotemnaspis, Macroantonaria, Bryantonaria and Mimocolobapsis; new subgenera and species in Antonaria and Macrolopha; new species in Sphondylia, Poecilomorpha and Falsocolobapsis.

68688 PIC, M. Mission A. Villiers au Togo et au Dahomey (1950). VI. Coléoptères divers. Inst. Franc. d'Afrique Noire. B. 14:97-119. Jan.1952. 515 D14
Includes new species in Lycus, Cautires, Zonabris, Macratria, Mordellistena, Synallecula, Acritolagria, Heterogria, Xenogena, Pseudeutrapela n. g., Clada, Tillus, Phaeocyclotomus, Cephaloclerus, Sphinginopalpus, Apalochrus, and Bruchidius.

68689 POLIVKA, J. B. Control of the northern masked chafer [Cyclocephala borealis] with adrin and dieldrin. J. Econ. Ent. 45:347-348. Apr.1952. 421 J822

68690 POLIVKA, J. B. Field tests of insecticides for control of Japanese beetle [Popillia japonica] larvae. J. Econ. Ent. 45:251-254. Apr.1952. 421 J822
Lead arsenate, DDT and chlordane.

68691 PRZYGODDA, W. Kartoffelkäfer-bekämpfung durch vögel? Landwirt. Z. der Nord-Rheinprov. 119:402-403. Apr.19,1952. 18 L2344
Bird protection for biological control of Leptinotarsa decemlineata.

68692 REISINGER, E., and SCHEDL, K. E. Maikäferbekämpfung mit chemischen mitteln in Kärnten. Pflanzenarzt 5(5):5. (Cont.) May 1,1952. 464.9 P482
Melolontha melolontha.

68693 RICHARDSON, C. H. Comparative toxicity of the vapors of several chlorinated methane and ethane derivatives to the rice weevil [Sitophilus oryza]. Iowa State Col. J. Sci. 26:357-369. Ref. Apr.1952. 470 Io9

68694 RUI, D. Doryphore of potato [Leptinotarsa decemlineata]. (In Italian.) Agr. Vicentina 83(9):3. May 1,1952. 16 Ag8257
Biology and control.

68695 SAINT-ALBIN, E. DE. Note sur les Anthicides [Col. Hétéromères]. Soc. Ent. de France. B. 57:20-23. 1952. 420 F84B
Includes new species.

68696 SARLET, H., and others. Teneurs des plasmas sanguins de deux coléoptères (Hydrophilus piceus, Leptinotarsa decemlineata) en une série d'acides amines, libres ou sous forme de combinaisons non protéiniques. Biochim. et Biophys. Acta 8:571-574. Ref. May 1952. 381 B522
G. Duchâteau, M. N. Camien, and M. Florkin, joint authors.
English summary.

68697 SCHINDLER, U. Versuche zur prüfung von bekämpfungsverfahren gegen den grossen braunen rüsselkäfer (Hylobius abietis L.). Allg. Forstz. 7:225-227. May 7,1952. 99.8 AL52

68698 SCHUMACHER, G., and HARONSKA, G. Erfahrungen aus dem ersten hubschraubereinsatz gegen den kartoffelkäfer [Leptinotarsa decemlineata] in der Bundesrepublik. Frankfurt am Main,Verlag Kommentator,1951. 39 p. 423 Sch82

68699 SCHWESTER, D. Le xylébore disparate [Xyleborus dispar] et les "Bostryches" des arbres fruitiers. Cong. Pomol. de Lorraine. Compt. Rend. 4:95-103. 1951. 93.09 C7692
Includes discussion.

68700 SHAPIRO, I. D. Increasing yields of peas by protecting them from injuries by legume root weevils [Sitona spp.]. (In Russian.) Sovet. Agron. 10(4):44-48. Apr.1952. 20 So84

68701 SMETANA, A. Eine neue art der gattung Gabrius Steph. aus der verwandschaft des Gabrius appendiculatus Shap. 2. Beitrag zur kenntnis der gattung Gabrius Steph. der palärkt. region. Ent. Tidskr. 73:89-92. 1952. 421 En891

68702 SMITH, G. A. Such insects as plant lice and scale make up the main course in the diet of our friend the ladybug [Coccinellidae]. Pa. Farmer 146:470-471. May 24,1952. 6 F383

68703 SNAPP, O. I. Plum curculio [Conotrachelus nenuphar] control on peach in 1951. J. Econ. Ent. 45:249-251. Apr.1952. 421 J822

68704 STRAND, A. The Norwegian species of Amischa Thoms. (Col. Staph.). Norsk Ent. Tidsskr. 8: 219-224. Ref. 1951. 421 N812

68705 STRAND, A. On the species of Grynobius Thoms. (Col. Anobiidae). Norsk Ent. Tidsskr. 8:224-227. 1951. 421 N812

68706 SVENSSON, G. Some beetles of Västergötland not listed in Catalogus Coleopterorum Daniae et Fennoscandiae. (In Swedish.) Ent. Tidskr. 73:66. 1952. 421 En891

68707 SYMES, H. Some notes on Prionus coriarius Linn. Ent. Rec. & J. Variation 64:153-155. May 1952. 421 En89

68708 TEMPÈRE, G. Deux espèces et deux variétés nouvelles de Curculionidae français. Soc. Ent. de France. B. 57:28-31. 1952. 420 F84B
In Pleurodirus and Ceutorhynchus.

68709 TOMASZEWSKI, W., and GRUNER, H. E. Die temperaturabhängigkeit der wirkung synthetischer insektizide (DDT, Hexa) auf den kornkäfer (Calandra granaria L.). Beitr. z. Ent. 1:105-109. Ref. Dec.1951. 421 B392

68710 TOWNES, H., and HOWDEN, H. On the type species of the genus "Geotrupes" Latreille, 1796 (Class Insecta, Order Coleoptera) and a discussion on the Fabrician (1798) usage of other names proposed by Latreille in 1796: comment on the application submitted by Dr. Robert W. L. Potts. B. Zool. Nomencl. 6:207-209. May 22,1952. 410 B874

68711 TURIAN, G. Études sur la pigmentation chez une casside de l'Inula. II. (Cassida murraea L., Col. Chrysomèl.). Schweiz. Ent. Gesell. Mitt. 25:47-48. Feb.29,1952. 420 Sw6

68712 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Controlling the Japanese beetle [Popillia japonica]. U. S. D. A. Farmers' B. 2004,slightly rev., 14 p. Apr.1952. 1 Ag84F
Supersedes Farmers' Bulletin 1856.

68713 VIETINGHOFF-RIESCH, FREIHERR VON., and VITE, J. P. Zur frage der buchenprachtkäferschaden in nordwestdeutschland. Holz-Zentbl. 78:845-847. Ref. May 10,1952. 99.81 H742
Agrilus viridis.

68714 VOLLMANN, M. Der speckkäfer [Dermestes lardarius]. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:734-735. May 8,1952. 18 L2346

68715 VOSS, E. Uber einige Cossoninen-gattungen des indo-australischen faunengebietes (Coleoptera: Curculionidae). 109. beitrag zur kenntnis der Curculioniden. Beitr. z. Ent. 1:77-92. Oct.1951. 421 B392
Includes new genera Conarthrosoma, Lixomimus and Atopoxydema; also new spp. in Hyponotus, Conarthrus, Oxydema and Pentoxydema.

68716 WEISER, J., and ROSICKÝ, B. Nosematosis of Otiorrhynchus ligustici. I-II. Československ. Zool. Společnost. Vest. 15:209-234. Ref. 1951. 410.9 C33

68717 WOOLFOLK, E. J. Goatweed beetle [Chrysolina gemellata] doing well. Mont. Farmer-Stockman 39 (17):18. May 1,1952. 6 M764

DIPTERA

68718 ADAMS, P. G., CASTILLO C., C. H., and SALMERÓN A., R. A. Control del torsalo [Dermatobia hominis] en Nicaragua. Asoc. Gen. de Agr. B. 316:5,8. Apr.15,1952. 8 As52
On cattle.

68719 ALEXANDER, C. P. New or little-known Tipulidae (Diptera). XCII. Oriental-Australasian species. Ann. & Mag. Nat. Hist. (ser.12)5:435-454. May 1952. 410 An77
Includes new spp. in Longurio, Limonia, Austrolimnophila, Limnophila, Metalimnophila, Gynoplistia, Amphineurus, Tasiocera and Molophilus.

68720 ALEXANDER, C. P. Support for the proposed suppression of the names "Titania," "Dorilas," "Tendipes," "Philia," and "Tylos," all of Meigen, 1800 (Class Insecta, Order Diptera). B. Zool. Nomencl. 6:172, 179. May 22,1952. 410 B874
Additional comments by E. L. Coher and F. R. Shaw.

68721 BARNARD, C. C. Yaws and flies. I. J. Trop. Med. & Hyg. 55:100-114. May 1952. 448.8 J827

68722 BATRA, H. N., and RENJHEN, P. L. The mango-fruit fly [Dacus ferrugineus] and its control. Indian Farming 2:20-21. Apr.1952. 22 In283

68723 BOHART, G. E., and GRESSITT, J. L. Filth-inhabiting flies of Guam. Bernice P. Bishop Mus. B. 204, 152 p. Ref. 1951. 500 B45B

68724 BOSCH, R. VAN DEN. Oriental fruitfly [Dacus dorsalis] parasites in Hawaii. Citrus Leaves 32(6):12. June 1952. 80 C482

68725 CARTER, W. Recent developments in oriental fruit fly [Dacus dorsalis] research. J. Econ. Ent. 45:274-279. Apr.1952. 421 J822

68726 CHATTERJEE, A. K., and MITRA, R. D. A note on development of resistence to the insecticide DDT in the house-flies Musca nebulo F. Sci. & Cult. 17:437-438. Apr.1952. 475 Sci24

68727 CLANCY, C. W. The action of certain genes concerned with the development of eye color in Drosophila melanogaster. (Abs.) Oreg. Acad. Sci. Proc. 2:22-23. 1948-51. 500 Or3

68728 CODA, T. Among the enemies of plants, the Mediterranean fruit fly (Ceratitis capitata Wield). (In Italian.) Mondo Agr. 3(14):3. Apr.6,1952. 16 M74
Italy.

68729 COX, J. A. The cherry fruit fly [Rhagoletis cingulata] in Erie County. Pa. Agr. Expt. Sta. B. 548, 17 p. Ref. Apr.1952. 100 P381

68730 DAS, B. M. Warble—cause of great economic loss. Tanner 6(11):13-14. Apr.1952. 303.8 T15
Hypoderma damage to hides and skins in India.

68731 DELONG, D. M., BOUSH, G. M., and LEA, A. O. The comparative residual toxicity of fog applications of certain organic insecticides to house flies. J. Econ. Ent. 45:323-325. Apr.1952. 421 J822

68732 DELPLACE, E., and DESBOIS, A. Nouveau procédé de lutte chimique contre la mouche de l'asperge ou mouche d'Argenteuil (Platyparea poeciloptera Schr.). Rev. Hort. 124:658-659. Feb.1952. 80 R32

68733 EDGAR, S. A. Keep after the flies. Poultry Tribune 58(6):7,22-23. June 1952. 47.8 P8642
On poultry farms.

68734 EICHLER, W., and WASSERBURGER, H. J. Kontaktinsektizidnachweis bei haustiervergiftungsfällen durch den Drosophila-test. Monatsh. f. Vetmed. 7:153-155. Apr.15,1952. 41.8 M742

68735 ENGEL. Der kampf gegen die kirschfruchtfliege! Bauern-Ztg. 5(21):8. May 23,1952. 18 B324
Rhagoletis cerasi.

68736 FAY, R. W., STENBURG, R. L., and ERNST, A. H. A device for recording insecticidal knockdown of house flies and evaluating residual deposits. J. Econ. Ent. 45:288-292. Apr.1952. 421 J822

68737 FRICK, K. E. Determining emergence of the cherry fruit fly [Rhagoletis cingulata] with ammonium carbonate bait traps. J. Econ. Ent. 45:262-263. Apr. 1952. 421 J822

68738 GERSH, E. S. Pigmentation in a mottled white eye due to position effect in Drosophila melanogaster. Genetics 37:322-338. Ref. May 1952. 442.8 G28

68739 GILBERT, R. O. Fly control on dairies. Calif. Dairyman 32(9):9,13. May 31,1952. 44.8 C12

68740 GOLDSCHMIDT, R. B. A further study of homoeosis in Drosophila melanogaster. J. Expt. Zool. 119: 405-460. Apr.1952. 410 J825

68741 GREEN, M. M. Phenogenetic studies in Drosophila melanogaster. Minn. U. Sum. Ph. D. Theses 5:69-70. 1951. 241.8 M66

68742 HARCOURT, D. G., and others. Test of various insecticides against the cabbage maggot [Hylemya brassicae] attacking radish, 1948-1950. Sci. Agr. 32: 214-218. Apr.1952. 7 Sci2
W. G. Matthewman, L. M. Cass, and W. G. Friend, joint authors.

68743 HENNIG, W. Neue Acalyptraten aus Europa und Südafrika (Diptera: Piophilidae, Helomyzidae, Lauxaniidae). Beitr. z. Ent. 1:70-76. Oct.1951. 421 B392
In Piophila and Minettia.

68744 HEYMANN, H. Chromatography of the eye pigment of Drosophila melanogaster. (Abs.) Oreg. Acad. Sci. Proc. 2:37. 1948-51. 500 Or3

68745 HOFFMAN, R. A., and LINDQUIST, A. W. Absorption and metabolism of DDT, toxaphene, and chlordane by resistant house flies as determined by bioassay. J. Econ. Ent. 45:233-235. Apr.1952. 421 J822

68746 HORTON, I. H. Heteropycnosis in somatic chromosomes of Drosophila melanogaster. (Abs.) Oreg. Acad. Sci. Proc. 2:49. 1948-51. 500 Or3

68747 HORTON, I. H. Some chromosomal rearrangements in the Drosophila melanogaster and Drosophila simulans hybrid. (Abs.) Oreg. Acad. Sci. Proc. 2:3. 1943-51. 500 Or3

68748 HUTTEL, W., and HUTTEL, N. Un Cératopogonide nouveau de la région de Montpellier. Soc. Ent. de France. B. 57:31-32. 1952. 420 F84B
In Monohelea.

68749 KAISER, W. Ein weg zur bekämpfung der zwiebelfliege [Hylemya antiqua]. Gesunde Pflanzen 4:49-52. Mar.1952. 464.8 G33

68750 KATO, S. Notes on the distribution of onion maggot (Hylemyia antiqua Meigen) in Japan and the principal characteristics of differenting from other allied species. (In Japanese.) Jap. J. Plant Protect. 22:28-35. Apr.1951. 421 J27

68751 KIMURA, M. Statistical theory on the pre- and post-reduction of chromosomes. (In Japanese.) Jap. J. Genet. 26:175-184. Dec.1951. 442.9 J27
English summary.
Chiefly Drosophila.

68752 KLINKOWSKI, M. Die bekämpfung der kohlfliege [Hylemya brassicae] mit hexa-mitteln. Deut. Landwirt. 3:254-258. May 1952. 18 D4822

68753 LENGERSDORF, F., and MANNHEIMS, B. J. Das kleine fliegenbuch. Von heimischen fliegen und mücken. München,Reitter,1951. 83 p. 428 L54

68754 LEPPERT, D. Has the fly got us licked? The super flies scorn insecticides to multiply and attack again—but you can help beat them. Pop. Sci. Mon. 160 (6):113-116,232. June 1952. 470 P81

68755 LINDNER, E. Stratiomyiiden von Sumba und Timor [Dipt.]. Natforsch. Gesell. Basel. Verhandl. 62: 218-223. 1951. 508 B29
Includes new species in Timorimyia, Eulalia, Ptilocera, and Hermione.

68756 MCCANN, F. V., and BOETTIGER, E. G. Relation between oxygen consumption and wing load in flies. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:102. Mar.1952. 442.9 F31P

68757 MCDONOUGH, E. S., ROWAN, M., and MOHN, N. Structure and straining reactions of salivary gland chromosomes of Drosophila treated with crystalline desoxyribonuclease. J. Hered. 43:3-7. Ref. Jan./Feb.1952. 442.8 Am3

68758 MCFARLAND, G. C. Fly classification and identification. Calif. Dairyman 32(9):17. May 31,1952. 44.8 C12

68759 MAERCKS, H. Im grünland schädliche wiesenschnaken-[Tipula] -larven und ihre bekämpfung. Grünland 1:40. In Tierzüchter 4(9). May 5,1952. 49 T445

68760 MALLIS, A., MILLER, A. C., and SHARPLESS, R. V. Effectiveness against house flies of six pyrethrum synergists alone and in combination with piperonyl butoxide. J. Econ. Ent. 45:341-343. Apr.1952. 421 J822

68761 NOLL, W. Es regnete zuckmückeneier. Aschaffenburg. Natwiss. Mus. Nachr. 34:71-73. Feb.1952. 409.6 As2

68762 NOVITSKI, E. The genetic consequences of anaphase bridge formation in Drosophila. Genetics 37: 270-287. Ref. May 1952. 442.8 G28

68763 PASCALE, H. Sanitary aspects of the problem of American tegumentary leishmaniasis. (In Portuguese.) Arq. de Hig. e Saúde Púb. 16:111-127. Sept.1951. 449.8 Ar6
English summary.
Includes Flebotominae as vectors.

68764 PRITCHARD, A. E. The North American gall midges of the tribe Micromyini Diptera, Itonididae (Cecidomyiidae). Minn. U. Sum. Ph. D. Theses 5:53-58. 1951. 241.8 M66

68765 REINHARD, H. J. New North American muscoid Diptera. Canad. Ent. 84:140-147. May 1952. 421 C16
In Archimimus n. g., and Sarcophaga.

68766 RICHARDS, O. W. Sphaeroceridae (Diptera) from Hawaii. Hawaii. Ent. Soc. Proc. 14:429-431. 1951, pub.Mar.1952. 420 H322

68767 RISBEC, J. Les diptères nuisibles au riz de Camargue au début de son développement. Rev. de Path. Vég. et d'Ent. Agr. de France 30:211-227. Oct./Dec. 1951. 464.9 So1

68768 ROBERTSON, F. W. Chromosome analysis of selected strains of Drosophila. (Abs.) Heredity 6:134. Apr.1952. 443.8 H42

68769 ROGOFF, W. M., and MOXON, A. L. Cable type back rubbers for horn fly [Siphona irritans] control on cattle. J. Econ. Ent. 45:329-334. Apr.1952. 421 J822

68770 ROGOFF, W. M. Cable-type backrubbers for horn fly [Siphona irritans] control on cattle. S. Dak. Agr. Expt. Sta. B. 418,12 p. Apr.1952. 100 So82

68771 SAALTINK, G. J., and TICHELER, J. Living habits in the control of crane fly larvae (Tipula sp.) (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:86-92. Mar.1952. 12 N383M

68772 SACANTANIS, K. L'élevage permanent de Ceratitis capitata Wied. sur banane. Soc. de Biol. Compt. Rend. 145:1802-1805. Dec.1951. 442.9 P21

68773 SCHINZ, H. R., FRITZ-NIGGLI, H., and FREY, E. Wirkung ultraharter strahlung (31-Me V-Betatron) auf die eier von Drosophila melanogaster. Experientia 8: 16-18. Jan.15,1952. 475 Ex7
English summary.

68774 SCHREAD, J. C. Chrysanthemum gall midge [Diarthronomyia hypogaea]. Conn. (State) Agr. Expt. Sta. B. 554,6 p. Mar.1952. 100 C76St

68775 SEARLS, E. M. Answering questions about fly control. Sealtest Dairyman 6(2):11. Summer 1952. 44.8 Se1
In dairy barns.

68776 SHAW, F. R. The external anatomy of Palaeoplatyura Johnsoni Joh. (Diptera-Mycetophilidae). Amer. Ent. Soc. Trans. 78:21-31. Ref. Mar.1952. 420 P53

68777 SHAW, F. R. New Schiaridae from the Hawaiian Islands (Diptera). Hawaii. Ent. Soc. Proc. 14:491-496. 1951.pub.mar.1952. 420 H312
In Sciara.

68778 SMITH, K. G. V. On some Diptera from Dublin and Wicklow with notes on several species new to Ireland. Ent. Mon. Mag. 88:104-106. May 1952. 421 En86

68779 SPENCER, H. Foreign mango insects. In Florida Mango Forum. Mango studies, p.60-63. Ref. Stuart,1951. 93.45 F66
The oriental fruit fly (Dacus dorsalis Hendel) and the citrus black fly (Aleurocanthus woglumi Ashby).

68780 SPIESS, R. The control of filter flies by chemical treatment; the record of a fifteen year battle between man and Psychoda. Water & Sewage Works 99: 250-253. June 1952. 290.8 M92

68781 STEINER, L. F. Methyl eugenol as an attractant for oriental fruit fly [Dacus dorsalis]. J. Econ. Ent. 45:241-248. Apr.1952. 421 J822

68782 TURK, K. L. Control flies on your farm. Dairymen's League News 36(12):6-7. June 10,1952. 44.8 D1432

68783 VIEIRA, R. Packing of fruit as preventive in the control of "fruit fly" [Ceratitis capitata]. (In Portuguese.) Frutas da Madeira 12:216-217. Apr.1952. 286.83 F9422

68784 VOGEL, W. Zur kirschenfliegenbekämpfung im jahre 1952. Schweiz. Z. f. Obst- u. Weinbau 61:201-203. May 31,1952. 80 Sch9
Rhagoletis cerasi.

68785 WADDINGTON, C. H. Selection of the genetic basis of an acquired character. (Abs.) Heredity 6:134-135. Apr.1952. 443.8 H42
Study of flies of a wild type strain collected in Edinburgh.

68786 WEINER, R. Super-fly. Farm Q. 7(2):62-63, 97-99. Summer 1952. 6 F22995
Insecticide resistance.

68787 WIRTH, W. W. The Heleidae of California. Calif. U. P. Ent. 9:95-226. Ref. 1952. 500 C125E
Includes Stilobezziini, new tribe, and new spp. in Leptoconops, Atrichopogon, Forcipomyia, Dasyhelea, Culicoides, Helea, Alluaudomyia, Stilobezzia, Serromyia, Neurohelea, Clinohelea, Johannsenomyia, Sphaeromias, Palpomyia and Bezzia.

68788 WIRTH, W. W. Two new species of anthropophilic Culicoides from Guatemala (Diptera:Heleidae). J. Parasitol. 38:245-247. June 1952. 448.8 J824

Culicidae

68789 BRELAND, O. P. Keys to the larvae of Texas mosquitoes with notes on recent synonomy. I. Key to genera and to the species of the genus Aedes. Tex. J. Sci. 4:65-72. Ref. Mar.30,1952. 470 T31

68790 CARPENTER, S. J. Further observations on sexual dimorphism in mosquito pupae (Diptera, Culicidae) Mosquito News 12:7-8. Mar.1952. 421 M85

68791 CARPENTER, S. J. Mansonia indubitans Dyar and Shannon in Panama. Mosquito News 12:27-28. Mar. 1952. 421 M85

68792 CARPENTER, S. J., and KEENAN, C. M. Prehatching treatments with DDT larvicides for the control of Aedes taeniorhynchus (Wied.) in the Canal Zone. Mosquito News 12:15-16. Mar.1952. 421 M85

68793 EYLES, D. E. Studies on Plasmodium gallinaceum. III. Factors associated with the malaria infection in the vertebrate host which influence the degree of infection in the mosquito [Aedes aegypti]. Amer. J. Hyg. 55: 386-391. May 1952. 449.8 Am3

68794 GIGLIOLI, G. The control of malaria in British Guiana. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:186-192. 65.9 B775
Control of Anopheles darlingi.
Includes discussion.

68795 GJULLIN, C. M., and PETERS, R. F. Recent studies of mosquito resistance to insecticides in California. Mosquito News 12:1-7. Mar.1952. 421 M85

68796 MANSON-BAHR, SIR P., and MUGGLETON, W. J. Further research on filariasis in Fiji. Roy. Soc. Trop. Med. & Hyg. Trans. 46:301-326. Ref. May 1952. 448.9 R813
With Addendum by J. J. C. Buckley.
Includes Aedes as vector.

68797 PROVOST, M. W. Ground space spraying of Mansonia and other mosquitoes in Leesburg, Florida. Mosquito News 12:16-27. Mar.1952. 421 M85
With DDT.

68798 ROTH, L. M., and WILLIS, E. R. Method for isolating males and females in laboratory colonies of Aëdes aegypti. J. Econ. Ent. 45:344-345. Apr.1952. 421 J822

68799 ROZEBOOM, L. E. The significance of Anopheles species complexes in problems of disease transmission and control. J. Econ. Ent. 45:222-226. Ref. Apr.1952. 421 J822

68800 STAGE, H. H., and SOLLERS, H. References to literature of interest to mosquito control workers and malariologists. Mosquito News 12:35-41. Mar.1952. 421 M85

68801 TOLEDO AREA SANITARY DISTRICT. Fifth annual report, 1951. Toledo,1951. 33 p. 449.9 T572
Includes mosquito control.

68802 WEIDHAAS, J. A., JR. A first record of Aedes diantaeus H. D. & K. for Massachusetts with notes on associated species. Mosquito News 12:8-9. Mar.1952. 421 M85

HEMIPTERA (HETEROPTERA AND HOMOPTERA)

68803 BLACK, L. M., and BRAKKE, M. K. Multiplication of wound-tumor virus in an insect vector [Agallia constricta]. Phytopathology 42:269-273. May 1952. 464.8 P56

68804 BORATYNSKI, K. L. Observations on Matsucoccus pini (Green) and a species of Matsucoccus Ckll. from Russia (Homoptera, Coccoidea, Margarodidae). Ann. & Mag. Nat. Hist. (ser.12)5:507-508. May 1952. 410 An77

68805 BORDEN, A. D., MADSEN, H. F., and RETAN, A. H. A stink bug, Euschistus conspersus, destructive to deciduous fruits in California. J. Econ. Ent. 45:254-257. Apr.1952. 421 J822

68806 BROOK, T. S., and DAHM, P. A. The toxicity of aldrin, dieldrin, and DDT to the large milkweed bug [Oncopeltus fasciatus]. J. Econ. Ent. 45:349-350. Apr. 1952. 421 J822

68807 CARVALHO, J. C. M. Neotropical Miridae. XXXIX. On two new species of Brazil (Hemiptera). (In Portuguese.) Finska Vetensk. Soc. Comm. Biol. 12(7),6 p. 1951. 511 H36C
English summary.
In Pychnoderes and Platyscytus.

68808 CARVALHO, J. C. M. New genera and species of Isometopidae in the collection of the British Museum of Natural History (Hemiptera). Acad. Bras. de Cien. An. 23:381-391. 1951. 516 R473A
New species in Paramyiomma n. g., Lindbergiola n. g., Biliola n. g., Bilianella n. g., and Alcerocoris [i.e. Alcecoris].

68809 CHOLLET, C. C., and BREAKEY, E. P. Control of aphids and mites on hops by organic phosphate insecticides. J. Econ. Ent. 45:349. Apr.1952. 421 J822

68810 CODA, T. Control of Aspidiotus perniciosus is a problem of professional conscience and drastic application of existing laws. (In Italian.) Mondo Agr. 3 (13):4. Mar.30,1952. 16 M74
Italy.

68811 CORREA, R. R., and SCHIAVI, A. Notes on Panstrongylus megistus in São Paulo State, its presence on the seacoast. (Hemiptera, Reduviidae). (In Portuguese.) Arq. de Hig. e Saúde Púb. 16:139-142. Sept.1951. 449.8 Ar6
English summary.
A secondary vector of Chagas disease.

68812 DOUTT, R. L. Biological control of Planococcus citri on commercial greenhouse Stephanotis. J. Econ. Ent. 45:343-344. Apr.1952. 421 J822
By Leptomastix dactylopii and Cryptolaemus montrouzieri.

68813 DRAKE, C. J. Concerning American Ochteridae (Hemiptera). Fla. Ent. 35:72-75. June 1952. 420 F662
Includes new sp. in Ochterus.

68814 EVANS, J. W. Some notes on the classification of leafhoppers (Jassoidea, Homoptera) with special reference to the Nearctic fauna. Finska Vetensk. Soc. Comm. Biol. 12(3),11 p. Ref. 1951. 511 H36C

68815 FRICK, K. E. The value of some organic phosphate insecticides in control of grape mealybug [Pseudococcus maritimus]. J. Econ. Ent. 45:340-341. Apr.1952. 421 J822

68816 GUSTON, D. They all fight aphis; an account of some of the gardener's allies in his fight against these pests. Allot. & Home Gard. 103:4,7. May 1952. 80 N217

68817 HAGEDORN, R. Auch Verden pfirsichanbauverbotsgebiet. Hannoversche Land- u. Forstwirt. Ztg. 105:54. Jan.19,1952. 18 H194
Restrictions for control of Myzus persicae and potato virus diseases.

68818 HILLE RIS LAMBERS, D. Ossiannilssonia oelandica nov. gen., nov. spec. Ent. Tidskr. 73:41-42. 1952. 421 En891

68819 HOBERLANDT, L. Madagascan species of Rhagovelia Mayr. Finska Vetensk. Soc. Comm. Biol. 12 (5),12 p. 1951. 511 H36C
Includes new spp.

68820 HUSSEY, R. F. A neglected paper by A. L. Montandon on cryptocerate Hemiptera. Fla. Ent. 35:69-71. June 1952. 420 F662

68821 JENSEN, D. D., FRAZIER, N. W., and THOMAS, H. E. Insect transmission of yellow leaf roll virus of peach. J. Econ. Ent. 45:335-337. Apr.1952. 421 J822
Colladonus geminatus as vector.

68822 JUDD, W. W. Nabis ferus L. (Hemiptera: Nabidae) biting a human. Ent. News [Philadelphia] 63: 130. May 1952. 421 En88

68823 KRAUSE, G. Versuche über die aktive ausbreitung der San-José-schildlaus (Quadraspidiotus [i. e. Aspidiotus] perniciosus [Comst.]). Z. f. Pflanzenbau u. Pflanzenschutz 2:271-283. 1951. 464.8 P88

68824 LALLEMAND, V. Mission A. Villiers au Togo et au Dahomey (1950). IX. Hémiptères, Homoptères. Inst. Franç. d'Afrique Noire. B. 14:164-169. Jan.1952. 515 D14
Includes new species in Dictyophora.

68825 LALLEMAND, V. Observations concernant Phymatostetha perspicillaris White et ses sous-espèces. Description de nouvelles espèces du même genre. Finska Vetensk. Soc. Comm. Biol. 12(12),5 p. 1951. 511 H36C

68826 LA RIVERS, I. A revision of the genus Ambrysus in the United States (Hemiptera: Naucoridae). Calif. U. P. Ent. 8:277-338. Ref. 1951. 500 C125E
Includes new species.

68827 LAVABRE. Sur une plante pouvant héberger la punaise du caféier, Antestia lineaticollis S/sp. intricata Ghesq. et Carayon. Agron. Trop. [Nogent-sur-Marne] 7:150-151. Mar./Apr.1952. 26 Ag86

68828 LESTON, D. Antennal oligomery in Heteroptera. Nature [London] 169:890. May 24,1952. 472 N21

68829 LESTON, D. Holcostethus vernalis (Wolff) (Hem., Pentatomidae); a previously unreported British record. Ent. Mon. Mag. 88:102. May 1952. 421 En86

68830 LESTON, D. Notes on the Ethiopian Pentatomoidea (Hemiptera). V. On the specimens collected by Mr. A. L. Capener, mainly in Natal. Ann. & Mag. Nat. Hist. (ser.12)5:512-520. Ref. May 1952. 410 An77
Includes new spp. in Halyomorpha and Gynenica; also Brachyplatidae n. n.

68831 LINDBERG, H. Canariocoris, eine neue kanarische Miriden-gattung. Finska Vetensk. Soc. Comm. Biol. 12(9),12 p. 1951. 511 H36C

68832 LINDBERG, H. Verzeichnis der typen in O. M. Reuters paläarktischer Heteropterensammlung. Finska Vetensk. Soc. Comm. Biol. 12(14),34 p. 1951. 511 H36C

68833 MCDONALD, H. The greenbug [Toxoptera graminum] in Saskatchewan. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11,p.26-28. Saskatoon,1951. 31.2 Sa72

68834 MADSEN, H. F. Clean culture and chemicals show promise in controlling stink bug [Euschistus conspersus] on pear. West. Fruit Grower 6(6):27-28. June 1952. 95.8 G762

68835 MAHADEVAN, V. Acanthaspis siva Dist—a predator of the Indian honey bee. Indian Bee J. 13:143, 147. Nov./Dec.1951. 424.8 In2

68836 METCALF, Z. P. Phylogeny of the Homoptera Auchenorhyncha. Finska Vetensk. Soc. Comm. Biol. 12 (1),14 p. 1951. 511 H36C

68837 MICHELBACHER, A. E., BACON, O. G., and WADE, W. Aphid control effective, newer aphicides give good results applied alone or combined with codling moth spray. Diamond Walnut News 34(3):4-5. May 1952. 94.68 D34

68838 MILLER, N. C. E. The group tarsatus of the genus Reduvius (Hemiptera-Reduviidae). Finska Vetensk. Soc. Comm. Biol. 12(10),39 p. 1951. 511 H36C
Includes new spp.

68839 NEW SOUTH WALES. DEPT. OF AGRICULTURE. ENTOMOLOGICAL BR. Mealy-bugs (Pseudococcinae). Agr. Gaz. N. S. Wales 63:145-147. Mar.1952. 23 N472

68840 NOWAK, W. Untersuchungen über den massenwechsel der grünen pfirsichblattlaus (Myzodes [i. e. Myzus] persicae Sulzer) unter berücksichtigung mikroklimatischer faktoren. Z. f. Pflanzenbau u. Pflanzenschutz 3:1-36. Ref. 1952. 464.8 P88

68841 OSSIANNILSSON, F. On the psyllid of the marsh marigold, Aphalara calthae (Linn.). Finska Vetensk. Soc. Comm. Biol. 12(13),8 p. 1951. 511 H36C

68842 PETITJEAN, R. Aperçu sur le développement de quelques cochenilles parasites des agrumes au Maroc. Terre Marocaine 26:130-131. Apr.1952. 24 T44
Lepidosaphes beckii, L. gloverii, Chrysomphalus dictyospermi, and Parlatoria ziziphi.

68843 POISSON, R. A. Contribution à l'étude des Helotrephidae, Microvelia Westwood (Veliidae), Hebrus Curtis (Hebridae) de la faune éthiopienne (Hémiptères-Hétéroptères). Finska Vetensk. Soc. Comm. Biol. 12(4), 22 p. Ref. 1951. 511 H36C
Includes new spp. in Microvelia, Hebrus, Esakiella and Paralimnotrephes n.g.

68844 REICH, H. Blutlausbekämpfung im winter. Obstbauversring. Mitt. 7:25-26. Feb.1952. 85 J76
Schizoneura lanigera on apples, controlled by a wasp.

68845 REKACH, V. N. Scientific-industrial conference on the control of phylloxera. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):54-55. Aug.1951. 95.8 V77

68846 ROY, R. S., and RAM, K. B. Control of mango hoppers in Bihar. Indian J. Hort. 9:33-40. Ref. Mar. 1952. 80 In2
Idiocerus species.

68847 RYCKMAN, R. E. Laboratory culture of Triatominae with observations on behavior and a new feeding device. J. Parasitol. 38:210-214. June 1952. 448.8 J824

68848 SHAPOSHNIKOV, G. KH. Systematic relations between genera of aphids in the sub-tribe Anuraphidea. (In Russian.) Ent. Obozr. 31:213-228. Ref. 1950. 421 R322
Includes new genera: Zinia, Nearctaphis, Sorbaphis, Nevskyaphis, Mordvilkomemor, Debilisiphon.

68849 SILVA, T. L. DA, and others. Contribution to the distribution chart of the Triatomidae [i.e. Reduviidae] of the State of São Paulo. II. (In Portuguese.) Arq. de Hig. e Saúde Púb. 16:109-110. Sept.1951. 449.8 Ar6
A. Schiavi, J. A. B. da Fonseca, T. Haron, A. P. de Oliveira, C. S. P. Passalacqua, and A. R. de Lima, joint authors.
English summary.
Triatoma infestans, T. sordida, Panstrongylus megistus and Rhodnius species.

68850 SMIRNOFF, W. A. Aperçu sur le développement de quelques cochenilles parasites des agrumes du Maroc. Fruits et Primeurs de l'Afrique du Nord 22:148-153. (Concl.) Apr.1952. 80 F9482

68851 SPENCER, H., OSBURN, M. R., and NORMAN, P. A. Control of the purple scale [Lepidosaphes beckii] on citrus with parathion. U. S. D. A. C. 896,10 p. Jan. 1952. 1 Ag84C

68852 STROYAN, H. L. G. The identification of aphids of economic importance. Plant Pathol. 1:9-14. (Cont.) Mar.1952. 464.8 P692

68853 SUMMERS, F. M., and BAKER, G. A. A procedure for determining relative densities of brown almond mite [Bryobia praetiosa] populations on almond trees. Hilgardia 21:369-382. Apr.1952. 100 C12H

68854 SWIRSKI, E. The life cycle of Brachycaudus amygdalinus Schout. (Aphididae, Homop.) in Israel. Israel. Res. Council. B. 1(4):100-102. Feb.1952. 330.9 Is72B

68855 SYLVESTER, E. S. Comparative transmission of beet-mosaic virus by four aphid species. Phytopathology 42:252-254. May 1952. 464.8 P56
Myzus spp., and Aphis apii.

68856 TURIAN, G. Epizootie à entomophthorée chez les Cicadelles de la région de Genève. Schweiz. Ent. Gesell. Mitt. 25:44-46. Feb.29,1952. 420 Sw6

68857 UNDERHILL, G. W. Control of scale insects. Va. Fruit 40(3):38,40,42. Mar.1952. 81 V81B

68858 UNTERSTENHÖFER, G. Fortschritte in der blattlaus- und spinnmilben-bekämpfung in baumschulen. Deut. Baumsch. 4:79-80. (Cont.) Mar.1,1952. 80 D486

68859 UNTERSTENHÖFER, G. Fortschritte in der blattlaus- und spinnmilben-bekämpfung in baumschulen. Deut. Baumsch. 4:106-107. (Concl.) Apr.1,1952. 80 D486

68860 UNTI, O., and SILVA, T. L. DA. Center of Chagas disease in the Paraiba Valley of Sao Paulo State, note on prophylaxis and epidemiology. (In Portuguese.) Arq. de Hig. e Saúde Púb. 16:131-138. Sept.1951. 449.8 Ar6
English summary.
Triatoma infestans as vector.

68861 USINGER, R. L. A revised classification of Pacific Island Cyrtorhinus with a new species from Fiji (Hemiptera, Miridae). Finska Vetensk. Soc. Comm. Biol. 12(8),5 p. 1951. 511 H36C

68862 VARGAS, L., and DIAZ NAJERA, A. Notas sobre sistematica y morfologia de Simulidos. Soc. Mex. de Hist. Nat. Rev. 12:123-207. Ref. Dec.1951. 516 So15
English summary.
Includes new subgenus in Simulium.

68863 VILLIERS, A. Mission A. Villiers au Togo et au Dahomey (1950). VIII. Hémiptères, Réduviides. Inst. Franç. d'Afrique Noire. B. 14:140-163. Jan.1952. 515 D14
Includes new species in Aphonocoris, Mastigonomus, Cleptria, Reduvius, Putoniola, Pygolampis, Tribelocephala, and Stenolaemus.

68864 VILLIERS, A. Les Reduviidae malgaches. VIII. Harpactorinae gen. Vadimon Stal, Endochus Stal et Nagusta Stal. Mus. Natl. d'Hist. Nat. B. (ser.2)23:513-518. Oct.1951. 410.9 P213
Includes new species.

68865 WAGNER, E. Halticus major nov. spec., eine neue Miriden-art (Hem. Het.). Aschaffenburg. Natwiss. Mus. Nachr. 33:69-75. Nov.1951. 409.6 As2

68866 WAGNER, E. Uber die variationen bei Eurygaster-arten (Hemipt. Het. Scutelleridae). Finska Vetensk. Soc. Comm. Biol. 12(11),43 p. Ref. 1951. 511 H36C

68867 WAGNER, E. Zur systematik der gattung Dicyphus (Hem. Het., Miridae). Finska Vetensk. Soc. Comm. Biol. 12(6),36 p. 1951. 511 H36C
Includes new spp.

68868 WAGNER, E. Zur systematik der gattung Taphropeltus Stal (Heteropf. Lygaeidae). Aschaffenburg. Natwiss. Mus. Nachr. 31:45-50. May 1951. 409.6 As2

68869 WAGNER, W. Beitrag zur phylogenie und systematik der Cicadellidae (Jassidae) Nord- und Mitteleuropas. Finska Vetensk. Soc. Comm. Biol. 12(2),44 p. Ref. 1951. 511 H36C
Includes Tetartostylus n.g.

68870 WAGNER, W. Euscelis singeri n. sp. Aschaffenburg. Natwiss. Mus. Nachr. 33:55-60. Nov.1951. 409.6 As2

68871 WAGNER, W. Verzeichnis der bisher in Unterfranken gefundenen Zikaden (Homoptera Auchenorrhyncha). Aschaffenburg. Natwiss. Mus. Nachr. 33:1-54. Nov.1951. 409.6 As2

68872 WEAVER, C. R. Fall applications of insecticides to control spittlebug [Philaenus leucophthalmus] nymphs. J. Econ. Ent. 45:238-241. Apr.1952. 421 J822

68873 WINKLER, A. J. Algunos antecedentes sobre la filoxera y su control en los viñedos de California. Mundo Agr. 4(36):37-41. May 1952. 9 M92

68874 WYGODZINSKY, P. Note on some Emesinae (Reduviidae, Hemiptera) from Israel. Israel. Res. Council. B. 1(4):102-104. 330.9 Is72B
New species in Ploiaria.

HYMENOPTERA

68875 BLANCK, A. Les fourmis nuisibles et les moyens de les combattre. Phytoma 5(35):9-16. (Cont.) Feb.1952. 464.8 P563

68876 CLARK, J. The Formicidae of Australia, v. I. Melbourne,1951. 230 p. 426 C542
Includes new species in Myrmecia and Promyrmecia.

68877 COMITE TER BESTUDERING EN BESTRIJDING VAN ZIEKTEN IN IEPEN EN ANDERE BOOMSOORTEN. The pine sawfly [Diprion pini L). (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:156. May 1952. 12 N282

68878 EDWARDS, R. L. The precedence of the generic name Mormoniella Ashmead over that of Nasonia Ashmead (Hym., Pteromalidae). Ent. Mon. Mag. 88:103. May 1952. 421 En86

68879 FAHRINGER, J. Zwei neue Braconinen aus der palaearktischen region (Hymenoptera: Braconidae). Beitr. z. Ent. 1:65-69. Oct.1951. 421 B392
In Doryctes and Bracon.

68880 FERRIÈRE, C. Un nouveau genre [Stenopteromymar] de Mymaride (Hym.). Schweiz. Ent. Gesell. Mitt. 25:41-43. Feb.29,1952. 420 Sw6

68881 FERRIÈRE, C. Parasites de Lyonetia clerckella en Valais (Hym. Chalcidoidae). Schweiz. Ent. Gesell. Mitt. 25:29-40. Feb.29,1952. 420 Sw6
Includes new spp. in Omphale and Achrysocharis.

68882 GONZALEZ MENDOZA, R. Resumen sobre experimentos de control quimico de hormigas arrieras. Rev. Nac. de Agr. 46(563):44-46. Mar.1952. 9.4 R32
Atta.

68883 HADLINGTON, P. The siricid woodwasps. Austral. Timber J. 17:890,892,895. Jan.1952. 99.81 Au7

68884 HALL, D. W., and SMITH, I. C. Studies in Pharaoh's ant, Monomorium pharaonis (L.). 7. Thoracic structures, typical and atypical. Ent. Mon. Mag. 88:97-102. May 1952. 421 En86

68885 HEDWIG-BEREL, K. Mitteleuropäische schlupfwespen und ihre wirte. Aschaffenburg. Natwiss. Mus. Nachr. 33:83-86. (Cont.) Nov.1951. 409.6 As2

68886 HEINRICH, G. Beiträge zur kenntnis der Ichneumoninae. (Nach beobachtungen in der Hahnheide, Holstein). Aschaffenburg. Natwiss. Mus. Nachr. 31:27-32. May 1951. 409.6 As2

68887 II, M. On chestnut gall wasp [Dryocosmos]. (In Japanese.) Jap. J. Plant Protect. 21:12-27. Mar. 1951. 421 J27

68888 JANSSON, A. Studies on Swedish Proctotrypidae [i.e. Serphidae]. 5. Lagynodes pallidus Boh., rautheri M. Wolff and rufenscens Ruthe. (In Swedish.) Ent. Tidskr. 73:72-76. 1952. 421 En891
German summary.

68889 JOHANSSON, A. S. Studies on the relation between Apanteles glomeratus L. (Hym., Braconidae) and Pieris brassicae L. (Lepid., Pieridae). Norsk Ent. Tidsskr. 8:145-186. Ref. 1951. 421 N812

68890 LAMBERT, R., and PECK, O. Support for Mr. R. B. Benson's proposals for the use of the plenary powers to validate the generic names "Acantholyda" Costa, 1894 (Class Insecta, Order Hymenoptera) and "Acanthocnema" Becker, 1894 (Class Insecta, Order Diptera). B. Zool. Nomencl. 6:170. May 22,1952. 410 B874

68891 LAUDANI, H., and VANDERFORD, H. T. Control of little black [Monomorium minimum] Pharaoh [M. pharaonis] and Argentine [Iridomyrmex humilis] ants. Pest Control 20(5):18,20,22. May 1952. 449.8 Ex8

68892 MCMULLEN, M. J. The sterilization of Baltic pine infested by siricid wood wasp. Austral. Timber J. 17:875-876,879,881-882,885,887-888,919. Jan.1952. 99.81 Au7
Tests with fumigants.

68893 MAKSIMOVIĆ, M. Apparition de Diprion pini L. à Maljen. (In Serbo-Croatian.) Sumarstvo 4:261-262. June/Aug.1951. 99.8 Su63

68894 MARTINEZ ANDREU, A. La bibijagua [Atta insularis] y el picudo negro [Cosmopolites sordidus] del plátano. Agrotecnia 6:11-18. Mar./Apr.1952. 8 Ag825

68895 MENKE, H. F. Alkali bee [Nomia melanderi] helps set seed records. Crops & Soils 4(8):16-17. June/July 1952. 6 W55
Alfalfa pollination.

68896 MUESEBECK, C. F. W. Support for Mr. W. D. Hincks' proposal relating to the name "Aphidius" Nees, 1818 (Class Insecta, Order Hymenoptera). B. Zool. Nomencl. 6:197. May 22,1952. 410 B874

68897 NIXON, G. E. J. The association of ants with aphids and coccids. London,Commonwealth Inst. of Ent., 1951. 35 p. Ref. 426 N65

68898 RAYMENT, T. Golden peas make golden puddings. Roy. Zool. Soc. N. S. Wales. Proc. 71:18-23. 1950/51,pub.1952. 410.9 N48P
Andrenopsis flavorufus.

68899 RIBAUT, H. Espèces françaises du genre Passalœcus [Hym. Sphegidae]. Soc. Ent. de France. B. 57:23-28. 1952. 420 F84B
Includes new species.

68900 RICHARDS, O. W. Some records of British Ichneumonidae Cyclopneusticae (Hym.). Ent. Mon. Mag. 88:102. May 1952. 421 En86
Includes new geographical records.

68901 SCHREAD, J. C. The birch leaf miner [Fenusa pusilla]. Conn. Agr. Expt. Sta. Spec. B. Ent. 41, 1 p. June 1951. 423.9 C762

68902 SCHREAD, J. C. Birch leaf miner [Fenusa pusilla] control. Conn. (State) Agr. Expt. Sta. C. 182,5 p. Apr.1952. 100 C76St

68903 SKOVGAARD, O. S. Working speed of bumblebees and honey bees in the pollination of red clover. (In Danish.) Tidsskr. f. Planteavl 55:449-475. 1952. 11 T439
English summary.

68904 TOWNSEND, J. F., and GARMAN, P. European apple sawfly [Hoplocampa testudinea]. Conn. Agr. Expt. Sta. Spec. B. Ent. 40,1 p. May 1951. 423.9 C762

68905 VERHOEFF, P. M. F. Notes on Astata Latreille (Hymenoptera Sphecoidea). Rmus. van Nat. Hist. Zool. Meded. 31:149-164. Ref. Dec.29,1951. 410.9 L59

68906 WALL, A. The diameter of the wheat stem in relation to the length and sex of emerging sawfly (Cephus cinctus Nort.). Sci. Agr. 32:272-277. May 1952. 7 Sci2

68907 WEIDNER, H. Zur kenntnis der gallbildenden Cynipidae. I. Aschaffenburg. Natwiss. Mus. Nachr. 34: 45-52. Feb.1952. 409.6 As2

68908 WOLF, H. Die parasitische lebensweise der grabwespengattung Nysson Latr. (Hym. Crabronidae). Aschaffenburg. Natwiss. Mus. Nachr. 33:77-80. Nov. 1951. 409.6 As2

68909 WRIGHT, P. H. The control of ants by DDT. Gleanings Bee Cult. 80:342. June 1952. 424.8 G47

68910 YOUL, J. W. Evidence presented to the Sirex Wasp Committee of Inquiry. Austral. Timber J. 17:899, 901,846,848,850,853-854. Jan.1952. 99.81 Au7

See also Apiculture and Apis mellifera.

LEPIDOPTERA

68911 BOURSIN, C. Description d'une Hadena Schrk. nouvelle des Pyrénées orientales françaises (Lep. Phalaenidae = Agrotidae). Contributions à l'étude des Agrotidae-Trifinae.XLVIII. Schweiz. Ent. Gesell. Mitt. 24:401-410. Dec.15,1951. 420 Sw6

68912 BOX, H. E. Campaña contra el barreno de la caña de azúcar en la América Tropical. Hacienda 47 (5):43-44. June 1952. 6 H11
Diatraea spp.

68913 BROWN, F. M. Oeneis oslari Skinner, rediscovered (Lepid.: Nymphalidae). Ent. News [Philadelphia] 63:119-123. May 1952. 421 En88

68914 BRYK, F. Specimina typorum insectorum a Carolo Linnaeo descriptorum in Museo Degeeriano asservata. I. Lepidoptera. Ent. Tidskr. 73:43-52. 1952. 421 En891

68915 BUSCH, T. Das raupenkleid des hybriden harmuthi Kordesch, kreuzung von Ch. elpenor L. ♀ × Deil. euphorbiae L. ♂. Ent. Z. 62:16. Apr.15,1952. 421 En85
Chaerocampa elpenor and Deilephila euphorbiae.

68916 CAMARGO, G. E. DE. Control the plague of the pink bollworm [Pectinophora gossypiella]. (In Portuguese.) Rev. dos Mercados 3(19):62-64. Mar.1952. 286.8 R328

68917 CAPPS, H. W. A new genus [Potosa] and species [P. rufofascialis] associated with orchids from Mexico (Lepidoptera: Chrysaugidae). South. Calif. Acad. Sci. B. 51:1-3. Jan./Apr.1952. 500 So8

68918 CARUEL, M. Révision des formes et aberrations du Catalogue des Rhopalocères de France. Rev. Franç. de Lépidoptérologie 13:117-121. (Cont.) Sept./Oct.1951. 421 F192
Papilio machaon and Aporia crataegi.

68919 CASTLE RUSSELL, S. G. The New Forest in the 'Nineties and after. Ent. Rec. & J. Variation 64:138-144. May 1952. 421 En89
Lepidoptera collecting.

68920 CASTLE RUSSELL, S. G. The supposed 'third brood' of Lycaena phlaeas Linn. Ent. Rec. & J. Variation 64:148-149. May 1952. 421 En89

68921 CHARLES, J. Carpocapse ou ver de fruit des prunes. Rustica 25:512,521. June 1,1952. 14 R92

68922 CHIANG, H. C., and HODSON, A. C. Relation between egg mass abundance and fall populations of first-generation corn borer [Pyrausta nubilalis] and justification for insecticidal control in field corn. J. Econ. Ent. 45:320-323. Apr.1952. 421 J822

68923 CLARK, A. H. On the proposed use of the plenary powers to suppress the trivial name "ajax" Linnaeus, 1758 (as published in the combination "Papilio ajax") (Class Insecta, Order Lepidoptera). B. Zool. Nomencl. 6:167. May 22,1952. 410 B874

68924 CLARKE, J. F. G. A new carpenterworm [Prionoxystus baccharidis] from Florida (Lepidoptera: Cossidae). Wash. Acad. Sci. J. 42:156-158. May 1952. 500 W276J

68925 CLAWSON, J. R. The bug in the built-on bungalow. Nat. Hist. 61:279. June 1952. 500 N483J
Psychidae.

68926 COCKAYNE, E. A. Aberrations of British Macrolepidoptera. Ent. Rec. & J. Variation 64:129-131. May 1952. 421 En89

68927 COCKAYNE, E. A. Tathorhyncus exsiccata Lederer—a Noctuid new to the British list. Ent. Rec. & J. Variation 64:132-133. May 1952. 421 En89

68928 CONDAMIN, M. Mission A. Villiers au Togo et au Dahomey (1950). X. Lépidoptères, Rhopalocères. Inst. Franç. d'Afrique Noire. B. 14:170-183. Jan.1952. 515 D14

68929 CUTKOMP, L. K. Control of clothes moths and carpet beetles [Anthrenus scrophulariae]. Minn. U. Agr. Ext. Folder 89,rev.,8 p. May 1951. 275.29 M66Ex

68930 DAME. Über zwei lindenschädlinge. Gesunde Pflanzen 4:57-58. Mar.1952. 464.8 G33
Phalera bucephala and Eriocampoides annulipes.

68931 DARLINGTON, E. P. Notes on blueberry Lepidoptera in New Jersey. Amer. Ent. Soc. Trans. 78: 33-57. Mar.1952. 420 P53

68932 DE WORMS, C. G. M. Notes on British Lepidoptera collecting during 1951. Entomologist 85:112-117. (Cont.) May 1952. 421 En8

68933 DIAKONOFF, A. Records and descriptions of Microlepidoptera. 5. Rmus. van Nat. Hist. Zool. Meded. 31:165-178. Feb.11,1952. 410.9 L59
Includes Shoenotenidae n. fam.; also new spp. in Diactenis.

68934 DOWDESWELL, W. H., and FORD, E. B. The distribution of spot-numbers as an index of geographical variation in the butterfly Maniola jurtina L. (Lepidoptera: Satyridae). Heredity 6:99-109. Apr.1952. 443.8 H42

68935 FRANSEN, J. J. Aerial control of Coleophora laricella Hb. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:104-108. Apr.1952. 12 N282
English summary.

68936 FRIEDEMANN, H. Über die lebensweise von Mamestra tincta Brahm u. M. advena F. Ent. Z. 62:15-16. (Cont.) Apr.15,1952. 421 En85

68937 FROREICH, VON. Die hörner- oder drachenraupe (Citheronia regalis Fabr.). Ent. Z. 62:1-5. Apr.1, 1952. 421 En85

68938 GEIER, P., and SAVARY, A. Expériences récentes dans la lutte contre les vers de la grappe (Eudémis et Cochylis). Rev. Romande d'Agr. de Viticult. et d'Arboricult. 8:25-26. Apr.1952. 17 J82A
Polychrosis botrana and Clysia ambiguella.

68939 GILMAN, W. Tenting time. Nat. Mag. 45:304. June/July 1952. 409.6 N214
Malacosoma.

68940 GOUGH, H. C. The tortrix Cnephasia longana on fruit trees in Essex. Plant Pathol. 1:31-32. Mar. 1952. 464.8 P692

68941 GUPTA, N. Wax moth [Galleria mellonella] in Uttar Pradesh plains. Indian Bee J. 13:144. Nov./Dec. 1951. 424.8 In2

68942 HANSSON, A. The death's head hawk moth [Acherontia atropos]. (In Swedish.) Nord. Bitidskr. 4: 16-17. 1952. 424.8 N752
In beehives.

68943 HANSSON, B. H. Über eine neue, schwedische unterart von Aporophyla lutulenta (Bkh.) und ihre beziehungen zu den übrigen formen. Ent. Tidskr. 73:77-88. Ref. 1952. 421 En891

68944 HARZ, K. Deutsche forschungszentrale für schmetterlingswanderungen. Umschau 52:70. Feb.1, 1952. 474 Um7

68945 HAWKINS, C. N. Sterrha aversata L.: some further notes on the genetic relationship of the plain and banded forms. Ent. Rec. & J. Variation 64:133-134. May 1952. 421 En89

68946 HAWKINS, J., and DEVITT, J. J. Forecasting hatching levels of the European corn borer [Pyrausta nubilalis]. J. Econ. Ent. 45:203-209. Apr.1952. 421 J822

68947 HAYSLIP, N. C. Corn earworm [Heliothis armigera] control, formulations. Fla. Ent. 35:51-56. June 1952. 420 F662

68948 HENKE, K., and POHLEY, H. J. Differentielle zellteilungen und polyploidie bei der schuppenbildung der mehlmotte Ephestia kühniella Z. Z. f. Natforsch. 7b:65-79. Feb.1952. 474 Z3

68949 HORKE, A. Hydroecia nordstroemi n. sp. (Lepid. Noctuidae). Ent. Tidskr. 73:13-16. 1952. 421 En891

68950 HUGGINS, H. C. Notes on Microlepidoptera. Ent. Rec. & J. Variation 64:144-145. May 1952. 421 En89
Collecting.

68951 HYDE, G. E. A northern butterfly. Country Life [London] 111:1649. May 30,1952. 80 C83
Coenonympha tullia.

68952 IOWA. STATE COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. The European corn borer [Pyrausta nubilalis] and its control in the North Central States. Iowa. State Col. Agr. Ext. Pam. 176,8 p. Feb.1952. 275.29 Io9Pa

68953 JACKSON, R. A. Some Lepidoptera of a Hampshire marsh. Entomologist 85:105-107. May 1952. 421 En8

68954 JANCKE. Massenauftreten des goldafters [Nygmia phaeorrhoea]. Gesunde Pflanzen 4:53-55. Mar. 1952. 464.8 G33

68955 JOHANSSON, A. S. The food plant preference of the larvae of Pieris brassicae L. (Lepid., Pieridae). Norsk Ent. Tidsskr. 8:187-195. 1951. 421 N812

68956 JOHNSON, J. H. Larval coloration of Deilephila elpenor. Ent. Rec. & J. Variation 64:145-146. May 1952. 421 En89

68957 JOLY, R. Processionnaires. Rev. Forest. Franç. 5:355-360. May 1952. 99.8 R329
Thaumetopoea species.

68958 JUDD, W. W. Cacoecia melaleucana Walker (Lepidoptera: Tortricidae) and its hymenopterous parasites reared from Trillium grandiflorum (Michx.) Salisb. Amer. Micros. Soc. Trans. 71:125-128. Apr.1952. 440.9 Am33

68959 JULLIARD, C. Le parasitisme des chrysalides de Vanessa urticae en Valais et au Saentis. Schweiz. Ent. Gesell. Mitt. 25:49-55. Feb.29,1952. 420 Sw6

68960 KAUFFMANN, G. Die Hesperiidae der Schweiz rassenanalytische bemerkungen über verbreitung und formen dieser familie. Schweiz. Ent. Gesell. Mitt. 24: 329-376. Ref. Dec.15,1951. 420 Sw6

68961 KESSLER, P. Eine neue form von Parasemia plantaginis L. (Lep. Arctiiade). Schweiz. Ent. Gesell. Mitt. 24:411-412. Dec.15,1951. 420 Sw6

68962 KLOTS, A. B. Back-yard butterflies for young collectors. Family Circle 41:38-41,58-62. July 1952. 321.8 F21

68963 KNABEN, N. Notes on the Norwegian Lepidoptera (Noctuidae, Geometridae). Norsk Ent. Tidsskr. 8:203-206. 1951. 421 N812

68964 LACREUZE, C. Observations sur les genitalia mâles de Melitaea orientalis et desfontainii (Lep. Nymphal.). Schweiz. Ent. Gesell. Mitt. 25:23-28. Feb.29, 1952. 420 Sw6

68965 LAIBACH, E. Motten und mottenschutz. Melliand Textilber. 33:324-327. Apr.1952. 304.8 T312
English summary.
Clothes moths.

68966 LEDERER, G. Colias australis Verity 1905—11 (Lep. Pieridae) im Rhein-Main-Gebiet. Ent. Z. 62:5-6. Apr.1,1952. 421 En85

68967 LEES, F. H. Tathorhyncus exsiccata Lederer in South Devon. Ent. Rec. & J. Variation 64:131-132. May 1952. 421 En89

68968 LE MARCHAND, S. Une mine inépuisable: les Stigmella (Nepticula) (Microlépidoptères, Stigmellidae), contribution à leur étude. Rev. Franç. de Lépidoptérologie 13:98-102. (Cont.) Sept./Oct.1951. 421 P192

68969 LIEBIG, A. W. Die bekämpfung der kakaomotte [Ephestia elutella] und anderer schädlinge in der schokoladen- und süsswaren-industrie. Zucker- u. Süsswaren-Wirt. 5:295-296. Apr.22,1952. 286.86 Z8

68970 LIPSCOMB, C. G. Familiar butterflies in North Africa. Ent. Rec. & J. Variation 64:136-137. May 1952. 421 En89

68971 LUCKMANN, W. H., and DECKER, G. C. A corn plant maturity index for use in European corn borer [Pyrausta nubilalis] ecological and control investigations. J. Econ. Ent. 45:226-232. Apr.1952. 421 J822

68972 MACCREARY, D., and MILLIRON, H. E. Occurrence of the smartweed borer [Pyrausta ainsliei] and the European corn borer [P. nubilalis] in apples. J. Econ. Ent. 45:348. Apr.1952. 421 J822

68973 MITCHELL, R. T. Consumption of spruce budworms [Choristoneura fumiferana] by birds in a Maine spruce-fir forest. J. Forestry 50:387-389. May 1952. 99.8 F768

68974 MUNROE, E. G., and others. The field season summary of North American Lepidoptera for 1951. Lepidopterists' News 5:81-110. 1951. 421 L554
1, Southwest - California, Arizona, Nevada, by L. M. Martin; 2, Northwest - Oregon, Washington, Idaho, British Columbia, by J. C. Hopfinger; 3, Rocky Mountains - New Mexico, Utah, to Alberta, by D. Eff; 4, Great Plains - Texas and eastern plains of Rocky Mts. States t Saskatchewan and Manitoba, by H. A. Freeman; 5, Central - Missouri to West Virginia, north to Ontario, by P. S. Remington, Jr.; 6, Southeast - Florida to Louisiana, north to Arkansas and Maryland, by R. L. Chermock; 7, Northeast - Delaware and Pennsylvania north to southern Quebec, by S. A. Hessel; 8, Far North - Alaska to Labrador, by T. N. Freeman.

68975 MUSPRATT, V. M. Observations sur quatre migrations de Lépidoptères. Rev. Franç. de Lépidoptérologie 13:125-127. Sept./Oct.1951. 421 P192

68976 NAKADA, M. Control condition of fall web worm [Hyphantria cunea]. (In Japanese.) Jap. J. Plant Protect. 22:3-5. Apr.1951. 421 J27

68977 NEWMAN, L. H. The courtship of moths. Field 199:823-824. May 24,1952. 10 F45

68978 NIELSEN, A. Three Noctuidae [i.e. Phalaenidae] new for Norwegian fauna, found at Jaeren (Ry). (In Norwegian.) Norsk Ent. Tidsskr. 8:217-218. 1951. 421 N812

68979 OBRAZTSOV, N. Laspeyresia interruptana (HS.) als selbständige art (Lep. Tortr.). Ent. Tidskr. 73: 33-37. 1952. 421 En891

68980 OPHEIM, M. Older find of Macrolepidoptera in Norway. (In Norwegian.) Norsk Ent. Tidsskr. 8:207-217. Ref. 1951. 421 N812

68981 ORTEGA, J. C. Control of codling moth and aphids in Southern California, new materials promising but DDT or basic lead arsenate plus aphicide recommended. Diamond Walnut News 34(3):6-7. May 1952. 94.68 D34

68982 PEETERS, F. J. The poplar goat moth [Cossus cossus]. (In Flemish.) Cult. en Handel 18:221-223. Apr. 1952. 80 C892

68983 POVOLNÝ, D., and ŠMELHAUS, J. Contribution to the knowledge of the genus Procris Fabr. (In Czech.) Československ. Zool. Společnost. Vest. 15:147-200. Ref. 1951. 410.9 C33
English summary.

68984 RATKOVICH, M. E. problema creado a la industria azucarera por los gusanos chupadores [Diatraea saccharalis] Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(28):36-38. Oct.1951. 9 Ar35

68985 ROEPKE, W. Lepidoptera Heterocera, gesammelt von Dr. F. Schneider in Sumatra. Schweiz. Ent. Gesell. Mitt. 24:377-400. Dec.15,1951. 420 Sw6
Includes new spp. in Neophalacra n. g., Epiplema and Athyrma.

68986 RUI, D., and BELLAVITE, F. An enemy at the gate: Hyphantria cunea. (In Italian.) Informatore Agr. 8: 25. Jan.31,1952. 281.8 In32

68987 RUI, D. Need for controlling plant enemies: how Agrotidae [i. e. Phalaenidae] are controlled. (In Italian.) Agr. Vicentina 83(10):1-2. May 15,1952. 16 Ag8257

68988 SMITH, P. S. The white and pale forms of Lycaena phlaeas L. Ent. Rec. & J. Variation 64:134-136. May 1952. 421 En89

68989 STARR, D. F., FERGUSON, P., and SCHULZ, J. T. Corn borer [Pyrausta nubilalis] control with ryania and other insecticides. Canning Trade 74(42):17-18,20,22, 29. May 5,1952. 286.83 T67

68990 STARR, D. F., SCHULZ, J. T., and FERGUSON, P. Results of field tests on use of ryania insecticides in corn borer [Pyrausta nubilalis] control. II. Agr. Chem. 7(6):46-47,135. June 1952. 381 Ag8

68991 STEMPFFER, H. Mission A. Villiers au Togo et au Dahomey (1950). XI. Lépidoptères, Lycaenidae. Inst. Franç. d'Afrique Noire. B. 14:184-190. Jan.1952. 515 D14

68992 TENHET, J. N., and BARE, C. O. Lindane as an insecticide to control tobacco moth [Ephestia elutella] and cigarette beetle [Lasioderma serricorne]. J. Econ. Ent. 45:218-222. Apr.1952. 421 J822

68993 THAMES, W. H., JR. Corn earworm [Heliothis armigera] control, timing and number of applications. Fla. Ent. 35:47-50. June 1952. 420 F662

68994 THOMANN, H. Die gattung Endrosa in Graubünden (Lep. Arctiidae). Schweiz. Ent. Gesell. Mitt. 24: 413-437. Ref. Dec.15,1951. 420 Sw6

68995 WAGN, O. New pest [Agrotis pronuba] in the orchard. (In Danish.) Erhvervsfrugtavlerен 18:25-27. Nov.1951. 80 Er3

68996 WILSON, J. W., THAMES, W. H., and HAYSLIP, N. C. Corn earworm [Heliothis armigera] control, summary and recommendations. Fla. Ent. 35:57-61. June 1952. 420 F662

68997 WOLFF, N. L. Notes on the synonymy of some Tortricina (Lep.). Ent. Tidskr. 73:53-64. 1952. 421 En891

68998 ZALESSKII, ĬÙ. M. Something new about the flight of butterflies [Lepidoptera]. (In Russian.) Akad. Nauk SSSR. Dok. 84:181-184. Ref. May 1,1952. 511 P444A

See also Sericulture and the Silkworm.

ORTHOPTERA

68999 BHATTACHARJEE, H. Reeling of mulberry silk cocoon—a problem. Indian Textile J. 62:309-312, 299. Feb.1952. 304.8 In2

69000 BRENIERE, J. La lutte antiacridienne en 1949 et 1950 au moyen d'avions et d'hélicoptères dans le Sud-Ouest de Madagascar. Agron. Trop. [Nogent-sur-Marne] 7:164-169. Mar./Apr.1952. 26 Ag86

69001 BRETT, C. H., and EITEL, W. J. Comparison of dieldrin and aldrin with other compounds as grasshopper toxins. J. Econ. Ent. 45:346-347. Apr.1952. 421 J822

69002 BRUNET, P. C. J. The formation of the ootheca by Periplaneta americana. II. Q. J. Micros. Sci. 93:47-69. Ref. Mar.1952. 440.8 Q2

69003 BURGESS, L. E., MCNEIL, E. H., and ROLFE, D. T. Response of certain microorganisms to a pterine compound isolated from developing egg of grasshopper. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:20. Mar.1952. 442.9 F31P

69004 CHURCH, N. S., and SALT, R. W. Some effects of temperature on development and diapause in eggs of Melanoplus bivittatus (Say) (Orthoptera: Acrididae). Canad. J. Zool. 30:173-184. June 1952. 470 C16D

69005 COLOMBO, G. Observations on the volumetric nuclear variations in mitosis and meiosis. (In Italian.) Accad. Naz. dei Lincei. Cl. di Sci. Fis. Mat. e Nat. Atti. Rend. (ser.8)11:118-121. July/Aug.1951. 507 R66
In Anacridium aegyptium.

69006 DAVIES, D. E. Seasonal breeding and migrations of the desert locust (Schistocerca gregaria Forskål) in north-eastern Africa and the Middle East. Brit. Mus. (Nat. Hist.) Anti-Locust Mem. 4,57 p. Ref. 1952. 420 B772

69007 HANDFORD, R. H., and PUTNAM, L. G. Efficiency of grasshopper baits in relation to time of day of application. Canad. Ent. 84:147-155. May 1952. 421 C16

69008 JOLY, P. Remarque sur la croissance thoracique chez Calliptamus okbaensis. Soc. de Biol. Compt. Rend. 146:128-131. Jan.1952. 442.9 P21

69009 KEY, K. H. L. Proposed use of the plenary powers to validate the generic names "Chortoicetes" Brunner, 1893 and "Austroicetes" Uvarov, 1925 (Class Insecta, Order Orthoptera), and to direct that these names be treated as of the feminine gender. B. Zool. Nomencl. 6:163-167. May 22,1952. 410 B874
With comments by H. G. Andrewartha and D. C. Swan.

69010 PENTON, A. 'Hoppers on the horizon. Org. Farmer 3(11):18-21,45-46. June 1952. 57.8 Or3

69011 REHN, J. A. G. Some additions to our knowledge of the Desmopterini (Orthoptera: Acrididae: Pyrgomorphinae). Acad. Nat. Sci. Phila. Proc. 103:211-236. 1951. 500 P53
Includes new species in Desmopterina, Apodesmopterina n. g., and Desmopterella.

69012 RICHARDS, T. J. Nemobius sylvestris in S.E. Devon. Entomologist 85:108-111. (Cont.) May 1952. 421 En8

69013 RONEY, J. N. Control grasshoppers on crop land. Ariz. Agr. Col. Ext. C. 189,4 p. June 1951. 275.29 Ar42

69014 RONEY, J. N. Grasshopper control on Arizona ranges. Ariz. Agr. Col. Ext. C. 188,4 p. June 1951. 275.29 Ar42

69015 ROTH, L. M., and WILLIS, E. R. Tarsal structure and climbing ability of cockroaches. J. Expt. Zool. 119:483-517. Ref. Apr.1952. 410 J825

69016 TROUILLON, L. L. Les ephippigères. Prog. Agr. et Vitic. 137:287-289. May 18/25,1952. 14 P94

69017 UVAROV, B. P. Desert locust; the 1951 campaign. Corona 4:67-68. Feb.1952. 282.28 G79
Schistocerca gregaria.

SERICULTURE AND THE SILKWORM

69018 DRILHON, A., VAGO, C., and BUSNEL, R. G. Essai de diagnostic précoce de la grasserie et de la flacherie par l'analyse chromatographique du sang de bombyx mori. Soc. de Biol. Compt. Rend. 146:11-12. Jan. 1952. 442.9 P21

69019 HARIZUKA, M. Utilization of organic mercury compound in sericulture. (In Japanese.) Jap. J. Plant Protect. 25:17-19. July 1951. 421 J27

69020 ITO, T. A consideration on the mechanism of the genic action on larval markings, crescent and star-spot, in the silkworm, Bombyx mori. Jap. J. Genet. 26: 73-77. Aug.1951. 442.9 J27

69021 MANCINI. Defense of silkworm breeding. (In Italian.) Agr. Vicentina 82(9):2-3. May 1,1951. 16 Ag8257

69022 OSTRÍAKOVA-VARSHAVER, V. P. Cytology of fertilization in the mulberry silkworm [Bombyx mori] in connection with variations in sensitivity of the consecutive phases of the process of high temperature. (In Russian.) Akad. Nauk SSSR. Dok. 83:921-924. Apr.21, 1952. 511 P444A

69023 PIGORINI, L. Reforms in our sericulture. (In Italian.) Agr. delle Venezie 6:116-118. Mar.1952. 16 Ag826

69024 PIGORINI, L. Toward the increase of silkworm rearing. (In Italian.) Agr. Vicentina 82(9):1-2. May 1,1951. 16 Ag8257

69025 TAJIMA, Y. Separation of male and female silkworms in egg stage. Internatl. Silk Assoc. B. 11:37-38. Feb.1952. 304.9 In82B

SMALLER ORDERS

69026 ALLEN, F. E. Control of lice and mites. World's Poultry Sci. J. 8:132. Apr./June 1952. 47.8 W89

69027 ANANTHAKRISHNAN, T. N. A new species of thrips—Ecacanthothrips ramakrishnai sp. nov. (Thysanoptera, tubulifera) from south India. Indian Acad. Sci. Proc. Sect. B. 35:38-41. Jan.1952. 513 In25B

69028 CRAIGHEAD, E. M. The caddis flies, builders of portable houses. Pa. Angler 21(5):13,26-27. May 1952. 410 P382

69029 DENNING, D. G. The Hydropsychidae of Minnesota (Trichoptera). Minn. U. Sum. Ph. D. Theses 5:46-48. 1951. 241.8 M66

69030 ELBEL, R. E. Comparative morphology of some rat flea larvae (Siphonaptera). J. Parasitol. 38:230-238. June 1952. 448.8 J824

69031 GISIN, H. Notes sur les Collemboles, avec démembrement des Onychiurus armatus, ambulans et fimetarius auctorum. Schweiz. Ent. Gesell. Mitt. 25:1-22. Ref. Feb.29,1952. 420 Sw6
Includes new spp. in Hypogastrura, Odontella and Onychiurus.

69032 GROVE, A. R., JR. May fly aristocrats. Pa. Angler 21(5):10-11,28-29. May 1952. 410 P382

69033 HETRICK, L. A. The comparative toxicity of some organic insecticides as termite soil poisons. J. Econ. Ent. 45:235-237. Apr.1952. 421 J822

69034 HOPKINS, G. H. E. The type and type-locality of Neopsylla bidentatiformis (Wagner), 1893 (Siphonaptera). Entomologist 85:102-104. May 1952. 421 En8

69035 JELLISON, W. L. Anoplura from mammals of the Pribilof Islands. J. Parasitol. 38:274-275. June 1952. 448.8 J824

69036 JUCCI, C. Symbiosis and phylogenesis in the Isoptera. Nature [London] 169:837. May 17,1952. 472 N21

69037 KÉLER, S. V. Zwei neue Mallophagenarten von Atlantisia rogersi Lowe. Z. f. Parasitenk. 15:34-56. 1951. 442.8 Z33F
In Pseudomenopon and Parricola.

69038 KILPATRICK, J. W., and FAY, R. W. DDT-resistance studies with the oriental rat flea [Xenopsylla cheopis]. J. Econ. Ent. 45:284-288. Apr.1952. 421 J822

69039 MOORE, S., III. New method for eradicating lice [Columbicola columbae and Eomenacanthus stramineus]. Amer. Racing Pigeon News 68(5):9. May 1952. 47.8 H75
Lindane vapor.

69040 NOLTE, H. W. Beiträge zur morphologie und biologie des lärchenblasenfusses (Taeniothrips laricivorus Krat.). Beitr. z. Ent. 1:110-139. Ref. Dec.1951. 421 B392

69041 OETTINGEN, H. VON. Geographische und ökologische analyse der Thysanopterenfauna der östlichen gebiete Mitteleuropas. Beitr. z. Ent. 1:44-59. Oct.1951. 421 B392
Includes new spp. in Thrips and Haplothrips.

69042 OETTINGEN, H. VON. Thrips tabaci Lindem. als erbsenschädling. Beitr. z. Ent. 1:42-43. Oct.1951. 421 B392

69043 OETTINGEN, H. VON. Die Thysanopterenfauna des Harzes. Beitr. z. Ent. 1:140-186. Ref. Dec. 1951. 421 B392

69044 PERRY, R. A paradise for dragonflies. Countryman [Burford] 45:351-356. Summer 1952. 281.28 C832
Great Britain.

69045 PEUS, F. Eine neu entdeckte rasse des Euctenophthalmus obtusus Jord. & Roths. aus dem Jesenîky (Altvatergebirge). Ceskoslov. Zool. Spolecnost. Vest. 15: 235-239. 1951. 410.9 C33

69046 PIERCE, W. D. A new strepsipterous parasite of Membracidae. South. Calif. Acad. Sci. B. 51:4-8. Jan./Apr.1952. 500 So8
In Membracixenos n. g.

69047 PRENN, F. Lestes viridis Vanderl (Odonatae), procecidienbildung und prolarve. Aschaffenburg. Natwiss. Mus. Nachr. 31:1-11. May 1951. 409.6 As2

69048 RAHM, U. H. Die innersekretorische steuerung der postembryonalen entwicklung von Sialis lutaria L. (Megaloptera). Rev. Suisse de Zool. 59:173-237. Ref. Mar.1952. 410 R324

69049 RICHARDSON, B. H., and WENE, G. P. Control of onion thrips [Thrips tabaci] in Texas. J. Econ. Ent. 45:258-262. Ref. Apr.1952. 421 J822

69050 SCHMID, F. Le groupe de Chaetopteryx (Limnophilidae, Trichoptera). Rev. Suisse de Zool. 59:99-171. Mar.1952. 410 R324
Includes new spp. and sgen. in Psilopteryx, and Annitella; also Pseudopsilopteryx n.g.

69051 SCHMIDT, E. Libellensammelreise nach Sizilien, 1951. Ent. Z. 62:6-8,9-14. Apr.1-15,1952. 421 En85

69052 TANDAN, B. K. Mallophagan parasites from Indian birds. III. New species belonging to the genera Falcolipeurus and Quadraceps. Ann. & Mag. Nat. Hist. (ser.12)5:460-465. May 1952. 410 An77

69053 U. S. EXTENSION SERV. Soil treatment, an aid in termite control. U. S. D. A. L. 324,6 p.-folder. May 1952. 1 Ag84L
A revision of AIS-30.

69054 WALKER, E. M. New or noteworthy records of Canadian Odonata. Canad. Ent. 84:125-130. Ref. May 1952. 421 C16

AGRICULTURAL ENGINEERING

References on bee-keeping equipment and malaria control equipment are classified with Entomology; references on forestry equipment with Forestry; references on industrial equipment with Agricultural Products; and references on irrigation equipment and drainage equipment with Soils.

GENERAL AND MISCELLANEOUS

69055 BARNES, V. L. Farm fish ponds dotting more and more areas as importance becomes recognized throughout State. Miss. Game & Fish 15(10):8-9. May 1952. 412.9 M696G

69056 BERGER, F. Der häckselhof. Landwirtschaft 9/10:138-141. May 1952. 19 L235
Layout, buildings, and equipment for efficiency in Austria.

69057 BOWLER, D. G. Planning and construction of bulldozed tracks on hill country. Massey Agr. Col. Sheep-farming Annu. 4:57-59,61-65,67-68. Nov.1951. 45.9 M385
Includes discussion.

69058 DOBROWSKY. Blitzschutz für die landwirtschaft. Landwirtschaft 9/10:142-143. May 1952. 19 L235

69059 FARRALL, A. W. A graduate program in agricultural engineering. Agr. Engin. 33:365,368. June 1952. 58.8 Ag83

69060 HALL, G. E. Farm ponds—for cattle or for fish? Okla. Game & Fish 8(5):4-6. May 1952. 410 Ok4

69061 JORDBRUKSTEKNISKA INSTITUTET. Jordbrukstekniska Institutets verksamhet [Activities of the Swedish Institute of Agricultural Engineering] 1950/51. Jordbrtek. Inst. Meddel. 239,25 p. 1951. 58.9 J762

69062 KLIEVER, W. H. Instrumentation in agricultural engineering research. Agr. Engin. 33:366,368. June 1952. 58.8 Ag83

69063 LASSAGNE, H. L'utilisation rationnelle des explosifs dans les cultures fruitières. France. Min. de l'Agr. B. Tech. d'Inform. 68:259-268. Apr.1952. 14 F844B

69064 NATIONAL SAFETY COUNCIL. Face the facts! Chicago,1951. 4 p. 448 N216

69065 PURDUE UNIVERSITY. ENGINEERING EXPERIMENT STATION. Research activities 1950-51. Purdue U. Engin. Expt. Sta. Res. Ser. 116,120 p. May 1952. 290.9 P97E
Includes agricultural engineering.

69066 SALTER, R. G. Modern farm buildings. VII. New layouts. Land Agent's Soc. J. 51:189-194. May 1952. 282.9 L22

69067 SCHOFER, G. Ein neuartiger häckselhof. Tech. f. Bauern u. Gärt. Ausg. A 4:97-100. Mar.10,1952. 58.8 T223
Farm layout and buildings.

69068 SILVA, N. A. DA. Agricultural equipment; rules for safety when working. (In Portuguese.) Lav. Arroz. 6(61):35-36. Jan.1952. 59.8 L39

69069 SOBRERO, L. A. Protección contra los rayos. Campo [Tacuba] (ser.2)20(721):68-69,72,74-75. Mar.31, 1952. 8 C157

69070 WARDLE, N. J., and BROSIER, M. H. Fire first-aid for your farm. Iowa. State Col. Agr. Ext. Iowa Farm Sci. 6(11):175-177. May 1952. 275.28 Io94
Chiefly control equipment.

FARM MACHINES AND EQUIPMENT

69071 ALFELD, E. Die anwendung des elektrischen stromes zur senkung der arbeitslast in betrieb, hof und haus. Deut. Landwirt. Gesell. Mitt. 67:359. May 17,1952 18 N39

69072 AMPHOUX, R. Exposition de machines agricoles de Toulouse. Prog. Agr. et Vitic. 137:269-270. May 4/11,1952. 14 P94

69073 ARNIM, W. VON. Die mechanisierung der westeuropäischen landwirtschaft. Übersicht 3(3):27-28. Mar.1952. 18 Ub3

69074 ASHBY, A. W. Rearmanment and farm mechanisation. Nottingham U. Dept. Agr. Econ. Farm Mgt. Notes 7:12-13. Spring 1952. 281.9 N842

69075 BALLU, T. La mécanisation vue sous l'angle des petites et des moyennes cultures. Sillon Belge 22 (511):1,3. May 31,1952. 13 Si3

69076 BARATTE, J. Après le salon de la machine agricole: réflexions d'un visiteur. Agr. Prat. 116:199-200. Apr.1952. 14 J82

69077 BARROS, Z. C. DE. Cooperative of agricultural mechanization. (In Portuguese.) Divulg. Coop. 29:13-14. Mar.1952. 280.28 R47
Brazil.

69078 BISMARCK, L. von. Von alten, bewährten verfahren abweichen. Landmasch.-Rundschau 4:52. Mar.1952. 58.8 L237
Mechanization.

69079 BOUFFIL, F. Culture motorisée de l'arachide au Senegal. Bambey. Cent. de Rech. Agron. B. 3:51-64. 1951? 24 B21

69080 BRASCHI, G. On the road to mechanization, there is no longer room for hoes and primitive plows. (In Italian.) Agricoltura 1(4):9-14. Apr.1952. 16 Ag8226
English summary.
Italy.

69081 BROWN, D. G. Mechanization problems on the larger farms. Inst. Brit. Agr. Engin. J. 8(2):11-21. Oct. 1951. 58.9 In7
Includes discussion.

69082 BUEREN, J. VAN. Agricultural equipment cooperatives. III. Organization and financial management. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:102-107. Mar.1952. 12 N383M

69083 CANADA. BUR. OF STATISTICS. The agricultural implements industry, 1950. Canada. Bur. Statis. Census. Indus. Mining, Metall. & Chem. Statis. 2(12),B-15 p. 1952. 57.9 C162S

69084 CARILLON, R. Autocritique en matière de machinisme agricole. Motorisation Agr. 7:57-59. Feb. 1952. 58.8 M85

69085 CERDAN, D. Après le Salon de la Machine Agricole, ténacité mécanicienne française. Rev. du Bois 7(5):29-30. May 1952. 99.82 R32

69086 CHAVEZ CARBAJOSA, E. Farm mechanization—a solution to our economic problem. Plowman 8: 353,373. Apr.1952. 276.8 P72
Philippines.

69087 COMMUN, R. L. A propos du XXIVe salon de la machine agricole. Oléagineux 7:285-287. May 1952. 77.8 OL2

69088 CONNECTICUT. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 4-H farm and home mechanics record book, by E. L. Palmer. Storrs,1952. 7 p. 275.29 C76Fo

69089 COSTE, R. Le XXIVe Salon International de la Machine Agricole. Marchés Colon. du Monde 8:1555,1557-1559. May 31,1952. 286.8 M33
France.

69090 DEXTER, K. Men or machines? Nottingham U. Dept. Agr. Econ. Farm Mgt. Notes 7:14-15. Spring 1952. 281.9 N842
Costs and returns in relation to mechanization.

69091 ENGELHARD, J. Quelques détails sur des machines nouvelles du dernier Salon de la Machine Agricole. Rustica 25:547. June 8,1952. 14 R92
France.

69092 EWART, K. Overseas trends in farm mechanisation. (Extr.) Power Farming Austral. & New Zeal. 61 (3):7,9. Mar.1952. 58.8 P87

69093 FAHRINGER, F. Diel neues gab es auf der Wiener Frühjahrsmesse 1952. Prakt. Landwirt 6:67-68. Apr.1952. 19 P88
Equipment display.

69094 FARM mechanization directory 1952. London, 1952. 504 p. 225 F229

69095 FOSCHI, M. In the school of agricultural mechanics the first palaestra of young technicians. (In Italian.) Agricoltura 1(4):15-16. Apr.1952. 16 Ag8226

69096 FRANCE. DIRECTION GÉNÉRALE DU GÉNIE RURAL ET DE L'HYDRAULIQUE AGRICOLE. Comment entretenir les machines agricoles. Paris,Maison Rustique,1951. 38 p. 58 F84Co

69097 GAUL. Der maschinenpark zur durchführung von folgeeinrichtungen der teilnehmergemeinschaften im Pfinz-Saalbachgebiet. Wasser u. Boden 4:37-39. Feb. 1952. 56.8 W28

69098 GOERSCH, H. Maschineneinsatz in betrieben werktätiger bauern. Deut. Landwirt. 3:208-209. Apr. 1952. 18 D4822
Russian Zone.

69099 GT. BRIT. LEGATION, DAMASCUS. COMMERCIAL SECRETARIAT. Syria's growing need for modern agricultural equipment. Bd. Trade J. 162:1062-1063. May 24,1952. 256.03 T67J

69100 GRIFFING, J. B. What "EMA" [Emprêsa de Mecanização Agricola,.S. A.] has done in Brazil. (In Portuguese.) Fazenda 47(5):32-35. May 1952. 6 H11P

69101 HAYWARD, J. J. Farm mechanisation the efficient way. Farmer's Wk. [Bloemfontein] 83:14-15,17. May 21,1952. 24 F225
Mechanization in Southern Rhodesia.

69102 HEATH, R. C. Mechanisation of agriculture. Indian Dairyman 3:114-115,125. Mar.1952. 44.8 In282

69103 JONGE, P. DE. Equipment inventory on a grassland farm of 10 hectares. (In Dutch.) Boer en Tuinder 6(273):7. Apr.26,1952. 12 B632
Netherlands.

69104 JÖRSS, R. Neuererkonferenz im volkseigenen sektor der landwirtschaft in Mecklenburg. Deut. Agrartech. 1:292-293. Oct.1951. 58.8 D482
Equipment.

69105 KALVERKAMP, U. D. Agricultural equipment for the arable farm. (In Dutch.) Boer en Tuinder 6(273): 15. Apr.26,1952. 12 B632
Netherlands.

69106 KAYSER, E. Landtechnik auf der "Grünen Woche Berlin." Landmasch.-Rundschau 4:27-33. Feb. 1952. 58.8 L237

69107 KNIGHT, W. H. Kitchen & laundry planning for the electrified farm home. Idaho. Agr. Col. Ext. Farm Electrif. L. 17,4 p. Mar.1952. 275.29 Id13Fa
Equipment.

69108 KNIGHT, W. H. Labor saving ideas. Idaho. Agr. Col. Ext. Farm Electrif. L. 15,4 p. Sept.1951. 275.29 Id13Fa
Includes labor-saving devices and equipment.

69109 KÜHN, F. Wirtschaftliche probleme der landmaschinen- und ackerschlepperindustrie. Landtechnik 7:254-257. May 15,1952. 58.8 L235

69110 LENGSFELD, KLOTH, W., and MEYER, H. Germany. Land- u. Hauswirt. Auswertungs-Informienst. Ber. Uber Ergeb. des Probrannes f. Tech. Hilfeleist. 4, 61 p. 1951. 280.9 G317

69111 LEWIS, H. A. Significant developments in farm machinery. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11,p.29-32. Saskatoon,1951. 31.2 Sa72

69112 LUDWIG, H. Motor-gerätereihe für den kleinen hof. Tech. f. Bauern u. Gärt. Ausg. G 4:50-51. Feb.10,1952. 58.8 T223G

69113 MCHARDY, D. N. Specialization for small Irish farms, new equipment on view at Dublin show in relation to the peculiar needs of the small-holders of Eire. Power Farmer 8:219-220. June 1952. 58.8 P872

69114 MARTIN, G. Illusions et réalités de la mécanisation. Eure Agr. 274:1-2. May 28,1952. 14 Eu7

69115 MATTHIES, H. J. Bewältigung der ernteeinlagerung; greiferaufzüge, höhenförderer, gebläse, gebläsehäcksler. Deut. Landwirt. Gesell. Mitt. 67:347-350. May 17,1952. 18 N39
Hay and grain.

69116 MAULIT, D. A. Economic fundamentals in farm mechanization in the Philippines. Gard. & Farm 1 (7):6-7,22,26-28,36-37,42,44; (8):13-14,17-18,28,33,37. (Cont.) Jan.-Feb.1952. 25 G16

69117 MEINDL, G. Landmaschinenschau und landmaschinenvorführung auf der Wiener Frühjahrsmesse. Landwirtschaft 9/10:166-170. May 1952. 19 L235

69118 MELO, S. La mecanización no es amenaza, sino ayuda para el trabajador agricola. Cuba Ganad. 12 (9):28-29. May 1,1952. 49 C89

69119 METGE. La mécanisation et le système cultural africain. Agron. Trop. [Nogent-sur Marne] 7: 136-149. Mar./Apr.1952. 26 Ag86

69120 MILLYARD, W. F. Colombia buys farm equipment. Foreign Trade 11:644-645. May 24,1952. 286.8 C162

69121 MOWERY, A. S. Vertical elevator for filling silos. Farm Electrif. 6(3):11,16. May/June 1952. 335.8 F224

69122 MÜHLE, W. Deutsche gartenbau-ausstellung Markkleeberg 1951. Deut. Agrartech. 1:322-324. Nov. 1951. 58.8 D482
Russian Zone.

69123 MÜHLE, W. Lehr- und leistungsschau des Landes Brandenburg in Cottbus 1951. Deut. Agrartech. 1: 354-358. Dec.1951. 58.8 D482

69124 MÜHLE, W. Leipziger herbstmesse 1951. Deut. Agrartech. 1:290-291. Oct.1951. 58.8 D482

69125 MUYZENBERG, E. W. B. VAN DEN. Horticultural equipment. (In Dutch.) Fruitteelt 42:358. May 1,1952. 86 N28

69126 NAUHAUSER, P. Ratgeber für die pflege von maschinen und geräten in landwirtschaft und weinbau. Ed. 3, rev. & enl. Ludwigshafen,Rhein?1951? 96 p. 58 N22

69127 PERONNET, A., and SUDRE, J. Après le Salon de la Machine Agricole. Potasse 26:87-91. Apr. 1952. 57.8 P84

69128 POUSSET, E. Étude sur la motorisation intégrale des domaines viticoles. Rev. Agr. de l'Afrique du Nord 49:895-897. Dec.14,1951. 80 R326

69129 PREUSCHEN, G. Was lehrt uns Brüssel? Der 32. belgische landmaschinen-salon. Tech. f. Bauern u. Gärt. Ausg. A 4:121-123. Mar.25,1952. 58.8 T223

69130 PRIEBE, H. Der blick über den zaun: Schweden. Dreschen u. Pflügen 7(2):6-7. Feb.15,1952. 58.8 D81

69131 PROGRESS report on the South. Impl. & Tractor 67(11):66-71,74-81,84-88,94,96,98,113,140,142,150-151,156,158,165-166. May 24,1952. 58.8 W41

69132 PUYAL, V. La mecanización en nuestras zonas rurales. Siembra [Madrid] 8(2):3-4. Feb.1952. 15 Si1
Spain.

69133 RICHARDSON, P. P. Mechanisation of small market gardens. Nottingham U. Dept. Agr. Econ. Farm Mgt. Notes 7:21-23. Spring 1952. 281.9 N842

69134 ROWLAND, F. E. Looking back on agricultural engineering. Power Farming Austral. & New Zeal. 61(3): 47,49. Mar.1952. 58.8 P87
History of mechanization.

69135 RUTY, O., and PRUDHOMME, J. Impressions recueillies sur le matériel agricole au cours d'une mission aux U. S. A. enseignements à en tirer. Soc. des Agr. d'Algérie. B. 96:29-47. 1951/52. 24 So1

69136 SCHNELLBACH, O. German agricultural machines for the small farm. Ubersee-Post 17:29-31. Apr.16,1952. 286.8 Ub3

69137 SPENCER, W. W. What's new in power mowers. Pop. Gard. [Albany] 3(4):50-52,54. Apr.1952. 80 P812

69138 STADLER, H. Mechanisierung der hackfruchtarbeit im hangbetrieb. Salzburger Bauer 7(20):5. May 15,1952. 19 Sa3

69139 STEIN, E. Landwirtschaftliche maschinen und geräte im aussenhandel der Schweiz. Landmasch.-Rundschau 4:64,66. Mar.1952. 58.8 L237

69140 STRATTON, C. L. Portable baled hay elevator. Hoard's Dairyman 97:468-469. May 25,1952. 44.8 H65

69141 SWEDEN. STATENS MASKINPROVNINGAR. Vad berättar en provningsredogörelse? [What does a test tell?] Sweden Stat. Maskinprovn. Meddel. 1000,28 p. 1951. 58.9 Up6

Equipment.

69142 TODNEM, O. Devices for transporting hay and straw in barns without open roof frame. (In Norwegian.) Produsenten 20(4):6,14-15. Apr.1952. 11 P94

69143 TURNER, A. W. From dibble to Diesel. Farm Impl. News 73(10):48,78-79. (Cont.) May 25,1952. 58.8 F22

69144 VAN HORNE, R. Spring mechanization is not salvage—planned mechanization really works. Sugar Beet 10(5):7-10. Mar.1952. 66.8 Su34B

69145 VEHSE, A. G. Bedeutende erzeugungs- und leistungssteigerung. Landmasch.-Markt 30(18):8-9. Sept.8,1951. 58.8 L239

69146 WHITE, J. B. Rusting on the farms; British agriculture's neglect of its machinery keeps up costs that could be cut. Field 199:903. June 7,1952. 10 F45

69147 WHYTE, R. O. The refinement of machinery has conquered English agriculture. (In Italian.) Agricoltura 1(3):57-58. Mar.1952. 16 Ag8226

69148 WIDT, R. A. DE. Mechanization in England and the Netherlands. (In Dutch.) Nieuwe Veldbode 18:500-501. Apr.24,1952. 12 V542N

Animal Husbandry Equipment

69149 BARNHART, C. E., and PENDERGRASS, G. D. Comparison of farrowing crate and conventional farrowing pen with guard rails for brood sows. Ky. Agr. Expt. Sta. B, 583,8 p. Feb.1952. 100 K41

69150 BEAUDET, J. La traite à l'electricité. Ferme 13(8):47-49. Apr.1952. 7 F38

69151 BRUGGINK, H. A. Good machine milking on a line with good hand milking. (In Dutch.) Boer en Tuinder 6(273):14. Apr.26,1952. 12 B632

69152 CANFIELD, T. H. Chick sexing machine may prove practical. Hatchery & Feed 26(6):18. June 1952. 47.8 H28

69153 CHUMAK, A. V., and PAVLOV, S. N. Mechanization of livestock raising farms. (In Russian.) Sel'khozmashina 12:6-9. Dec.1951. 58.8 Se42

69154 COETSEE, G. Shower baths for cattle. (In Afrikaans.) Landbouweekblad 33(1707):9. Apr.2,1952. 24 L232

Dipping equipment.

69155 DIECKMANN, M. Brutfibel, die praxis der kunstbrut. Stuttgart,Pfenningstorff,1951. 79 p. 47 D568

69156 EISENREICH, L. Die entwicklung der melkmaschine steht nicht still. Deut. Landwirt. Gesell. Mitt. 67:358-359. May 17,1952. 18 N39

69157 GELDOF, W. Considerations for the machine milker. (In Dutch.) Plattelands-Post 8(20):4. May 15, 1952. 12 P69

69158 GONZÁLEZ RODRIGUEZ, J. Termómetros. Valencia Avic. 8(9):28-31. Oct.1951. 47.8 V23

Use in poultry industry.

69159 GRANT, B. How to make a hackamore headstall. West. Horseman 17(6):16,46-47. June 1952. 42.8 W522

69160 HOPSON, G. H. A veterinarian looks at the milking machine. Calif. Dairyman 32(10):10-12. June 14,1952. 44.8 C12

69161 JEBERIN, H. Melkarbeit und melkmaschine. Hannoversche Land- u. Forstwirt. Ztg. 104:1140-1141. Dec.8,1951. 18 H194

69162 KADASHEVICH, A. M., and CHUMAEVSKII, A. V. Machine production for mechanization of work in animal husbandry during the years of 1949-1951. (In Russian.) Sel'khozmashina 12:3-5. Dec.1951. 58.8 Se42

69163 KARLSEN, G. G. An extensible collar of A. B. Voelkov's construction. (In Russian.) Konevodstvo 21(11): 41-42. Nov.1951. 42.8 K832

69164 KREIDE, U. Praktische reiningung des melkgeschirrs. Unser Milchvieh. 4(4):3. Apr.1952. 43.8 Un7

69165 LOHNER, J. Das maschinelle weide-melken. Landwirt. Wchnbl. 142:479-480. Apr.26,1952. 18 L2338

69166 MCGARRY, W. L., REILLY, J., and BUTLER, M. Aids to better shearing; grinding combs and cutters and maintenance of handpieces. West. Austral. Dept. Agr. J. (n.s.)1:11-20. Jan./Feb.1952. 23 W52J

69167 MARTINSON, H. Contented dairyman. Good equipment and work-saving parlor take the drudgery out of dairy chores. Capper's Farmer 63(6):42-43. June 1952. 6 M693

69168 MORRISON, R. How to milk cows properly. Better Farming Methods 24(6):10,12-13. June 1952. 58.8 B46

69169 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Use and care of milking machines. North. Ireland. Min. Agr. L. 126,8 p. Apr.1952. 10 N81

69170 PHILLIPS, S. M. Testing and servicing as factors in milking-machine performance. Massey Agr. Col. Dairyfarming Annu. 4:141-149,151-155. Nov.1951. 44.9 M382

69171 PORI, A. P. Milchkannen-spülmaschinen zur reinigung und entkeimung der milchkannen. Deut. Agrartech. 1:370-371. Dec.1951. 58.8 [illegible]82

69172 SAL'NIKOV, N. P. New folding bath for dipping sheep. (In Russian.) Veterinariia 29(4):45-48. Apr. 1952. 41.8 V6426

69173 SBEZHNEV, S. G. Our method of complex mechanization of livestock raising farms. (In Russian.) Dostizheniia Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1: 50-52. Jan.1952. 20 D742

69174 WALLENFELDT, E. Don't blame the cooler when the bacteria count climbs; more often you will find your trouble in the pails, cans, or milking machines. Hoard's Dairyman 97:505. June 10,1952. 44.8 H65

69175 WHITTLESTONE, W. G. The cleaning of milking machine rubberware. Soc. Dairy Technol. J. 5:177-179. Apr.1952. 44.8 So12

Cultivation and Tillage Equipment

69176 BADILLO, P. P. Un nuevo cuadro nivelador para terrenos de riego. Tierra [Mexico] 7:239-241. Apr. 1952. 8 T445

69177 BARTELS, H. H. Fahrt neben der pflugfurche! Tech. f. Bauern u. Gärt. Ausg. A 4:25-26. Jan.25,1952. 58.8 T223

69178 BOICOURT, A. W. Small tools for the garden. Horticulture 30:88. Mar.1952. 80 H787

69179 BUCHHOLZ, W. Terrex und spaten. Tech. f. Bauern u. Gärt. Ausg. G 4:129-130,153-154. Mar.25-Apr.10,1952. 58.8 T223G

69180 CREASY, L. E., SMILIE, J. L., and RATCLIFF, R. Y. Development and testing of specialized equipment for weed control in cotton. South. Weed Conf. Proc. 5:27-36. 1952. 79.9 So8

69181 CURRY, F. B. New tool. Soil & Water Mag. 1(3):28. Mar.1952. 54.8 So3

Root-dozer plow.

69182 EARL, H. Cut cultivating costs. U & I Cult. 12:12-13. Mar.1952. 66.8 U12

Sugar beets.

69183 ELENEV, A. V. Five-share tractor plow with P-5-35P colters. (In Russian.) Dostizheniia Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1:86-88. Jan.1952. 20 D742

69184 FREE, M. Let your garden support its own. Home Gard. 19(6):41-43. June 1952. 80 H756

Stakes.

69185 GOGUNSKII, G. G., and KALIUZHNYI, G. D. Modernized tractor plows. (In Russian.) Sel'khozmashina 10:4-5. Oct.1951. 58.8 Se42

69186 HALL, A. Reclaiming hills by rotavation. Power Farmer 8.218. June 1952. 58.8 P872

69187 HOWELL, R. E. Setting implements by the line-diagram method. Ark. Agr. Col. Ext. L. 155,6 p.-folder. Apr.1951. 275.29 Ar4Le

Tillage equipment.

69188 KILAND, T. We need left-hand plows. (In Norwegian.) Norsk Landbr. 18:170. May 9,1952. 11 N8122

69189 KLIEFOTH, F. Verminderung des bodendruckes bei frühjahresarbeiten mit dem schlepper. Dreschen u. Pflügen 7(3):2-3. Mar.15,1952. 58.8 D81

69190 KORENENKO, E. Mechanized inter-row tillage of sugar beets. (In Russian.) Kolkhoz. Proizvodstvo 12(4):49-51. Apr.1952. 281.8 K83

69191 KOSWIG, M. Neuerungen und verbesserungsvorschläge für die frühjahrsarbeiten. Deut. Agrartech. 1: 345-350. Nov.1951. 58.8 D482

69192 MIGNOTTE, F. Les instruments à disques et le travail du sol. France. Min. de l'Agr. B. Tech. d'Inform. 67:199-205. Mar.1952. 14 F844B

69193 NELSON, O. Plow mold boards press-formed to shape. Amer. Mach. 96(12):122-123. June 9,1952. 297.8 Am3

69194 PRONIN, A. F. Mashiny i orudiia dlia ukhoda za posevami [Machine and implements for cultivation of planted crops]. Moskva,Gos. Izd-vo Selkhoz Lit-ry,1951. 31 p. (Trëkhletnie Agrozootekhnicheskie Kursy. 1st Year of Study) 58 P942M

69195 QUEISSER, H. Die bodenbearbeitungsmaschinen des gartenbaus. II,IV. Tech. f. Bauern u. Gärt. Ausg. G 4:57-58,108-109. Feb.10,Mar.10,1952. 58.8 T223G

69196 QUEISSER, H. Die bodenbearbeitungsmaschinen des gartenbaus. V-VI. Tech. f. Bauern u. Gärt. Ausg. G 4:132-133,155-156. Mar.25-Apr.10,1952. 58.8 T223G

69197 RAUSCHER, R. Die hackmaschine. Bauer 5(16):10-11. Apr.19,1952. 19 B32

69198 RIEDEL, K. Bodenfräsen und ihre zusatzgeräte. Deut. Agrartech. 1:309-310. Oct.1951. 58.8 D482

69199 SKINNER, S. O. A simple machine for pushing cane breaks. Queensland. Bur. Sugar Expt. Sta. Cane Growers' Q. B. 15:100-102. Jan.1,1952. 65.9 Q3C

69200 SMILIE, J. L., CREASY, L. E., and NORMAND, W. C. The development and evaluation of implements for cultivating the shoulder area adjacent to chemically treated bands. South. Weed Conf. Proc. 5:37-46. 1952. 79.9 So8

69201 TANGORRA, A. The hoe. (In Italian.) Agr. Molisana 3(3):1-2. Mar.1952. 16 Ag8267

69202 VEDERNIKOV, N. L., and SAFRONOV, IU. V. Determining the importance of external forces which affect the operation of KP-3 cultivator. (In Russian.) Sel'khozmashina 10:10-13. Oct.1951. 58.8 Se42

69203 VICTOR. Entwicklungstendenzen bei der mechanisierung der weinbauarbeiten. (Extr.) Tech. f. Bauern u. Gärt. Ausg. A 4:113. Mar.10,1952. 58.8 T223

69204 VOITOV, P. I. Mechanization of principal processes in growing vegetable crops. (In Russian.) Dostizheniia Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1: 59-63. Jan.1952. 20 D742

Fertilizer and Seed Distributors

69205 BIELFELDT, H. Eine dreireihige handsä- und dibbelmaschine. Deut. Agrartech. 1:363-364. Dec.1951. 58.8 D482

69206 BOGACHEV, V. Narrow-row method of planting. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(3):32-37. Mar.1952. 281.8 So73
Drill for sowing cereals.

69207 BRU, J. La pompe à purin. Génie Rur. 45:169-170. May 1952. 58.8 Au8

69208 CRONAU. Stallmistverflüssigung-ein weg zur lösung der transportfrage. Deut. Landwirt. Gesell. Mitt. 67:333-334. May 10,1952. 18 N39

69209 HEBERLEIN, H. Rebenneuanlagen unter mithilfe moderner maschinen. Schweiz. Z. f. Obst- u. Weinbau 61:205-211. May 31,1952. 80 Sch9

69210 JAKOB, R. Miststreuen mechanisch. Landmasch.-Rundschau 4:33-36. Feb.1952. 58.8 L237

69211 KAYSER, E. Stalldungstreuer. Landmasch.-Markt 31:120-121. Mar.8,1952. 58.8 L239

69212 KIPFMULLER, W. Technische lösungsversuche der einzelkornsaat. Landtechnik 7:265-266. May 15, 1952. 58.8 L235

69213 KRIEBEL, M. Stiefkind düngerstreuer. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:610-611. Apr. 17,1952. 18 L2346

69214 MERTENS, W. Kartoffellegemaschinen wurden vorgeführt. Hannoversche Land- u. Forstwirt. Ztg. 105:475-476. May 10,1952. 18 H194

69215 MÜLLER, K. Verstärkter zuckerrübenanbau — kein arbeitsproblem mehr! Tech. f. Bauern u. Gärt. Ausg. G 4:52. Feb.10,1952. 58.8 T223G
Drills.

69216 NALSON, J. S. Is a muck spreader worthwhile? Nottingham U. Dept. Agr. Econ. Farm Mgt. Notes 7:20-21. Spring 1952. 281.9 N842
Costs and returns.

69217 PRONIN, A. F. Posevnye i posadochnye mashiny [Sowing and planting machines]. Moskva,Gos. Izd-vo Selkhoz Lit-ry,1951. 31 p. (Trëkhletnie Agrozootekhnicheskie Kursy. 1st Year of Study) 58 P942
Chiefly grain.

69218 SCHNERCH, K. Zur frage des maschinellen stallmiststreuens. Deut. Landwirt. 3:130-131. Mar. 1952. 18 D4822

69219 WIERTSEMA, P. The possibilities and disadvantages of manure spreaders. (In Dutch.) Zeeuwsch Landbbl. 40(2116,i.e.3016):1-2. Apr.5,1952. 12 Z2

Harvesting Equipment

69220 ACHARD, J. Au 24e Salon (fin): toute la gamme des arracheuses. Planteurs de Betteraves 79:7. Feb.1952. 66.9 C762

69221 BURCKHARDT, H. Mähdrescherverwendung und lagerung des getreides. Grüne 80:580-583. May 23, 1952. 17 Sch9

69222 CARILLON. Les machines de récolte des fourrages. France. Min. de l'Agr. Rev. Études & Monog. 70:115-119. May 1952. 281.8 F84

69223 DELALANDE, G. Machines de moisson: moissonneuses-lieuses et moissonneuses-batteuses; conduite, entretien, réparations, prix de revient. Soissons, Diffusion Nouvelle du Livre,1951. 219 p. 58 D373

69224 DROZDOV, N. I. Equipment for mowing grasses. (In Russian.) Sel'khozmashina 12:10-13. Dec. 1951. 58.8 Se42

69225 EVANS, D. H. Buying a combine. Nottingham U. Dept. Agr. Econ. Farm Mgt. Notes 7:18-20. Spring 1952. 281.9 N842
Costs and returns.

69226 FISCHER-SCHLEMM, W. E. Heuwerbung; heu- und strohpressen. Masch. in der Landwirt. H2,47 p. Feb.1952. 58 M37

69227 GLERUM, J. C. Vlastrekmachines. Arracheuses de lin. Inst. v. Landbtech. en Rationalisatie. P. 19,28 p. Mar.1952. 58.9 W12
French summary.

69228 HEGE, R. Anforderungen an die saatgutbehandlung unter berücksichtigung eines gesteigerten mähdreschereinsatzes. Deut. Landwirt. Gesell. Mitt. 67:353-355. May 17,1952. 18 N39

69229 HIRSCH, K. Wissenswertes über anbaumähbalken. Deut. Agrartech. 1:311-312. Oct.1951. 58.8 D482

69230 HUMPHRY, E. V. The circular saw for cutting plants. Queensland. Bur. Sugar Expt. Sta. Cane Growers' Q. B. 15:95-99. Jan.1,1952. 65.9 Q3C

69231 HUNT, A. F. Binders and combines in the East Midlands. Nottingham U. Dept. Agr. Econ. Farm Mgt. Notes 7:16-17. Spring 1952. 281.9 N842

69232 JÖRSS, R. MAS-kollektiv Zehna (Mecklenburg) wird für verbesserungsvorschlag am aktivistentage 1951 ausgezeichnet. Deut. Agrartech. 1:365. Dec.1951. 58.8 D482
Combines.

69233 KAYSER, E. Fortschritte in der heubehandlung. Tech. f. Bauern u. Gärt. Ausg. A 4:34-35. Jan.25, 1952. 58.8 T223

69234 MAUCH, A. Der umbau des mähbalkens bei unseren vordermähern. Obstbauversring. Mitt. 7:32-34. Feb.1952. 85 J76

69235 MITCHELL, F. S., and SHEPPERSON, G. Good quality hay with the baler. Farmers Wk. [London] 36(23):48-49. June 6,1952. 10 F2226

69236 MOENS, A. Mechanization of the sugar beet harvest. (In Dutch.) Nieuwe Veldbode 532-534. Nieuwe Veldbode 18:532-534. May 1,1952. 12 V542N

69237 MÜLLER, G. Heuernte ohne handarbeit. Württemb. Wchnbl. f. Landwirt. 119:427-428. May 10, 1952. 18 W96
Mechanization.

69238 ONUCHAK, A. I., and ZHUKOVSKII, N. P. Testing the AM-3 peanut picking machine. (In Russian.) Sel'khozmashina 10:13-14. Oct.1951. 58.8 Se42

69239 PEDERSEN, T. Facts to be considered in combine threshing. (In Danish.) Tolvmandsbladet 24: 130,135-136. May 1952. 11 T58

69240 POZZI, E. The mechanized reaper "B.C.S." (In Italian.) Macch. e Motori Agr. 10:365-373. Apr.1952. 58.8 M13

69241 PRADERVAND, M. Einige betrachtungen über die vor- und nachteile des mähdreschers. Grüne 80:577-579. May 23,1952. 17 Sch9

69242 RAMSAY, H. S. Bale handling improvisation. Farm Mech. 4:218. June 1952. 58.8 B772

69243 RIES, L. W. Die mechanisierung der heuernte. Landwirt. Wchnbl. 142:469. Apr.26,1952. 18 L2338

69244 THYER, J. E. Early Australian inventions: the reaper-thrasher and the stripper. Power Farming Austral. & New Zeal. 61(3):11,110. Mar.1952. 58.8 P87

69245 VAN SYK, S. P. The use of maize-reaping machines. Farming So. Africa 27:254-258. Apr.1952. 24 So842

69246 WAGNER, S. Die verwendung des mähdreschers in der Schweiz. Grüne 80:570-577. May 23, 1952. 17 Sch9

69247 WARBURTON, J. R. What is wrong with the combine? Power Farmer 8:196-198. June 1952. 58.8 P872

69248 ZIABLOV, V. A. On the operation of silage combines in 1951. (In Russian.) Sel'khozmashina 12:17-19. Dec.1951. 58.8 Se42

Land Clearing Equipment

69249 BÉGIN, H. A l'assaut des terres nouvelles. Ferme 13(9):40. May 1952. 7 F38
Land clearing equipment.

69250 KIME, O. L. Beating the purple sage. Reclam. Era 38:109-111. May 1952. 156.84 R24
Land clearing equipment.

69251 MAYEUX, M., and MCKEAN, A. S. Land clearing tools and methods. La. Agr. Col. Ext. P. 1116,14 p. Apr.1952. 275.29 L93Ep

Processing Equipment Used on the Farm

69252 ARCHIBALD, J. G., and others. Hay curing. Mass. Agr. Expt. Sta. B. 464,30 p. Mar.1952. 100 M38H
M. L. Blaisdell, E. F. Cox, and H. N. Stapleton, joint authors.

69253 BAKER, V. H., CANNON, B. M., and STANLEY, J. M. A continous drying process for peanuts. Agr. Engin. 33:351-356. Ref. June 1952. 58.8 Ag83

69254 BINDER, F. Dreschmaschine in ruhe. Dreschen u. Pflügen 7(2):2-3. Feb.15,1952. 58.8 D81

69255 BINDER, F. Gerüsttrocknung-ein notbehelf? Landwirt. Wchnbl. 142:466,468. Apr.26,1952. 18 L2338

69256 BOCKSTIEGEL, H. Selbst gebauter selbsteinleger für häckselanlagen. Tech. f. Bauern u. Gärt. Ausg. A 4:37-38. Jan.25,1952. 58.8 T223

69257 BRITISH ELECTRICAL AND ALLIED INDUSTRIES. RESEARCH ASSOCIATION. Some notes on the design, testing, and performance of an all-electric in-sack grain dryer. Leatherhead,Surrey,1951. 12 p. (Technical Report [Reference] IB/T5) 335 B77S

69258 CALHOUN, J. L., and BAKER, V. H. You can dry baled hay. Country Gentleman 122(6):25,60. June 1952. 6 C833
Equipment is described.

69259 CONNOLLY, C. Farmers report on hay crushers. Successful Farming 50(6):46-47,134-135. June 1952. 6 Su12

69260 DENMARK. STATENS FORSØGSMEJERI. Afprovning af Silkeborg Stassanopapparat, type STT Silkeborg pladepasteur, type SVNA 02 [Testing of Silkeborg Stassano plant, model STT and Silkeborg plate pasteurizer, model SVNA 2]. København,1952. 54 p. 44.9 D414

69261 EXEL, E. Der fahrbare schwedenreuter. Bauer 5(20):3-4. May 24,1952. 19 B32

69262 FARMER, S. Clean grain means bigger yields. Power Farmer 8:210-212. June 1952. 58.8 P872
Equipment.

69263 FARMER, S. Experience with a dual-purpose drier. Power Farmer 8:199-201. June 1952. 58.8 P872

69264 GAUL. Frühzeitige heuernte durch anwendung von schnurreutern. Bad. Landwirt. Wchnbl. 119:358-359. May 24,1952. 18 B142

69265 GIESE, W. Künstliche grünfuttertrocknung. Deut. Agrartech. 1:297-301. Oct.1951. 58.8 D482

69266 GLADKOV, A. V., and OKUNEV, V. M. Hay balers. (In Russian.) Sel'khozmashina 12:13-16. Dec. 1951. 58.8 Se42

69267 GOETZ, K. Der "ohne-mann"-drusch. Tech. f. Bauern u. Gärt. Ausg. A 4:75-76. Feb.25,1952. 58.8 T223

69268 HART, D. H. Barn curing chopped hay. Holstein-Friesian J. 15(3):18-19. June 1952. 43.8 H743

69269 JAKOB, R. Mit der dreschmaschine in der Türkei. Dreschen u. Pflügen 7(2):3-5. Feb.15,1952. 58.8 D81

69270 KOLYSHEV, P. Grass and legume seed cleaning. (In Russian.) Tekhsovety MTS 12(31/32):7-11. 1951. 58.8 T233
Equipment.

69271 KOSMACK, K. Neuzeitliche kleesamengewinnung. Deut. Agrartech. 1;314-315. Oct.1951. 58.8 D482

69272 MAZEPY, N. Mechanization of the hard-work processes in animal industry with a locomobile as a starting point. (In Russian.) Kolkhoz. Proizvodstvo 12 (4):43-45. Apr.1952. 281.8 K83
Feed preparation chiefly.

69273 MOROZ, V. K. Universal UPKH-1,5 field cotton cleaner. (In Russian.) Sel'khozmashina 10:6-7. Oct.1951. 58.8 Se42

69274 PATRUSHEV, I. M. Result of mechanization of work in feed preparation. (In Russian.) Dostizhenia Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1:47-49. Jan. 1952. 20 D742

69275 PFEIFFER, W. Rationelles dreschen im bäuerlichen familienbetrieb. Tech. f. Bauern u. Gärt. Ausg. A 4:82-83. Feb.25,1952. 58.8 T223

69276 RUDE. Ein wort zum schwedenreuter. Württemb. Wchnbl. f. Landwirt. 119:428-429. May 10,1952. 18 W96

69277 SCHULZ, G. Was bringt die technische messe 1952 Hannover für die milchwirtschaft? Deut. Molk-Ztg. 73:496-499. Apr.25,1952. 44.8 Su2
Equipment.

69278 SOKOLOV, A. F. Hay baling. (In Russian.) Sel'khozmashina 12:16-17. Dec.1951. 58.8 Se42

69279 URBAN, H. Betriebseigenes kraft- und berkaufsfutter. Landwirt. Wchnbl. 142:472-473. Apr. 26,1952. 18 L2338
Equipment for artificial drying and costs.

69280 VICTOR. Die körnerleistung bei dreschmaschinen. Dreschen u. Pflügen 6(2):4-6. Feb.15,1951. 58.8 D81

69281 VORONOV, P. A pneumatic grain-board [for airing grain]. (In Russian.) Tekhsovety MTS 12(31/32): 1-6. 1951. 58.8 T233

69282 WEDEL, O. Eine neuheit im dreschmaschinenbau. Dreschen u. Pflügen 6:6-7. Jan.15,1951. 58.8 D81

69283 WILSON, A. S. B. Hay on legs. Farmers Wk. [London] 36(20):57,59. May 16,1952. 10 F2226
A pole device to serve as a core for a hay stack.

Repair, Maintenance, and Construction Equipment

69284 BRICKWOOD, H. Welding. 2. Treatment of difficult metals. Power Farmer 8:225-226. June 1952. 58.8 P872

69285 CODD, A. H. Electrify your farm workshop. Grower [Adelaide] 6(8):20. Feb.1952. 80 G912
A floor plan is given.

69286 KNEUSE, C. Ersatzteilkunde - eine geheimlehre. Deut. Agrartech. 1:313-314. Oct.1951. 58.8 D482

69287 KNIGHT, W. H. Electric farm welders. Idaho. Agr. Col. Ext. Farm Electrif. L. 14,4 p. June 1,1951. 275.29 Id13Fa

69288 NEVES, A. A. Considerations on the oiling of agricultural equipment. (In Portuguese.) Sitios e Fazendas 18(4):11-14. Apr.1952. 9.2 Si8

69289 SEXTON, J. E. It's good business to encourage preventive maintenance. Impl. Rec. 49(6):58-60. May 1952. 58.8 Im73

69290 SINCLAIR REFINING CO. Sinclair farm and home book; guide to better lubrication. n.p.,1951. 64 p. 30.3 Si6Si
Includes equipment, maintenance and repair.

Spraying and Dusting Equipment

69291 ANDERSON, E. D. Once over lightly. Pop. Gard. [Albany] 3(6):30,64-65. June 1952. 80 P812
Sprayers.

69292 BATES, G. Some notes an home-made boom sprays in north Queensland. Queensland. Bur. Sugar Expt. Sta. Cane Growers' Q. B. 15:83-88. Jan.1,1952. 65.9 Q3C

69293 BOWEN, H. D., HEBBLETHWAITE, P., and CARLETON, W. M. Application of electrostatic charging to the deposition of insecticides and fungicides on plant surfaces. Agr. Engin. 33:347-350. June 1952. 58.8 Ag83

69294 CUNNINGHAM, R. H. A self-propelled herbicide sprayer for experimental plots. Sci. Agr. 32:285-288. May 1952. 7 Sci2

69295 FAIRBANKS, G. E. Important points in the selection and operation of weed spraying equipment. In Kansas. Board of Agriculture. Weed handbook, p.8-11. Topeka,1951. 2 K13Re

69296 FAIRBANKS, G. E. Spraying equipment for weed control. Kans. State Col. Engin. Expt. Sta. B. 66, 53 p. Ref. May 1,1952. 290.9 K132

69297 GARMAN, P. Efficiency of various orchard spray machines. J. Econ. Ent. 45:345-346. Apr.1952. 421 J822

69298 GOOSSEN. Neues und bewährtes bei pflanzenschutzgeräten. Deut. Landwirt. Gesell. Mitt. 67:361-362. May 17,1952. 18 N39

69299 HOARE, E. R. The world spraying problem. Farm Mech. 4:240-243. June 1952. 58.8 B772

69300 KAHL, E. Die bedienung und wartung von pflanzenschutzgeräten. Pflanzenarzt 5(5):6. (Cont.) May 1,1952. 464.9 P482

69301 KNUST, H. G. Farm-made boom sprays in southern Queensland. Queensland. Bur. Sugar Expt. Sta. Cane Growers' Q. B. 15:80-83. Jan.1,1952. 65.9 Q3C

69302 LATTNER, E. J. Tractor spray gun, a modern Cinderella. Farm Impl. News 73(10):46,83. May 25,1952. 58.8 F22

69303 LAURO, B. DI. Italian multiple-purpose sprayers for a better technique in controlling plant diseases. (In Italian) Macch. e Motori Agr. 10:379-381. Apr.1952. 58.8 M13

69304 MECHANISIERTE schädlingsbekämpfung. Landmasch.-Markt 30(18):6-8. Sept.8,1951. 58.8 L239
Sprayers.

Vehicles

69305 AARSTØL, T. An excellent universal tool. (In Norwegian.) Gartneryrket 42:289-290. Apr.19,1952. 80 G1938
The Agria tractor.

69306 ALMEIDA LEME, H. DE. Conservación de tractores. Hacienda 47(5):56,58,88. June 1952. 6 H11

69307 ANDERSSON, Y., and BJERNINGER, S. Gauge, wheels, nave and axel pivot of agricultural wagons; proposal for Swedish standard. (In Swedish.) Lantmannen 36:347-348. May 3,1952. 11 L234

69308 BABUK, V., and others. Repair and assembling of crankgear to DT-54 tractor engine. (In Russian.) Tekhsovety MTS 13(1/2):1-16. Jan.1952. 58.8 T233
A. Kalashnikov, F. Maksimchuk, and G. Samsonenko, joint authors.

69309 BARATTE, J. Réflexions sur les véhicules de transport en agriculture. Motorisation Agr. 7:89,91. Feb.1952. 58.8 M85

69310 BARKER, H. F. Tractors on farms in the East Midlands. Nottingham U. Dept. Agr. Econ. Farm Mgt. Notes 7:15-16. Spring 1952. 281.9 N842

69311 BEGHI, P. M. Tractors in the world (and the situation in Italy). (In Italian.) Mondo Econ. 7(18):4. May 3,1952. 280.8 M742

69312 BELGIUM. STATION DE GÊNIE RURAL DE L'ETAT. Essai d'un dispositif augmentant l'adhérence des tracteurs agricoles. Rev. de l'Agr. 5:121-124. Feb. 1952. 13 R322
English summary.

69313 BJERNINGER, S., and PETTERSSON, A. Remember the brakes for tractor vehicles. (In Swedish.) Lantmannen 36:325-328. (Cont.) Apr.26,1952. 11 L234

69314 BROSHEER, B. C. Big bends make farm-loader booms. Amer. Mach. 96(12):108-109. June 23, 1952. 297.8 Am3
Curved booms on tractor loading attachments.

69315 BUIANOV, A. Assembly line method of tractor repair. (In Russian.) Tekhsovety MTS 12(41/42):1-14. Nov.1951. 58.8 T233

69316 CAMMARDELLI, E. Table of weight of tractors used in rice culture in Rio Grande do Sul. (In Portuguese.) Lav. Arroz. 6(62):38. Feb.1952. 59.8 L39

69317 CARLETON, W. M. LP-gas for farm tractors. Mich. State Col. Agr. Ext. Folder 164,10 p. Jan.1952. 275.29 M58

69318 COELHO DE SOUZA, L. A. Tires for agricultural machines. (In Portuguese.) Lav. Arroz. 5(60):83-84,86. Dec.1951. 59.8 L39

69319 CORRÊA, A. A. M. Care of tractors. (In Portuguese.) Lav. Arroz. 6(63):45-46. Mar.1952. 59.8 L39

69320 COUTIAUX, P. Le contrôle hydraulique à distance des machines agricoles. Motorisation Agr. 7:60-64,67. Feb.1952. 58.8 M85

69321 CRADOCK, T. H. When a tractor lacks power. Farm Mech. 4:219-222. (Cont.) June 1952. 58.8 B772

69322 CRAIG, R. Farm tractor safety. Dairyland News 22(5):2,8. May 1952. 280.28 W752

69323 ENGELHARD, J. Conception française du petit tracteur à moteur arriere. Rustica 25:478. May 18,1952. 14 R92

69324 EY, R. Hydraulik, frontlader und gitterrad vollbringen wunder! Tech. f. Bauern u. Gärt. Ausg. G 4: 55-56. Feb.10,1952. 58.8 T223G

69325 FRANKE, R. Der schlepper und sein gerät. Deut. Landwirt. Gesell. Mitt. 67:345-347. May 17,1952. 18 N39

69326 FRASER, A. The tractor clutch and brake. (Extr.) Power Farming Austral. & New Zeal. 61(3):41, 43. Mar.1952. 58.8 P87

69327 FRESE. Nachbearbeitungsgeräte für den schlepperbetrieb. Tech. f. Bauern u. Gärt. Ausg. A 4:73-75. Feb.25,1952. 58.8 T223

69328 GENTNER, H. Das schlepperproblem. Landwirt. Wchnbl. 142:554. May 17,1952. 18 L2338

69329 GRAMOLINI, M. Tractor and soil preparation. (In Italian.) Agr. Molisana 3(5):1. May 1952. 16 Ag8267

69330 HAMBLIN, H. J. Hydraulic propulsion. Farm Mech. 4:229-230. June 1952. 58.8 B772

69331 HEITSHU, D. C. The kinematics of tractor hitches. Agr. Engin. 33:343-346,356. June 1952. 58.8 Ag83

69332 HISSERICH, H. Wie beurteilen entwickler die weitere entwicklung? Landmasch.-Rundschau 4:26-27. Feb.1952. 58.8 L237
Tractors.

69333 HISSERICH, H. Zur ehrenrettung der raupe. Landmasch.-Rundschau 4:51. Mar.1952. 58.8 L237

69334 HOHENER, H. Zwei jahre praktische erfahrungen in der anwendung des helikopters bei der chemischen schädlingsbekämpfung in der Schweiz. Schweiz. Landwirt. Monatsh. 5:165-179. May 20,1952. 17 Sch93

69335 HOLMSTROM, S. Farm tractor purchase during 1951. (In Swedish.) Lantmannen 36:369-371. May 10,1952. 11 L234

69336 HOWELL, R. E. Carburation. Ark. Farmer 54(6):8. June 1952. 6 Ar42
Converting tractors to L-P gasoline.

69337 ILLNER, O. La producción de tractores y la mecanización rural europea. Mundo Agr. 4(36):104. May 1952. 9 M92

69338 JANTE, A. Zur entwurfsplanung von ackerschleppern. Diagramme für ackerschlepper. Deut. Agrartech. 1:340-345,351. Nov.1951. 58.8 D482

69339 KALVERKAMP, U. D. Tractor utlization in spring activities. (In Dutch.) Nieuwe Veldbode 18:504-505. Apr.24,1952. 12 V542N

69340 KLIEFOTH, F. Die schlepperräder rutschen. Dreschen u. Pflügen 6(12):6-7. Dec.15,1951. 58.8 D81

69341 KOSWIG, M. Gerätekopplung und zwischenfruchtanbau. Deut. Agrartech. 1:294-296. Oct.1951. 58.8 D482

69342 KRIEBEL. Neue verkehrsbestimmungen beachten! Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 563. Apr.10,1952. 18 L2346
Regulations for operating tractors and farm vehicles.

69343 LACOMBE, R. Les transports viticoles. Motorisation Agr. 7:95,97,99. Feb.1952. 58.8 M85

69344 LEHMANN, E. W. Agricultural aviation. Agr. Engin. 33:360. June 1952. 58.8 Ag83

69345 LENGSFELD, J. Erleichterung der transpo. arbeit; fortschritte im ackerwagenbau. Deut. Landwirt. Gesell. Mitt. 67:355-357. May 17,1952. 18 N39

69346 LENGSFELD, J. Der luftbereifte ackerwagen erleichtert den hackfruchtbau. Kartoffelbau 2:246-249. Dec.1951. 75.8 K145

69347 LENGSFELD, J. Sicherheit im strassenverkehr. Landwirt. Z. der Nord-Rheinprov. 119:453. May 3,1952. 18 L2344
Regulations for operation of tractors and others agricultural vehicles.

69348 LETTIERI, N. The helicopter in pest control. (In Italian.) Terra e Sole 117:157-159. May 1952. 16 T273
Spraying for diseases, insects, and weeds.

69349 LONNEMARK, H. The tractor work. (In Swedish.) Lantmannen 36:343-345. May 3,1952. 11 L234

69350 LUBKOV, A., and BOBROV, N. Motor truck dumper of L. M. Frolov's construction. (In Russian.) Tekhsovety MTS 13(15/16):1-16. Apr.1952. 58.8 T233
For transportation of farm products.

69351 MENDES, F. S. Costs for tractors in the Rice Experimental Station. (In Portuguese.) Lav. Arroz. 5 (60):43-44,46-47. Dec.1951. 59.8 L39

69352 MIGNOTTE, F. A propos du choix d'un tracteur. Agriculture [Paris] 16:107-108. Apr.1952. 14 Ag823

69353 MOREL, R. Le porte-outils motorisé Lanz. Motorisation Agr. 7:67,69. Feb.1952. 58.8 M85

69354 MUKHIN, A. Peculiarities of tractor utilization during the cold time of the year. (In Russian.) Tekhsovety MTS 12(41/42):15-16. Nov.1951. 58.8 T233

69355 PETERSEN. Einsatzmöglichkeiten des kriechganges in der landwirtschaft. Landmasch.-Markt 30(18):16. Sept.8,1951. 58.8 L239

69356 REBER, N. F. Custom air service is on the increase in Pennsylvania. It saves labor and crops and boosts profits. Pa. Farmer 146:452-453,497. May 24, 1952. 6 P383

69357 REYNOLDS, P. A. Save money this way. Three-year plan for trouble-free running. Nurseryman & Seedsman 114:1234-1235. Apr.24,1952. 80 N933
Tractor maintenance.

69358 REYNOLDS, P. A. Tractor fires can be dangerous. Nurseryman & Seedsman 114:792-793. Mar. 13,1952. 80 N933

69359 ROWSELL, J. Whether a tractor is for a large or small farm, it must be the right size for the job. Farmers Wk. [London] 36(24):61. June 13,1952. 10 F2226

69360 SCHMIDT, G. Der höhenstellbare schwingrahmen am Normag-schlepper. Übersicht 3(4):105-108. Apr.1952. 18 Ub3

69361 SCHULZE, K. Durch den geräteträger zur rationellen produktion. Landmasch.-Rundschau 4:52-54. Mar.1952. 58.8 L237

69362 SHAND, J. W. Aircraft's role in food production. New Zeal. Farmer 73(3):14-15. Apr.10,1952. 23 N484
Australia.

69363 SHARP, R. M. Fuels for defense production in agriculture. (Abs.) Agr. Engin. 33:364. June 1952. 58.8 Ag83

69364 SMITH, J. M. L. P. gas for farm tractors. Farm Q. 7(2):68-69,124-126. Summer 1952. 6 F22995

69365 STENSTROM, L. Every third farm of less than 20 hectare has tractor. (In Swedish.) Lantmannen 36: 430,432. May 31,1952. 11 L234

69366 TORAZZI, F. Some ideas on coupling a tractor plow. (In Italian) Macch. e Motori Agr. 10:347-359. Apr. 1952. 58.8 M13

69367 UOTILA, P. J. Tractor trailer for estates. (In Finnish.) Teho 2/3:75-76. 1952. 20 T98
English summary, p. 118.

69368 VOGEL, S. L. Your tractor, chills—fever? Dakota Farmer 72(2):20. Jan.19,1952. 6 D14

69369 WEICK, F. E. Development of an agricultural airplane. Agr. Engin. 33:361-364. June 1952. 58.8 Ag83

FARM STRUCTURES AND RURAL HOUSING

69370 BUSINESS OF FARMING. Yearbook for 1951; harvest of farm building ideas. Chicago, U. S. Gypsum, 1952. various pagings. 296.8 H26

69371 OLSEN, K. H. Zur frage des umbaus von wirtschaftshöfen. Übersicht 3(4):33-37. Apr.1952. 18 Ub3
Planning of farm buildings in Germany.

69372 PETIT, C. Les bâtiments ruraux ne doivent-ils pas, eux aussi, être améliorés? Sillon Belge 22(509): 1,3. May 17,1952. 13 S13
Construction.

69373 SALTER, R. G. Modern farm buildings. VI. Various buildings and conservation of manure. Land Agents' Soc. J. 51:146-149. Apr.1952. 282.9 L22

69374 SOREMBE, J. Schützt das heim durch pflege der gebäude! Tech. f. Bauern u. Gärt. Ausg. A 4:40. Jan.25,1952. 58.8 T223

69375 WALTON, H. V. Planning to paint? Hoard's Dairyman 97:507,522. June 10,1952. 44.8 H65

Animal Shelters and Animal Service Buildings

69376 AAGAARD, J. Better light in our barns. (In Danish.) Dansk Landbr. 71:240-241. May 22,1952. 280.28 V91

69377 ANOKHIN, A. Clay construction on collective farms. (In Russian.) Kolkhoz. Proizvodstvo 12(4):47-48. Apr.1952. 281.8 K83
Livestock housing.

69378 BANDINI, N. The window of the "Chianina" stable in fortified cement. (In Italian.) Agr. Tosc. 7: 164-166. May 1952. 16 Ag827

69379 BEATTIE, W. A. The management of cattle stations. VI. Cattle yards. Past. Rev. 62:354-355. Apr. 16,1952. 23 Au75

69380 BRENET, G. Influence du blanchiment des étables sur la propreté de l'air et la richesse bactérienne du lait. France. Min. de l Agr. B. Tech. d'Inform. 68:245 251. Apr.1952. 14 F844B

69381 BROWN, J. C. Both broilers and layers deserve good roofing. Amer. Poultry J. 83(6):14,26. June 1952. 47.8 Am32

69382 DASHWOOD, F. Low cost pole frame construction. Canada Poultryman 39(5):9-10. May 1952. 47.8 C166

69383 DOMKE, E. Stallsanierung durch lüftung. Tech. f. Bauern u. Gärt. Ausg. A 4:129-130. (Cont.) Mar.25,1952. 58.8 T223

69384 DUNCAN, J. E. Design and construction of sheep yards. Massey Agr. Col. Sheepfarming Annu. 4:69-71,73-75,77-81,83-84. Nov.1951. 45.9 M385

69385 FLANAGAN, J. E., and CASTILLO, N. Gallinero al aire libre para pollos. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Agr. 42(195):6-7. Jan./Mar.1952. 8 R323

69386 GEARY, L. You can do a lot with an old barn. Kraftsman, Prod. Ed. 10(2):4. Summer 1952. 44.8 K85
Remodeling.

69387 GILMAN, W. A barn they drive miles to see. Farm J. 76(7):32-33. July 1952. 6 F2212

69388 GJERSØE, F. W. More on section cages for minks. (In Norwegian.) Norsk Pelsdyrbl. 26:196-198. Apr.20,1952. 412.628 N812

69389 GUSSONI, L. American research in rural construction. (In Italian.) Cent. di Studi per l'Ingegn. Agr. Mem. ed Atti 6:54-55. Sept./Oct.1951. 58.9 C33
Dairy barns.

69390 HANNAS, R. R. Laying house floor plans. Amer. Poultry J. 83(5):3,18. May 1952. 47.8 Am32

69391 HUTCHINGS, A. Portable calf bails. Queensland Agr. J. 74:211-213. Apr.1952. 23 Q33

69392 KRUEGER, W. C. Gambrel roof dairy barn. Better Farming Methods 24(6):28-29. June 1952. 58.8 B46

69393 LAMPMAN, C. E. Methods for laying house ventilation. Poultry Herald 64(6):3-6. June 1952. 47.8 P862

69394 LARSEN, C. E. Some glimpses of fur farms and other things in East-Europe. (In Swedish.) Norsk Pelsdyrbl. 26:195. Apr.20,1952. 412.628 N812
Chiefly housing in Romania.

69395 LEMAY, J. A. L'humidité dans les basses-cours. Ferme 13(4):16-17. Dec.1951. 7 F38

69396 LEVIN, B. Mechanized dairy barns in Fogdhyttan in Värmland. (In Swedish.) Lantmannen 36:366-368. May 10,1952. 11 L234

69397 MUHLICH, L. Ein holzstall für 50 hühner. Reich der Landfrau 18:140-141. May 3,1952. 18 L2347

69398 ORDOQUY, L. Les conseils á retenir aprés la du Concours Général Agricole 1952. Génie Rur. 45:167-168. May 1952. 58.8 Au8
Poultry housing.

69399 PAIEMENT, R. J. Les abris portatifs. Ferme 13(8):25-26. Apr.1952. 7 F38
For poultry.

69400 POBEDINSKII, G. Woodless construction of arched buildings on collective farms. (In Russian.) Kolkhoz. Proizvodstvo 12(4):45-47. Apr.1952. 281.8 K83
Swine house.

69401 POLLACK, E. Schweinehütten und schweineställe im bäuerlichen betrieb von 8 bis ha grösse. Deut. Agrartech. 1:307-309. Oct.1951. 58.8 D482

69402 REICHENBACH, C. Etwas über gemauerte hühnerställe. Deut. Wirtgeflügelzucht. 4:316-317. Apr. 5,1952. 47.8 D483

69403 SALTER, R. G. A study of modern farm buildings with special reference to cowsheds. Worcestershire Agr. Chron. 20:95,97,99,101,103. Feb./May 1952. 10 W892

69404 SCHMIDT, R. Die spitzhütte, ein wertvolles aufzuchtgerät. Prakt. Landwirt 6:62-63. Apr.1952. 19 P88
For chicks.

69405 SCHMIDT, R. Die spitzhütte-stall oder aufzuchtraum. Geflügelhof 15:251-252. Apr.18,1952. 47.8 G276
For poultry.

69406 SCHRÖDER-STRANZ, H. Sonne und luft im laufstall! Tech. f. Bauern u. Gärt. Ausg. A 4:130-132. Mar.25,1952. 58.8 T223

69407 SOREMBE, J. Einfache stall- und kellertüren—falsch und richtig. Tierzüchter 4:224. May 5, 1952. 49 T445

69408 SPIRIDONOV, A. L. Zhivotnovodcheskie postroĭki [Buildings for livestock housing]. Moskva,Gos. Izd-vo Selkhoz Lit-ry,1951. 63 p. (Trëkhletnie Agrozootekhnicheskie Kursy. 1st Year of Study) 296.2 Sp4

69409 WICKOP, W. Hangschauer; ein vorschlag, den man beim bau neuer scheunen und stallgebäude berücksichtigen sollte. Übersicht 3(3):36-40. Mar.1952. 18 Ub3

69410 WITZEL, S. A. Loose housing for dairy cattle. Milk Indus. Found. Conv. Proc. (1951) 44(5):62-66. 1952. 44.9 In8

Farmhouses and Farmsteads

69411 BOBERSKI, E. Das genossenschaftliche bildungswesen. Prakt. Landwirt 6:59-60. Apr.1952. 19 P88
Austria.

69412 BOCCIANTI, C. A house for man in perfect harmony with the natural environment, architecture and the needs of farm labor. (In Italian.) Agricoltura 1(2): 29-32. Feb.1952. 16 Ag8226
Italy.

69413 CANNON, G. A home for a farmer. Westralian Farmers Co-op Gaz. 22:169-171,173-174. Mar. 1952. 280.28 W522

69414 DEVILLE, J. Transformations de maisons. Rustica 25:414. May 4,1952. 14 R92
Farmhouses.

69415 DICKINS, D. Housing of farm-owner-operator families in the Mississippi Lower Coastal area. Miss. Agr. Expt. Sta. B. 490,28 p. Mar.1952. 100 M69

69416 SPRAGUE, G. N. Combine a home with shed or shop for economy. Country Gentleman 122(6):92. June 1952. 6 C833
The floor plan is given.

69417 TINLEY, H. L. Thar she blows. Capper's Farmer 63(6):25,81. June 1952. 6 M693
Protect farm buildings by proper construction.

69418 U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. Easy-to-build kitchen cabinets for the remodeled farmhouse. U. S. D. A. Home & Gard. B. 18,23 p. 1952. 1 Ag84Hg
Formerly Miscellaneous Publication 680.

69419 VANDERSMISSEN, J. H. Repérage des gîtes agricoles en vue de l'instauration du paysannat indigène au Katanga. Cour. Agr. 17(8):2. Apr.16,1952. 24 C83

69420 WASHINGTON. AGRICULTURAL EXPERIMENT STATION. A four-step growing house. Wash. Agr. Expt. Sta. C. 192,8 p.-folder. May 1952. 100 W27S

69421 WATSON, D. Caravans solve the problem. Farmer & Stock-Breeder 66(3266):55. May 27,1952. 10 F228
A Lincolnshire enterprise is using trailers to meet the housing shortage.

69422 WILLIAMS, C. F., and BELL, M. Construction plans for a step-saving U kitchen. Ark. Agr. Col. Ext. Misc. P. 36,11 p. June 1951. 275.29 Ar4Mi

Greenhouses and Plant Service Buildings

69423 BEATTIE, J. H. Greenhouse construction and heating. U. S. D. A. Farmers' B. 1318,slightly rev.,38 p. Apr.1952. 1 Ag84F

69424 CLAYDON, E. C. Electric soil warming; economical application to cold glasshouses. Elect. Rev. 150:1137-1138. May 23,1952. 335.8 EL22

69425 FEHLANDT, P. R. An automatic ventilating device. Amer. Orchid Soc. B. 21:309-312. Apr.1952. 80 Am329

69426 FISHER, R. B. General Washington's greenhouse. Horticulture 30:236-237,254. June 1952. 80 H787

69427 GRAY, A. Electricity and horticulture. IV. Soil warming for propagation (application). Gard. Chron. 131: 198-199. June 7,1952. 80 G162
In greenhouses.

69428 JAIVENOIS, A. D'un nouveau procédé de montage de coffres aux Azalées suisses. B. Hort. (n.s.)7: 44-45. Feb.1,1952. 80 B873

69429 MARX, M. Gewächshausbau. Deut. Agrartech. 1:324-327. Nov.1951. 58.8 D482

69430 MAZZARELLA, P. The warmth of the Mediterranean has been created in greenhouses. (In Italian.) Agricoltura 1(4):61-65. Apr.1952. 16 Ag8226
Fruit and vegetable production in the Netherlands.

69431 ROISTACHER, C. N. Methods used in sterilizing nursery flats. Pacific Coast Nurseryman 11(5):17, 34-36. May 1952. 80 P116

69432 SWANSON, J. N. Early start with hotkaps. Pop. Gard. [Albany] 3(3):14-15. Mar.1952. 80 P812

69433 U. S. BUR. OF PLANT INDUSTRY, SOILS AND AGRICULTURAL ENGINEERING. A portable propagating case for greenhouse benches, by J. L. Creech. Beltsville,1952. 2 p. 1.965 A2P83

Materials and Methods

69434 EAKIN, W. E. Insulating glass for dairy farms. Certif. Milk 27(5):14,16. May 1952. 44.8 C33

69435 HOLDEN, T. S., and GREENLAND, J. J. The coefficient of solar absorptivity and low temperature emissivity of various materials: a review of the literature. Melbourne,1951. 25 p. (Australia. Commonwealth Scientific and Industrial Research Organization. Division of Building Research Report R.6) 334 H71

69436 LLOYD, M. C. Twelve special paints to make farm living easier. Farm Q. 7(2):80-83,96-97. Summer 1952. 6 F22995

69437 OSTALE, E. Vuelve el adobe. Ceres [Valladolid] 17(191):19. May 1,1952. 15 C33

Storage Structures

69438 AHRER, K. Beihilfen und darlehen für silobauten. Bauer 5(20):5. May 24,1952. 19 B32

69439 BARR, H. T. Anhydrous ammonia equipment. La. Agr. Expt. Sta. B. 462,46 p. Ref. Feb.1952. 100 L93
Storage tanks and transport equipment.

69440 BERNFUS, E. Die verhütung der getreideentmischung bei der siloentleerung. Verssta. f. das Gärungsgewerbe. Mitt. 6:42-43. Mar./Apr.1952. 390.08 V67

69441 DIEDERICHS, H. Hochsilo—einfach und billig. Deut. Landwirt. Presse 75:128. May 17,1952. 18 D482

69442 FOSTER, P. W. A drying shed for herbs. Herb Grower Mag. 6(1):12-15. Jan./Mar.1952. 80 Am316

69443 GOETZ, K. Der häckselhof in um- und neubau. Tech. f. Bauern u. Gärt. Ausg. A 4:39-40. Jan.25,1952. 58.8 T223

69444 HAYLES, W. A. Pitfalls of bale stacking. Farmer & Stock-Breeder 66(3267):52-53. June 3,1952. 10 F228

69445 HECKL, R. Serienschalung verbilligt den behälterbau! Kärntner Bauer 102(15/16):238-241. Apr.12,1952. 19 K14
Manure and storage pits.

69446 HEINZEL, A. Grundsätzliches zum bau von jauchegruben. Kärntner Bauer 102(15/16):235-238. Apr.12,1952. 19 K14

69447 HODGES, L. H. Where to store your grass silage. Hoard's Dairyman 97:465,485. May 25,1952. 44.8 H65
Silo types.

69448 HORAK, K. Landwirte, pflegt und schützt eure gärfutterbehälter! Landwirtschaft 9/10:152-153. May 1952. 19 L235

69449 MYRICK, W. T. Bin construction for receiving bulk feed. Hatchery & Feed 26(6):12-15. June 1952. 47.8 H28

69450 OLSON, E. A. Are your grain bins ready? Nebr. Farmer 94(11):8. June 7,1952. 6 N27

69451 OTTO, H. I. Der elektroweidezaun im mähweidebetrieb. Landwirt. Wchnbl. 142:473. Apr.26, 1952. 18 L2338

69452 PEREZ QUINTANO, J. Depósitos para líquidos su cálculo y construcción. Spain. Inst. Nac. de Colon. Ser. Téc. I. Constr. 1,106 p. 290.9 Sp1

69453 PETERSON, K. D. Growers build storage. Ohio Farm Bur. News 31(11):8-9. June 1952. 6 Oh34
Grain elevators.

69454 PRIETO BOLIVAR, J. Fosas para producción de abono orgánico. III. Agr. Trop. 8(4):33-38. Apr.1952. 26 Ag8

69455 REISSMANN, H. Der Pillnitzer "gärkartoffeltopf." Deut. Agrartech. 1:304-305. Oct.1951. 58.8 D482

69456 SCHOBER, K. Der bau von maisreuschen. Landwirtschaft 9/10:151-152. May 1952. 19 L235

69457 WESTERGREN, S. Cold storage buildings for fur animal feed. II. (In Swedish.) Våra Pälsdjur 23:103-108. Apr.15,1952. 410 V42

69458 WILLIAMS, G. From barn to bin; how an old barn was converted for modern grain storage. Farmer & Stock-Breeder 66(3267):54-55. June 3,1952. 10 F228

Walls and Fences

69459 CLEMENTS, P. S. The electric fowl hurdle. Fruit-Grower 2945:1045. June 5,1952. 80 F941

69460 GIMENEZ VALIENTE, I. La electricidad en el campo; alambrado eléctrico. Chacra 22(258):58. May 1952. 9 C34

69461 KAYSER, E. Umzäunungen. Landmasch.-Markt 30(18):5-6. Sept.8,1951. 58.8 L239

69462 KNOWLES, F. L. Advantages of rationed grazing—types of electric fence. Massey Agr. Col. Dairy-farming Annu. 4:95-100. Nov.1951. 44.9 M382
Includes discussion.

69463 MACRAE, L. Some mighty fine fences! Better Homes & Gard. 30(6):68-69,133-134. June 1952. 80 F9424

69464 MILES, A. D. Electric fencing practice permits dual operation, full range use. Mont. Farmer-Stockman 39(16):1. Apr.15,1952. 6 M764

69465 WILSON, G. S. Hunter fencing. Massey Agr. Col. Sheepfarming Annu. 4:171-178. Nov.1951. 45.9 M385

FARM UTILITIES

Electricity and Electrification

69466 BEVIS, R. Toute l'électricité doit être prévue. Ferme 13(9):12-13,98. May 1952. 7 F38

69467 ETIENNE, P. Sur quelques aspects des possibilites electriques de developper les ventes d'energie pour les usages domestiques. Génie Rur. 45:161-164. May 1952. 58.8 Au8

69468 GORI, G. The electrification of Bologna-Venezia. (In Italian.) Lab. di Polit. Econ. di Ca' Foscari. Serv. di Studi Econ. B. 6:10-14. 1952. 280.9 V553

69469 HARVEY, R. G. Demonstrating electrical improvement on the farm. Farm Electrif. 6(3):9-10. May/June 1952. 335.8 F224
Proper wiring.

69470 HIENTON, T. E. Farm electrification research. Elect. Farm Mag. 25(6):7-10. June/July 1952. 335.8 EL27
New farm uses.

69471 KNIGHT, W. H. Adequate interior wiring. Idaho. Agr. Col. Ext. Farm Electrif. L. 16,4 p. Dec.1951. 275.29 Id13Fa

69472 KNIGHT, W. H. Idaho's 4-H farm electrification. Idaho. Agr. Col. Ext. Farm Electrif. L. 13,4 p. Feb.1951. 275.29 Id13Fa

69473 LODWICK, E. D. Cooperation with the Future Farmers of America. Farm Electrif. 6(3):14,16. May/June 1952. 335.8 F224

69474 LOUISIANA. STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE. DIV. OF AGRICULTURAL EXTENSION. 1st annual 4-H farm and home electric program for Louisiana. La. Agr. Col. Ext. P. 1088,8 p.-folder. Feb.1951. 275.29 L93Ep

69475 NORTH OF SCOTLAND HYDRO-ELECTRIC BOARD. Report and accounts, 1st January 1951 to 31st December 1951. Edinburgh,1952. 57 p. 335.9 N813
Includes data on farm electrification.

69476 PIACENTINI, R. Rural electrification at Lodi and an interesting application. (In Italian.) Cent. di Studi per l'Ingegn. Agr. Mem. ed Atti 6:50-52. Sept./Oct.1951. 58.9 C33

69477 SEVERANCE, C. E., comp. Record book, farm and home electric program. La. Agr. Col. Ext. P. 1114, 16 p. Jan.1952. 275.29 L93Ep
4-H Club records.

69478 U. S. RURAL ELECTRIFICATION ADMIN. Electric farming campaign and what it means to rural electric systems. Washington,1952. 2 p. 1.933 EL244

69479 U. S. RURAL ELECTRIFICATION ADMIN. The electric farming campaign: what it is all about. Washington,1952. 2 p. 1.933 EL243

69480 U. S. RURAL ELECTRIFICATION ADMIN. Electricity pays its way in the rural home, by L. Mamer. Washington,1952. 29 p. 1.933 EL245

69481 U. S. RURAL ELECTRIFICATION ADMIN. Productive electric applications to help meet national goals, by D. W. Teare. Washington,1952. 5 p. 1.933 P9427

69482 U. S. RURAL ELECTRIFICATION ADMIN. Rural electrification, a vital defense resource. Washington,1951. 20 p. 1.933 R8833

69483 U. S. RURAL ELECTRIFICATION ADMIN. West Virginia 8 Hardy: field appraisal analysis. Washington,1952. 16 p. 1.933 W52

Heating, Lighting, and Radiation

69484 GELINAS, P. A. Du soleil à l'année au poulailler avec la lampe fluorescente solaire. Ferme 13(5):34-36,50. Jan.1952. 7 F38

69485 HUSTRULID, A., and CLOUD, H. A. Heating water with the heat pump. Agr. Engin. 33:357-359. June 1952. 58.8 Ag83

69486 KIND, W. Frostschutz und elektrowärme. Landmasch.-Markt 30(21):34,36. Oct.20,1951. 58.8 L239

69487 MARINI, P. Methane for the aid of the country. (In Italian.) Gior. di Agr. 62:159. May 25,1952. 16 It1G
Manufacture from manure.

69488 MATALLANA VENTURA, S. La iluminación artificial del gallinero. España Agr., Dec.1951:3-4. 335.8 Es6

69489 RICHARDSON, B., and POLLARD, W. S. Chick brooding with infra-red. Ark. Agr. Col. Ext. L. 167,6 p.-folder. Apr.1952. 275.29 Ar4Le

Power Plants, Motors and Engines on the Farm

69490 CHAPMAN, C. W. The Diesel engine as applied to agriculture. Inst. Brit. Agr. Engin. J. 8(3):18-42. Jan.1952. 58.9 In7
Includes discussion.

69491 DELASNERIE, J. Les moteurs et les carburants. Rev. Agr. de l'Afrique du Nord 50:143-144. Feb. 22,1952. 80 R326

69492 DENIGER, L. R. Le moteur électrique travaille dur pour le cultivateur. Ferme 13(9):10-11. May 1952. 7 F38

69493 HAMBLIN, H. J. Hydraulics in agricultural engineering. Engineering 173:605-607. (Cont.) May 16, 1952. 290.8 En322

69494 HAMBLIN, H. J. Hydraulics in agricultural engineering. Engineering 173:637-639. (Concl.) May 23,1952. 290.8 En322

69495 JAKOB, R. Nochmals "elektromotor." Dreschen u. Pflügen 6(12):7-9. Dec.15,1951. 58.8 D81

69496 QUASCHING, E. Mehr dämpfkolonnen. Deut. Agrartech. 1:302-304. Oct.1951. 58.8 D482

69497 ROSENBERG, G. Methane production from farm wastes as a source of tractor fuel. Inst. Brit. Agr. Engin. J. 8(3):3-17. Jan.1952. 58.9 In7
Includes discussion.

69498 SCHEVEN, O. Elektromotorische dreschantriebe. Landmasch.-Markt 31:132,134. Mar.8,1952. 58.8 L239

69499 SHRECK, F. J. Diesel's diet must be clean. Impl. Rec. 49(6):62-63. May 1952. 58.8 Im73

69500 U. S. RURAL ELECTRIFICATION ADMIN. The application of shunt capacitors to the rural electric system. Washington,1952. 29 p. 1 R88Ap5

Sewage and Waste Disposal

69501 GATTIS, J. L., and HOWELL, R. E. Sanitation on the farm. Ark. Agr. Col. Ext. L. 164,6 p.-folder. Dec.1951. 275.29 Ar4Le
Includes sewage and garbage disposal.

69502 MEINCK, and ANTZE. Beitrag zur frage der landwirtschaftlichen abwasserverwertung unter besonderer berücksichtigung ihrer hygienischen seite. Wasser u. Boden 4:12-16. Jan.1952. 56.8 W28

Telephones

69503 BEHM, F. E. Repairing and rebuilding rural telephone plant. II. Telephony 142(23):17-18. June 7, 1952. 335.8 T23

69504 WILLIAMS, R. H. They're "wired for sound;" two-way radio speeds service to members of this artificial breeding co-op. Pa. Farmer 146:472-473,493. May 24,1952. 6 P383

Water Supply

69505 ANGSTER, H. C. More production, less labor with running water. Mont. Farmer-Stockman 39(17):28. May 1,1952. 6 M764

69506 DIXON, G. H. L'eau courante sur la ferme. Ferme 13(7):46-47. Mar.1952. 7 F38

69507 HUMES, D. Running water brings better living and health to the farm. Amer. Hampshire Herdsman 27 (6):207-208. June 1952. 46.8 Am33

69508 KNOWLES, N. R. Some aspects of pollution in well water supplies and practical measures for eradication. North. Ireland. Min. Agr. Res. & Expt. Rec. 1951: 48-59. 1952. 10 N81R

69509 SERS, J. Une installation de distribution d'eau simple et relativement peu coûteuse. Rustica 25: 463. May 18,1952. 14 R92

AGRICULTURAL PRODUCTS: PROCESSING, DISTRIBUTION, AND STATISTICS

GENERAL

69510 ANCHORENA, C. A. Los ayacuchanos vienen a la conquista del mar; los iqueños y pisqueños deben ir a la conquista de la selva! Mensajero Agr. 71:29-30. Mar.1952. 9.8 M52
Touches upon production of needed agricultural products.

69511 ANDREWS, W. B. Ample food supply held key to world's peace. Agr. Ammonia News 1(3):1,3,7. Feb.28,1952. 381 Ag82

69512 ASHCROFT, E. Food production in Russia. (In Italian.) Cam. di Com. Indus. e Agr. di Milano. Studi e Statis. 5(2):15-16. Feb.1952. 280.9 M587B

69513 BACKES, J. V. Progress in retrospect. Food Mfr. 27:224-225. June 1,1952. 389.8 F736
British food industry.

69514 BEAR, F. E. This hungry world. Certif. Milk 27(6):9,22. June 1952. 44.8 C33
Food situation.

69515 CUMBERLAND, K. The world is hungry. Pig Prog. 18(3):3-6. Mar.1952. 46.8 P622

69516 DANKERS, W. The importance of food in our aid to other countries. Amer. Soc. Farm Mgr. & Rur. Appraisers J. 15:138-146. Oct.1951. 281.8 Am32

69517 DARROW, W. Can America feed itself in 1975? Farm & Ranch—South. Agr. Upper So. Ed. 82(6):10,22. June 1952. 6 T31

69518 DEGRAFF, H. What does science promise for the American diet? Natl. Farm Inst. Proc. 14:36-41. 1952. 4 N219

69519 FITZGERALD, D. A. World food needs. Natl. Farm Inst. Proc. 14:29-36. 1952. 4 N219

69520 FITZGERALD, D. A. The world's food problem. Farm Policy Forum 5(6):31-32. June 1952. 281.8 F2274

69521 FORTUIN, G. J. The determination of exact "man value." (In Dutch.) Voeding 13:164-173. Apr. 15,1952. 389.8 V85
Estimation of food requirements in a population.

69522 GAMMONS, C. C. Agriculture and industry partners in food progress. Canad. Chem. Processing 36(5):102,119. May 1952. 381 C16

69523 GASLINI, P. The Festival of Nutrition. (In Italian.) Alimentazione 1:33-36. Dec.1951. 389.8 AL45
Food exhibit at Parma.

69524 GYNN, G. Young farmers can help food drive. Farmer & Stock-Breeder 66(3266):67. May 27,1952. 10 F228

69525 HENSON, F. A. What labor wants in food policy. Natl. Farm Inst. Proc. 14:80-86. 1952. 4 N219
Includes discussion.

69526 LAAIS, R. Anwendung des gesetzes zu artikel 131 GG auf den Reichsnährstand. Diplomlandwirt 2:28-29. Mar.1952. 18 D62

69527 LEBERT, H. The supplies of agricultural produce in 1951. (In Swedish.) Jordbrekon. Meddel. 14: 79-90. Mar.1952. 257.3 J76
English summary.

69528 LUBIN, I. The world's awakening peoples and their demand for human betterment. U. S. Dept. State. B. 26:934-938. June 16,1952. 150 B87
Includes food situation.

69529 MCLACHLAN, T. Food trends over 25 years. Food Mfr. 27:236-237. June 1,1952. 389.8 F736
Includes food habits.

69530 MARZI, G. DE. The food situation during the past year; safe supply of products; worrysome lack of equilibrium of prices. (In Italian.) Agricoltura 1(2):9. Feb.1952. 16 Ag8226

69531 MARZI, G. DE. The two problems of human nutrition: availability and prices. (In Italian.) Alimentazione 1:13-17. Dec.1951. 389.8 AL45

69532 ŌNUMA, K. On sweetpotatoes in farm management in the fields reclaimed from waste land (chiefly in Tochigi Prefecture). (In Japanese.) Utsonomiya U. Col. Agr. B. 1:207-223 Mar.1951. 107.6 Ut7B
English summary.
Choice of plant in relation to nutritive value.

69533 PRETER, E. DE. Les cultures vivrières dans la province du Katanga. Cour. Agr. 17(6):3. Mar.19,1952. 24 C83
The industry.

69534 RANK, B. Unsere lebensmittel von A-Z; ein nachschlagewerk. Stuttgart,Wissenschaftliche Verlagsgesellschaft,1952. 352 p. 389 R162

69535 REDDI, M. L. N. The food problem in Madras. Madras Agr. J. 39:277-280. Mar.1952. 22 M262

69536 ROACH, J. R. Australian food production. Far East. Survey 21:85-90. June 4,1952. 280.9 In782

69537 SILVESTRE, V. Our food and export crops as criteria on crop production. Plowman 8:294-295,inside back cover. Feb./Mar.1952. 276.8 P72

69538 STIEBELING, H. K. America's food needs. Natl. Farm Inst. Proc. 14:6-11. 1952. 4 N219

69539 THOMAS, F. E. Food—an industry. Food Mfr. 27:235-236. June 1,1952. 389.8 F736
Great Britain.

69540 VOS, A. C. Available foodstuffs. Woman & Her Home 4:57-59. Mar.1952. 321.8 W843
In the seventeenth century in the Union of South Africa.

69541 ZIMMERMANN, W. Der nahrungshaushalt der erde. Berlin,Engel,1951. 163 p. Ref. 389 Z64

ANALYSIS AND COMPOSITION

69542 ALSTRAND, D. V., and ECKLUND, O. F. The mechanics and interpretation of heat penetration tests in canned foods. Food Technol. 6:185-189. Ref. May 1952. 389.8 F7398

69543 AMERICAN SOCIETY FOR TESTING MATERIALS. Provisional program; fiftieth anniversary meeting. Amer. Soc. Testing Mater. ASTM B. 182:19-34. May 1952. 290.9 Am34B
Includes agricultural products.

69544 BEESON, K. C. Report on copper and cobalt in plants. Assoc. Off. Agr. Chem. J. 35:402-406. May 15,1952. 381 As7

69545 COMMISSION INTERNATIONALE DES INDUSTRIES AGRICOLES. Documentation bibliographique le rH ou "potentiel d'oxydoreduction" (définition, mesure, emploi) (choix de références). Paris,1952. 19 p. (B/2432) 241 C733

69546 CRANE, J. C., STEELE, H. K., and REDFERN, S. Techniques for estimating the stability of food products: active dry yeast. Food Technol. 6:220-224. Ref. June 1952. 389.8 F7398

69547 DAVIDSON, J. The micro-determination of magnesium in plant materials with 8-hydroxyquinoline. Analyst 77:263-268. Ref. May 1952. 382 An1

69548 DAVIS, L. L. Statistical methods applied to food processing. Va. Agr. Expt. Sta. Statis. Methods Sensory Difference Tests Food Quality. Bi-annu. Rpt.3: 26-28. Dec.1951. 389.9 V81

69549 DUNCAN, D. B. An application of the multiple comparisons test to a problem in taste testing. Va. Agr. Expt. Sta. Statis. Methods Sensory Difference Tests Food Quality. Bi-annu. Rpt.2,App.D,15 p. June 1951. 389.9 V81

69550 EOLKIN, D. Relative color evaluation of food purees using black and white photography. Food Technol. 6:214-217. June 1952. 389.8 F7398

69551 GNAGY, M. J. Report on gums in foods. Assoc. Off. Agr. Chem. J. 35:353-354. May 15,1952. 381 As7

69552 HARRIS, K. L. Report on extraneous materials in foods and drugs. Assoc. Off. Agr. Chem. J. 35: 327-328. May 15,1952. 381 As7

69553 HEINEN, E. J., and BENNE, E. J. Report on zinc in plants. Assoc. Off. Agr. Chem. J. 35:397-398. May 15,1952. 381 As7

69554 HOFFPAUIR, C. L. Report on starch in plants. Assoc. Off. Agr. Chem. J. 35:398-401. May 15, 1952. 381 As7

69555 KELLEY, V. C. Viscosity studies in relation to gelatinized starches: a theory of starch viscosity. Minn. U. Sum. Ph. D. Theses 5:1-4. 1951. 241.8 M66

69556 LEWIS, S. A. Hourly quality check improves food plant production. Glass Packer 31:386-387,399. June 1952. 309.8 G463

69557 MATHIS, W. T. Report on spectrographic methods. Assoc. Off. Agr. Chem. J. 35:406-418. May 15,1952. 381 As7

69558 MILLER, E. J. Report on plants. Assoc. Off. Agr. Chem. J. 35:395-397. May 15,1952. 381 As7

69559 OGG, C. L., and WILLITS, C. O. Report on microanalytical determination of nitrogen. Assoc. Off. Agr. Chem. J. 35:288-291. May 15,1952. 381 As7

69560 OGG, C. L. Report on microanalytical determination of sulfur. Assoc. Off. Agr. Chem. J. 35:305-317. May 15,1952. 381 As7

69561 PUTNAM, F. W. A study of factors affecting the degree of protein dispersion. Minn. U. Sum. Ph. D. Theses 5:15-21. 1951. 241.8 M66

69562 SERIS, G. La chromatographie sur papier, moyen d'identification des colorants utilisés dans les denrées alimentaires. Ann. des Falsif. et des Fraudes 45:110-114. Mar./Apr.1952. 389.8 An72
English summary.

69563 SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS. ANALYTICAL METHODS COMMITTEE. The determination of carotene in green-leaf material. II. Green-leaf materials other than grass. Analyst 77:171-173. Apr.1952. 382 An1
Supplementary bibliography for I. p. 173.

69564 STAHL, W. H. A manometric adaptation for the rapid microbiological assay of vitamins and amino acids. Assoc. Off. Agr. Chem. J. 35:469-478. Ref. May 15,1952. 381 As7

69565 STEYERMARK, A., and FAULKNER, M. B. Report on microanalytical determinations of bromine and chlorine. Assoc. Off. Agr. Chem. J. 35:291-304. May 15,1952. 381 As7

69566 STOLDT, W. Vorschlag zur vereinheitlichung der fettbestimmung in lebensmitteln. Fette u. Seifen 54:206-207. Apr.1952. 384 C422

69567 SUTTON, C. C., AMBLER, R. C., and ARKIN, D. Color measurement as a quality control tool. Food Technol. 6:190-194. Ref. May 1952. 389.8 F7398
Spectrophotometry of processed foods.

69568 SWEENEY, J. P., and HALL, W. L. A new chemical approach to the determination of vitamin B_6. Assoc. Off. Agr. Chem. J. 35:479-483. Ref. May 15, 1952. 381 As7

69569 TARR, H. L. A. Microbiological assay of vitamin B_{12} in crude materials. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:297-298. Mar.1952. 442.9 F31P

69570 TILLSON, A. H. EISENBERG, W. V., and WILSON, J. B. Identification of certain quaternary ammonium compounds as reineckates. Assoc. Off. Agr. Chem. J. 35:459-465. May 15,1952. 381 As7
Includes a quarternary ammonium compound used as a preservative.

69571 WILLIAMS, K. T. Report on sugars in plants. Assoc. Off. Agr. Chem. J. 35:402. May 15,1952. 381 As7

69572 WILLIAMS, K. T., POTTER, E. F., and BEVENUE, A. A study, by paper chromatography, of the occurrence of nonfermentable sugars in plant materials. Assoc. Off. Agr. Chem. J. 35:483-486. May 15, 1952. 381 As7

69573 WILSON, J. B. Determination of quaternary ammonium compounds as reineckates. Assoc. Off. Agr. Chem. J. 35:455-458. May 15,1952. 381 As7
In preservatives.

69574 WINKLER, W. O. Report on thiourea in foods. Assoc. Off. Agr. Chem. J. 35:325-327. May 15,1952. 381 As7

CONSUMPTION AND UTILIZATION

69575 CHAVEZ, V. Subproductos de la agricultura y los materiales de construcción que nos hacen falta. Mensajero Agr. 71:31. Mar.1952. 9.8 M52
Peru.

69576 HYDE, A. D. In General Mills' research program accent is on chemurgy. Chemurg. Digest 11(6):6-9. June 1952. 381 N213Na

69577 JOHNSTON, K. A. Estimating family food needs and costs. Amer. Dietet. Assoc. J. 28:417-421. May 1952. 389.8 Am34

69578 ZETHELIUS P., S. Relaciones agrícolas industriales en el desarrollo de la economía colombiana. Rev. Nac. de Agr. 46(563):32-33. Mar.1952. 9.4 R32

DISTRIBUTION, MARKETING, AND TRANSPORTATION

69579 ASSOCIATION OF AMERICAN RAILROADS. Report of National Freight Loss and Damage Prevention Committee, 1951. Chicago,1951. 165 p. 289.29 Am352
Contains statistics on losses of food products.

69580 BOOK, S. Problems of current interest in the cooperative marketing movement. (In Swedish.) SL-Kontakt 1/2:1-5. 1952. 11 Sv28S

69581 BORGAN, O. Agricultural economic and agricultural political factors in the development of agricultural marketing cooperatives. (In Norwegian.) Nord. Lantbrekon. Tidskr. 2:1-8. 1952. 281.8 N75

69582 BUTTNER, W. Ein unbrauchbarer lösungsversuch; zum entwurf eines gesetzes gegen wettbewerbsbeschränkungen. Übersicht 3(4):3-8. Apr.1952. 18 Ub3
Germany.

69583 CAVINA, R. Sales by farmers. (In Portuguese.) Selec. Agr. 7(71):31-33. Mar.1952. 9.2 Se4
Products.

69584 CRESTA, M. Das problem der verteilungskosten in Italien. Wirtschaftsdienst 32:237-239. Apr.1952. 280.8 W74

69585 FRANCE. DIRECTION DE LA DOCUMENTATION. Ententes et monopoles dans le monde: Suisse-Autriche—Liechtenstein. France. Dir. de la Doc. Notes et Études Doc. 1611,68 p. May 7,1952. 280.9 F843
Includes the food industries.

69586 GULLANDER, A. How to define the concept farm cooperation? (In Swedish.) Nord. Lantbrekon. Tidskr. 2:9-11. 1952. 281.8 N75
Cooperative marketing.

69587 HAMMOND, A. E. Q.-F. F. transport. 1. A survey of methods in the United States provides basis for comparison with our own. Quick Freezing 4:207-209. July 1951. 295.8 Q4

69588 HAMMOND, A. E. Q.-F. F. transport. II. Representative British methods and materials. Quick Freezing 4:327-329. Nov.1951. 295.8 Q4

69589 HASSELBACH, W. VON. Marktordnung gegen freie wirtschaft? Übersicht 3(4):9-11. Apr.1952. 18 Ub3
Germany.

69590 HENSLEY, H. C. Merchandising by farmers' cooperatives. U. S. Farm Credit Admin. C. E-22,rev., 16 p. 1951. 166.2 C4926
Revised by J. K. Samuels and K. B. Gardner.

69591 KRASKA, E. J. How to prevent damage to canned goods. West. Canner & Packer 44(5):34-36,38. May 1,1952. 286.83 W522

69592 LAUFENBERG, H. Die geschichte des Düisburger grossmarktes. Früchte u. Gemüse Markt 4:533-534. Apr.25,1952. 286.83 F9425

69593 MARLER, R. C. Statement at the meeting called on March 19th, by Hon. D. A. Ure, of the members of the Legislative to study marketing legislation. Edmonton,1952. 5 p. 280.3 M345
Agricultural products.

69594 MAVROMMATIS, A. Selling at current market prices. Cyprus. Dept. Coop. Co-op. Cyprus 25:9-11. Mar.1952. 280.29 C99C

69595 NEW YORK. DEPT. OF AGRICULTURE AND MARKETS. List of merchant truckmen registered for year ending June 30,1952. N. Y. Dept. Agr. & Mkts. C. 716,18 p. n.d. 2 N482C

69596 NUGENT, G. R. H. Agricultural marketing. London,1951. 55 p. (Conservative Political Centre, Discussion Series 112) 280.3 N89

69597 PAGANI, L. Details on the amendments required by the law instituting the privilege for financing of the voluntary pools. (In Italian.) Agr. delle Venezie 6:96-101. Mar.1952. 16 Ag826

69598 PFLIMLIN, P. Réunion préparatoire sur l'organisation européenne des marchés agricoles 1re séance—25 mars 1952. France. Min. de l'Agr. Rev. Études & Monog. 70:101-107. May 1952. 281.8 F84
Includes papers by P. Pflimlin and C. Laurens.

69599 PHILLIPS, C. A. Frozen foods—expanding the sales field. Fruit, Flower & Veg. Trades' J. 101(19):60, 65. May 10,1952. 80 F946

69600 ROHR, R. VON. Marktwirtschaft, ihre soziale und ihre politische bedeutung. Kartoffelwirtschaft 5:193-194. May 24,1952. 286.83 K14
Germany.

69601 SANFILIPPO, L. Marketing of food products in the United States. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(37):8-9. May 3,1952. 281.8 Ag3

69602 SANT'AMBROGIO, L. The "terms of trade" of the Milan Chamber of Commerce. (In Italian.) Congiuntura Econ. 7:77-80,82. Mar.31,1952. 280.8 C7635

69603 TODOROFF, A. What's what about freezer-locker food plans. Locker Mangt. 6(5):14-18. May 1952. 389.8 L79
Purchasing on a wholesale basis.

69604 U. S. OFF. OF THE CHIEF OF ENGINEERS. Commercial statistics; water-borne commerce of the United States for the calendar year 1950; annual report of the Chief of Engineers, 1951, 2. 82d Cong., 2d sess., H. Doc. 272(2),1767 p. 1952. 152.25 An7

69605 U. S. PRODUCTION AND MARKETING ADMIN. Directory of farm market news for Arkansas, Colorado, Kansas, Louisiana, New Mexico, Oklahoma, Texas. Dallas,1952. 25 p. 1.956 A2D622

69606 WARD, D. D., and WILCOX, R. G. Rules and regulations governing operation of the central New York regional market, at Syracuse, New York. N. Y. Dept. Agr. & Mkts. C. 717,15 p. n.d. 2 N482C

69607 WIEHLER. Wo steht die marktordnung? Hannoversche Land- u. Forstwirt. Ztg. 104:1108. Dec.1, 1951. 18 H194

69608 WILLIS, P. S. Changing pattern of food distribution. Ice Cream Rev. 35(11):138,140-144. June 1952. 389.8 Ic22

69609 ZENTRALE MARKT- UND PREISBERICHTSTELLE DER DEUTSCHEN LANDWIRTSCHAFT G. M. B. H. Die agrarmärkte in der Bundesrepublik; aufbau, arbeitsweise und bisherige arbeitsergebnisse. Neuwied, Raiffeisendruckerei,1951. 61 p. 280.3 Z4

GRADING, INSPECTION, STANDARDIZATION, AND QUALITY

69610 ADAMS, C. A. Problems arising from the use of chemicals in food; the legal and administrative background. Chem. & Indus. 22:484-487. May 31,1952. 382 M31C

69611 AVERY, A. C. Better food for Navy; to provide food to the Navy, you must meet special requirements; recent food developments that please are named; but there is a longer list of desired improvements; here is a challenge. Food Engin. 24(6):61,135-136,138. June 1952. 389.8 F737

69612 BENNETT, W. Regulations of weights and measures. La. Rur. Econ. 14(2):4-5. May 1952. 281.8 L93

69613 FRAZER, A. C. Problems arising from the use of chemicals in food. Chem. & Indus. 21:456-458. May 24,1952. 382 M31C

69614 FRENZEL. Die sachverständigen und der Codex [Alimentarius Austriacus]. Z. f. Lebensmtlprod. 5(3):15-17. Mar.1952. 389.8 Z34

69615 GIESEKER, L. F., and STRASBURGER, L. V. Smoke waste contamination in canned foods. Canning Trade 74(49):6. June 23,1952. 286.83 T67

69616 HARVEY, W. C. Don't poison your family this summer! Better Health 25:272-274. June 1952. 449.8 B46
Food poisoning.

69617 HUBER, W., BRASCH, A., and WALY, A. Effect of processing conditions on organoleptic changes in foodstuffs sterilized with high intensity electrons. (Abs.) Canning Trade 74(49):9. June 23,1952. 286.83 T67

69618 JENSEN, H. R. Whither food chemicals? Food Mfr. 27:240-241,243. June 1,1952. 389.8 F736

69619 KAY, H. D. Problems arising from the use of chemicals in food. (Sum.) Chem. & Indus. 22:487. May 31,1952. 382 M31C

69620 KENTIE, A. Toxicity and nutrition. (In Dutch.) Voeding 13:176-178. Apr.15,1952. 389.8 V85

69621 LANE, E. A. Food poisoning. Today's Health 30(6):28-29,50. June 1952. 449.8 H993

69622 LANG, K. Zum problem der salmonellenanreicherung in der bakteriologischen lebensmitteluntersuchung. Lebensmitteltierarzt 3:35-37. Ref. Apr.1952. 41.8 L49
Germany.

69623 LLENSA DE GELCEN, S. Breve historia de las medidas superficiales agrarias de la antigüedad y estudio particular de aquellas cuyo uso es tradicional en Cataluña. Esc. de Peritos Agr. y de Especialidades Agropecuarias y Serv. Têc. de Agr. An. 10:65-128. 1951. 105.6 B233

69624 MESA-BERNAL, D. Medidas y voces agrícolas del Departamento de Nariño. Agr. Trop. 8(4):27-30. Apr.1952. 26 Ag8

69625 NEWTON, R. C. The role of chemicals in foods. Canner 114(23):14,23-24. June 7,1952. 286.83 C16

69626 PUMAIN, E. L'expertise en matière de fraudes en Angleterre. Ann. des Falsif. et des Fraudes 45:145-150. Ref. Mar./Apr.1952. 389.8 An72
English summary.

69627 RODRIGUEZ PINEDO. El pan de la locura. Saragossa. Cám. Ofic. Sind. Agr. B. Mens. 46:7-8. Mar.1952. 15 Sa7
Ergot poisoning.

69628 SCHULTE, K. E., and SCHILLINGER, A. Untersuchungen über den oxydativen abbau der l-ascorbinsäure. II. Z. f. Lebensmtl.-Untersuch. u. -Forsch. 94:166-182. Mar.1952. 384 Z39

69629 SCOTLAND. DEPT. OF HEALTH. Reports, 1951. Edinburgh,1952. 124 p. 449.9 Sco8
Scottish Health Services Council, cooperating.
Includes food sanitation and town and country planning.

69630 U. S. PRODUCTION AND MARKETING ADMIN. Check list of USDA standards for farm products. Washington,1952. 14 p. 1.9 Ec731C

69631 WICK, A. N., and DRURY, D. R. Action of insulin on oxidation of glucose and other foods. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:310. Mar. 1952. 442.9 F31P

PACKING AND PACKAGING

69632 AMERICAN MANAGEMENT ASSOCIATION. 21st National Packaging Conference and Exposition. Mod. Packaging 25(9):143-152. May 1952. 309.8 M72

69633 BRIEN, R. M., and REID, W. D. An investigation on control of mould fungi on cork inserts of crown tops. New Zeal. J. Sci. & Technol. B, Gen. Res. Sect. 33: 393-397. Mar.1952. 514 N48B

69634 DICKEY, E. F. Broadening uses of multiwall paper shipping sacks; feeds & other agricultural commodities. Paper Trade J. 134(21):40,50. (Concl.) May 23,1952. 302.8 P196

69635 DICKEY, E. F. Feeds and other agricultural commodities. (Sum.) Mod. Packaging 25(9):152. May 1952. 309.8 M72
Packaging.

69636 FONTENOY, P. Y. Flexible packaging for foods. Food Indus. So. Africa 5:65. May 1952. 389.8 F7372

69637 GRUNDY, A. V. The packing and packaging program of the Quartermaster Corps. Packing & Shipping 79(2):5,24-25. May 1952. 289.8 P12

69638 HICKMAN, R. A. The frozen food package in today's store. Quick Frozen Foods 14(11):68,70. June 1952. 389.8 Q4

69639 HUGONY, E. The use of aluminum in the chemical food industry. (In Italian.) Indus. Ital. delle Conserve 26:158-168. Sept./Oct.1951. 389.8 In23
Containers.

69640 ISBEL, J. Frozen food packages must be better salesmen. Quick Frozen Foods 14(11):72-76. June 1952. 389.8 Q4

69641 JAKOBSEN, F. Food can progress. Svenska Inst. f. Konservforsk. P. 47,14 p. Dec.1951. 389.9 Sv2

69642 JUNIERE, P. Some applications of aluminum in packing in France. (In Italian.) Indus. Ital. delle Conserve 26:169-170,175-176. Sept./Oct.1951. 389.8 In23

69643 KLINGELHOFFER, H. Les épreuves d'endurance des colis en vue de transport. Emballages 22(132): 57-58,61. May/June 1952. 309.8 Em1
Food.

69644 KOCH, T. W. An opportunity to repackage. Quick Frozen Foods 14(11):70. June 1952. 389.8 Q4
Frozen foods.

69645 LOCHRIE, H. F. Packaging for self service. Coffee & Tea Indus. 75(6):79-80. June 1952. 389.8 Sp4
Food.

69646 MANUFACTURERS of packaging materials & equipment in the U. S. Pre-Pack-Age 5(10):40-48. June 1952. 280.38 P91

69647 MARTYN, H. Packages that please. Food Indus. So. Africa 5:61-64. May 1952. 389.8 F7372

69648 ROUQUETTE, A. La protection des denrées alimentaires contre l'humidité; l'emploi de cartons imperméabilisés au moyen de paraffines et de cires microcristallines. Emballages 22(132):45,47-48,51. May/June 1952. 309.8 Em1

69649 ROWE, S. C. Slack-filled packages and the Food & Drug Act. Quick Frozen Foods 14(11):66,84. June 1952. 389.8 Q4
Frozen food.

69650 SANDERS, R. K. Food cans—1927 to 1952. Food Mfr. 27:238-239. June 1,1952. 389.8 F736

69651 SIMERL, L. E. Waxes in protective food packaging. (Abs.) Quick Frozen Foods 14(11):60. June 1952. 389.8 Q4

69652 U. S. PRODUCTION AND MARKETING ADMIN. Standard conversion factors for tin and glass containers for use with set aside computations under Defense food order number 2. Washington,1952. 2 p. 1.956 F94St23

69653 WUESTENFELD, K. Are we overlooking the "extra values" of wrappers? Quick Frozen Foods 14 (11):64,84. June 1952. 389.8 Q4
For frozen food.

PRICES, PRICE CONTROL, AND RATIONING

69654 BARKER, H. Continuance of controls necessary because abnormal situation exists. Va. Foodsman 13(5):11,13. May 1952. 286.28 V81
Price control.

69655 BARROS, E. P. DE. Development and regulated economy. (In Portuguese.) Colheit. e Mercados 8: 29-31. Jan./Feb.1952. 255.3 Sa652
Agricultural price control in Brazil.

69656 BUHLE. Die preisparität bei den anderen. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:676-677. May 1,1952. 18 L2346

69657 CAMPBELL, R. Price support in Canada and in U.S.A. Farmer's Advocate & Canad. Countryman 87 (3423):8,41. May 24,1952. 7 F22

69658 COWDEN, T. K. Price policy for United States agriculture. Natl. Farm Inst. Proc. 14:65-74. 1952. 4 N219

69659 DAWE, C. V. If you produce milk, what should you charge for your home-grown foods—market price—or cost of production? Dairy Farmer [Ipswich] 25(6):25. June 1952. 44.8 D1414
Great Britain.

69660 FRANK, H. E. R. E. A. Price and import policy of the new French Government. (In Dutch.) Landbouwwereldnieuws 7:195-196. Mar.29,1952. 12 L237

69661 GFRERER, H. Agrarpreis- oder konsumentenpreis-stützung? Salzburger Bauer 7(21):1-2. May 22, 1952. 19 Sa3

69662 GFRERER, H. Selbstbezahlte ordnung; zur neuen agrarpreisregelung. Salzburger Bauer 7(22):1-2. May 29,1952. 19 Sa3

69663 GRUBER, H. Höchstpreise, tolerierte preise und aufgelder. Kärntner Bauer 102:259-261. Apr.26, 1952. 19 K14

69664 GUSLER, G. What's ahead in farm markets? Nebr. Farmer 94(11):50. June 7,1952. 6 N27
Prices.

69665 JASNY, N. Soviet prices of producers' goods. Food Res. Inst. Misc. P. 11C,180 p. Feb.1952. 389.9 F73
Includes farm products prices.

69666 JONES, R. E. The price control situation. (Abs.) Amer. Dry Milk Inst. Briefly 27:1. 1952. 44.9 Am35Br

69667 JUREEN, L. The pricing of agricultural produce 1952/53. (In Swedish.) Jordbrekon. Meddel. 14:137-143. Apr.1952. 257.3 J76
English summary, p. 136.

69668 LINDSTROM, D. E. Farm price policies in Sweden. J. Farm Econ. 34:267-274. May 1952. 280.8 J822

69669 MEYERS, W. I. The farmer and consumer interest. (Condensed.) Farm Policy Forum 5(6):15-18. June 1952. 281.8 F2274
Food prices.

69670 MYERS, W. I. The farmer and consumer interest. Metrop. Milk Prod. News 12(5/6):6-9. May/June 1952. 280.28 M56
Prices received by farmers.

69671 MYERS, W. I. The farmer and consumer interest. N. Y. Agr. Col. Farm Econ. 185:4854-4860. May 1952. 280.8 C812

69672 NODLAND, T. R. Watching price outlook. Amer. Soc. Farm Mgr. & Rur. Appraisers J. 15:154-156. Oct.1951. 281.8 Am32

69673 PRICE flexing. G T A Digest 12(5):7-11,14-27. May 1952. 280.28 G11
Includes reports of statements by M. W. Thatcher, C. F. Brannan, R. S. Kerr, and M. R. Young.

69674 THOMA. Preisgerechtigkeit als voraussetzung für produktionssteigerung. Burgenländische Bauernbündler 5(8):1-2. Apr.25,1952. 19 B91

69675 U. S. PRODUCTION AND MARKETING ADMIN. Parity handbook. Washington,1952. 40 p. 1.956 P93P21

PROCESSING AND STORAGE

69676 ANKER-RASMUSSEN, S. Quick-freezing in Denmark. Quick Freezing 4:291-293. Oct.1951. 295.8 Q4

69677 ASPMAN, K. Now—flash-dried starch. Food Engin. 24(6):84-87,164,166. June 1952. 389.8 F737

69678 BALL, C. O. The U. S. canning industry from 1940 to 1950. Food Mfr. 27:219-222. June 1,1952. 389.8 F736

69679 BORGSTRÖM, G. The food preservation industry and food preparation in the home. IV. Future problems. (In Swedish.) Konserves 10:25-28. Mar.1952. 389.8 K835

69680 BRUNETTI, B. Use of lactic acid and calcium lactate in the food processing industry. (In Italian.) Indus. Ital. delle Conserve 26:213-215. Nov./Dec.1951. 389.8 In23

69681 CAMERON, E. J. Present status of processing by radiation. Canning Trade 74(46):11,22. June 2,1952. 286.83 T67

69682 CAMERON, E. J. Radiation studies in the field of canning. Canner 114(22):11-12. May 31,1952. 286.83 C16

69683 CANADA. BUR. OF STATISTICS. Stocks of food commodities in cold storage and other warehouses 1951. Ottawa,1952. 27 p. 295.9 C16S

69684 CHAPMAN, D. K. Profit in pinning freezing costs. Food Engin. 24(6):68-71,168,170. June 1952. 389.8 F737

69685 CHEFTEL, H. The French canning industry. Food Mfr. 27:228-233. June 1,1952. 389.8 F736

69686 DYKSTRA, K. G. A survey of times and temperatures in the transportation, storage and distribution of frozen foods. (Abs.) Canning Trade 74(49):9. June 23,1952. 286.83 T67

69687 EHRENKRANZ, F., ROBERTS, H., and ROSS, E. S. Stored foods in a home freezer operated at fluctuating temperature. J. Home Econ. 44:441-442. June 1952. 321.8 J82

69688 ERLEWINE, L. D. Changes in employment in food processing industries between 1939 and 1947. Ill. Farm Econ. 203:1338-1340. Apr.1952. 275.28 IL5

69689 FOX, H. Better food—cheap at the price. Quick Freezing 4:210-211. July 1951. 295.8 Q4
Advantages of frozen food.

69690 FOX, H. Changing the plan for living; the convenience of Q-F. F. Quick Freezing 4:300-302. Oct. 1951. 295.8 Q4

69691 FOX, H. Recent research work in the U. S. A. Quick Freezing 4:263-265. Sept.1951. 295.8 Q4
Food freezing.

69692 FROZEN foods in San Francisco. Quick Frozen Foods 14(11):50-52,195. June 1952. 389.8 Q4

69693 FUSSELL, G. E. Refrigeration in 1850. Dairyman 69:355,357. June 1952. 44.8 D1426

69694 GRETT, and HEINZE. Neue anlagen zum gefrieren von nahrungsmitteln. Kälte 5:73-80. Apr. 1952. 295.8 K122

69695 HAYNER, J. H., and PROCTOR, B. E. Investigations relating to the possible use of atomic fission products for food sterilization. (Abs.) Canning Trade 74(49):9. June 23,1952. 286.83 T67

69696 HEMLER, V. H., and others. Processing and cooling of canned foods; some heat transfer problems. Indus. & Engin. Chem. 44:1459-1465. Ref. June 1952. 381 J825
D. V. Alstrand, C. F. Ecklund, and H. A. Benjamin, joint authors.

69697 HICKS, E. W. Some implications of recent theoretical work on canning processes. Food Technol. 6:175-178. May 1952. 389.8 F7398

69698 HOLME, J. C. Associated Independent Canners—activity report. (Abs.) Canning Trade 74(49): 7-8. June 23,1952. 286.83 T67

69699 INSTITUTE OF FOOD TECHNOLOGISTS. Abstracts of selected papers delivered at IFT meeting. Canning Trade 74(49):9. June 23,1952. 286.83 T67

69700 INSTITUTE OF FOOD TECHNOLOGISTS. Frozen foods a major topic at technologists' meeting. Quick Frozen Foods 14(11):59-61. June 1952. 389.8 Q4
Abstracts of papers to be given at twelfth annual meeting, Grand Rapids, Mich., June 8-12, 1952.

69701 INSTITUTE OF FOOD TECHNOLOGISTS. Technical program and abstracts, twelfth annual meeting, June 8-12, 1952, Grand Rapids. Food Technol. 6(5,sup.), 28 p. May 1952. 389.8 F7398

69702 MCEVOY, J. P. New streamlined food a-comin!' Reader's Digest 61,i.e.60(363):102-106. July 1952. 110 R22
Precooked frozen food.

69703 MATAGRIN, A. Valorisation des hydrates de carbone métropolitains ou coloniaux par la fermentation en acétone et butanol. Indus. Agr. et Aliment. 69:287-290,293-296,299-305. Ref. Apr.1952. 383 As7
English summary.

69704 NEW YORK. DEPT. OF AGRICULTURE AND MARKETS. List of licensed refrigerated warehouses and locker plants 1950-1951. N. Y. Dept. Agr. & Mkts. C. 710,41 p. n.d. 2 N482C

69705 NICHOLLS, A. S. A refrigeration centre; quick-freezing facilities in Spalding. Quick Freezing 4: 203-204. July 1951. 295.8 Q4

69706 OSER, B. L. How nutrients are lost in processing and handling foods. Food Engin. 24(6):62-63, 140,148. June 1952. 389.8 F737

69707 PEARCE, W. E., and WHEATON, E. Autosterilization of thermophilic spores in canned foods during storage at temperatures below the growth range. (Abs.) Canning Trade 74(48):11. June 16,1952. 286.83 T67

69708 PREVOT, P. Un des meilleurs chefs de France au service de votre table. Emballages 22(132): 13-16. May/June 1952. 309.8 Em1
Frozen foods.

69709 PRIDHAM, T. G. Microbial synthesis of riboflavin. Econ. Bot. 6:185-205. Ref. Apr./June 1952. 450 Ec7

69710 PROCTOR, B. E., and others. The biochemical approach to the prevention of side-effects produced by ionizing radiations on foods, drugs, and tissues. (Abs.) Canning Trade 74(49):9. June 23,1952. 286.83 T67
S. A. Goldblith, C. J. Bates, and O. A. Hammerle, joint authors.
In sterilization.

69711 SALLES, C. Le froid et les denrées périssables. Rev. Prat. du Froid 7(8):61-64. (Cont.) May 1952. 295.8 R323

69712 SMITH, C. Packing processed foods in glass. Canner 114(23):16-17,20,22,29. June 7,1952. 286.83 C16

69713 SVENSKA INSTITUTET FOR KONSERVERINGSFORSKNING. Redogörelse för Svenska Institutets för Konserveringsforskning verksamhet arbetsåret 1 juli 1950-31 juni 1951 [Report of the activity of the Swedish Institute for Food Preservation Research during the working year July 1, 1950-June 30, 1951]. Svenska Inst. f. Konservforsk. P. 45,12 p. 1951. 389.8 Su2

69714 TALLARICO, G. We shall not die of hunger: microbes will preserve us. (In Italian.) Mondo del Latte 4:195,197,199. Apr.1952. 44.8 M74
English summary.

69715 THATCHER, F. S. Food plant sanitation. Canad. Food Indus. 23(6):16-19. June 1952. 286.83 C166

69716 TOWNSEND, C. T. Control problems of newer processing methods. West. Canner & Packer 44(5):6-9, 39. May 1,1952. 286.83 W522

69717 TRESSLER, D. K., and NORTON, K. B. MSG in frozen foods. (Abs.) Quick Frozen Foods 14(11):60. June 1952. 389.8 Q4

69718 U. S. PRODUCTION AND MARKETING ADMIN. Frozen food research in the U. S. Department of Agriculture, by J. A. Mixon. Washington,1952. 14 p. 1.956 M343F93

69719 U. S. RURAL ELECTRIFICATION ADMIN. "Want to" pays off. Washington,1952? 9 p. 1.933 W18
Cold storage locker plant, Texas.

69720 WALTER, L. Control of heat flow in food processing. I. Food Canada 12(5):36,38-39. May 1952. 389.8 F7328

69721 WILLIAMS, T. Nuevas ayudas en la producción y conservación de víveres. ICA; Indus. y Com. de la Aliment. 7(76):39-40. Mar.1952. 286.8 Ic1

69722 WINTER, J. D., and others. The effect of fluctuating storage temperature. (Abs.) Quick Frozen Foods 14(11):61. June 1952. 389.8 Q4
A. Hustrulid, I. Nobel, and E. S. Ross, joint authors.
Frozen foods.

69723 WINTER, J. D., and others. The effect of fluctuating storage temperature on the quality of stored frozen foods. (Abs.) Canning Trade 74(49):9. June 23, 1952. 286.83 T67
A. Hustrulid, I. Noble, and E. S. Ross, joint authors.

69724 WOODS, R. The manufacture of dried food yeast. Anheuser-Busch. Dried Yeasts and Derivatives Dept. Yeast 2:2-23. Oct.1951. 390.09 An4

69725 YAW, K. E. Production of riboflavin by Eremothecium ashbyi grown in a synthetic medium. Mycologia 44:307-317. Ref. May/June 1952. 450 M99

69726 ZANZUCCHI, A., and DELINDATI, G. Research on the microbicidal power of ultraviolet radiations on various species of microorganisms in culture media and on their sterilizing properties for empty containers for food preserves and the air of industrial establishments. (In Italian.) Indus. Ital. delle Conserve 26:195-202. Ref. Nov./Dec.1951. 389.8 In23

STATISTICS

69727 ALDERSON, W. Revolution on the farm. Printers' Ink 239(9):75-77,80-82,84,86-90,94,96,99-102, 104,106. May 30,1952. 238.8 P932
Census figures.

69728 BELGIAN CONGO. CONSEIL DE GOUVERNEMENT. Discours du Gouverneur Général; statistiques. Léopoldville,1951. 39,75 p. 280.9 K838

69729 BURKHEAD, C. E. Early reports fail to show increase in crop acreage. Cargill Crop B. 27(8):7. June 5,1952. 281.8 C19

69730 BURROWES, W. D. Sample survey of production of selected agricultural products 1950. Jamaica. Dept. Agr. B. (n.s.)48,62 p. 1952. 8 J227B

69731 CALEFFA, G., and ZUCCHI, N. Italian agricultural production in 1951. (In Italian.) Congiuntura Econ. 7:83-87. Mar.31,1952. 280.8 C7635
Statistics.

69732 CEYLON. DEPT. OF CENSUS AND STATISTICS. Statistical abstract of Ceylon, 1951. Colombo, 1951. 326 p. 272 C337
Includes agriculture.

69733 COLLISSON, C. F. Wealth Belt farmers top the Nation in dairy cattle and produce. Com. West 103 (22):13. May 31,1952. 286.8 C733
Statistics.

69734 COMMODITY year book 1952. New York,1952. 376 p. 286.8 C7392
Includes statistics of agricultural products.

69735 DOMINICAN REPUBLIC. DIRECCIÓN GENERAL DE ESTADÍSTICA. Estadística industrial de la República Dominicana, No. 1, 1950. Ciudad Trujillo, 1951. 95 p. 254.8 D7171S
Includes agricultural products.

69736 FRANCE. INSTITUT NATIONAL DE LA STATISTIQUE ET DES ÉTUDES ÉCONOMIQUES. La production et les prix dans le monde. France. Inst. Natl. de la Statis et des Études Écon. Études et Conjoncture, Écon. Mond. 7:99-154. Mar./Apr.1952. 280.9 F842
Agricultural statistics included.

69737 FRANCE. MINISTÈRE DE L'AGRICULTURE. Statistique agricole annuelle 1949. Paris,1951. 171 p. 260 Ag8Ag

69738 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Agricultural statistics 1948-9: United Kingdom. 1. London,1952. 41 p. 256.01 Ag82Ag
Department of Agriculture for Scotland and Ministry of Agriculture, Northern Ireland, cooperating.

69739 IRELAND. CENTRAL STATISTICS OFF. Agricultural statistics; analysis of crops and livestock by size of holding, 1949. Irish Trade J. & Statis. B. 27: 2-12. Mar.1952. 286.8 Ir4

69740 IRELAND. CENTRAL STATISTICS OFF. Statistical abstract of Ireland, 1951. Dublin,1952. 256.12 In2S
Includes agricultural statistics.

69741 NATIONAL FARMERS' UNION. Changes in agricultural production between 1949 and 1951. N. F. U. Inform. Serv. 7:45-72. Mar./Apr.1952. 281.9 N213N
Statistics for Great Britain.

69742 NORWAY. STATISTISK SENTRALBYRÅ. Jordbrukstellingen i Norge 20. Juni 1949, Tredje hefte, De naturlige jordbruksomrader. Recensement du 20 juin 1959 III. Les régions agricoles. Oslo,1952. 283 p. 257.2 St2Jn
Table of contents also in French.

69743 OLSEN, K. H. Oberflächengestalt, landwirtschaftlicher betrieb agrarlandschaft. Forschanst. f. Landwirt. Schrreihe. 2,57 p. 1951. 105.8 B832
Germany.

69744 ONTARIO. DEPT. OF THE TREASURER. BUR. OF STATISTICS AND RESEARCH. Fourth annual economic survey 1952. Toronto,1952. various pagings. 253.6 St2
Includes agricultural statistics.

69745 SCHWEIZERISCHES BAUERNSEKRETARIAT. Statistische erhebungen und schätzungen auf dem gebiete der landwirtschaft, 28. jahresheft, 1951. Brugg,1951. 136 p. 262 Un3S

69746 THIEL, O. Zur entwicklung der anbauflachen 1952. Ernährungsdienst 7(56):5. May 17,1952. 389.8 Er62
Germany.

69747 U. S. BUR. OF AGRICULTURAL ECONOMICS. Agriculture's "lockup." Pub. Admin. Rev. 12:112. Spring 1952. 280.8 P964
Crop reporting service.

69748 U. S. BUR. OF THE CENSUS. Census publications; catalog and subject guide, 1951. Washington,1952. 160 p. 157.41 C3379
Includes publications of the Agriculture Division.

69749 U. S. BUR. OF THE CENSUS. United States census of agriculture, v. 1, pts. 7, 9-10, 12, 15, 20, 28, 31. Washington,1952. 8 v. 157.41 C332
Data for Wisconsin, Iowa, Missouri, Nebraska, Virginia and West Virginia, Tennessee, Idaho, and Utah and Nevada.

69750 U. S. ECONOMIC COOPERATION ADMIN. Country data book, 1951. Washington,1951? 15 v. 173.2 Ec72Cou
Reports for Austria, Denmark, Belgium—Luxemburg, France, Germany, Greece, Iceland, Ireland, Italy, Netherlands, Norway, Portugal, Sweden, Turkey, United Kingdom. Each contains a section of statistics on food and agriculture.

69751 U. S. PRODUCTION AND MARKETING ADMIN. Agricultural conservation program; conservation practice summary, 1936 to 1949. Washington,1951. 78 p. 1.956 F45Ag823

69752 VENTURA COUNTY, CALIFORNIA. AGRICULTURAL COMMISSIONER. Annual report crop statistics 1951. n.p.,1951. 14 p. 81 V56

69753 WEST, H. W. Current economic production in the Malay Peninsula. Manchester Geog. Soc. J. 55:91-107. 1949/50,pub.1951. 501 M31
Includes statistics of agricultural production.

69754 WESTERN AUSTRALIA. STATISTICIAN. Statistical register of Western Australia for 1949-50. V. Land settlement, agriculture, live stock, and meteorological statistics. Perth,1951. 92 p. 271.7 R26S

69755 WIRTH, H. Die besondere ernteermittlung im Bundesgebiet. Agrarwirtschaft 1:110-111. May 1952. 281.8 Ag826

BEVERAGES AND CONDIMENTS

69756 ADAMEC, E. Die anwendung künstlicher kälte in der kellerwirtschaft. Höhere Bundeslehr- u. Versanst. f. Wein-, Obst- u. Gartbau. Mitt. 2:59-65. Mar.1952. 105.9 K696
English summary.

69757 AGAPOV, V. V., ZUBANOV, D. S., and STROGANOV, N. A. Engineer Kovalev's method in the production of Soviet champagne. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):45-48. Aug.1951. 95.8 V77

69758 AMERINE, M. A. Dessert wine production problems of California grapes. V. Malvasia, Bianca, Muscat Canelli, and Orange Muscat. Wines & Vines 33(5):21, 23. (Concl.) May 1952. 95.8 C112

69759 BAQUE, Z. L'armagnac. Terre d'Oc 34:128-135. (Concl.) Apr.1952. 14 Ar5

69760 BARNETT, W. L. Notes on Jamaica rum. Jamaica. Dept. Govt. Chem. B. 1,8 p. 1951. 385 J222B

69761 BEARE, H., & SONS. The development of cider pressing. Bottler & Packer 26(5):114,117. May 1952. 390.8 B65

69762 BECK, J. E., and PRO, M. J. Report on spectrophotometric determination of phosphates in wines. Assoc. Off. Agr. Chem. J. 35:257-260. May 15,1952. 381 As7

69763 BENVEGNIN, L., CAPT, E., and PIGUET, G. Traité de vinification. Ed. 2, entirely rev. Lausanne, Payot,1951. 583 p. 390.1 B44T

69764 BERG, H. W., and MARSH, G. L. Dessert wine progress. Food Engin. 24(6):95-100,209. June 1952. 389.8 F737
Manufacture.

69765 BERMUDEZ ESPINOZA, S. Problemas del café en el Ecuador. Consorcio de Cent. Agr. de Manabí. Rev. 12(69):40-42. Jan./Mar.1952. 9.5 M31
Problems of the industry.

69766 BERTOLINI, L. H. Buena elaboración y conservación de vinos se puede conseguir con sencillos métodos. Mundo Agr. 4(35):22-25. Apr.1952. 9 M92

69767 BERTRAND, G., and SILBERSTEIN, L. Recherches sur le méthanol contenu dans le vin. Indus. Agr. et Aliment. 69:311-316. Apr.1952. 383 As7
English summary.

69768 BEVERIDGE, E. A. Using the coffee futures market. Coffee & Tea Indus. 75(6):15,86. June 1952. 389.8 Sp4

69769 BIEDERMANN, W. Die änderungen des säuregrades (pH) bei der abscheidung des weinsteins. Schweiz. Z. f. Obst- u. Weinbau 61:193-195. May 17,1952. 80 Sch9

69770 BOSE, M. VON. Die brauereien in den USA. Brauwelt 20:444-445. May 15,1952. 390.8 B732

69771 BRANDON, A. L. Report on trace elements in beer. Assoc. Off. Agr. Chem. J. 35:243-253. Ref. May 15,1952. 381 As7

69772 BRIAND, G. La situation viticole. Paysan Franç. 27(413):34. May 1952. 14 P29

69773 BRUGIRARD, A., and TAVERNIER, J. Sur le dosage des matières tannoïdes dans les cidres et les poires. Ann. des Falsif. et des Fraudes 45:108-110. Mar./Apr.1952. 389.8 An72
English summary.

69774 CARDONNE, F. L'assainissement du marché et la sous-consommation. Rev. Agr. de l'Afrique du Nord 50:73-76. Feb.1,1952. 80 R326
Wine.

69775 CARDONNE, P. Quelques réflexions sur la situation viticole. Tribune Agr. (n.s.)45(829):1. May 15, 1952. 24 T732
Algeria.

69776 CARRIÓN MORALES, V. Síntesis de la vitivinicultura en la contribución industrial. Semana Vitivinic. 7(300):7. (Cont.) Mar.29,1952. 95.8 Se5

69777 CASTELLI, T. Les levures de la fermentation du vin en Israel. Israel. Res. Council. B. 1(4):54-61. Feb.1952. 330.9 Is72B

69778 CASTELLI, T. To what point can good technique reduce the volatile acids in wines? (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:134-137. Apr.1952. 16 C72

69779 CERLETTI, G. B. Aspects and motives of the wine crisis; even common wine in bottles sealed in the "centrals." (In Italian.) Agricoltura 1(2):13-14. Feb. 1952. 16 Ag8226

69780 CLARAC, C. La situation vinicole au Maroc. Rev. Agr. de l'Afrique du Nord 49:898-901. Dec.14,1951. 80 R326

69781 CLARKE, W. T. Chocolate symposium: effects of fine grinding. Mfg. Confectioner 32(6):40,42. June 1952. 389.8 M31

69782 CLERCK, J. DE. La conduite de la fermentation. Louvain. U. Assoc. des Anciens Etud. en Brasserie B. 48:13-23. Mar.1952. 309.9 L93

69783 CODMAN, C. R. Years and years. Gourmet 12(6):22-23,43-45. June 1952. 389.8 G75
Wine vintages in France.

69784 COOK, L. R. A briefing on chocolate manufacture. Mfg. Confectioner 32(6):26-27,30-31,34. June 1952. 389.8 M31

69785 COONEN, N. H. Fresh coffee from the vacuum container, a comprehensive analysis of effect of vacuum packing on coffee flavor. Tea & Coffee Trade J. 102(5): 58-62,79-80. Ref. May 1952. 68.8 T22

69786 COSMO, I. The Italian grape and wine problem. (In Italian.) Agr. delle Venezie 6:165-168. Apr.1952. 16 Ag826

69787 COUPIN, A. La vigne et le vin en Espagne et au Portugal. Tunisie Agr. 53:39-56. Apr.1952. 24 T832

69788 DALMASSO, G. Giddy figures in world wine production. (In Italian.) Agricoltura 1(2):23-25. Feb. 1952. 16 Ag8226
English summary.

69789 DEAL, E. C. Report on spices and other condiments. Assoc. Off. Agr. Chem. J. 35:221-224. May 15,1952. 381 As7

69790 DEVREUX, A. La pratique dans la petite brasserie de fermentation haute. Petit J. du Brasseur 60:398-403. May 30,1952. 390.8 P44

69791 EGGENDORFER, T. Nur qualität kann den österreichischen weinbau erhalten. Österr. Weinztg. 7: 51. Apr.25,1952. 390.8 Os7

69792 EGOROV, A. A., KOTLIARENKO, M. R., and PREOBRAZHENSKII, A. A. Improvement of quality of alcoholized grape wines. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):6-8. Aug.1951. 95.8 V77

69793 EISENBERG, W. V. Report on extraneous materials in drugs, spices, and miscellaneous products. Assoc. Off. Agr. Chem. J. 35:328-330. May 15,1952. 381 As7

69794 ENSMINGER, L. G. Report on vanilla extracts and imitations; colorimetric determination of vanillin and coumarin. Assoc. Off. Agr. Chem. J. 35: 264-271. May 15,1952. 381 As7

69795 ETIENNE, A. D. Determination of alcohol in wine and the effect of temperature on the determination. Assoc. Off. Agr. Chem. J. 35:454-455. May 15,1952. 381 As7

69796 ETIENNE, A. D. Report on distilled spirits. Assoc. Off. Agr. Chem. J. 35:239-243. May 15,1952. 381 As7
Alcohol determination.

69797 FABIANO, P. Passito di Caluso. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:157-158. Apr.1952. 16 C72
A wine type.

69798 FERRERO, F. —what benefits a liter brings. (In Italian.) Agricoltura 1(2):15-16. Feb.1952. 16 Ag8226
Situation in the Italian wine industry.

69799 FERTMAN, G. I. A glass alcoholometer for determining the alcohol content in wine. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):23-24. Aug.1951. 95.8 V77

69800 FONTANILLE, H. Les modifications nécessaires du statut viticole. Algérie Agr. et Vitic. 30 (1205):1. May 3,1952. 24 AL37
France.

69801 GATIN, A. Pratique de l'usinage du Café arabica au Kivu et schemas d'usinage. B. de Doc. et de Tech. Agr. 5(16):3-75. Ref. Second Q.1951. 24 B873

69802 GERASIMOV, M. A. To conduct the wine-making season on a high technical level. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):4-5. Aug.1951. 95.8 V77

69803 GRAIONI, U. Wine publicity on new bases. (In Italian.) Agricoltura 1(2):17-22. Feb.1952. 16 Ag8226
Italy.

69804 GRULLY, E. DE. Projet de réforme du statut viticole. Prog. Agr. et Vitic. 137:251-257. May 4/11,1952. 14 P94
France.

69805 HEILMEIER, F. Die elektrophorese im dienste des brauers. Brauwissenschaft 5:89-91. Ref. May 1952. 390.8 B733

69806 HEINZL, E. Hochkulturen im lichte zweijähriger untersuchungen. Osterr. Weinztg. 7:52-53. Apr. 23,1952. 390.8 Os7
Quality of wine from different varieties and sources of grapes.

69807 HOW DESSERT wines are made today. Food Engin. 24(6):120-123. June 1952. 389.8 F737
A flow chart.

69808 HUGHES, F. C. The outlook for nutmegs in Grenada. Coffee & Tea Indus. 75(6):84. June 1952. 389.8 Sp4

69809 ILLIES, R. Über rohlakritzen. Zucker- u. Süsswaren-Wirt. 5:302-303. Apr.22,1952. 286.86 Z8

69810 JOHNSTON, W. R., and FOOTE, H. E. Desarrollo de un nuevo proceso para curar café. Consorcio de Cent. Agr. de Manabí. Rev. 12(69):20-25. Jan./Mar. 1952. 9.5 M31

69811 KAISER. Die mindestpreise für spirituosen in West-Berlin. Branntweinwirtschaft 74:139-141. Apr.25, 1952. 390.8 B7322

69812 KAPPELLER, K. Vanille und vanillin sowie ihre anwendungen in kakaoerzeugnissen. Zucker- u. Süsswaren-Wirt. 5:322,325. Apr.22,1952. 286.86 Z8

69813 KATZ, A. E. Research in the flavor industry. Coffee & Tea Indus. 75(6):83,85. June 1952. 389.8 Sp4

69814 KLEBER, W., and PAUKNER, E. Zur auflösung des malzes. II. Brauwelt 21:463-466. Ref. May 22,1952. 290.8 B732

69815 KOCH, J. Chocolate conching. Confectionery Prod. 18(5):325,327. May 1952. 389.8 C762

69816 KOCH, J. Road transport. Mfg. Confectioner 32(6):23. June 1952. 389.8 M31
Liquid chocolate.

69817 LANG, O. Die anwendung von kälte in kellereibetrieben. Kälte 5:51-54. 1952. 295.8 K122

69818 MAESTRO PALO, F. Los problemas del vinicultor. Ceres [Valladolid] 17(191):11. May 1,1952. 15 C33
The industry.

69819 MAL'TSEVA, M. A. Electric pasteurizer for wine. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):50-52. Aug.1951. 95.8 V77

69820 MARESCALCHI, C. Decline in wine consumption in urban centers. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(41):6. May 17,1952. 281.8 Ag3

69821 MARESCALCHI, C. Spring difficult in the wine cellar. (In Italian.) Terra e Sole 117:161. May 1952. 16 T273

69822 MARSH, G. L. New [Fessler] compound ends metal clouding. Wines & Vines 33(6):19-20. June 1952. 95.8 C122

69823 MASTRO PALO, F. La acidez del vino. Ceres [Valladolid] 17(449):6. Apr.15,1952. 15 C33

69824 MATHERS, A. P. Report on chromatographic adsorption of wines and distilled spirits. Assoc. Off. Agr. Chem. J. 35:253-255. May 15,1952. 381 As7

69825 MEL'NIKOV, A. I. At the enterprises of Azerbaidzhan Combine of Champagne Wines. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):55-58. Aug.1951. 95.8 V77

69826 MESTRE ARTIGAS, C. The manufacture of wines. (In Portuguese.) Fazenda 47(6):42-43. June 1952. 6 H11P

69827 MEYERS, E. W., and GRAHAM, A. S. Chocolate symposium: temper and its evaluation. Mfg. Confectioner 32(6):37-38,40. June 1952. 389.8 M31

69828 MICHAEL, G. A., and WILLIAMS, R. D. Report on vinegar. Assoc. Off. Agr. Chem. J. 35:229-231. May 15,1952. 381 As7

69829 MILLHAUSER, E. Quality wine -why not specific categories? Wines & Vines 33(5):6. May 1952. 95.8 C122

69830 NUNCIO BRAVO, P. Filtros y filtraciones. V-VI. Vinos, Viñas y Frutas 46:264-266,303-305. Dec. 1951-Jan.1952. 9 Ag89

69831 OFF. INTERNATIONAL DU VIN. XXXIe session officielle plénière du comité de l'O. I. V. (Madrid-Lisbonne-Porto, 10-21 septembre 1951) [rapports et exposés]. Off. Internatl. du Vin. B. 25(254): 13-78. Apr.1952. 390.8 B87
National reports on cooperation in wine manufacture.

69832 OLIVA, A. Producción vitivinícola de los Estados Unidos de Norte América. Vinos, Viñas y Frutas 46:340-341. Feb.1952. 9 Ag89
Includes statistics.

69833 OSSA U., R. La agricultura y con ella la industria vitivinícola no han atraido la atención estatal. Agrario 17:13-14,16,30. 1952. 9.3 Ag85
Chile.

69834 OSTERWALDER, A. Uber die durch bakterien verursachte zersetzung von weinsäure und glyzerin im wein; die bakterien der weinstein- und glyzerinzersetzung. Landwirt. Jahrb. der Schweiz. (n.s.)1:181-197. 1952. 17 L23

69835 OWENS, W. H. Your raw materials: the story of chocolate. Bakers' Natl. Assoc. Rev. 69:416-417. Mar.14,1952. 389.8 N214
History.

69836 PAN-AMERICAN COFFEE BUR. Coffee statistics, 1951. New York,1951. 72 p. (Release 15) 286.3689 P19
Annual digest.

69837 PARFENT'EVA, T. L. On coefficients of temperature expansion of wines. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):8-13. Aug.1951. 95.8 V77

69838 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Algo sobre los vinos espumosos. Semana Vitivinic. 7 (296):2-3. Mar.1,1952. 95.8 Se5

69839 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Breves ideas sobre el vermut. Semana Vitivinic. 7(295): 2-3. Feb.23,1952. 95.8 Se5

69840 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Elaboración del brandy. Semana Vitivinic. 7(297):2-3. Mar.8,1952. 95.8 Se5

69841 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Fabricación de licores. Semana Vitivinic. 7(298):2-3. Mar.15,1952. 95.8 Se5

69842 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Mas datos sobre licorería. Semana Vitivinic. 7(299):2-3. Mar.22,1952. 95.8 Se5

69843 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Notas prácticas sobre licores. Semana Vitivinic. 7(300): 2-3. Mar.29,1952. 95.8 Se5

69844 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Los rellenos. Semana Vitivinic. 7(290):2-3. Jan.19,1952. 95.8 Se5

69845 PIERINI, J. E. Por que añejan los vinos? Chacra 22(258):48. May 1952. 9 C34

69846 POHL, A. Einige gesichtspunkte zur eiweissstabilisierung der biere. Verssta. f. das Gärungsgewerbe. Mitt. 6:50-52. Mar./Apr.1952. 390.08 V67

69847 PONOMAREV, V. G. Method of determining stability of champagne during decanting. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):21-22. Aug.1951. 95.8 V77

69848 PRO, M. J. Report on spectrophotometric determination of tannin in wines and whiskies. Assoc. Off. Agr. Chem. J. 35:255-257. May 15,1952. 381 As7

69849 PUGLIESE, V. Wine is no longer fashionable. (In Italian.) Agricoltura 1(2):11-12. Feb.1952. 16 Ag8226

69850 RAEZ ALMAGRO, M. Perspectivas: sólo, cuando no exista escasez, podrá hablarse de libertad, dicen con razón los torrefactores del café. ICA; Indus. y Com. de la Aliment. 7(76):11-12. Mar.1952. 286.8 Ic1
Spain.

69851 ROBERTS, E. A. H. The chemistry of tea fermentation. J. Sci. Food & Agr. 3:193-198. Ref. May 1952. 382 So12

69852 RODOPULO, A. K. Objective method for determining iron in wine. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):13-14. Aug.1951. 95.8 V77

69853 ROE, J. E. Report on ether extract in prepared mustard. Assoc. Off. Agr. Chem. J. 35:224-228. May 15,1952. 381 As7

69854 ROGOVSKIĬ, A. K., and TSYGANOV, A. A. For fruit and berry wine-making scientifically-based standards for losses. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):20. Aug.1951. 95.8 V77

69855 RUF, W. Uber die anwendung der papierchromatographie zum nachweis von fremdfarbstoffen im wein. Z. f. Lebensmtl.-Untersuch. u. -Forsch. 94:190-194. Mar.1952. 384 Z39

69856 SALE, J. W. Report on alcoholic beverages. Assoc. Off. Agr. Chem. J. 35:237-239. May 15,1952. 381 As7

69857 SCHELLENBERG, A. Entstehen für den ostschweizerischen rotweinbau neue absatzsorgen durch die umstellung eines teils der westschweizerischen rebfläche auf rotwein? Schweiz. Z. f. Obst- u. Weinbau 61:183-185. May 17,1952. 80 Sch9

69858 SCHMIED, O. Der luftgehalt im flaschenbier, seine bedeutung und seine bestimmung. Verssta. f. das Gärungsgewerbe. Mitt. 6:47-50. Mar./Apr.1952. 390.08 V67

69859 SCRIBAN, R., and BISERTE, G. Some new findings on proteins in malting and brewing. Brewers Digest 27(5):47-48,52, May 1952. 390.8 B75

69860 SOVZENKO, D. S. Improvement of technology of fruit and berry wine manufacture. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):18-19. Aug.1951. 95.8 V77

69861 STANLEY, R. D. Report on organic solvents in flavors. Assoc. Off. Agr. Chem. J. 35:272-277. May 15,1952. 381 As7

69862 THERON, C. J. Wine-making on a small scale for home use. Woman & Her Home 4:67-68,70. Mar.1952. 321.8 W843

69863 TRUMBULL, H. A. Soluble coffee expansion. Coffee & Tea Indus. 75(6):16,54,86. June 1952. 389.8 Sp4

69864 VIDAL, J. P. L'Office International du Vin en Espagne. Rev. Agr. de l'Afrique du Nord 50:78-81. Feb.1,1952. 80 R326

69865 VIDAL, J. P. L'Office International du Vin au Portugal. Rev. Agr. de l'Afrique du Nord 50:116-119, 135-139. Feb.15-22,1952. 80 R326

69866 VIENNA. VERSUCHSSTATION FUR DAS GARUNGSGEWERBE. Bericht über die am 13. märz 1952 stattgefundene ordentliche generalversammlung der Versuchsstation für das Gärungsgewerbe in Wien. Verssta f. das Gärungsgewerbe. Mitt. 6:30-54. Mar./Apr.1952. 390.08 V67

69867 VIÑALS CAPELL, J. M. Estudio térmico de la fermentación vínica: grado de alcohol y calidad del vino según la temperatura de fermentación. Esc. de Peritos Agr. y de Especialidades Agropecuarias y Serv. Téc. de Agr. An. 10:5-49. 1951. 105.6 B233

69868 VOGL, C. Kornbranntwein als edelbranntwein. Branntweinwirtschaft 74:166-167. May 10,1952. 390.8 B7322

69869 WARKENTIN, H. Analytical evidences of improvement in brandy. (Extr.) Wines & Vines 33(5):15-16. May 1952. 95.8 C122

69870 WELCH, R. C. Chocolate symposium: milk and milk chocolate. Mfg. Confectioner 32(6):44,46-47. Ref. June 1952. 389.8 M31
Use of milk in milk chocolate.

69871 WILSON, J. B. Report on essential oils in emulsion flavors. Assoc. Off. Agr. Chem. J. 35:261-262. May 15,1952. 381 As7

69872 WILSON, J. B. Report on flavors and non-alcoholic beverages. Assoc. Off. Agr. Chem. J. 35:260-261. May 15,1952. 381 As7

69873 ZHELTKEVICH, G. G. Technological equations for calculating wine materials. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):16-17. Aug.1951. 95.8 V77

DAIRY PRODUCTS

69874 AMUNDSTAD, O. American dairy industry. (In Norwegian.) Landbrukstidende 58:204-207,228-230. (Cont.) Mar.12-19,1952. 11 L236

69875 AMUNDSTAD, O. Observations on vocational training in the dairy industry. (In Swedish.) Mejeritidskrift 14:5-8. Feb.1952. 44.8 M472
In Norway.

69876 BAL, A. L'industrie laitière du Congo Belge et du Ruanda-Urundi. Cour. Agr. 17(8):1,3-4. Apr.16, 1952. 24 C83

69877 BASSETT, C. J., and MCCLAIN, E. B. For profit sake know your costs. Milk Indus. Found. Conv. Proc. (1951) 44(3):12-32. 1952. 44.9 In8
Accounting.

69878 BENTERUD, T. Current problems in the dairy industry. (In Norwegian.) Meieriposten 41:282-288. Apr.19,1952. 44.8 M47

69879 BÉRARD, H. L. L'éleveur et l'industrie laitière. Québec Lait. 11(5):23-25,28. May 1952. 44.8 Q3
Costs and returns aspects, quality, and marketing.

69880 BERMEJO, F. La central lechera. I. Aliment. Nac. 12(210):2. Feb.25,1952. 389.8 AL42
Spain.

69881 BRAEUER, G. Gedanken zur milchkrise. Hannoversche Land- u. Forstwirt. Ztg. 105:524. May 24, 1952. 18 H194

69882 BRANDT, J. Dairy outlook encouraging. Calif. Dairyman 32(10):21. June 14,1952. 44.8 C12

69883 BRANNAN, C. F. The prospects for future milk supplies. Milk Indus. Found. Conv. Proc. (1951)44 (1):49-55. 1952. 44.9 In8

69884 BRAUSE. Como encara el Uruguay el fomento de su lecheria. (Extr.) Indus. Lech 34:85-92. Feb.1952. 44.8 In26

69885 BUCHANAN, F. A. A simplified plan for butterfat control in fluid milk plants. Milk Indus. Found. Conv. Proc. (1951) 44(3):38-43. 1952. 44.9 In8
Accounting.

69886 BURG, J. L. VAN DER. We go milking in California. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:234. Apr.16,1952. 44.9 AL3
Observations on a study tour.

69887 CHAPMAN, P. W. Dairy advantages in the South. Prog. Farmer, Tex. Ed. 67(6):44,67-68. June 1952. 6 T311

69888 CLARKE, G. M. Old bossie is glorified. Future Farmer 24(10):16-17. May/June 1952. 4 F983
Texas dairy industry.

69889 COOPERATIVE AUDITING SERV. Summary of comparative costs of operation, periods ending May 1, 1950 to April 30, 1951, cooperative creameries. Minneapolis,1951. 56 p. 284.9 C78

69890 CROSSLEY, E. L. Education and the dairy trade. Soc. Dairy Technol. J. 5:197-203. Apr.1952. 44.8 So12

69891 DAVIES, P. Milk for the world's children. Milk Indus. 32(11):42-47. May 1952. 44.8 M593

69892 DIDIER, A. La chaîne laitière. Belg. Lait. 5(20):7-9. July 1951. 44.8 B412

69893 DRAKELEY, T. J. The International Dairy Federation. Soc. Dairy Technol. J. 5:185-189. Apr.1952. 44.8 So12

69894 ELLSWORTH, P. R. Toward establishing and maintaining an effective field program. Milk Indus. Found. Conv. Proc. (1951) 44(5):25-30. 1952. 44.9 In8

69895 FARINET, P. Alarms for "Fontina." (In Italian.) Agricoltura 1(3):47-52. Mar.1952. 16 Ag8226

69896 FEIN, H. Eine studienreise nach Dänemark. Deut. Molk-Ztg. 73:503-504. Apr.25,1952. 44.8 Su2
Dairy industry.

69897 FLØISTAD, G. The dairy industry in East-Agder. (In Norwegian.) Meieriposten 41:280-281. Apr. 19,1952. 44.8 M47

69898 GEHUCHTE, E. VAN DE. Lait acidophile (reform yoghourt). Belg. Lait. 6(24):7-8. Mar.1952. 44.8 B412

69899 GREEN, E. M. Trends in the production and utilisation of dairy produce. Soc. Dairy Technol. J. 5:161-169. Apr.1952. 44.8 So12
Includes discussion.

69900 GRINDROD, J. The structure of the milk and dairy industry in Sweden. Milk Indus. 32(11):82-86. May 1952. 44.8 M593

69901 GRUEN, F. H. Trends in dairying in New South Wales. Agr. Gaz. N. S. Wales 63:121-124. Mar. 1952. 23 N472

69902 HAIBLE. Klarheit und stetigkeit. Deut. Molk.-Ztg. 73:688. May 30,1952. 44.8 Su2
Problems of the dairy industry.

69903 HAIBLE. Löhne und preise in der württembergischen milchwirtschaft. Deut. Molk.-Ztg. 72:1100-1101. Aug.31,1951. 44.8 Su2

69904 HAMEL, L. M. Un peu de l'histoire du Gruyère (son passé, son évolution, ses particularités). Lait 32:113-124. Jan./Feb.1952. 44.8 L143

69905 HAMILTON, T. K. There is always a better way. Milk Indus. Found. Conv. Proc. (1951)44(1):5-28. 1952. 44.9 In8

69906 HARTL, S. Der Milchhof Bayreuth als einer der jüngsten milchversorgungsbetriebe. Deut. Molk.-Ztg. 73:565-567. May 9,1952. 44.8 Su2

69907 HAYNES, D. O. Modern milk supply for Mexico's second largest city. Milk Dealer 41(8):42-43, 70. May 1952. 44.8 M595

69908 HEGG, M. Die frischmilchversorgung im fränkischen wirtschaftsraum. Deut. Molk.-Ztg. 73:558-560. May 9,1952. 44.8 Su2

69909 HILTL, F. Das investitionshilfegesetz und die molkereiwirtschaft. Molk.- u. Käserei-Ztg. 3:492-495. Apr.24,1952. 44.8 M736
Germany.

69910 HIRSCH, D. E. The trend toward large-scale and diversified dairy plants. DPMA News 7(8):8-11. 280.28 D144

69911 HODGSON, H. E., and REED, O. E. Manual de lacticinios para a América Tropical [Dairy manual for Tropical America]. U. S. Dept. State. Cent. Off. Translations. P.TC 290,327 p. 1951? 150 P942

69912 HOLMAN, C. W. The legislative outlook at the Washington level. Noeast. Dairy Conf. Annu. Rpt. 17: 5-9. 1952. 44.9 N818

69913 HOLMAN, C. W. To produce more milk; that is the question. Calif. Dairyman 32(10):54-55. June 14, 1952. 44.8 C12

69914 HOMAN, J. L. European dairy policy. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:335-337. May 21,1952. 44.9 AL3

69915 HORLACHER, M. Der neue Milchhof München. Landwirt. Wchnbl. 142:438-439. Apr.19,1952. 18 L2338

69916 INTERNATIONAL ASSOCIATION OF MILK CONTROL AGENCIES. Fifteenth annual meeting, Miami, Florida, November 15, 16 and 17, 1951. n.p.,1951 113 p. 280.3449 N212

69917 JACK, E. L. The California dairy industry moves ahead. Calif. Dairyman 32(10):22. June 14,1952. 44.8 C12

69918 JOHNSON, J. F. History of the Golden Guernsey Advisory Council. Guernsey Breeders' J. [Peterborough] 85:354-357. June 1,1952. 43.8 G93

69919 JOHNSON, J. F. History of Golden Guernsey, Inc. Guernsey Breeders' J. [Peterborough] 85:350-353, 390-391. June 1,1952. 43.8 G93

69920 KEILLING, J. A propos du débat—"beurre-margarine. Indus. Lait. (n.s.)67:85-86. Apr.1952. 44.8 In2

69921 KESTEVEN, K. V. L. World trends in milk production. Soc. Dairy Technol. J. 5:157-161. Apr.1952. 44.8 So12

69922 KILLENGREN, J. On the training of female dairy technicians. (In Norwegian.) Meieriposten 41:341-346. May 10,1952. 44.8 M47

69923 KINGSLAND, C. F. California's "milk factories"—pattern for us? N. J. Farm & Gard. 23(6):30, 32,53. June 1952. 6 G162
Interviewed by W. A. Haffert, Jr.

69924 KIRNER, G. Die gliederung der bayerischen milchwirtschaft. Deut. Molk.-Ztg. 72:1181-1182. Sept. 21,1951. 44.8 Su2

69925 KORRICK, F. C. Dairying in Argentina. Austral. Dairy Rev. 20(4):10,15. Apr.1,1952. 44.8 Au73

69926 KRACKER, P. Die bayerische milchwirtschaft. Deut. Molk.-Ztg. 73:567-571. May 9,1952. 44.8 Su2

69927 LEONIDAS, V. R. DE P. Aspects of the work of the Madeira Dairy Board. (In Portuguese.) Agros [Lisboa] 35:39-44. Jan./Apr.1952. 15.5 Ag82

69928 LOVERIDGE, G. Practical problems of the dairy industry. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11, p.11-14. Saskatoon,1951. 31.2 Sa72

69929 MAIR-WALDBURG, H. Kieler Milchwirtschaftliche Forschungsberichte. Deut. Molk.-Ztg. 73:657-658. May 23,1952. 44.8 Su2

69930 MARTINI, I. Technical, sanitary, and zootechnical aspects of the modern cheese industry. (In Italian.) Latte 26:155-156. Apr.1952. 44.8 L35

69931 MATTICK, A. T. R. Looking around the dairy industry. Soc. Dairy Technol. J. 5:180-184. Apr.1952. 44.8 So12
Great Britain.

69932 MAYER-DIETFURT, H. Allgäuer milchwirtschaftler besuchen die Schweiz. Deut. Molk.-Ztg. 72: 1228-1229. Sept.28,1951. 44.8 Su2

69933 MAYER-DIETFURT, H. Auszeichnung der molkereien von Rheinland-Pfalz. Deut. Molk-Ztg. 72: 922-923. July 20,1951. 44.8 Su2

69934 MAYER-DIETFURT, H. Erfolgreiche entwicklung der fränkischen milchwirtschaft. Deut. Molk.-Ztg. 72:777-778. June 15,1951. 44.8 Su2

69935 MAYER-DIETFURT, H. Leistungsstarke fränkische milchwirtschaft. Deut. Molk.-Ztg. 73:654-655. May 23,1952. 44.8 Su2

69936 MAYER-DIETFURT, H. Vierzig jahre Mannheimer Milchzentrale. Deut. Molk.-Ztg. 72:1510-1511. Dec.7,1951. 44.8 Su2

69937 MILK INDUSTRY FOUNDATION Convention proceedings, 44th, 1951. Washington,1952. 7 v. 44.9 In8

69938 MORSE, T. D. Milk supply and demand outlook. Milk Indus. Found. Conv. Proc. (1951) 44(5):51-58. 1952. 44.9 In8

69939 MÜCKE, R. Die württembergisch-badischen molkereien im leistungswettbewerb 1950. Deut. Molk.-Ztg. 72:775-776. June 15,1951. 44.8 Su2

69940 NADEAU, J. P. Importance économique de l'industrie laitière. Québec Lait. 11(5):16-22. May 1952. 44.8 Q3

69941 NERTINGER, J. Eiserne bestandsbewertung in der milchwirtschaft. Deut. Molk.-Ztg. 72:741-742. June 8,1951. 44.8 Su2

69942 NERTINGER, J. Die investitionshilfe der gewerblichen wirtschaft. Deut. Molk-Ztg. 73:493-495. Apr.25,1952. 44.8 Su2
Includes the dairy industry.

69943 NIELSEN, A. R. Yoghurt. Milk Indus. Found. Conv. Proc. (1951) 44(6):52-53. 1952. 44.9 In8

69944 NIEMEYER, G. Die spanische milchwirtschaft. Molk.- u. Käserei-Ztg. 3:582-583. May 8,1952. 44.8 M736

69945 NOACK, W. K. Auf der milchstrasse vom Atlantik zum Pazifik; streiflichter von einer reise durch die USA. Deut. Molk.-Ztg. 72:1128-1129,1189-1190, 1225,1283,1338-1339. Sept.7,21-28,Oct.12,26,1951. 44.8 Su2

69946 NORTHEASTERN DAIRY CONFERENCE. Annual report seventeenth annual meeting Apr. 8-9, 1952, Hotel Kimball, Springfield, Massachusetts. n.p., 1952. 73 p. 44.9 N818

69947 OHLENROTH, L. Allgäuer milchwirtschaft in der Römerzeit. Deut. Molk.-Ztg. 72:1039. Aug.17, 1951. 44.8 Su2

69948 OMDAHL, S. M. The dairy industry in Washington. Pacific Nowest. Grocer & Meat Dealer 47(5):3-4. May 1952. 286.28 P11

69949 PACIFIC DAIRY AND POULTRY ASSOCIATION. Yearbook and directory,1952. Los Angeles,1952. 80 p. 286.85 P112C

69950 PETERSEN, N. Cheddar-käse; herstellung—wirtschaftlichkeit—marktwert. Molk.- u. Käserei-Ztg. 3:684-685. May 29,1952. 44.8 M736

69951 PETRICH, K. Produktion von und versorgung mit molkereierzeugnissen und die wettbewerbsbedingungen der westdeutschen milchwirtschaft. Diplomlandwirt 2:30-31. Mar.1952. 18 D62

69952 PIRNER, H., JR. Planung, eine betriebswirtschaftliche aufgabe zum jahreswechsel. Deut. Molk.-Ztg. 72:1577-1579. Dec.21,1951. 44.8 Su2

69953 RAUSCH, K. Bau und einrichtung des Milchwerkes München-Ost. Deut. Molk.-Ztg. 73:437-440. Apr.10,1952. 44.8 Su2

69954 RAY, G. Technologie laitière. Ed. 2, entirely rev. Paris,Dunod,1951. 743 p. Ref. 44 R213

69955 REMPPEL, A. Milchbetriebe, preise und löhne. Deut. Molk.-Ztg. 72:1158-1159. Sept.14,1951. 44.8 Su2

69956 RODERER, J. Die milch- und molkereiwirtschaft in Oberfranken. Molk.- u. Käserei-Ztg. 3:628-629. May 15,1952. 44.8 M736

69957 RODRIGUES, M. Problems of milk production in the Northeast. (In Portuguese.) Agros [Lisboa] 34: 140-158. May/June 1951. 15.5 Ag82
Portugal.

69958 ROSENBAUM, R. How the dairy industry helps a nation. Agr. & Indus. Life 14(4):40-41. Apr.1952. 25 Ag8
Philippines.

69959 SACCO, P. The dairy economy in Belgium. (In Italian.) Com. di Com. Indus. e Agr. di Milano. Studi e Statis. 5(3):13-17. Mar.1952. 280.9 M587B

69960 SCAPACCINO, M. Stabilization of milk production. (In Italian.) Cam. di Com. Indus. e Agr. Vicenza. Not. Econ. 7(8):6. Apr.16,1952. 287 V662
Italy.

69961 SCHOLBY, C. R. Roads that lead to brighter horizons. South. Dairy Prod. J. 51(6):52-54. June 1952. 44.8 So83

69962 SCHULZ, G. Die aufgaben der praxis in der milchwirtschaft; Ministerialrat Kurt Schwerdtfeger, Bonn, auf einer grosskundigebung in Rendsburg. Deut. Molk.-Ztg. 72:1483. Nov.30,1951. 44.8 Su2

69963 SCHULZ, G. "Constructa" und bauen in der milchwirtschaft. Deut. Molk.-Ztg. 72:1071-1072. Aug.24,1951. 44.8 Su2

69964 SCHULZ, G. Pressebesichtigung milchwirtschaftlicher einrichtungen in Ostholstein. Deut. Molk.-Ztg. 72:983. Aug.3,1951. 44.8 Su2

69965 SCHULZ, G. 25-jahrfeier der Milchwirtschaftlichen Lehr- und Untersuchungsanstalt Hameln/Weser. Deut. Molk.-Ztg. 73:441-442. Apr.10, 1952. 44.8 Su2

69966 SCHULZ, G. Umbildung milchwirtschaftlicher organisationen in Westfalen-Lippe. Deut. Molk.-Ztg. 72: 1160-1161. Sept.14,1951. 44.8 Su2
Includes cooperatives.

69967 SCHULZ, M. E. Die milchwissenschaft und die steigerung des trinkmilchverbrauchs. Milchwissenschaft 7:142-144. May 1952. 44.8 M5933
Germany.

69968 SKREDEN, I. The dairy industry in Hedmark-Oppland in 1951. (In Norwegian.) Meieriposten 41:314-318. Apr.26,1952. 44.8 M47

69969 STARK. Berufsausbildung und qualitätsförderung in der fränkischen molkereiwirtschaft. Molk.- u. Käserei-Ztg. 3:554-556. May 8,1952. 44.8 M736

69970 STIGLOHER, M. Allgäuer DLG-sieger auf studienfahrt durch Südwürttemberg. Deut. Molk.-Ztg. 72: 1484-1485. Nov.30,1951. 44.8 Su2

69971 STIGLOHER, M. Fachliches treffen in Freudenstadt [Schwarzwald). Deut. Molk.-Ztg. 72:778-779. June 15,1951. 44.8 Su2

69972 STIGLOHER, M. Für das leben lernen wir; feier des 50jährigen bestehens der Staatlichen Molkereischule Weihenstephan am 28. und 29. september 1951. Deut. Molk.-Ztg. 72:1253-1255. Oct.5,1951. 44.8 Su2

69973 THOMSEN, H. Die technische planung einer molkerei. Molk.-Ztg. 6:413-414. Apr.24,1952. 44.8 M735

69974 U. S. BUR. OF DAIRY INDUSTRY. Publications of the Bureau of Dairy Industry relating to cheese. U. S. Bur. Dairy Indus. BDI-Inf-36,rev.,13 p. Apr.1952. 1.973 D4B34

69975 WOLF, C. La laiterie au Japon. Lait 32:125. Jan./Feb.1952. 44.8 L143

69976 WRIGHT, N. C. Some problems of tropical dairying. Soc. Dairy Technol. J. 5:149-157. Apr.1952. 44.8 So12
Includes discussion.

69977 ZEILER, K. 50 jahre Staatliche Molkereischule Weihenstephan. Deut. Molk.-Ztg. 72:1184-1186. Sept.21,1951. 44.8 Su2

Analysis and Composition

69978 BOGGS, H. M. Report on frozen desserts. Assoc. Off. Agr. Chem. J. 35:212-215. May 15,1952. 381 As7
Includes ice cream.

69979 BROUWER, T. The alkalinity of the ash of dried milks. Nederlands Melk-en Zuivelt ijdschr. 6:53-61. Jan./Mar.1952. 44.8 N283

69980 COMBERG, G. Die bestandteile der kuhmilch schwarzbunter tieflandrinder und ihr verhalten zueinander im verlaufe der laktation. Kühn-Arch. 64: 301-364. Ref. 1951. 105.8 H15Ku

69981 DEMETER, K. J. Wetter, milch und bakterien. Deut. Molk.-Ztg. 72:1065-1066. Aug.24,1951. 44.8 Su2

69982 DEMMLER, G. Über die qualität des im handel befindlichen alizarols. Deut. Molk.-Ztg. 73(22): inside front cover. May 30,1952. 44.8 Su2
Test for milk freshness.

69983 GEORGE, H. F. Protein stability in ice cream mixes. Canad. Diary & Ice Cream J. 31(5):58,66. May 1952. 44.8 C162

69984 GODBOLE, N. N. Estimation of A and B values and the butyro refractometer number in the valuation of the purity of ghee (butter fat). (Abs.) Oils & Oilseeds J. 4(9/10):40. Mar./Apr.1952. 307.8 O154

69985 GORDON, W. G., and SEMMETT, W. F. Isolation of a crystalline protein from milk. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:220-221. Mar.1952. 442.9 F31P

69986 GOULD, I. A. What story does your laboratory tell? Milk Indus. Found. Conv. Proc. (1951) 44(4):5-14. 1952. 44.9 In8

69987 HARMS, F. Fluoreszenzmikroskopie und milchhygiene. Berlin. u. Münch. Tierärztl. Wchnschr. 65:91-93. May 1952. 41.8 B45

69988 HAYN, W. Zur frage der fettgehaltsschwankungen. Deut. Molk.-Ztg. 72:1450-1451. Nov.23,1951. 44.8 Su2

69989 HERDER, P. C. DEN, and DIJKSTRA, F. Routine method for determining the fat content of viscous milk products (gruels and custards) by means of the butyrometer. (In Dutch.) Nederlands Melk-en Zuivelt ijdschr. 6:18-35. Jan./Mar.1952. 44.8 N283
English summary.

69990 HERREID, E. O. The modified Babcock test. Milk Indus. Found. Conv. Proc. (1951) 44(4):15-26. Ref. 1952. 44.9 In8
For milk fat.

69991 HERREID, E. O., and others. Report on fat in dairy products; methods for standardizing the Babcock test. Assoc. Off. Agr. Chem. J. 35:202-204. May 15, 1952. 381 As7
L. H. Burgwald, B. L. Herrington, and E. L. Jack, joint authors.

69992 HOLWERDA, K. The importance of the pH of culture media for the determination of the number of yeasts and bacteria in butter. Nederlands Melk-en Zuivelt ijdschr. 6:36-52. Jan./Mar.1952. 44.8 N283

69993 HORWITZ, W. Report on dairy products. Assoc. Off. Agr. Chem. J. 35:192-193. May 15,1952. 381 As7

69994 JOINER, C. R. Report on sediment tests in milk and cream. Assoc. Off. Agr. Chem. J. 35:340-345. May 15,1952. 381 As7

69995 KELLER, K. Qualitätsförderung und schmutzprobe. Deut. Molk.-Ztg. 72(35):inside front cover. Aug.31,1951. 44.8 Su2

69996 KELLERMANN, R. Reduktaseprobe und säuregradbestimmung bei der anlieferungskontrolle der milch. Deut. Molk.-Ztg. 72:1421-1422. Nov.16,1951. 44.8 Su2

69997 LOHNER, J. Fettschwankungsursachen. Landwirt. Wchnbl. 142:435. Apr.19,1952. 18 L2338

69998 LONCIN, M., and JACQMAIN, D. Der einfluss der lipase auf die säuerung der milch. Deut. Molk.-Ztg. 72:1154-1155,1188-1189. Sept.14-21,1951. 44.8 Su2

69999 LYTHGOE, H. C. Cryoscopic determination of added water in milk. Assoc. Off. Agr. Chem. J. 35: 442-453. Ref. May 15,1952. 381 As7

70000 MATALLANA VENTURA, S. Los microbios ante la leche y sus productos derivados. España Agr., Jan.1952:3-4. 335.8 Es6

70001 MEISER, J. A., and LUCAS, P. S. Modified Babcock procedures for testing ice cream mix. Canad. Dairy & Ice Cream J. 31(5):39-40,74. Ref. May 1952. 44.8 C162

70002 MINUT, J. Un queso fresco de inmediato consumo. Uruguay. Min. de Ganad. y Agr. B. Inform. 407:21. (Concl.) Mar.13,1952. 9.9 G15B
Composition and nutritive value.

70003 MINUT, J. Lo real y lo irreal de la colimetria Indus. Lech 33:397-399,402-407,436. Aug.1951. 44.8 In26
Milk.

70004 MULVANY, J. L. Determinación de la materia grasa en la leche. Chacra 22(258):19,45. May 1952. 9 C34

70005 MUSSO, C. Considerations on the characteristics of milk distributed in the city of Turin during 1946-1951. (In Italian.) Mondo del Latte 4:205-206,209-210. Apr.1952. 44.8 M74
English summary.

70006 NELSON, G. A., and THORNTON, H. R. The lactic streptococci in Edmonton milks and creams. Canad. J. Technol. 30:130-135. May 1952. 470 C16F
Streptococcus lactis and S. cremoris,

70007 PERLMUTTER, S. H., and HORWITZ, W. Report on sampling, and preparation of sample, of soft cheeses. Assoc. Off. Agr. Chem. J. 35:204-212. May 15,1952. 381 As7

70008 RIEDEL, W. Lab, labstärke, labfähigkeit der milch. Deut. Molk.-Ztg. 72:1277-1278,1306-1308. Oct.12-19,1951. 44.8 Su2

70009 ROEDER, G. Betrachtungen über die resazurinprobe im vergleich zur methylenblau-reduktaseprobe im dienste der anlieferungskontrolle. Deut. Molk.-Ztg. 72:1005-1006,1042-1043. Ref. Aug.10-17, 1951. 44.8 Su2

70010 ROMANO YALOUR, J. G. Consideraciones sobre algunos conceptos de alimentos: leche—manteca y quesos; nota complementaria: análisis sumario y especificaciones sobre manteca. Indus. Lech 34:79-80,82,84. (Cont.) Feb.1952. 44.8 In26

70011 SAITNER, M. Haltbarkeitsprüfung der butter aus den bayerischen markenbutterbetrieben. Deut. Molk.-Ztg. 72:1186-1188. Sept.21,1951. 44.8 Su2

70012 SALATI, W. About the determination of the title of the rennet. I. (In Italian.) Mondo del Latte 4:213, 215-217. Apr.1952. 44.8 M74
English summary.

70013 SCHROEDER, P. H. Qualitätsprüfungen bei den buttereinlagerungen. Deut. Molk.-Ztg. 72:1041. Aug.17,1951. 44.8 Su2

70014 SCHULZ, M. E., and MROWETZ, G. Der "relative kaseingehalt" von käse. Deut. Molk.-Ztg. 73: 495-496,530-532. Apr.25-May 2,1952. 44.8 Su2

70015 SCHWARZ, G., and LANGE, W. Säurebildung und erhitzungsnachweis; einfluss der azidität auf den ausfall des phosphatase-nachweises in kurzzeiterhitzter milch und daraus gewonnener molke. Deut. Molk.-Ztg. 72:1094-1096,1124-1126. Aug.31-Sept.7,1951. 44.8 Su2

70016 SCOTT, D. B. Report on extraneous materials in dairy products. Assoc. Off. Agr. Chem. J. 35:330-334. May 15,1952. 381 As7

70017 SHEPHERD, E. Hygiene in the industry: examining the ice cream; general aspects of bacteriological analysis. Ice Cream Indus. 29:529-530. (Cont.) May 1952. 389.8 Ic24

70018 SIMONART, P., and MAYAUDON, J. Étude chromatographique de fromages. I. Nederlands Melk-en Zuivelttijdschr. 6:1-17. Ref. Jan./Mar.1952. 44.8 N283
English summary.

70019 SIMONART, P., CHOW, K. Y., and HUBERLANT, J. Une méthode simple pour l'épreuve de la phosphatase. Agricultura [Louvain] 49:180-185. Dec. 1951. 13 R32
Of dairy products.

70020 SMYTHE, V. R. A laboratory whirler for determining counts of thermoduric organisms in raw milk supplies. Queensland J. Agr. Sci. 8:14-18. Mar.1951. 23 Q37

70021 SOMMER, H. H. The fat emulsion in milk from a chemical standpoint. Cherry-Burrell Circle 37 (5/6):3-5,7-8. (Cont.) May/June 1952. 44.8 C42

70022 STANDARDIZATION of methods for the analysis of milk and dairy products in the Netherlands. II. Nederlands Melk-en Zuivelttijdschr. 6:62-74. Jan./Mar.1952. 44.8 N283
Standards set up by the Scientific Committee for the Standardization of Methods for the Analysis of Milk and Dairy Products.

70023 STIGLOHER, M. Schmelzkäse geprüft und erörtert. Deut. Molk.-Ztg. 72:1511-1512. Dec.7,1951. 44.8 Su2

70024 TEAL, E. Butterfat trends and variations. Mich. Milk Messenger 35:6. May 1952. 44.8 M582

70025 TEWES, G., and GAVÉL, L. VON. Keimfreie sterilmilch. Deut. Molk.-Ztg. 73:563-564. May 9,1952. 44.8 Su2

70026 VOIRET. Conservation des échantillons de lait en vue de leur analyse. Lait 32:169-172. Mar./Apr. 1952. 44.8 L143

70027 WATROUS, G. H., JR., DOAN, F. J., and JOSEPHSON, D. V. The significance of psychrophilic bacteria in milk. Milk Indus. Found. Conv. Proc. (1951) 44(4):49-55. Ref. 1952. 44.9 In8

70028 WEBER, A. L., and EDELSON, H. Report on the preparation of butter samples. Assoc. Off. Agr. Chem. J. 35:194-201. May 15,1952. 381 As7

70029 WILKINS, D. Butter fat tests. Milk Messenger 29(4):2-3,8. Apr.1952. 44.8 M5925

70030 ZIEGE, E. Die milchsäurebakterien und ihre bedeutung für die milchwirtschaft. Molk.-Ztg. 6:376. (Cont.) Apr.10,1952. 44.8 M735

70031 ZIEGE, E. Die milchsäurebakterien und ihre bedeutung für die milchwirtschaft. Molk.-Ztg. 6:485. (Cont.) May 8,1952. 44.8 M735

Consumption and Utilization

70032 BAUM, E. L., and ELKINTON, C. M. Preference in the use of butter and oleomargarine in Spokane, Washington. Wash. Agr. Expt. Sta. C. 187,8 p. May 1952. 100 W27S

70033 GENIN, G. L'emploi de la caséine dans la fabrication des peintures-émulsion modernes. Lait 32: 218-225. Mar./Apr.1952. 44.8 L143

70034 KASTENS, M. L., and BALDAUSKI, F. A. Chemicals from milk; a staff-industry collaborative report. Indus. & Engin. Chem. 44:1257-1268. June 1952. 381 J825

70035 KUJAWSKI, J. S. An armed services report to industry. (Abs.) Amer. Dry Milk Inst. Briefly 27:12-13. 1952. 44.9 Am35Br
Consumption.

70036 MCDUFFEE, C. A. New opportunities—cake eaters. (Abs.) Amer. Dry Milk Inst. Briefly 27:8. 1952. 44.9 Am35Br
Use of dried milk in cakes.

70037 PAHLKE, A. F. Expanding sales—meat products. (Abs.) Amer. Dry Milk Inst. Briefly 27:10-11. 1952. 44.9 Am35Br
Use of dry milk solids in sausage manufacture.

70038 PARIZEAU, L. P., BELANGER, J. L., and ROBERT, A. Mémoire sur l'utilisation du lait. Québec Lait. 11(5):40,48. May 1952. 44.8 Q3

70039 REIMOSER. Rentable molkenverwertung. Osterr. Milchwirt. 7:102-103. Apr.21,1952. 44.8 Os72

70040 WEBB, H. B. Utilisation of milk protein in America. (Abs.) Milk Messenger 29(5):7-8. May 1952. 44.8 M5925

Distribution, Marketing, and Transportation

70041 BARTLETT, R. W. The changing pattern of milk distribution. Ill. Farm Econ. 203:1340-1347. Apr. 1952. 275.28 IL5

70042 BELL, E. W. Cooperative marketing serves the dairy farmer. Our Milk 7(9):2-3. June 1952. 280.28 Ou7

70043 BOWRING, J. R. Supply and price relationships for New Hampshire fluid milk markets. N. H. Agr. Expt. Sta. B. 389,15 p. Apr.1952. 100 N45

70044 BRAMKAMP, L. Dairy Month is all the time. Calif. Dairyman 32(10):56. June 14,1952. 44.8 C12

70045 BRAND, A. La commercialisation du lait et des produits laitiers en Suisse. France. Min. de l'Agr. B. Tech. d'Inform. 68:253-257. Apr.1952. 14 F844B

70046 BRINKMANN, C. H. Milk vending. Noeast. Dairy Conf. Annu. Rpt. 17:43-47. 1952. 44.9 N818

70047 CARLSON, C. M. Meeting sales demands—1952. (Abs.) Amer. Dry Milk Inst. Briefly 27:2-3. 1952. 44.9 Am35Br

70048 CRONSHEY, R. H. Quality relative to sales. (Excerpts.) Creamery Coop. [Los Angeles], May/June 1952:14-17. 280.28 C86
Dairy products.

70049 DAIRYLAND COOPERATIVE ASSOCIATION. Annual report 1951. n.p.,1951. 16 p. 44.9 D147

70050 DELOACH, D. B. Marketing research as a tool of management. Milk Indus. Found. Conv. Proc. (1951) 44(3):33-37. 1952. 44.9 In8

70051 DOBSON, W. D. How can we sell more cottage cheese? Milk Indus. Found. Conv. Proc. (1951) 44(6): 43-47. 1952. 44.9 In8

70052 EFKES, U. Die Milchgaststätte Fürth in Bayern; eine beispielhafte werbung für die steigerung des milchverbrauches. Deut. Molk.-Ztg. 72:1070-1071. Aug.24,1951. 44.8 Su2

70053 ELWELL, E. S. Which way next? Milk Indus. Found. Conv. Proc. (1951) 44(6):39-42. 1952. 44.9 In8
Milk delivery.

70054 EPPLE, W. S. June Dairy Month puts dairy industry in limelight—for more sales. Calif. Dairyman 32(10):24,32. June 14,1952. 44.8 C12

70055 ESCHE. Betriebswirtschaftliche und marktwirtschaftliche betrachtungen zur milchverwertung. I-II. Deut. Molk.-Ztg. 72(49):inside front cover; (50):inside front cover. Dec.7-14,1951. 44.8 Su2

70056 FEIN, H. Beanstandungen oder "mängelrügen" bei butter. Deut. Molk.-Ztg. 72:1477-1478. Nov.30,1951. 44.8 Su2
Marketing.

70057 FISHER, A. C. A system of bulk milk cooling in farm tanks and tank transportation to market-developed for the Connecticut market. Noeast. Dairy Conf. Annu. Rpt. 17:63-73. 1952. 44.9 N818

70058 GERMANN, K. Milchablieferung und milchpreis. Deut. Molk.-Ztg. 72(23):inside front cover. June 8,1951. 44.8 Su2

70059 GORDON, G. E. "June Dairy Month" and the dairyman. Calif. Dairyman 32(10):30. June 14, 1952. 44.8 C12

70060 GT. BRIT. MILK MARKETING BOARD. Report on the working of the Milk Marketing Scheme for the year ended 31st March, 1952. Home Farmer 19(5):10-24. May 1952. 280.244 H75

70061 GRIER, E. W. Pattern for promotion. West. Dairy J. 8(8):24-25. June 1,1952. 44.8 W524

70062 HEESCH, A. Krisis auf dem buttermarkt. Fette u. Seifen 54:249-250. Apr.1952. 384 C422
Germany.

70063 HEINECKE, E. Streiflichter vom amerikanischen "milchweg zur gesundheit." Deut. Molk.-Ztg. 72(29):inside front cover. July 20,1951. 44.8 Su2

70064 HOMAN, E. L. Merchandising dairy products. South. Dairy Prod. J. 51(6):120-122,126-127. June 1952. 44.8 So83

70065 HOMME, H. A. Fluid milk or cream for Iowa creameries? Iowa. State Col. Agr. Ext. Iowa Farm Sci. 6(11):183-184. May 1952. 275.28 Io94
Marketing situation.

70066 HUNT, C. W. Three-day delivery. Milk Indus. Found. Conv. Proc. (1951) 44(6):36-38. 1952. 44.9 In8

70067 JENNINGS, R. T. Trucking survey: C. Fundamental principles of sound fleet management. Milk Indus. Found. Conv. Proc. (1951) 44(7):18-30. 1952. 44.9 In8

70068 JOHNSON, A. H. More sales through merchandising. Milk Dealer 41(8):106,108-112,114,118-120, 122. May 1952. 44.8 M595
Dairy products.

70069 KELLEY, N. D. Building sales that stay sold. Noeast. Dairy Conf. Annu. Rpt. 17:57-62. 1952. 44.9 N818
Dairy products public relations.

70070 KIEFER, A. Um die probleme des buttermarktes. Molk.- u. Käserei-Ztg. 3:567-568. May 8,1952. 44.8 M736
Germany.

70071 KIEFER, A. Milchwerbung in Nordrhein-Westfalen läuft an. Molk.- u. Käserei-Ztg. 3:632-633. May 15,1952. 44.8 M736

70072 KLEINMAN, J. R., and others. Symposium: our experiences with concentrated whole milk. I-IV. Milk Indus. Found. Conv. Proc. (1951) 44(6):54-62. 1952. 44.9 In8
R. L. Maxfield, T. W. Hallam, and P. P. Miller, joint authors.
Marketing.

70073 KOCH, G. Milchpavillon—milchbar; eine kritische betrachtung zur milchwerbung. Deut. Molk.-Ztg. 72:774-775. June 15,1951. 44.8 Su2

70074 LALANNE, R. Plaidoyer pour une propagande. Tech. Lait. 8(106):7-8. May 23,1952. 44.8 Of2
France.

70075 MCMANUS, J. A. Market trends in cheese industry. Canad. Dairy & Ice Cream J. 31(5):41-42,84. May 1952. 44.8 C162

70076 MULLER-PREETZ, H. Ein wort aus der praxis zur absatzwerbung für trinkmilch. Milchwissenschaft 7:145. May 1952. 44.8 M5933
Germany.

70077 NORSKE MELKEPRODUSENTERS LANDSFORBUND. Beretning[Report of Norwegian Milk Producers National Association] 1951. Oslo,1952. 124 p. 44.9 N817

70078 OHIO DAIRY PRODUCTS ASSOCIATION. Panel discussion on selling Golden Guernsey milk. Guernsey Breeders' J. [Peterborough] 85:360-363. June 1,1952. 43.8 G93

70079 PETERSEN, W. E. Mechanical refrigeration for wholesale milk trucks. Milk Indus. Found. Conv. Proc. (1951) 44(7):37-41. 1952. 44.9 In8

70080 PICKEL, W. Starkes gewicht der milchwirtschaft auf dem Deutschen Raiffeisentag 1951. Deut. Molk.-Ztg. 72:890-891. July 13,1951. 44.8 Su2

70081 PITTSBURGH DISTRICT DAIRY COUNCIL. Report of Dairy Council annual meeting—now 31st year. Dairymen's Price Rptr. 34(5):2-4. May 1952. 280.28 D14
Public relations.

70082 RAMSEY, R. J. Wishful thinking dosen't mean good cottage cheese sales. Milk Indus. Found. Conv. Proc. 1951 44(2):52-53. 1952. 44.9 In8

70083 REID, A. W. The effective use of milk delivery transport. Dairy Indus. 17:422-428. May 1952. 44.8 D1427
Great Britain.

70084 REMALEY, R. J. Consumer package sales of nonfat dry milk solids in a fluid milk area. Noeast. Dairy Conf. Annu. Rpt. 17:49-52. 1952. 44.9 N818

70085 REMALEY, R. J. Consumer package sales of nonfat dry milk solids in a fluid milk area. South. Dairy Prod. J. 51(6):105-106,108. June 1952. 44.8 So83

70086 RICHARDS, O. N. Sell our way to success. Noeast. Dairy Conf. Annu. Rpt. 17:53-56. 1952. 44.9 N818
Advertising of milk.

70087 SCHOBY, C. R. Doing for dairying. Milk Indus. Found. Conv. Proc. 1951.44(1):56-60. 1952. 44.9 In8
Public relations.

70088 SCHRÖDER-ETZDORF, M. Milch zwischen landwirtschaft und industrie. Deut. Molk.-Ztg. 73:623-624. May 16,1952. 44.8 Su2
Marketing problems.

70089 SCHULZ, G. Der neubau am römerring in Minden. Deut. Molk.-Ztg. 72:1363-1365. Nov.2,1951. 44.8 Su2
Cooperative dairy.

70090 SMITH, C. M. Trucking survey: B. The importance of knowing and recording truck operating costs. Milk Indus. Found. Conv. Proc. (1951) 44(7):8-17. 1952. 44.9 In8

70091 SMITH, E. J. How Detroit dairymen organized to fill speaking engagements. Milk Indus. Found. Conv. Proc. (1951) 44(6):5-11. 1952. 44.9 In8

70092 STALLONES, B. E. What producers are thinking about; a report to members of South Texas Producers Association. Milk Prod. [Houston] 17(6):4-5. June 1952. 44.8 M5993

70093 STIGLOHER, M. Ausweitung des aufgabenbereiches der Süddeutschen Butter- und Allgäuer Käsebörse. Deut. Molk.-Ztg. 72:831-832. June 29,1951. 44.8 Su2

70094 STIGLOHER, M. 50. Geburtstag der Vereinigten Käsereien des Württ. Allgäus e.G.m.b.H. Dürren. Deut. Molk.-Ztg. 72:860-861. July 6,1951. 44.8 Su2
Cooperative.

70095 SWARTZ, D. M. Production and sales records for milk distributing cooperatives. U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Misc. Rpt. 159,49 p. Feb.1952. 166.3 M68

70096 SYMONS, M. O. Merchandising trends in ice cream. Ice Cream Rev. 35(11):106,108-112,114-115. June 1952. 389.8 Ic22

70097 TRINKMILCH-marktverhältnisse in den USA. Deut. Molk.-Ztg. 72:1541-1543,1580-1581. Dec.14-21, 1951. 44.8 Su2
Brief papers by Herfel, Schmid, Möller, Feltens, and Hagenmüller.

70098 U. S. PRODUCTION AND MARKETING ADMIN. Federal milk marketing orders. Washington,1951. 19 p. 1.956 D14F312

70099 WANZER, H. S. We like E. O. D. Milk Indus. Found. Conv. Proc. (1951) 44(6):33-35. 1952. 44.9 In8
Deliveries.

70100 WERNER, R. T. Cottage cheese sales promotion plan. Milk Indus. Found. Conv. Proc. (1951) 44 (6):24-26. 1952. 44.9 In8

70101 WESTPHAL. Milchverbrauchssteigerung durch "ausgesuchte" milchqualität. Molk.- u. Käserei-Ztg. 3:562-563. May 8,1952. 44.8 M736

70102 WILCOX, F. P. A new field of consumers for the county's greatest agricultural product. Calif. Dairyman 32(10):7,57,66. June 14,1952. 44.8 C12
Public relations in the milk industry.

70103 WILD. Der neue milchkaufvertrag. Allgäuer Bauernbl. 20:234-235. May 8,1952. 18 AL53

70104 WILSON, B. A. Is your dippin' slippin'? Ice Cream Field 59(6):34,36,38,40. June 1952. 389.8 Ic23
Ice cream marketing.

Grading, Inspection, Standardization, and Quality

70105 BRATLIE, O. Cleansing preparations and graded milk. (In Norwegian.) Meieriposten 41:305-308. Apr.26,1952. 44.8 M47

70106 CORBOULD, A. Milk quality. Austral. Dairy Rev. 20(4):16-17. Apr.1,1952. 44.8 Au73

70107 CORDES, W. A. Superior flavor and keeping quality in cottage cheese and buttermilk. Milk Indus. Found. Conv. Proc. 1951 44(2):49-51. 1952. 44.9 In8

70108 DAHLBERG, A. C. Progress report on the National Research Council. Milk Indus. Found. Conv. Proc. (1951) 44(4):44-48. 1952. 44.9 In8
Regulation and quality of milk.

70109 DAVIS, J. G. Bacteriological standards for milk and milk products. I. Dairyman 69:347,349,351, 353. June 1952. 44.8 D1426

70110 GABEL, W. Bemerkungen zum derzeitigen entwurf der neufassung der speiseeis-verordnung. Zucker- u. Süsswaren-Wirt. 5:315-316,318. Apr.22,1952. 286.86 Z8
Germany.

70111 GABEL, W. Zur kennzeichnung der speiseeishalberzeugnisse. Deu.t Molk.-Ztg. 72:1129-1130. Sept. 7,1951. 44.8 Su2
Regulation.

70112 GASCO, G. Milk policy and the veterinarian. (In Italian.) Prog. Vet. 7:301-302. May 1,1952. 41.8 P942

70113 GHIGGOILE, O. A. Supervision of California's market milk supply. Calif. Dairyman 32(10):44,46. June 14,1952. 44.8 C12

70114 GUM, R. Trinkmilch wirbt durch qualität. Deut. Molk.-Ztg. 72:1182-1183. Sept.21,1951. 44.8 Su2

70115 HELLMICH, K. Zur frage gesunder milch. Deut. Molk.-Ztg. 73:621-623. (Cont.) May 16,1952. 44.8 Su2
Udder diseases of cattle.

70116 HEMMES, G. D. Disease germs through human handling of milk and preventive measures. (In Dutch.) Nederlands Melk-en Zuiveltijdschr. 6:94-98. Jan./Mar.1952. 44.8 N283

70117 HUNDT, H. Umstrittener umlageparagraph 20 MFG. Molk.-Ztg. 6:549. May 22,1952. 44.8 M735
Marketing regulation in Germany.

70118 JØRGENSEN, H. The quality control with Danish Emmental cheese. (In Danish.) Nord. Mejeri-Tidsskr. 18:53-54. 1952. 44.8 N752

70119 JUDKINS, H. F. We build quality into our products and what happens? Milk Indus. Found. Conv. Proc. 1951.44(1):29-35. 1952. 44.9 In8
Handling.

70120 KAPELLER, K. Die trinkmilch im spiegel der argentinischen lebensmittelgesetzgebung. Milchwissenschaft 7:147-148. May 1952. 44.8 M5933

70121 KOCH, G. Gedanken zur niedersächsischen anordnung über qualitätsbezahlung. Deut. Molk.-Ztg. 73. 689. May 30,1952. 44.8 Su2

70122 LEGAL, R. La Grande-Bretagne laitière. Vie Lait. 8(154):2. (Cont.) Apr.25,1952. 44.8 V67
Milk quality.

70123 MCKERROW, G. W. Color progress in Guernsey milk during the past 75 years. Guernsey Breeders' J. [Peterborough] 85:349,390. June 1,1952. 43.8 G93

70124 MCLEOD, A. The standard, a nail in your coffin? Confectionery News 86(9):65. Apr.25,1952. 389.8 C764
Ice cream in Great Britain.

70125 MATALLANA VENTURA, S. Los antibióticos y la leche. Siembra [Madrid] 8(3):7-9. Mar.1952. 15 Si1

70126 MAYER, T. Die neuen bayerischen bestimmungen über den vollzug des milch- und fettgesetzes und die bearbeitungspflicht. Deut. Molk.-Ztg. 72:1222-1223. Sept.28,1951. 44.8 Su2

70127 MAYER-DIETFURT, H. Käseprüfung der DLG in München. Deut. Molk.-Ztg. 73:533-535. May 2, 1952. 44.8 Su2

70128 OLDENBURG. Milcherzeuger, molkerei und milchhändler müssen gemeinsam für güte der trinkmilch sorgen. Deut. Molk.-Ztg. 73(20):inside front cover. May 16,1952. 44.8 Su2

70129 OREGON. DEPT. OF AGRICULTURE. Oregon fluid milk act and regulations, 1951. Oreg. Div. Foods & Dairies. Pam. FD 64,30 p. 1951. 30.48 Or3

70130 PAIN, P. The law relating to ice cream; how it applies in Northern Ireland. Ice Cream Indus. 29: 538-539. May 1952. 389.8 Ic24

70131 PIEN, J. Pour la pasteurisation obligatoire du lait de consommation. Lait 32:1-19,157-168. (Cont.) Jan./Feb.-Mar./Apr.1952. 44.8 L143

70132 PIRNER, H. Brauchen wir die markenmilch? Deut. Molk.-Ztg. 72:1423. Nov.16,1951. 44.8 Su2

70133 PIRNER, H. Die neue butter- und die neue käseverordnung. Deut. Molk.-Ztg. 72:772-774. June 15, 1951. 44.8 Su2

70134 REINART, A., and BROWN, R. W. Standardizing the colour of butter. Canad. Dairy & Ice Cream J. 31(5):31-33,78. May 1952. 44.8 C162

70135 RODSKY, B. Saga of the "glass swallower." Milk Plant Mon. 41(5):34-35. May 1952. 44.8 C864
Claims and suits for milk contamination.

70136 SAITNER, M. Es geht um den guten ruf der deutschen markenbutter. Deut. Molk.-Ztg. 73:433-434. Apr.10,1952. 44.8 Su2

70137 SAITNER, M. Von der durchführung der DLG-butterprüfung 1951. Deut. Molk.-Ztg. 72:716-717. June 1,1951. 44.8 Su2

70138 SCHMID, H. Qualitätsmilch in Schweden. Grüne 80:516. May 9,1952. 17 Sch9

70139 SCHOBER, R. Wert und hygiene der trinkmilch. Deut. Molk.-Ztg. 72(48):inside front cover. Nov.30,1951. 44.8 Su2
Chiefly sanitation.

70140 SCHROEDER, P. H. Ist die qualität der eingelagerten butter wirklich so schlecht gewesen? Deut. Molk.-Ztg. 73:529-530. May 2,1952. 44.8 Su2

70141 SCHWARZ. Käsereitauglichkeit der milch und käsereitechnische hilfsmittel. I-II. Deut. Molk.-Ztg. 72(45):inside front cover; (46):inside front cover. Nov.9-16,1951. 44.8 Su2

70142 SEELEMANN, M. Die verantwortung des milchwirtschaftlers gegenüber dem verbraucher. Deut. Molk. Ztg. 73:561-563. May 9,1952. 44.8 Su2
Supplying of hygienic milk.

70143 SEELEMANN, M. Zur frage der einführung und förderung einer gehobenen trinkmilchsorte. 4-5. Molk.- u. Käserei-Ztg. 3:523-527,557-560. May 2-8, 1952. 44.8 M736
Deals with sanitation and regulation.

70144 WECKEL, K. G. Flavor and keeping quality of vitaminized skim milk. Milk Indus. Found. Conv. Proc. (1951) 44(4):56-61. Ref. 1952. 44.9 In8

70145 WILD. Käseverordnung und "gemsen-eier." Deut. Molk.-Ztg. 73:434-435. Apr.10,1952. 44.8 Su2

70146 ZIJLSTRA, B. Keeping quality and copper content of dried milk. I-II. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:222-223,236-237. Apr.9-16, 1952. 44.9 AL3

70147 ZIJLSTRA, B. Keeping quality and copper content of dried milk. III. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:250-251. Apr.23,1952. 44.9 AL3

Packing and Packaging

70148 BONNECHAUX, E. Notre lait quotidien. Tech. Lait. 8(106):31-33. May 23,1952. 44.8 Of2
Describes a type of milk can to insure sanitary distribution of milk.

70149 DAMM, H. Zur säuberung und entkeimung von milchflaschen durch neuere desinfektionsmittel. Deut. Molk.-Ztg. 72:1007-1009. Aug.10,1951. 44.8 Su2

70150 HERZ, H. Trinkmilch in glasflaschen oder papierbehältern? Deut. Molk.-Ztg. 72(30):inside front cover. July 27,1951. 44.8 Su2

70151 JOHNSON, J. F. Packaging milk. Guernsey Breeders' J. [Peterborough] 85:364-365. June 1,1952. 43.8 G93

70152 KIEFERLE, F., and SEUSS, A. Spezial-indikatorpapier "Merck" und kannenentseuchung. Deut. Molk.-Ztg. 72:1537-1538. Dec.14,1951. 44.8 Su2

70153 MOHR, W., and PETERS, K. H. Gummideckel zum verschliessen von milchkannen. Molk.- u. Kässerei-Ztg. 3:560-562. May 8,1952. 44.8 M736

70154 SCHMID, H. Verwendung von glas- und pappflaschen in den USA. Deut. Molk.-Ztg. 73:inside front cover. Apr.10,1952. 44.8 Su2

70155 SCHNELL, R. Grundzüge neuzeitlicher käseverpackung. Deut. Molk.-Ztg. 72:1396-1397. Nov.9, 1951. 44.8 Su2

70156 SCHÖNBERG, F., and GISSKE, W. Zur säuberung und entkeimung von milchflaschen durch neuere desinfektionsmittel. Deut. Molk.-Ztg. 72:917-920. July 20,1951. 44.8 Su2

70157 SCHULZ, G. Plastic-folien in der milchwirtschaft. Deut. Molk.-Ztg. 73:435-436. Apr.10,1952. 44.8 Su2

70158 THOMSEN, H. Sterilmilch. III. Flaschen—flaschenverschlüsse—homogenisierung. Molk.-Ztg. 6:363-364. Apr.10,1952. 44.8 M735

Prices, Price Control, and Rationing

70159 BAUM, E. L. The pricing of class I milk in the Puget Sound, Washington, milk marketing area. Wash. Agr. Expt. Sta. C. 178,49 p. Jan.1952. 100 W27S

70160 DANIELS, W. F. S. R. 63 and its effect on the dairy industry. Milk Indus. Found. Conv. Proc. (1951) 44(1):69-73. 1952. 44.9 In8

70161 GMELIN. Nach den milchpreisverhandlungen. Deut. Molk.-Ztg. 72(32):inside front cover. Aug.10,1951. 44.8 Su2

70162 HAISCH, A. Zum werkmilchpreis der weichkäsereien. Deut. Molk-Ztg. 73:505: Apr.25,1952. 44.8 Su2

70163 HUNDT, H. Milchpreis, wo gehst du hin? Deut. Molk.-Ztg. 72:951. July 27,1951. 44.8 Su2

70164 HYLKEMA, A. Payment of milk according to quality. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:220-221. Apr.9,1952. 44.9 AL3

70165 JANOWSKI, H., and BOURASSE, J. Elements pratiques du paiement du lait à la qualite dans les coopératives laitières du Mans et de La Flèche. Tech. Lait. 8(104):11,13-14. Apr.23,1952. 44.8 Of2

70166 LAUREN, R. Inopportune observations. (In Swedish.) Mejeritidskrift 14:3-4. Feb.1952. 44.8 M472
Chiefly on the prices of dairy products in Finland.

70167 MAYER-DIETFURT, H. Auszeichnung südbadischer molkereien. Deut. Molk.-Ztg. 72:1365-1366. Nov.2,1951. 44.8 Su2
Dairy products.

70168 MAYR, J. Der neue milchpreis. Deut. Molk.-Ztg. 72:770-771. June 15,1951. 44.8 Su2

70169 MAYR, J. Stiefkind "werkmilch." Deut. Molk.-Ztg. 72:1040-1041. Aug.17,1951. 44.8 Su2
Price aspects.

70170 NIEWERTH, W. Um den gerechten auszahlungspreis der milch. Deut. Molk.-Ztg. 72:949-950. July 27,1951. 44.8 Su2

70171 NIXON, A. J. Accounting data needed for an area milk price regulation. Milk Indus. Found. Conv. Proc. (1951) 44(3):5-11. 1952. 44.9 In8

70172 PIRNER, H., JR. Markenbutter in gefahr! Gedanken zum neuen butterpreis. Deut. Molk.-Ztg. 72: 921. July 20,1951. 44.8 Su2

70173 SMITH, C. W. Price controls and the dairy industry. Noeast. Dairy Conf. Annu. Rpt. 17:11-18. 1952. 44.9 N818

70174 SPRAGUE, S. K. Milk price control in Vermont. Vt. Agr. Expt. Sta. Misc. P. 1,19 p. Jan.1951. 100 V59M

70175 TIEDEMANN, E. W. On the horizon. (Abs.) Amer. Dry Milk Inst. Briefly 27:16-17. 1952. 44.9 Am35Br
Prices.

70176 WELDEN, W. C. OPS and the milk business in the Northeast. Noeast. Dairy Conf. Annu. Rpt. 17:19-24. 1952. 44.9 N818

Processing and Storage

70177 ALBRECHT, E. Was hat der molkereileiter bezüglich der wasserqualität zu beachten? Osterr. Milchwirt. 7:99-100. Apr.21,1952. 44.8 Os72

70178 AMERICAN DRY MILK INSTITUTE. Briefly—your 27th annual meeting, April 17-18, 1952. Chicago, 1952. 19 p. 44.9 Am35Br

70179 ANGEVINE, N. C. Factors affecting manufacture of high quality cottage cheese and cultured milk products. Milk Indus. Found. Conv. Proc. (1951)44(2): 43-48. 1952. 44.9 In8

70180 ANGEVINE, N. C. Manufacture of cottage cheese and other cultured milk products. Canad. Dairy & Ice Cream J. 31(5):34-35,50,52. May 1952. 44.8 C162

70181 ARBUCKLE, W. S. Stabilized fruits for ice cream. Ice Cream Trade J. 48(5):34,36,86. May 1952. 389.8 Ic2

70182 BAKER, M. P., and FORTNEY, C. G. The use of stainless steel for permanent pipe lines. Milk Indus. Found. Conv. Proc. (1951) 44(2):5-11. 1952. 44.9 In8

70183 BASCHIN, G. Der gorgonzola; seine herstellung in französischen käsereien. Molk.-Ztg. 6:447-448. May 1,1952. 44.8 M735

70184 BAUSTIAN, H. Betrachtungen über rahmsäuerungs-kultur. Deut. Molk.-Ztg. 72:952-953. July 27,1951. 44.8 Su2

70185 BELL, R. W., and MUCHA, T. J. Frozen milk. Refrig. Engin. 60:606-607,664. June 1952. 295.9 Am32J
Storage.

70186 BENWELL, C. M. V. Instrumentation applied to the dairy industry. Soc. Dairy Technol. J. 5:190-196. Apr.1952. 44.8 So12

70187 BLOCKHAN, A. R. Fourth annual census. (Abs.) Amer. Dry Milk Inst. Briefly 27:2. 1952. 44.9 Am35Br
Dry milk.

70188 CASALIS, J. La lutte contre les pollutions microbiennes en laiterie. Tech. Lait. 8(106):15,17. (Cont.) May 23,1952. 44.8 Of2

70189 CHARON, A. J. Bons fromages de chévre. Rustica 25:462. May 18,1952. 14 R92
Manufacture.

70190 CHARON, A. J. Nos bons fromages de chèvre. Rustica 25:486. May 25,1952. 14 R92
Manufacture.

70191 COLE, W. C. Freezing and hardening. Ice Cream Field 59(6):64-65. June 1952. 389.8 Ic23

70192 CROSS, J. A. Equipment for low temperature concentration of milk. Milk Indus. Found. Conv. Proc. (1951) 44(2):30-35. 1952. 44.9 In8

70193 CZULAK, J. A survey of the cheese starter problem. Austral. Dairy Rev. 20(4):23,25-26. Apr.1, 1952. 44.8 Au73

70194 DAHLBERG, A. O. Reconstituted milk from low calory solids-not-fat and dehydrated milk fat. (In Fortuguese.) Fazenda 47(5):44,62. May 1952. 6 H11P

70195 DAIRY QUEEN NATIONAL TRADE ASSOCIATION. Dairy Queen, a freshly frozen dairy food; a comprehensive study of the origin, content, manufacture and growth of an important new dairy product. Davenport, Iowa,1951. 15 p. 44 D148

70196 DAVIES, J. C. Plan to handle milk in case of bomb attack. Dairyman's League News 36(11):5,15. May 27,1952. 44.8 D1432

70197 DAVIES, J. C. Plans for maintaining milk distribution during an A-bomb attack. Milk Dealer 41 (8):46,100. May 1952. 44.8 M595

70198 DEMETER, K. J. Bemerkungen und ergänzungen zu dem artikel "Betrachtungen über Rahmsäuerungskultur." Deut. Molk.-Ztg. 72:1014. Aug.10,1951. 44.8 Su2

70199 DEMETER, K. J. Der italienische Provolonekäse. Deut. Molk.-Ztg. 73:342-344,376-378. (Cont.) Mar.21-28,1952. 44.8 Su2
Manufacture.

70200 DEMETER, K. J. Keimgehalts- ubd qualitätsbeeinflussung von butter durch physikalische methoden. Deut. Molk.-Ztg. 72:1506-1507, 1539-1541. Ref. Dec.7-14,1951. 44.8 Su2

70201 DEMETER, K. J. Mikroskopische kontrolle von in der käserei verwendeten kulturen. Deut. Molk.-Ztg. 72:978-979. Ref. Aug.3,1951. 44.8 Su2

70202 THE DEVELOPMENT of sterilized milk processing in Holland. Dairy Indus. 17:417-421. May 1952. 44.8 D1427

70203 DIDIER, A. Protection et conservation de produits laitiers. Belg. Lait. 5(20):14. July 1951. 44.8 B412
Storage.

70204 DOAN, F. J. Frozen concentrated milk. (Abs.) Canning Trade 74(48):11. June 16,1952. 286.83 T67

70205 DOAN, F. J. Frozen concentrated milk. (Abs.) Quick Frozen Foods 14(11):59-60. June 1952. 389.8 Q4

70206 ENGLAND, C. W. Control of overrun. Ice Cream Rev. 35(11):40-41,94-95. June 1952. 389.8 Ic22

70207 ENGLAND, C. W. Hints for the batch freezer operator. South. Dairy Prod. J. 51(6):63-64,66. June 1952. 44.8 So83

70208 FERNANDES, J. S. Industria queijeira; principios gerais, técnicas e receituario [Cheese industry general principles, techniques, and recipes]. Vamos para o Campo 64,24 p. 1951. 9.2 V25

70209 FÖRG, F. J. Die gewinnung keimarmer rohmilch. Deut. Molk.-Ztg. 72:1250-1251. Oct.5,1951. 44.8 Su2

70210 FRIEDEL, G. Reifungsstörungen durch keimschädlinge im Camembert-käsereibetrieb. Deut. Molk.-Ztg. 72:1221-1222,1251-1252. Sept.28-Oct.5,1951. 44.8 Su2

70211 GEBHARDT, H. Ein halbes jahrhundert maschinelle kälteerzeugung in der milchwirtschaft. Deut. Molk.-Ztg. 73:656. May 23,1952. 44.8 Su2

70212 GEBHARDT, H. "Die kolbendampfmaschine im molkereibetrieb." Deut. Molk-Ztg. 73:500. Apr.25,1952. 44.8 Su2

70213 GEEST, E. DE. La fabrication de fromage en Franche-Comté (France). Belg. Lait. 5(20):11-13. (Cont.) July 1951. 44.8 B412

70214 GLASSER, C. E. The equipment situation. Ice Cream Field 59(6):58,60-61,69. June 1952. 389.8 Ic23

70215 GOODWILLIE, D. B. The Canadian dry milk industry. (Abs.) Amer. Dry Milk Inst. Briefly 27:11-12. 1952. 44.9 Am35Br

70216 GOODWILLIE, D. B. Half a billion pounds for 1952. Ontario Milk Prod. 28:12-14. June 1952. 44.8 On8
Production of condensed, evaporated, and dried milk.

70217 GORDON, W. A. The core—no more. (Abs.) Amer. Dry Milk Inst. Briefly 27:17. 1952. 44.9 Am35Br

70218 GRÜMER, W. Die herstellung von Camembertkäse. Deut. Molk.-Ztg. 73:313-314,344-346. (Concl.) Mar.14-21,1952. 44.8 Su2

70219 HALES, M. W. Cottage cheese from reconstituted nonfat dry milk solids. Butter, Cheese & Milk Prod. J. 43(6):22-24,36-41. June 1952. 286.85 B98Bu

70220 HANEBUT, F. Nur keine saure milch. Unser Milchvieh. 4(4):5. Apr.1952. 43.8 Un7
Cooling.

70221 HELLMICH, K. Zur frage gesunder milch. Deut. Molk.-Ztg. 73:658-659. May 23,1952. 44.8 Su2
Sanitation.

70222 HENDERSON, P. I. Potentialities—dairy products. (Abs.) Amer. Dry Milk Inst. Briefly 27:10. 1952. 44.9 Am35Br
Outlook for dry milk solids.

70223 IRVINE, O. R., and SPROULE, W. H. Nine years' work on control of extraneous matter in cheese. Canad. Dairy & Ice Cream J. 31(5):36-38,48,50. May 1952. 44.8 C162

70224 IYA, K. K., and LAXMINARAYANA, H. Indigenous milk products of India. I. Dahi. Indian Dairyman 3:122-123,126. Mar.1952. 44.8 In282
A fermented milk product.

70225 JACQUET, J., and SAINGT, O. Etude sur des fabrications accidentelles de Camemberts rouges. Lait 32:129-145. Ref. Mar./Apr.1952. 44.8 L143

70226 JACQUET, J. La production d'un lait propre et sain. Indus. Lait. (n.s.)67:77-84. Apr.1952. 44.8 In2

70227 JAROUSSE, H. Nettoyage et désinfection en laiterie. Belg. Lait. 6(24):8-10. (Cont.) Mar.1952. 44.8 B412

70228 JAX, P. Uber die chemische reinigung von plattenapparaten. Osterr. Milchwirt. 7:103-105. Apr. 21,1952. 44.8 Os72

70229 JENSEN, J. M., and CLAYBAUGH, G. A. Effectiveness of modern detergents in can washing. Milk Indus. Found. Conv. Proc. 1951 44(2):36-42. 1952. 44.9 In8

70230 JOCHAM, H. Die bedeutung der käsereikultur in der Emmentalerkäserei. Deut. Molk.-Ztg. 72 (26):inside front cover. June 29,1951. 44.8 Su2

70231 JOHNSON, F. Prompt cooling of milk. Mich. Milk Messenger 35:3. May 1952. 44.8 M582

70232 KIEL. BUNDESVERSUCHS- UND FORSCHUNGSANSTALT FÜR MILCHWIRTSCHAFT. Wissenschaftlicher jahresbericht 1950/51 (1. IV. 1950—31. III. 1951). Hildesheim,1951. 38 p. 44.9 K54

70233 KREDIET, P. A new vacuum churn. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:249. Apr.23,1952. 44.9 AL3

70234 KREDIET, P. An observation on the Fritz continuous butter manufacture process. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:259-260. Apr.30, 1952. 44.9 AL3

70235 KRENN, J. Die milchhygiene am Deutschen Mikrobiologentag 1951. Osterr. Milchwirt. 7:116-118. (Cont.) May 7,1952. 44.8 Os72

70236 KROEMER, F. Schmelzkäse und schmelzsalze. Deut. Molk.-Ztg. 72:1361-1363. Ref. Nov.2,1951. 44.8 Su2

70237 KUNDRAT, W. Bakterienentwicklung und reifungsbedingungen beim Camembertkäse; versuche zur klärung der frage von symbiose bzw. antagonismus der mikroflora auf dem Camembertkäse. Deut. Molk.-Ztg. 72:1122-1124. Sept.7,1951. 44.8 Su2

70238 KUNDRAT, W. Die desinfektion in der Camembertkäserei. Deut. Molk.-Ztg. 72:1305-1306,1335-1337. Oct.19-26,1951. 44.8 Su2

70239 LANG, O. Milchkühlung in bäuerlichen betrieben und kaltlagerung bis zum verzehr. Kälte 5:93-94. Apr.1952. 295.8 K122

70240 LANG, O. Schnell-eiserzeugung in molkereibetrieben. Deut. Molk-Ztg. 73:499. Apr.25,1952. 44.8 Su2

70241 LEMBKE, A. Sauermilchgetränke. Molk.- u. Käserei-Ztg. 3:630-632. May 15,1952. 44.8 M736

70242 LEROY, A. La question de la production d'un lait propre et sain vu par un producteur. Ind'e. Lait. (n.s.)67:72-77. Apr.1952. 44.8 In2
Includes discussion.

70243 MANGLER, J. Die herstellung und behandlung von butterkäse. Deut. Molk.-Ztg. 72:829-831. June 29,1951. 44.8 Su2

70244 MARTELLI, L., NAVELLIER, P., and MONVOISIN, J. Homogénéisation mécanique des échantillons de laits frais ou altérés. Ann. des Falsif. et des Fraudes 45:101-108. Mar./Apr.1952. 389.8 An72
English summary.

70245 MAYER-DIETFURT, H. Molkereimaschinen und -geräte auf der DLG in Hamburg. Deut. Molk.-Ztg. 72:834-836,865-866. June 29-July 6,1951. 44.8 Su2

70246 MAYER-DIETFURT, H. Molkereimaschinen und -geräte auf der DLG in Hamburg. Deut. Molk.-Ztg. 72:895-896,923-925. July 13-20,1951. 44.8 Su2

70247 MAYNTZHUSEN, H. E. Einiges über die trinkmilchbearbeitung. Deut. Molk.-Ztg. 72(25):inside front cover. June 22,1951. 44.8 Su2

70248 MAYRHANS, F. Die gärungstechnische betriebskontrolle in der Emmentalerkäserei. Deut. Molk.-Ztg. 72:1153-1154. Sept.14,1951. 44.8 Su2

70249 MOLANO CAMPUZANO, J. Leche sana e higiénica. Agr. Trop. 8(4):17-19. Apr.1952. 26 Ag8

70250 MOORE, R. F., JENSEN, C. U., and GIBSON, D. L. Reconstitution of dry milk. Milk Messenger 29 (5):2-3. May 1952. 44.8 M5925

70251 NEW ZEALAND. DAIRY RESEARCH INSTITUTE. Some aspects of the work of the Dairy Research Institute. Massey Agr. Col. Dairyfarming Annu. 4:157-163. Nov.1951. 44.9 M382
Includes discussion.

70252 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Clean milk production. VI. Cooling: why and how done. North. Ireland. Min. Agr. Mon. Agr. Rpt. 27: 13-18. May 1952. 256.13 Ag82M

70253 OSTERTAG, W. Aufgaben bei der bedienung von walzentrocknern. Deut. Molk.-Ztg. 72(31):inside front cover. Aug.3,1951. 44.8 Su2

70254 PERUCHON DE BROCHARD, J. Les solutions d'ammonium quaternaire remplaçeront-elles les antiseptiques et antibiotiques classiques. Tech. Lait. 8 (104):23-24. Apr.23,1952. 44.8 Of2

70255 PETERSEN, N. Kann chemische säuerung und aromatisierung feinste butter ergeben? Fette u. Seifen 54:280-282. May 1952. 384 C422

70256 PETERSEN, N. Kann schimmelbildung bei käse chemisch bekämpft werden? Molk.-Ztg. 6:367-368. Apr.10,1952. 44.8 M735

70257 PICKEL, W. Die wissenschaft zur homogenisierung und vitaminisierung. Deut. Molk.-Ztg. 72:1394-1395. Nov.9,1951. 44.8 Su2

70258 PRINSEN, J. Cooling of milk on the farm. (In Dutch.) Boer en Tuinder 6(277):5. May 24,1952. 12 B632

70259 PROCTOR, B. E. Cathode rays and the dairy industry. Certif. Milk 27(5):15-16. May 1952. 44.8 C33
Sterilization of dairy products.

70260 QUERTON, V. F. Contribution à l'étude des conditions de culture à réaliser pour obtenir une production forte et stable d'arôme dans la fermentation des crêmes en laiterie. Ann. de Gembloux 58:15-35. Ref. First Q. 1952. 13 G28
In butter manufacture.

70261 RAY, G. Stérilisation par flambage des récipients et utensiles utilisés en laiterie. Lait 32:30-35. Jan./Feb.1952. 44.8 L143

70262 ROEDER, H. Rahmbutter-molkenbutter. Deut. Molk.-Ztg. 72:1038. Aug.17,1951. 44.8 Su2

70263 SACCO, V. Control of temperature in places for processing and aging dairy products. (In Italian.) Latte 26:216. May 1952. 44.8 L35

70264 SCHADE, H. Milcherzeugung und—verarbeitung sowie speiseeis—herstellung in Holland. Molk.- u. Käserei-Ztg. 3:579-580. May 8,1952. 44.8 M736

70265 SCHMITT, H. Die kälteanlage der "Moha" - Milchversorgung Frankfurt am Main G. m. b. H. in Sossenheim. Molk.- u. Käserei-Ztg. 3:496-499. Apr.24, 1952. 44.8 M736

70266 SCHOBER, R. Aufgaben der technik in der milchwirtschaft. Deut. Molk.-Ztg. 72:1096-1097. Aug.31,1951. 44.8 Su2

70267 SCHROEDER, H. U. Technische winke zur herstellung von qualitätsjoghurt. Deut. Molk.-Ztg. 73: 574-575. May 9,1952. 44.8 Su2

70268 SCHROEDER, P. H. Die dauermilchindustrie in Schleswig-Holstein. Deut. Molk.-Ztg. 72:1010-1011. Aug.10,1951. 44.8 Su2

70269 SCHULZ, G. Milchwirtschaftliche streiflichter von der Technischen Messe 1952 in Hannover. Deut. Molk.-Ztg. 73:684-687. May 30,1952. 44.8 Su2
Equipment.

70270 SEDLMAYR, L. Der edelpilz- oder grünschimmelkäse. Deut. Molk.-Ztg. 72:857-859. July 6,1951. 44.8 Su2
Manufacture.

70271 SEKHAR, C. V. C. Choice of milk pasteurising plant. Indian Dairyman 3:141-145. Apr.1952. 44.8 In282

70272 SELIGMAN, R. Milk and metals—1951. Soc. Dairy Technol. J. 5:170-176. Apr.1952. 44.8 So12

70273 SMITH, A. C., and others. The use of ascorbic acid and tocopherol in controlling oxidized flavor in frozen storage cream. Milk Plant Mon. 41(5):26-28,30. May 1952. 44.8 C864
M. Loewenstein, R. E. Anderson, and H. C. Olson, joint authors.

70274 SNEYD, H. N. Shrinkage problems in ice cream production. Canad. Dairy & Ice Cream J. 31(5): 54,56. May 1952. 44.8 C162

70275 SPETTIGUE, H. T. Selection of ingredients for ice cream manufacture. Canad. Dairy & Ice Cream J. 31(5):67-68,70. May 1952. 44.8 C162

70276 STAMER, H. Neuzeitliche milcherhitzung. Molk.- u. Käserei-Ztg. 3:565-566. May 8,1952. 44.8 M736

70277 STORGARDS, T. Sour milk before—cultured milk now. III. (In Swedish.) Mjölkpropagandan 29:78. Mar.1952. 44.8 M692

70278 TALLY, C. K. Standardizes milk as it's clarified. Food Engin. 24(6):81. June 1952. 389.8 F737
Equipment regulating the fat content.

70279 THÉROUX, M. Contribution à l'étude de l'elimination des bacteriophages dans la fabrication du fromage Cheddar. Québec Lait. 11(5):29-33. Ref. May 1952. 44.8 Q3

70280 THOMSEN, H. Sterilmilch. IV. Molk.-Ztg. 6:391. Apr.17,1952. 44.8 M735

70281 THOMSEN, W. Wie werden fehler bei sauerrahmbutter abgestellt? Deut. Molk.-Ztg. 72:1579-1580. Dec.21,1951. 44.8 Su2

70282 WAYWELL, J. Making the best of ice cream ingredients. Dairyman 69:335-336. June 1952. 44.8 D1426

70283 WEGENER, F. Kochsalz in käse, einmal anders. Molk.- u. Käserei-Ztg. 3:530-531. May 2,1952. 44.8 M736

70284 WEICHEL, W. Neue wege zur erleichterung des molkerei-annahmebetriebes. Deut. Molk.-Ztg. 72: 1334-1335. Oct.26,1951. 44.8 Su2

70285 WELLS, C. B., JR. Fundementals in production of soft ice cream and ice milk. South. Dairy Prod. J. 51(6):70-72,77-78. June 1952. 44.8 So83

70286 WHITE, A. H. It's here—continuous butter-making. Canad. Food Indus. 23(6):31,33,35-36. June 1952. 286.83 C166

70287 WILCKE, E. Die homogenisierung von trinkmilch. Deut. Molk.-Ztg. 72:1390-1392. Nov.9,1951. 44.8 Su2

70288 WILKOWSKE, H. H., and MULL, L. E. Reconstituting nonfat dry milk solids. South. Dairy Prod. J. 51(6):152-154. June 1952. 44.8 So83

70289 WRIGHT, E. O. Cooling whey cream. Butter, Cheese & Milk Prod. J. 43(6):26-28,65-66. June 1952. 286.85 B98Bu

Statistics

70290 QUEBEC. MINISTÈRE DE L'INDUSTRIE ET DU COMMERCE. Crème glacée, production, Canada, 1950. Québec,1951. 1 p. 389.9 Q3

70291 QUEBEC. MINISTÈRE DE L'INDUSTRIE ET DU COMMERCE. Production, beurre de beurrerie, 1950. Québec,1951. 1 p. 44.9 Q34P

70292 QUEBEC. MINISTÈRE DE L'INDUSTRIE ET DU COMMERCE. Production laitière, Canada, 1950. n.p.,1951? 1 p. 44.9 Q34PL

FEED AND FORAGE CROPS

70293 ALTSCHUL, A. M. Chemical properties and nutritive value of cottonseed meal as related to conditions of processing. Natl. Cottonseed Prod. Assoc. Proc. 55:32-34,36. 1951. 72.9 In8

70294 ARENDS, W. R. The growth and responsibility of the feed industry. Calif. Hay, Grain & Feed Dealers Assoc. Annu. Conv. 27:21-22. 1951. 389.79 C12

70295 ARKEMA, P. W. B. Too much or too little feed? (In Dutch.) Overijsselsch Landbbl. 34(1656):11. May 22,1952. 12 Ov2

70296 BARTLET, J. C., and others. The composition of edible bone meal. Canad. J. Technol. 30:137-142. Ref. June 1952. 470 C16F

C. Coutu, E. List, and M. Wood, joint authors.

70297 BECKER, M. Die beurtellung von trockengrünfutter und die schaffung eines bewertungsschlüssels. Deut. Landwirt. Gesell. Mitt. 67(20,sup.):1-3. May 17, 1952. 18 N39

70298 BERGER, W. C. It seems to me. Flour & Feed 53:12,14. June 1952. 298.8 F66

Feed industry.

70299 BJERLING, A. The fish feed market situation (In Swedish.) Våra Pälsdjur 23:102-103. Apr.15,1952. 410 V42

70300 BURKITT, W. H. Our responsibility in the feed industry. Feedstuffs 24(24):32-34. June 14,1952. 286.81 F322

70301 BURNS, L. V. Feed technology training. Nowest. Miller (Milling Prod. Sect.) 247(24):19a-21a. June 10,1952. 298.8 N81

70302 BURNS, L. V. Systems engineering in feed milling. Feed Age 2(5):22-25. May 1952. 389.78 F327

70303 BURRELL, J. H. The use of fish liver oils in animal feeds. Feed Age 2(5):17-18,40. May 1952. 389.78 F327

70304 CHRISTOPH, W. What can the feed dealer learn from 4-H Clubs? Feedstuffs 24(21):52-53. May 24,1952. 286.81 F322

Exhibits.

70305 COOLEY, M. L. Absorption spectra of dehydrated alfalfa meal extracts and standard carotene solutions. Assoc. Off. Agr. Chem. J. 35:487-491. May 15, 1952. 381 As7

70306 CORNELL NUTRITION CONFERENCE FOR FEED MANUFACTURERS. Proceedings, November 1 and 2, 1951. Ithaca,1951? 95 p. 389.79 C81

Issued by Departments of Poultry and Animal Husbandry of the New York State College of Agriculture and the School of Nutrition, Cornell University, in cooperation with the American Feed Manufacturers' Association.

70307 CUVILLIER, J. Estimation des luzernières. Agr. Prat. 116:207. Apr.1952. 14 J82

70308 DEGRAFF, H. Feed supplies and livestock production. Distillers Feed Conf. Proc. 7:6-11. 1952. 389.79 C765

70309 DE GRAFF, H. Some notes on feed and people. Grain & Feed J. Consolidated 108(10):19-22. May 28,1952. 298.8 G762

70310 DISTILLERS FEED RESEARCH COUNCIL. Proceedings, seventh Distillers Feed Conference, March 12, 1952. Hotel Sinton, Cincinnati, Ohio. Cincinnati, 1952. 102 p. 389.79 C765

70311 DOYLE, B. K. Marketing of blackstrap. Flour & Feed 53:24. June 1952. 298.8 F66

Feed.

70312 EALES, H. C. Progress report on the standardization or code for fish meal before the annual convention of California Hay, Grain and Feed Dealers Association in San Francisco, April 20, 1951. Calif. Hay, Grain & Feed Dealers Assoc. Annu. Conv. 27:15-16. 1951. 389.79 C12

70313 EDWARDS, P. W., and others. Drying potatoes for feed in a direct-fired, rotary drier. Economic feasibility of the process. Amer. Potato J. 29:103-112. May 1952. 75.8 P342

A. Hoersch, Jr., C. S. Redfield, and R. K. Eskew, joint authors.

70314 FEED mills in the United States and Canada. Minneapolis,1951. 74 p. 225 F32

70315 FISHER, H. J. Report on inspection, commercial feeding stuffs, 1951. Conn. (State) Agr. Expt. Sta. B. 555,127 p. Apr.1952. 100 C76St

70316 GLABAU, C. A. Feed chemists hold first symposium with cereal chemists. Feed Age 2(5):26. May 1952. 389.78 F327

American Association of Cereal Chemists.

70317 GOLDEN, S. M. Whither fishmeal? Feedstuffs 24(24):52-55. June 14,1952. 286.81 F322

70318 HAGERT, L. G. The feed market situation. (In Swedish.) Våra Pälsdjur 23:89-92. Mar.15,1952. 410 V42

70319 HAMMOND, W. E. Markets in Nebraska for oilseed cake and meal. Nebr. Agr. Expt. Sta. B. 407,12 p. Dec.1951. 100 N27

70320 HOHMANN. Mit kohlensäure gegen braunheubildung und brand im heustock. Landwirt. Wchnbl. 142: 465. Apr.26,1952. 18 L2338

70321 INSTITUT PROFESSIONNEL DE CONTROLE ET DE RECHERCHES SCIENTIFIQUES DES INDUSTRIES DE L'ALIMENTATION ANIMALE. Prélevements et analyses des échantillons d'aliments et produits destinés à l'alimentation des animaux. Ed. 2. Inst. Prof. de Controle et de Rech. Sci. des Indus. de l'Aliment. Anim. Commun. 3,28 p. Jan.1951. 389.79 In7

70322 KENTUCKY. AGRICULTURAL EXPERIMENT STATION. FEED AND FERTILIZER DEPT. Quarterly report on official feed samples analyzed. Ky. Agr. Expt. Sta. Regulat. B. 97,32 p. Apr.1952. 100 K41

70323 KNODT, C. B., SKAGGS, S. R., and WILLIAMS, P. S. Sulfur dioxide for preservation of forage. Pa. Agr. Expt. Sta. B. 552,25 p. Apr.1952. 100 P381

70324 KNODT, C. B., SKAGGS, S. R., and WILLIAMS, P. S. Sulfur dioxide for preservation of forage. Pa. Agr. Expt. Sta. B. 552P,6 p. Apr.1952. 100 P381

70325 KOHLER, P. Jetzt mit der futtervorratswirtschaft beginnen. Freie Bauer 7(19):3. May 11,1952. 18 F88

Preservation.

70326 KUMMER, H. Ergebnisse der heuuntersuchungen 1951 in Nordbaden. 2. Der nährstoff- und mineralstoffgehalt des nordbadischen wiesenheus. Bad. Landwirt. Wchnbl. 119:302-303,320-321. (Concl.) May 3-10,1952. 18 B142

Analysis.

70327 LAUTE. Wirtschaftsstrafrecht und unangemessener futterweizenpreis. Mühle 89:289-290. May 8, 1952. 298.8 M89

Germany.

70328 LOPES, O. Indispensable qualities for good forages. (In Portuguese.) Selec. Agr. 7(71):27-29. Mar. 1952. 9.2 Se4

70329 MCNEAL, D. The outlook for the feed industry in 1951 and 1952. (Sum.) Calif. Hay, Grain & Feed Dealers Assoc. Annu. Conv. 27:17-20. 1951. 389.79 C12

70330 MERWE, J. A. VAN DER. It is right and good for animals to feed men; new milestones in livestock feed production. (In Afrikaans.) Landbouweekblad 33 (1709):21,23. Apr.16,1952. 24 L232

Union of South Africa.

70331 MURRAY, P. C. Feedman's observations on an effective quality control program. Feed Age 2(5):43-44. May 1952. 389.78 F327

70332 NEDOKHLEBOVA, O. Experiment in organizing feed production on an experimental farm [of Kirgizskii Nauchno-Issledovatel'skii Institut Zhivotnovodstva]. (In Russian.) Sovet. Zootekh. 7:12-18. Jan.1952. 49 So822

70333 NEW YORK. DEPT. OF AGRICULTURE AND MARKETS. BUR. OF FOOD CONTROL. Report of analyses of samples of feeding stuffs collected in New York State from January 1 to December 31, 1950, inclusive. N. Y. Dept. Agr. & Mkt. B. 378,121 p. Nov.1951. 2 N482

70334 PRAT, J. DE. Las sales minerales en los piensos. Cult. Mod. 35:136. Apr.1952. 15 C89

70335 QUINTANILLA, C. F. Nuevas orientaciones en la conservacion de los forrajes. Agricultura [Madrid] 21:187-190. (Cont.) Apr.1952. 15 Ag84
Feed drying.

70336 RABOWSKY, G., and POEPPINGHAUSEN, K. J. VON. Futterversorgung im Fünfjahrplan. Deut. Landwirt. 3:201-203. Apr.1952. 18 D4822
Russian Zone.

70337 RHAM, G. DE. Economic importance of forage production in the Province of Grosseto. (In Italian.) Agr. Tosc. 7:75. Apr.1952. 16 Ag827
Statistics.

70338 SCHNEIDER, V. Bulk feed handling means less labor, lower cost! Successful Farming 50(6):34,122,124-125. June 1952. 6 Su12

70339 SOKOLOV, P., and RAPOPORT, E. Practices of the feed production brigade. (In Russian.) Kolkhoz. Proizvodstvo 12(4):15-18. Apr.1952. 281.8 K83
Feed policy on Khrushchev Collective Farm in Bogodukhovskii District, Kharkov Region.

70340 STALEY, T. W. Present trends in the feed manufacturing industry. Feedstuffs 24(20):22,24,26. May 17,1952. 286.81 F322

70341 STEPHENS, P. H. We need more grass. Capper's Farmer 63(6):24-25,89. June 1952. 6 M693
As feed for livestock.

70342 U. S. BUR. OF AGRICULTURAL ECONOMICS. Feed statistics including wheat, rye, rice. U. S. D. A. Statis. B. 111,54 p. Apr.1952. 1 Ag84St

70343 VERHOEVEN, P. The development of the Livestock Fodder Bureau in South Holland. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:92-98. Mar.1952. 12 N383M

70344 WALLER, W. M. Research: cornerstone of an industry's market. Feedstuffs 24(23):41-42,44. June 7, 1952. 286.81 F322

FIBERS AND TEXTILES

70345 ALBANESE, F. Textile industry and silkworm culture; a balance that must be compromised. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(42):1-2. May 21, 1952. 281.8 Ag3

70346 ALEKSEEV, E. T. For further development of the raw material branches of the [textile] industry. (In Russian.) Tekstil'. Promysh. 11(10):1-3. Oct.1951. 304.8 T23

70347 ALLISON, R. V. Kenaf: una nueva fibra industrial. Bolsa de Com. de Rosario. Rev. 40(967):3-4. Apr.30,1952. 287 R71

70348 ALZINA CANALS, J. La industria textil española. Sp.-Amer. Trade 30:19,21-23. Jan./Feb. 1952. 287 Am3S

70349 ARAI, T. Comments on chemical fiber by a tester of a department store. (In Japanese.) Japan Synthetic Textile Mon. 5(5):34-35. May 1952. 304.8 J27

70350 ASTBURY, W. T. Adventure of fibre structure. (Sum.) Dyer 107:789. May 30,1952. 306.8 D98

70351 AUSTRALIAN WOOL REALIZATION COMMISSION. Australian manufacturers' purchases, seasons 1946/47, 1947/48 & 1950/51. Melbourne,1952. 10 p. 286.85 Au74Am

70352 AVISIERS, I. Mikroskopische untersuchungen der milchigkeit von viskosereyon. Melliand Texilber. 33: 331-335. Apr.1952. 304.8 T312
English summary.

70353 BAILLIE, Y. Possibilités du microscope électronique en recherche textile et résultats préliminaires. Inst. Textile de France. B. 30:55-68. Jan.1952. 304.8 T3145

70354 BARLOW, F. D., JR. Cotton expected to continue as principal textile fiber. Cotton Trade J. 32(22): 8,10. (Concl.) May 23,1952. 72.8 C8214

70355 BARY, L. C. L'importance de la stabilité des prix: la loi japonaise de stabilisation des prix de la soie. Rayonne et Fibres Synthétiques 8(5):99-101. May 15,1952. 304.8 R214

70356 BAUER, F. W., and PACSU, E. Cellulose studies. XVII-XVIII. Textile Res. J. 22:385-404. Ref. June 1952. 304.8 T3128
XVII, The heterogeneous acid degradation of cellulose; XVIII, The homogeneous degradation of cellulose in phosphoric acid.

70357 BAUMGUERTEL, B. O. Viskose-reyon- und zellwollspinnereien in USA. Melliand Textilber. 33:282-286. Apr.1952. 304.8 T312
English summary.

70358 BEHRENS, O. Baumwolle. Melliand Textilber. 33:403-404. May 5,1952. 304.8 T312
English summary.
The industry, including the United States.

70359 BEREZINA, O. IA. Wool of the new sheep breeds and types for breeding. (In Russian.) Tekstil'. Promysh. 11(10):10-12. Oct.1951. 304.8 T23

70360 BERRY, J. K. Rayon and the tyre industry. Rubber Age & Synthetics 33:153-156. May 1952. 305.8 R824

70361 BESSE. Adaptation de la microscopie à contraste de phase aux problèmes textiles. Inst. Textile de France. B. 30:79-89. Jan.1952. 304.8 T3145
Includes fiber analysis.

70362 BISERTE, G., and PIGACHE, P. Hydrolyse ménagée de la laine. II. Soc. de Chim. Biol. B. 34:51-64. Ref. Jan./Feb.1952. 383 So1

70363 BOSE, R. G. A comparative study of the microbiological decomposition of some cellulosic fibres. Sci. & Cult. 17:435-436. Apr.1952. 475 Sci24

70364 BOSMAN, S. W. Discolouration in wool. Merino Breeders' J. 14(2):28,66. Apr.1952. 45.8 So8

70365 BOYD, R. S. Selling your wool through Wesfarmers; the growth of our wool business. Westralian Farmers Co-op Gaz. 22:145. Mar.1952. 280.28 W522

70366 BOZA BARDUCCI, T. Pasado, presente y futuro del algodón Tangüis. Vida Agr. [Lima] 29:221,223, 225-231,233-234. Mar.1952. 9.8 V66

70367 BRYANT, F. Determination of the fat content of silk soaking emulsions. Textile Res. J. 22:433-434. June 1952. 304.8 T3128

70368 CAILLE, A., and CUVELIER, G. Appréciation de la dégradation du lin par la mesure du "solubility number." Inst. Textile de France. B. 30:221-228. Jan.1952. 304.8 T3145

70369 CANADIAN TEXTILE SEMINAR; QUEEN'S UNIVERSITY, KINGSTON, ONTARIO, 2d, 1950. Supplement to papers. Cornwall,Ont.,Textile Tech. Federation of Canada,1951. 107 p. 304.9 C16

70370 CARDEW, J. Report on China's silk industry. Textile Indus. 116(6):136,139. June 1952. 304.8 C823

70371 CARTER, E. G. La laine fibre vestimentaire. Inst. Textile de France. B. 30:229-253. Ref. Jan.1952. 304.8 T3145
Structure and properties.

70372 CENTOLA, C. Influence de la constitution des celluloses sur certaines propriétés des fibres artificielles. Inst. Textile de France. B. 30:131-139. Ref. Jan.1952. 304.8 T3145

70373 CHATTERJEE, H., and PAL, K. B. Rotproofing jute textiles. Textile Mfr. 78(929):228-231. Ref. May 1952. 304.8 T3126

70374 CHEN, M. C., REE, T., and EYRING, H. Stress relaxation and shrinkage in fibers. Textile Res. J. 22:416-423. Ref. June 1952. 304.8 T3128

70375 CONGRÈS INTERNATIONAL DE LA RECHERCHE SCIENTIFIQUE APPLIQUÉE À L'INDUSTRIE TEXTILE, LILLE, 1951. Communications. Paris,1952. 475 p. 304.8 T3145

70376 DALL, W. B. Cotton spinner-breeder conference in America; tests show improvements in yarn strength, yarn appearance and fibre strength. Indian Textile J. 62:339-342. Mar.1952. 304.8 In2

70377 DOHRS, F. E. The linen industry of Northern Ireland. Textile Q. 2:142-157. (Cont.) Apr.1952. 304 T3182

70378 DUTTA, K. K. Slump in prices and jute. Jute B. 14:488-490. Mar.1952. 73.38 In2

70379 ERRERA, J. Propriétés élastiques des fibres animales et conséquences de cette élasticité du point de vue de l'industrie textile. Inst. Textile de France. B. 30:351-364. Jan.1952. 304.8 T3145

70380 EVANS, C. D. Cotton statistics, South Carolina and selected areas. S. C. Agr. Expt. Sta. C. 82,57 p. Dec.1951. 100 So8

70381 FABRINI, E. The International Silk Association and its activities. V. (In Italian.) Fibre e Colori 2:71-74. Feb.1952. 304.8 F442

70382 FARNWORTH, A. J. Chemical changes occurring in wool during wet processing. Textile J. Austral. 27:223-227. Apr.21,1952. 304.8 T3134

70383 FOULON, A. Rhovyl und ardil. Melliand Textilber. 33:407-408. May 5,1952. 304.8 T312
English summary.

70384 FRANCE. COMITÉ CENTRAL DE LA LAINE. XVIXme assemblée générale annuelle; journée de la laine de l'Exposition Textile Internationale de Lille, 9 mai 1951. Paris,1951. 142 p. 286.3459 F84

70385 FROM cotton to synthetic fibers. Textile Indus. 116(6):119-120. June 1952. 304.8 C823
Southern Textile Association panel discussion.

70386 GALCERAN-ESCOBET, V. Influence de la finesse et de la longueur de la fibre de laine sur le numéro du fil. Inst. Textile de France. B. 30:213-220. Jan.1952. 304.8 T3145

70387 GALLA, M. Clarifications on cooperative spinning factories. (In Italian.) Cam. di Com. Indus. e Agr. Vicenza. Not. Econ. 7(8):11-12. Apr.16,1952. 287 V662
Silk in Italy.

70388 GIRAUDI. Considérations sur le mélange et la filature des fibres artificielles et synthétiques entre elles et avec la laine. Rayonne et Fibres Synthétiques 8(5):7,9-15,17-18. May 15,1952. 304.8 R214

70389 GOLDBERG, J. B. Effect of the newer fibres on the market for viscose. Textile Mfr. 78(929):257, 259. May 1952. 304.8 T3126

70390 GOLDBERG, J. B. Research achievements in 1952. South. Textile News 8(18):17-18. May 10,1952. 304.8 So83
Textile fibers.

70391 GOOSSENS, L. Analyse de la force des fils. Rayonne et Fibres Synthétiques 8(5):47-49,51-53,55. (Cont.) May 15,1952. 304.8 R214

70392 GRALEN, N., and WERNER, G. Mouvement de la vapeur d'eau à travers les textiles. Inst. Textile de France. B. 30:379-386. Jan.1952. 304.8 T3145
Includes discussion of the fibers.

70393 GUPTA, A. K. D. Modern developments in cotton spinning. Indian Textile J. 62:362-364. Mar.1952. 304.8 In2

70394 GUSLER, G. New wool clip—sell or hold? Mont. Farmer-Stockman 39(16):35. Apr.15,1952. 6 M764

70395 HARTLEY, R. S., and others. Quantitative estimation of eulan CN, mitin FF, and lanoc CN in wool. Soc. Dyers & Colour. J. 68:171-175. Ref. May 1952. 306.9 So1
F. F. Elsworth, P. G. Midgley, and J. Barritt, joint authors.

70396 HELLIWELL, G. Some aspects of wool textile technology. (Sum.) So. African Indus. Chem. 6:32-33. Feb.1952. 385 So8

70397 HELLMUT, Z. Amerikanische faser- und textilforschungs-laboratorien—bericht von einer studienreise nach den USA). Melliand Textilber. 33:457-458. (Cont.) May 5,1952. 304.8 T312

70398 HENAULT, H. The need for co-ordinating silk propaganda throughout the world. Internatl. Silk Assoc. B. 11:23-25. Feb.1952. 304.9 In82B

70399 HERMANN, Z. "Zillo-test", das prüfgerät für synthetische fasern). Melliand Textilber. 33:453-454. May 5,1952. 304.8 T312
English summary.

70400 HILL, R. Synthetic fibres in prospect and retrospect. Soc. Dyers & Colour. J. 68:158-168. May 1952. 306.9 So1

70401 HINEGARDNER, O. F. New fibers, new pleasures (1952). Angora Rabbit Mag. 7:1,10. Apr./May 1952. 40.28 An42

70402 INDUSTRIAL textiles directory 1952. New York,1952. 144 p. 225 In26

70403 INOUE, K. Unreserved talks of cotton industry III. (In Japanese.) Mon. Rpt. Jap. Cotton Spinning Indus. 64:8-15. Apr.1952. 304.9 J27M

70404 INOUE, K. Unreserved talks of cotton industry. IV. (In Japanese.) Mon. Rpt. Jap. Cotton Spinning Indus. 65:12-16. May 1952. 304.9 J27M

70405 INTERNATIONAL COTTON ADVISORY COMMITTEE. Annual review of the world cotton situation, 1951-52. Cotton [Washington] 5(10/11),24 p. 286.3729 In8C

70406 KAY, SIR J. K. India's cotton textile industry; a great past and bright future. Textile Wk. 49:1433-1434,1486,1488,1568,1570. (Concl.) May 23-June 6,1952. 304.8 T3127

70407 KENYON, B. W., JR. A better way to market wool. Carolina Co-op. 30(5):9,22. May 1952. 72.8 N81

70408 KLERK, J. C. DE. The world's resources of textile fibres. II. Merino Breeders' J. 14(2):14,16. Apr. 1952. 45.8 So8

70409 KLING, W., and MAHL, H. Zur morphologie der baumwollfaser. III. Elektronenmikroskopische untersuchungen an faserquerschnitten. Melliand Textilber. 33: 328-331. Apr.1952. 304.8 T312
English summary.

70410 KLOCK, A. G., and CARTER, C. W. Woolen carding meets quality control. Indus. Quality Control 8(6):35-38. May 1952. 290.8 In13

70411 KONISHI, T. Suggestions to promote demand for chemical fiber. (In Japanese.) Japan Synthetic Textile Mon. 5(5):13-16. May 1952. 304.8 J27

70412 KOROSKYS, M. J. New wool-handling device saves $20,000 a year. Textile World 102(6):124-125, 230,232. June 1952. 304.8 T315

70413 LACROIX, H., and others. Japanese price stabilization law: comments. Internatl. Silk Assoc. B. 11:15-22. Feb.1952. 304.9 In82B
W. R. Wadsworth, M. J. Vaidya, E. Rosasco, A. Granzotto, A. Mieli, C. Semenza, and C. M. Zanotti, joint authors.

70414 LANTELME, P. La fabrication des ficelles et des cordages. Rev. Internatl. des Prod. Colon. 27:93-95. Apr.1952. 286.8 R326

70415 LINCOLN, S. B. Making rayon in India. Rayon & Synthetic Textiles 33(6):34,44,46,48,50,52,54. June 1952. 304.8 R21

70416 LOUIS, M. C. The flax industry of Western Australia. West. Austral. U. Geog. Lab. Res. Rpt. 33, 2 p. 1951? 109 W525

70417 LUNA ERCILLA, C. A. Aprovechamiento industrial de plantas indígenas textiles. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(29): 3-71. Nov.1951. 9 Ar35

70418 LUNA ERCILLA, C. A. El formio, un textil de gran porvenir en la República Argentina. Pampa Argentina 25(292):6-7. Apr.1952. 9 P19

70419 MCCORD, F. A., and MCCROSSAN, J. A., JR. Cotton in the belting industry. Memphis,Natl. Cotton Council of Amer. Utiliz. Res. Div.,1952. 14 p. 304 M13Cob

70420 MCCORD, F. A., and DIKEMAN, N. J., JR. Cotton linter distribution. Bedding 62(5):50,54. June 1952. 309.8 B39

70421 MACDOWALL, W. T. These faults can be prevented. Farmer & Stock-Breeder 66(3266):56-57. May 27,1952. 10 F228
How to roll a fleece.

70422 MCLAURINE, W. M. The southern textile heritage. 3. Textile B. 78(5):42-43. May 1952. 304.8 So82
History.

70423 MAILLARD, F., and SZYMANEK, J. Considérations sur la production des fibres de lin. Inst. Textile de France. B. 30:289-313. Ref. Jan.1952. 304.8 T3145

70424 MARTIN, M. Dissolving pulp developments. Canad. Pulp & Paper Indus. 5(6):8-9,72. June 1952. 302.8 W52
Viscose and acetate yarns.

70425 MARTIN, P. J. The engineering approach to woolen-fiber lubrication. Amer. Dyestuff Rptr. 41:P341-P344. May 26,1952. 306.8 Am3

70426 MAZAR BARNETT, J. La celulosa como materia prima en la industria del rayon. (Sum.) Rev. Bras. de Quim. (Cien. & Indus.) 33:156. Mar.1952. 385 R322

70427 MECHEELS, O. Physiologisch-chemische eigenschaften der wolle. Melliand Textilber. 33:275-280. Apr.1952. 304.8 T312

70428 MERKEL, C. M., and MOORE, V. P. Cleaning and extracting. Cotton Gin & Oil Mill Press 53(12):20, 58-60. June 7,1952. 304.8 C822
Cleaning of seed cotton.

70429 MEYBECK, J., and SCHIRLE, C. Adaptation des méthodes chromatographiques classiques à la séparation des amino-acides de la laine traitée au chlorite acide. Inst. Textile de France. B. 30:343-349. Jan.1952. 304.8 T3145

70430 MILLOWNERS' ASSOCIATION. Report for the year 1950. Bombay,1951. 447 p. 304.9 B63
Data on the cotton textile industry in India.

70431 MONTY, T. J. Israel's textile industry. Foreign Trade 11:633-634. May 24,1952. 286.8 C162

70432 MOREHEAD, F. F. The high-contrast (wide-field) electron microscope objective and fiber replicas. Textile Res. J. 22:379-384. June 1952. 304.8 T3128

70433 MUKHERJEE, A. K. Structure of the home market for jute goods. II. Jute B. 14:428-429. Feb.1952. 73.38 In2
India.

70434 MÜLLER, K. Der lindenbast. Grüne 80:610-613. May 30,1952. 17 Sch9

70435 MURARO, U. The wool industry in Uruguay. (In Italian.) Cam. di Com. Indus. e Agr. Vicenza. Not. Econ. 7(7):3. Apr.1,1952. 287 V662

70436 MURAYAMA, T. Balance of payments and Japan's cotton industry. Mon. Rpt. Jap. Cotton Spinning Indus. 65:2-17. May 1952. 304.9 J27M

70437 MURAYAMA, T. History of the world cotton industries. X. (In Japanese.) Mon. Rpt. Jap. Cotton Spinning Indus. 64:2-7. Apr.1952. 304.9 J27M

70438 MURAYAMA, T. History of the world cotton industries. XI. (In Japanese.) Mon. Rpt. Jap. Cotton Spinning Indus. 65:6-11. May 1952. 304.9 J27M

70439 NATIONAL COTTON COUNCIL OF AMERICA. Thirteenth annual report of activities, January 1, 1952. n.p.,1952. 100 p. 281.3729 N212

70440 NORTE, J. DEL. El colegiado, la lana y la campaña. Diario Rur. 12(1100):4. Apr.5,1952. 9.9 D54
Uruguay.

70441 OVERBEKE, M. VAN, MAZINGUE, G., and DESPRETS, P. Dégradation thermique de la laine. Inst. Textile de France. B. 30:273-288. Jan.1952. 304.8 T3145

70442 PAL, K. B., CHATTERJEE, H., and SARKAR, P. B. Molecular weight of jute alpha-cellulose. Nature [London] 169:845-846. May 17,1952. 472 N21

70443 PALMER, R. C. Wool and synthetic fibres. (Sum.) So. African Indus. Chem. 6:32. Feb.1952. 385 So8
Properties.

70444 PARISOT, A. Considérations générales sur l'ensimage des fibres textiles. Inst. Textile de France. B. 30:387-404. Jan.1952. 304.8 T3145

70445 PARK, G. S., and SPEAKMAN, J. B. l'évaluation de la cystine et de la cystéine dans la kératine. Inst. Textile de France. B. 30:255-272. Ref. Jan.1952. 304.8 T3145

70446 PEIG PLANS, F. Algunos aspectos de la industria textil lanera en España. Sp.-Amer. Trade 30: 47-48. Jan./Feb.1952. 287 Am3S

70447 PINTE, C., and ROCHAS, P. Note sur en cas particulier de dégradation photochimique des rayonnes viscose mates. Inst. Textile de France. B. 31:9-17. Feb. 1952. 304.8 T3145
English summary.

70448 PINTE, C., ROCHAS, P., and HENNO, J. Recherches physico-chimiques sur les modifications structurales des rayonnes viscose par étirement de filature. Inst. Textile de France. B. 30:141-176. Ref. Jan.1952. 304.8 T3145

70449 PRINGLE, A. V. The theory and practice of flax spinning. II. Textile Q. 2:160-184. Apr. 1952. 304 T3182
Equipment.

70450 PUIG, J. B. Ignifugation des tissus de coton, rayonne et autres fibres cellulosiques par traitement préalable aux sulfaminates d'alcanolamine. Inst. Textile de France. B. 30:405-414. Jan.1952. 304.8 T3145

70451 RACAJ MONTEMAYOR, J. A. El ramio, la fibra natural de gran porvenir. Textiles Panamer. 12 (6):28-29,68-70. June 1952. 304.8 T3142

70452 RANBY, B. G. The mercerisation of cellulose. I-III. Acta Chem. Scand. 6:101-138. Ref. 1952. 385 Ac82
I, A thermodynamic discussion; II, A phase transition study with X-ray diffraction; III, A phase transition study using electron diffraction.
In cotton and other fibers.

70453 RATCHFORD, C. B. Production trends and problems of cotton as related to public policy. In Farm Foundation. Increasing understanding of public problems and policies, p.62-109. Chicago,1951. 275.2 F223

70454 RATH, H., MEYER, H., and BIERLING, H. Über die einwirkung von ketenen (kohlensuboxyd und carbomethylen) auf protein-, polyamid- und zellulosefasern. Melliand Textilber. 33:427-428. May 5,1952. 304.8 T312
English summary.

70455 REGNERY, W. Comments on the results of the 17-mill test on ginning procedures. Bobbin & Breaker 10(2):6-7,16. Spring 1952. 304.8 B632
Cotton.

70456 ROGOVIN, Z. A. Carbo-chain synthetic fibers. (In Russian.) Tekstil'. Promysh. 11(10):12-14. Oct.1951. 304.8 T23

70457 ROIG-SERRA, L. Bénéfices obtenus en controlant l'air des cardes. Inst. de France. B. 30:365-370. Jan.1952. 304.8 T3145
Cotton.

70458 ROSE, DOWNS & THOMPSON. Continuous solvent extraction plant for "ardil" fibre meal. Oil Mill Gaz. 56(12):13-15,17-18. June 1952. 307.8 Oil54

70459 ROUSSELOT, P. L'industrie textile du Maroc. Marchés Colon. du Monde 8:1152-1155. May 3,1952. 286.8 M53

70460 SALLERON, L. Panorama de l'histoire de la laine dans l'économie française. France. Comt. Cent. de la Laine. Assemblée Gén. Ann. 29:45-52. 1951. 286.3459 F84

70461 SAYRE, C. R. Inter-industry gin-spin tests. Textile Indus. 116(6):110-112,229. June 1952. 304.8 C823
Cotton.

70462 SCHUYTEN, H. A., and others. Formation of cellulose ethers in water-repeliency treatment of cotton with stearamidomethylpyridinium chloride. Textile Res. J. 22:424-432. Ref. June 1952. 304.8 T3128
J. W. Weaver, J. G. Frick, JR., and J. D. Reid, joint authors.

70463 SENGBUSCH, A. VON. Seilerei-rohstoffe. Melliand Textilber. 33:287-288. Apr.1952. 304.8 T312
English summay.
Fibers.

70464 SENGBUSCH, A. VON. Die seilgarnspinnerei. Melliand Textilber. 33:409-410. May 5,1952. 304.8 T312
English summary.
Hemp processing.

70465 SMITH, G. Handling your wool. Westralian Farmers Co-op Gaz. 22:147-154. Mar.1952. 280.28 W522

70466 SPEAKMAN, J. B., and MENKART, J. La dissolution de la kératine. Inst. Textile de France. B. 30:315-323. Ref. Jan.1952. 304.8 T3145

70467 SPENCER, C. B. Solving Oklahoma's cotton problems through higher acre yields. Cotton Gin & Oil Mill Press 53(11):11-12. May 24,1952. 304.8 C822
Various aspects of the industry.

70468 STAHL, E. G. The cotton industry of California. Farm Electrif. 6(3):1-4. May/June 1952. 335.8 F224

70469 TADA, T. Rayon industry and trade in the Near Eastern countries. (In Japanese.) Japan Synthetic Textile Mon. 5(4):27-31. Apr.1952. 304.8 J27

70470 TAMANAGA, I. Future of rayon in Japan. (In Japanese.) Japan Synthetic Textile Mon. 5(5):22-24. May 1952. 304.8 J27

70471 TARASOV, S. V. Fundamental trends in technological outfitting of the flax industry. (In Russian.) Tekstil'. Promysh. 11(10):7-8. Oct.1951. 304.8 T23

70472 THORNDIKE, G. H. Efficience du peigneur sur une carde pour laine cardée. Inst. Textile de France. B. 30:185-211. Jan.1952. 304.8 T3145

70473 TIANA RAGASOL, F. Un nouveau type de régularimetre pour filés. Inst. Textile de France. B. 30: 75-78. Jan.1952. 304.8 T3145

70474 TIMONIN, M. A. Abutilon—a valuable raw material for cordage. (In Russian.) Tekstil'. Promysh. 11(10):9-10. Oct.1951. 304.8 T23

70475 TOWNEND, P. P. Carding wool for worsted yarns. Wool Knowl. 2(5):8-11. Spring 1952. 304.8 W886

70476 TOWNEND, P. P. Major problems in woollen carding. Textile Rec. 70(831):91-93. June 1952. 304.8 T311

70477 TRAILL, D. Le problème de la fibre synthétique. Inst. Textile de France. B. 30:109-130. Ref. Jan.1952. 304.8 T3145
Properties.

70478 TSUTSUMI, T. Cotton textile industry in Formosa. (In Japanese.) Mon. Rpt. Jap. Cotton Spinning Indus. 65:17-19. May 1952. 304.9 J27M

70479 TURNER, H. A. "Decasualization" for cotton? Textile Wk. 49:1483-1484. May 30,1952. 304.8 T3127
Cotton situation and outlook.

70480 U. S. BUR. OF THE CENSUS. Cotton production and distribution. U. S. Bur. Census. B. 188,75 p. July 31,1951. 157.41 B89
Statistics.

70481 U. S. PRODUCTION AND MARKETING ADMIN. Cotton quality statistics United States, 1950-51. U. S. D. A. Statis. B. 110,63 p. 1952. 1 Ag84St

70482 VANDENHOVE, L. Lubrication. (In Flemish.) Monit. Textile 14(5):141-142. May 1952. 304.8 M74
Wool and other fibers.

70483 VOROSHILOV, V. A. The combing process on bonnet- and roller-type machines. (In Russian.) Tekstil'. Promysh. 11(11):16-20. Nov.1951. 304.8 T23

70484 WALKER, J. F. Wool and sheep. Sheep Breeder 72(6):10-11,26-27. June 1952. 45.8 Am31
Wool quality from different breeds.

70485 WALKER, J. F. The wool fiber. Wis. Coop. Wool Growers News 17(10):8-9. May 1952. 280.28 W882

70486 WALSETH, C. S. Occurrence of cellulases in enzyme preparations from microorganisms. Tappi 35: 228-233. Ref. May 1952. 302.8 T162
Cotton cellulose.

70487 WARD, W. H. The molecular size of proteins from several wools solubilized in aqueous urea. Textile Res. J. 22:405-415. Ref. June 1952. 304.8 T3128

70488 WESSELS, N. G. Danger for the Union's Merino clip. (In Afrikaans.) Wolboer 5(10):36. May 1952. 45.8 W83

70489 WET, H. DE. Sheep and wool. Transkeian Ter. Agr. Dept. Umcebisi Womlimi Nomfuyi 29(1):13,15. Feb. 1952. 24 T684
Sheep branding materials, shearing, and wool grading.

70490 WILLIAMS, S. Evaluating a new fiber. Rayon & Synthetic Textiles 33(6):31,58,61-62. June 1952. 304.8 R21

70491 WILLIAMS, S. Textiles for you in '52. Utah Farmer 72:507,539. (Cont.) June 19,1952. 6 D45

70492 WILSON, E. V. B. Flax variety trial, 1950; analysis of processing data. North. Ireland. Min. Agr. Res. & Expt. Rec. 1951:80-86. 1952. 10 N81R

70493 WRIGHT, G. M. A statistical study of linen flax crop records. New Zeal. Dept. Sci. & Indus. Res. B. 104,38 p. Ref. 1951. 330.9 N48B

70494 ZAHN, H. Amerikanische faser- und textilforschungs-laboratorien—bericht von einer studienreise nach den USA. Melliand Textilber. 33:354-356. (Cont.) Apr.1952. 304.8 T312

70495 ZEL'TSER, I. R. Carding machines with continuous combing. (In Russian.) Tekstil'. Promysh. 11(10): 16-18. Oct.1951. 304.8 T23

FRUITS, VEGETABLES, AND NUTS

70496 BURKHARDT, L. Arizona melon highlights. West. Grower & Shipper 23(7):28-30. June 1952. 280.38 W52

70497 CHARLEY, V. L. S. Apple juice for vegetarians. Veg. Messenger & Health Rev. (ser.9)49:86-89. May/June 1952. 389.8 V522
Availability and nutritive value.

70498 DONATO, J. El panorama citrícola en el país—observaciones de una reciente jira. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(28):30-36. Oct.1951. 9 Ar35

70499 FRUIT growing in Yugoslavia. Chamber Com. Yugoslavia Com. Inform. 12:9-15. 1951. 287 Y9
The industry.

70500 GOPALAN, K. The coconut industry in India. Indian Farming 2:10-13. Apr.1952. 22 In283

70501 GROSKREUTZ, K. A. Geringere verluste bei der kartoffellagerung durch richtige kontrolle von mietentemperaturen. Kartoffelbau 2:250-251. Dec.1951. 75.8 K145

70502 GUERIN, M. Des piastres—à temps perdu. B. des Agr. 34,1.e.48(5):32,61. May 1952. 7 B872
Fruit and vegetables as a source of cash income in Quebec.

70503 GUTSEVICH, A. IA. Organization of territory for vineyards. (In Russian.) Vinodel. i Vinograd. SSSR. 11(8):25-29. Aug.1951. 95.8 V77

70504 INTERNATIONAL APPLE ASSOCIATION. Report of the secretary, 1951. Rochester,1951. 47 p. 81 In83A

70505 IRWIN, J. M. The pickle picture for 1952. Canner 114(21):19. May 24,1952. 286.83 C16

70506 KING, C. J. NSW citrus; light over-all crop as drought result after preceding seasons' waterlogging. Citrus News 28:56,58. Apr.1952. 80 C494

70507 KLAUS, E. Was wird aus unserem obst- und gemüsebau? Bauern-Ztg. 5(18):1-2. May 2,1952. 18 B324
Germany.

70508 KNAUER, W. Gemüseanbau wieder aktuell? Hannoversche Land- u. Forstwirt. Ztg. 105:77. Jan.26, 1952. 18 H194

70509 LAMONT, T. E. The apple situation as I see it. N. Y. State Hort. Soc. News Let. 8(3):3-5. Mar./Apr. 1952. 81 N484N

70510 LAURENT, R. Le Comité Permanent Nord-Africain des Agrumes. Fruits et Primeurs de l'Afrique du Nord 22:129. Apr.1952. 80 F9482

70511 LOCKWOOD, T. J. The potato industry has just entered a new era. Badger Common 'Tater 5(3):6-7. Mar.1952. 75.8 B14

70512 MAIER-BODE, F. W. Kartoffelbau und ernährungssicherung. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:759-760. May 15,1952. 18 L2346
Economic importance.

70513 NICOLAISEN, W. Gemüseanbau in Niedersachsen. Früchte u. Gemüse Markt 3(52):22-26. Dec.29, 1951. 286.83 F9425
The industry.

70514 PAUL, J., JR. Ventura lettuce deal looks good, after all. West. Grower & Shipper 23(7):44-45. June 1952. 280.38 W52

70515 POWELL, H. R. Apples, pears & stone fruits—season's prospects reviewed. West. Austral. Dept. Agr. J. (n.s.)1:39-40. Jan./Feb.1952. 23 W52J

70516 RICE, W. S. Apricot crop of 155,000 tons seen; prune crop to be far short of 1951. Sunsweet Standard 36:7,9. June 1952. 286.83 Su7

70517 SEITZER. Apfelsine kontra inlandsapfel. Obstbau 71:17-18. Feb.1,1952. 80 Ob73
Apple situation in Germany.

70518 SETRAKIAN, A. The past and coming raisin program progress. Calif. Fruit News 125(3335):3-4. June 7,1952. 80 C12

70519 STAHL, A. L. Tropical fruit products. In Florida Mango Forum. Mango studies, p.120-122. Stuart,1951. 93.45 F66

70520 STAHL, A. L. Tropical fruit products research. In Florida Mango Forum. Mango studies, p.108-110. Stuart,1951. 93.45 F66

70521 STEPHAN, F. Obstbauförderung 1952. Bauer 5(20):9-12. May 20,1952. 19 B32
Austria.

70522 VAN DOREN, A. Control of atmosphere important to fruit storage life. West. Fruit Grower 6(6):33-34. June 1952. 95.8 G762

70523 VIEIRA, J. DE C. The banana. (In Portuguese) Gaz. do Agr. 4:90-102. Apr.1952. 24 G25
Various aspects of the industry in Mozambique.

70524 XANDRI TAGÜEÑA, J. M. Consideraciones sobre la industria tartárica en España. Siembra [Madrid] 8(3):10-14. Mar.1952. 15 Si1
Grape byproduct.

Analysis and Composition

70525 DEDONDER, R. Les glucides du topinambour. I-III. Soc. de Chim. Biol. B. 34:144-182. Ref. Jan./Feb.1952. 383 So1

70526 GILBERT, G. A., and PATRICK, A. D. Enzymes of the potato concerned in the synthesis of starch. I-II. Biochem. J. 51:181-190. Ref. May 1952. 382 B52

70527 GORDON, H. T. Simple and fast method of determining insecticide residue on fruit. West. Fruit Grower 6(6):35. June 1952. 95.8 G762

70528 GUTTERMAN, B. M. Report on catalase in frozen vegetables; progress report on the development of a rapid method. Assoc. Off. Agr. Chem. J. 35:181-184. May 15,1952. 381 As7

70529 HAHN, S. S., APPLEMAN, M. D., and KAPLAN, M. T. Microbiology of frozen orange concentrate. II-III. Food Technol. 6:165-170. Ref. May 1952. 389.8 F7398
II, Factors influencing the survival of microorganisms in frozen orange concentrate, by S. S. Hahn, and M. D. Appleman; III, Studies of enterococci in frozen concentrated orange juice, by M. T. Kaplan, and M. D. Appleman.

70530 HARKNESS, R. W. Laboratory tests of mango maturity. In Florida Mango Forum. Mango studies, p.133-136. Stuart,1951. 93.45 F66

70531 HELSEL, W. G. Report on extraneous materials in fruit products. Assoc. Off. Agr. Chem. J. 35:337. May 15,1952. 381 As7

70532 ILLIES, R. Über den fett- und aschegehalt von mandel- und aprikosenkernen. Zucker- u. Süsswaren-Wirt. 5:293-294. Apr.22,1952. 286.86 Z8

70533 JAKOVLIV, G. Réflexions sur les méthodes d'appréciation de la teneur en pectine des fruits. Indus. Agr. et Aliment. 69:317-320. Apr.1952. 383 As7
English summary.

70534 JANSEN, E. F., JANG, R., and BALLS, A. K. Citrus aminopeptidases. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:236. Mar.1952. 442.9 F31P

70535 KANNENBERG. Über den stärkegehalt der kartoffeln auf hochmoor. Landwirtbl. Weser-Ems 99: 440. May 1,1952. 18 L2345

70536 LOVEJOY, R. D. Report on quality factors in processed vegetable products. Assoc. Off. Agr. Chem. J. 35:179-181. May 15,1952. 381 As7

70537 MCCOMB, E. A., and MCCREADY, R. M. Rapid determination of moisture in dehydrated vegetables with Karl Fischer reagent by use of formamide as an extraction solvent. Assoc. Off. Agr. Chem. J. 35: 437-441. Ref. May 15,1952. 381 As7

70538 MAKOWER, R. U., and others. Comparison of methods for measuring the maturity factor in frozen peas. (Abs.) Canning Trade 74(48):11. June 16,1952. 286.83 T67
M. M. Boggs, H. K. Burr, and H. S. Olcott, joint authors.

70539 MARSHALL, C. R., and WALKLEY, V. T. The homofermentative lactobacilli of apple juice. J. Gen. Microbiol. 6:374-376. May 1952. 448.3 J823

70540 MURDOCK, D. I., FOLINAZZO, J. F., and TROY, V. S. Evaluation of plating media for citrus concentrates. Food Technol. 6:181-185. May 1952. 389.8 F7398

70541 NIVEN, T. B., and YAO, K. T. Variations in Marshall strawberries. (Abs.) Quick Frozen Foods 14 (11):59. June 1952. 389.8 Q4

70642 RENTSCHLER, H. Die ausfällung thermolabiler eiweissstoffe aus alkoholfreien traubensäften. Schweiz. Z. f. Obst- u. Weinbau 61:213-215. May 31, 1952. 80 Sch9

70543 SIGLE, K. Stärkereiche kartoffeln und eiweissgehalt. Deut. Landwirt. Gesell. Mitt. 67:335-336. May 10,1952. 18 N39

70544 SMITH, F. R. Report on extraneous materials in vegetable products. Assoc. Off. Agr. Chem. J. 35: 337-339. May 15,1952. 381 As7

70545 STRANGE, T. E. Report on gums in catsup and related tomato products. Assoc. Off. Agr. Chem. J. 35:354-357. May 15,1952. 381 As7

70546 WEBSTER, J. G., and DAWSON, J. A. A polarographic method for the estimation of tetrachloronitrobenzene residues on potatoes. Analyst 77:203-205. Apr.1952. 382 An1

70547 WILSON, J. B. Report on peel oils in citrus juices and other beverages. Assoc. Off. Agr. Chem. J. 35:263-264. May 15,1952. 381 As7

70548 YAKOWITZ, M. G. Report on extraneous materials in nut products. Assoc. Off. Agr. Chem. J. 35: 335-336. May 15,1952. 381 As7

Consumption and Utilization

70549 PLATE, R. Verwertung der kartoffelernten. Kartoffelwirtschaft 5:183. May 16,1952. 286.83 K14
Germany.

70550 SCHWALB, H. W. An apple for the chemist. Canad. Chem. Processing 36(5):97. May 1952. 381 C16
Products.

70551 U. S. BUR. OF AGRICULTURAL ECONOMICS. Consumer buying practices for selected fresh fruits, canned and frozen juices, and dried fruits, related to family characteristics, region, and city size. Apr.-Sept. 1950. Washington,1951. 82 p. 1.941 M8C76
U. S. Production and Marketing Administration cooperating.

70552 U. S. BUR. OF AGRICULTURAL ECONOMICS. Consumer fruit and juice purchases, Jan.-Mar. 1952, by regions and type of retail outlet. Washington,1952. 61 p. 1.941 M3R26
U. S. Production and Marketing Administration cooperating.

70553 YUNKER, M. Quality is key to consumer acceptance of dried fruit. West. Fruit Grower 6(6):19,21. June 1952. 95.8 G762

Distribution, Marketing, and Transportation

70554 ANDREAS, H. J. Research program for raisin grapes. West. Fruit Grower 6(6):15-16. June 1952. 95.8 G762
Chiefly marketing.

70555 BARGER, W. R., and others. Transportation test with early potatoes from Kern County, California to New York City, May, 1951. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 271,7 p. Apr.10,1952. 1.9 P772Ht
J. M. Harvey, W. A. Radspinner, and L. L. Morris, joint authors.

70556 BEYLEVELD, A. J., and SNYMAN, S. Grading, marketing and use of potatoes. Farming So. Africa 27: 250,260. Apr.1952. 24 So842

70557 BLOUNT, G. R. A fruit and vegetable buying guide for consumers. U. S. D. A. Home & Gard. B. 21, rev.,16 p. June 1952. 1 Ag84Hg
Formerly Miscellaneous Publication 167.

70558 BRETEAU. Rapport sur l'organisation interprofessionnelle européenne et méditérranéenne du marché des fruits et légumes. Inform. Marocaine 591: 1,3. May 10,1952. 281.8 In3

70559 CAPUS, J. P. Grower groups can promote vegetables with TV films. Mkt. Growers J. 81(6):34-35. June 1952. 6 M34

70560 CONNECTICUT. DEPT. OF FARMS AND MARKETS. Summary of carlot unloads, truck receipts and local receipts in Bridgeport, Hartford, New Haven and Waterbury for the year 1951, compiled by A. White and B. Yaffa.. Hartford,1952. 16 p. 280.39 C762
Fruit, vegetables, poultry, and eggs.

70561 COSSETTE, M. Pas de marché pour les patates du Québec! Pourquoi? B. des Agr. 34,i.e.48(5): 11,93-95. May 1952. 7 B872

70562 COUCHMAN, R. Cling peach growers face disturbing market conditions but strong organizations will help. West. Fruit Grower 6(6):30-31. June 1952. 95.8 G762

70563 DANY, A. Le marché de la pomme de terre. Bouches du Rhône Agr. 24(1072):1-2. Apr.15,1952. 14 B662

70564 DITGES, H. Westeuropäische vereinigung des obst- und gemüsegrosshandels? Früchte u. Gemuse Markt 4:567,570. May 2,1952. 286.83 F9425

70565 FONT DE MORA, R. Delivery condition at destination of citrus fruit. Inform. Com. Espan. (ser.3) 221:40-41. Jan.1952. 286.8 In3

70566 HANAUER, K. Der berufsverband; hort und stütze des niedersächsischen früchte-grosshandels. Früchte u. Gemüse Markt 3(52):15-16. Dec.29,1952. 286.83 F9425

70567 HELLIS, H. D. The decline in the copra and coconut oil markets. Amer. Chamber Com. J. 28:133-134. Apr.1952. 287 Am3P

70568 JENSEN, L. Cooperation in fruit marketing. (In Danish.) Erhvervsfrugtavleren 18:81-83. Jan.1952. 80 Er3

70569 KLEIN, K. Vermehrter genossenschaftlicher absatz auch im obst- und gemüsebau. Kärntner Bauer 102:221-224. Apr.5,1952. 19 K14

70570 LAVIGNE, N. F. Florida Citrus Mutual. Citrus Indus. 33(6):7,12-13. June 1952. 80 C49

70571 MAUPIN, D. F. Report on the Kern County Potato Growers Association. Fruit & Veg. Rev. 14(3):12, 18. June 1952. 80 C1224

70572 MAXTON, J. L. For a "better way" in marketing. Va. Fruit 40(3):44,46. Mar.1952. 81 V81B

70573 MILLER, C. R. The past season, market-wise: and the future. Mountaineer Grower 22(190):29-30,35-38. Feb.1952. 80 M86
Fruit.

70574 MULVILLE, R. W. The story of the Florida Citrus Commission. II. Citrus Indus. 33(6):9,11-12. June 1952. 80 C49

70575 OMER-DECUGIS, P. Rapport sur l'extension du régime de la vente au colis à certains produits d'origine nord-africaine. Inform. Marocaine 591:3. May 10,1952. 281.8 In3
Fruit and vegetables.

70576 PETERS, E. J. Aims of the National Potato Council. Fruit & Veg. Rev. 14(3):15. June 1952. 80 C1224

70577 PHILLIPS, H. What citrus growers have done to put profit into marketing. Mountaineer Grower 22(190): 38-43. Feb.1952. 80 M86

70578 RAIA, N. How the organization of citrus producers in the United States functions. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(40):8-9. May 14, 1952. 281.8 Ag3
California Fruit Growers Exchange.

70579 SCHLIEMANN, W. Zur kartoffelmarktlage. Kartoffelwirtschaft 5:164. May 3,1952. 286.83 K14
Germany.

70580 THIEBAUT, H. La coopération dans la production mirabellière. Cong. Pomol. de Lorraine. Compt. Rend. 4:9-22. 1951. 93.09 C7692
Includes discussion.

70581 TIMMONS, D. T. Mango marketing. In Florida Mango Forum. Mango studies, p.137-140. Stuart,1951. 93.45 F66

70582 U. S. PRODUCTION AND MARKETING ADMIN. Marketing Eastern Shore sweepotatoes. Washington,1952. 24 p. 1.956 F94M3496

70583 U. S. PRODUCTION AND MARKETING ADMIN. Merchandising fresh fruits and vegetables. A new motion picture. Washington,1952. 4 p.-folder. 1.956 F94M532

70584 WILLEY, F. T. Fruit marketing reform. Fruit, Flower & Veg. Trades' J. 101(20):15; (21):19; (22): 15. May 17-31,1952. 80 F946
Great Britain.

70585 WINDOLPH, F. Der fruchthandel—vom Grossmarkt Hannover aus gesehen. Früchte u. Gemüse 3(52):7-9. Dec.29,1951. 286.83 F9425

70586 WINSTON, J. R., CUBBEDGE, R., and KAUFMAN, J. Crated sweetcorn in transit. Fla. Grower 60(6): 16. June 1952. 80 F6622
Icing.

70587 WINSTON, J. R., CUBBEDGE, R., and KAUFMAN, J. Effect of hydrocooling and of top icing on temperature reduction in carlot shipments of crated green sweet corn. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 270,9 p. Apr.14,1952. 1.9 P772Ht

Grading, Inspection, Standardization, and Quality

70588 BIEDERMANN, W. Probleme der süssmosterei; die bräunung von obst und süssmost. Schweiz. Z. f. Obst- u. Weinbau 61:189-193. May 17,1952. 80 Sch9

70589 BUTLAND, P. The darkening of maraschino and glacé cherries. Food Technol. 6:208-209. June 1952. 389.8 F7398

70590 GOULD, W. A. Maturity and variety affect quality. Food Packer 33(6):28-29,62. June 1952. 286.83 C165
Sweet corn.

70591 HILLS, C. H., and others. Some effects of bruising on the yield and quality of canned montmorency cherries. (Abs.) Canning Trade 74(48):11. June 16, 1952. 286.83 T67
R. T. Whittenberger, W. F. Robertson, and W. H. Case, joint authors.

70592 INGRAHAM, L. L., CORSE, J., and MAKOWER, B. Enzymatic browning of fruits. III. Amer. Chem. Soc. J. 74:2623-2626. May 20,1952. 381 Am33J

70593 LEIBSTER. Der neue qualitätsbegriff beim obst auf grund des biologischen wertes. Bebauer die Erde 21:13-14. 1951. 18 B38

70594 MAKOWER, R. U., BOGGS, M. M., and BURR, H. K. Development of off-flavor in shelled peas held in cold water. Food Technol. 6:179-180. Ref. May 1952. 389.8 F7398

70595 QURESHI, A. A. Spoilage of canned fruits. Coop. & Mktg. Rev. 6:27-30. Jan.1952. 280.28 C78243

70596 SIEBENEICK, H. Die speisekartoffel in der bewährung. Kartoffelwirtschaft 5:184,188. May 16,1952. 286.83 K14

70597 SPANGLER, R. L. Cherry inspection. Mountaineer Grower 22(190):53-54. Feb.1952. 80 M86

70598 TRIP, J. Compulsory varietal descriptions for ware potatoes? (In Dutch.) Vakblad v. de Groothandel in Aardappelen, Groenten en Fruit 6(20):4-6. May 16,1952. 286.28 V22
Netherlands.

70599 U. S. PRODUCTION AND MARKETING ADMIN. U. S. standards for apples. (Effective July 23, 1951). Washington,1951. 19 p. 1.9 Ec74Ab

70600 U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of sulfured cherries. Rev. Washington,1951. 10 p. 1.956 A2Un367

70601 WAGENKNECHT, A. C. Deterioration in quality of frozen raw peas during storage. Quick Frozen Foods 14(10):49-51. May 1952. 389.8 Q4

70602 WHIPPLE, S. R. Deceptive pack kills future sales. West. Grower & Shipper 23(7):10-11. June 1952. 280.38 W52
Fruit and vegetable quality.

70603 WINKLER, A. J. Grape standardization. Wines & Vines 33(6):11. June 1952. 95.8 C122

70604 WINKLER, A. J. Problems of grape standardization. Calif. Fruit News 125(3335):9. June 7,1952. 80 C12

70605 WINKLER, A. J. Problems of grape standardization. Wine Inst. B. Members 593:10-11. May 21, 1952. 390.9 W72

Packing and Packaging

70606 BAKER, J. M. Marketing field peas in north Louisiana. Pre-Pack-Age 5(9):19-22. May 1952. 280.38 P91
Prepackaging.

70607 BRUNK, M. E. Proper merchandising—with prepackaging—sells apples. Pre-Pack-Age 5(9):11-14, 16,30. May 1952. 280.38 P91

70608 HRUSCHKA, H. W., and KAUFMAN, J. Films for lemons; a report on the relative keeping qualities of the fruit wrapped in various perforated and non-perforated films. Mod. Packaging 25(9):155-159. May 1952. 309.8 M72

70609 ISAACSON, I. On-end load crate breakage third less. West. Grower & Shipper 23(7):40-41. June 1952. 280.38 W52
Melons.

70610 MORLEY, W. C., JR. Consumer size packages for potatoes. Badger Common 'Tater 5(4):8. Apr.1952. 75.8 B14

70611 ROBERTSON, B. C. Prepackagers of fresh fruits and vegetables in the U. S. Pre-Pack-Age 5(10): 27-39. June 1952. 280.38 P91

70612 RYGG, G. L., and MCCOY, W. W. Results of prepackaging tests with carrots told. West. Grower & Shipper 23(7):58-60,62-64. June 1952. 280.38 W52

70613 SALE, M. L. Packaging walnuts pays. West. Fruit Grower 6(6):21-22. June 1952. 95.8 G762

70614 SAUNDERS, S. J. Prepacked fruits & vegetables: answer to frozen foods competition? Sales Mangt. 68(13):100,102-104. June 15,1952. 280.38 Sa3

Prices, Price Control, and Rationing

70615 REHWINKEL, E. Durch schaden klug geworden! Hannoversche Land- u. Forstwirt. Ztg. 105:51-52. Jan.19,1952. 18 H194
Price and production risks with particular reference to potatoes.

70616 SAVAGE, Z. Citrus prices. Citrus Mag. 14 (10):29. June 1952. 80 C498

Processing and Storage

70617 ALEXANDER, W. F., and SMITH, E. G. Hydrochloric acid in processing lye-peeled frozen peaches. West. Canner & Packer 44(5):14-16. May 1,1952. 286.83 W522

70618 ALMEIDA, J. R. DE, and VALSECCHI, O. Fermentation of the tamarind. (In Portuguese.) Bras. Açucareiro 38:365-367. Oct.1951. 65.8 B73

70619 ANQUEZ. Le froid et les fruits. France. Min. de l'Agr. B. Tech. d'Inform. 67:189-197. Mar.1952. 14 F844B
Refrigeration.

70620 BARKER, J., and MAPSON, L. W. The ascorbic acid content of potato tubers. III. The influence of storage in nitrogen, air and pure oxygen. New Phytol. 51: 90-115. Ref. Apr.1952. 450 N42

70621 BOUDET, V. Le séchage de la prune d'Agen. Fruits 7:149-175. Ref. Apr.1952. 80 F9492

70622 BRICHET, J. Les traitements fongicides gazeux appliqués aux agrumes nord-africains. Fruits et Primeurs de l'Afrique du Nord 22:134-136. Apr.1952. 80 F9482

70623 BRUNNER, H. Probleme der süssmosterei; die verwendung von konzentrat für süssmost. Schweiz. Z. f. Obst- u. Weinbau 61:212-213. May 31,1952. 80 Sch9

70624 COHEE, R. F., and NELSON, J. Preservation of color in red sour cherries with phytates. (Abs.) Canning Trade 74(49):9. June 23,1952. 286.83 T67

70625 COMMISSION INTERNATIONALE DES INDUSTRIES AGRICOLES. Documentation bibliographique sur les extractions de la reglisse. Paris,1952. 6 p. (B/2428) 241 C733

70626 CRUESS, W. V. Research on fruit and vegetable products. Food Mfr. 27:239-240. June 1,1952. 389.8 F736
Processing.

70627 ERICKSON, L. C. Growth regulators and lemon storage. Calif. Citrog. 37:321. June 1952. 80 C125

70628 ERICKSON, L. C. Growth regulators and lemon storage. Citrus Leaves 32(6):13. June 1952. 80 C482

70629 FALCH, J. Die anwendung des aethylens im kalifornischen walnussbau. Höhere Bundeslehr- u. Versanst. f. Wein-, Obst- u. Gartbau. Mitt. 2:71-74. (Concl.) Mar.1952. 105.9 K696
English summary.

70630 FISCHNICH, O., and GORSLER, A. Lagerung von kartoffelpflanzgut bei künstlicher beleuchtung. Forschanst. f. Landwirt. Schrreihe. 3:167-183. Ref. 1951. 105.8 B832

70631 FISCHNICH, O., and WOLLNER, F. Über den einfluss keimhemmender substanzen auf planzkartoffeln. Forschanst. f. Landwirt. Schrreihe. 3:115-165. Ref. 1951. 105.8 B832

70632 GRAHAM, J. Your frozen food bank account. Iowa. State Col. Agr. Ext. Iowa Farm Sci. 6(11):182. May 1952. 275.28 Io94
Recommended fruit and vegetable varieties.

70633 GUMPEL, H. Impressions from a study trip to England. (In Danish.) Erhvervsfrugtavleren 18:31-34. Nov.1951. 80 Er3
Chiefly on fruit processing research in England.

70634 HABERLY, M. Pickles and relishes for the family table. Idaho. Agr. Col. Ext. C. 121,6 p.-folder. Apr.1952. 275.29 Id13C

70635 HALL, F. Die gesunderhaltung des haustrunks. Obstbau 71:40-41. Mar.1,1952. 80 Ob73
Fruit juices.

70636 HARTE, W. H. Small plant teams technics to clinch frozen-fruit quality. Food Engin. 24(6):128-129, 204,206. June 1952. 389.8 F737
Equipment.

70637 HENDRICKSON, R., and KESTERSON, J. W. Orange concentrate evaporator scale identified as hesperidin. Citrus Mag. 14(10):26-27. June 1952. 80 C498

70638 HUNTER, A. O. Case for protection of dried fig industry. West. Fruit Grower 6(6):17-18. June 1952. 95.8 G762

70639 JACOB, E. Anwendung von keimhemmungsmitteln bei pflanzkartoffeln. Deut. Landwirt. 3:241-244. May 1952. 18 D4822

70640 JONES, T. M. Pea canning by the hydro system. Food Mfr. 27:215-218,222. June 1,1952. 389.8 F736

70641 KENNEDY, J. R. Bulk handling of vegetables. Badger Common 'Tater 5(3):1-2. Mar.1952. 75.8 B14

70642 KILBUCK, J. H., and VAUGHN, R. H. Sanitation in dry yards and dehydrator is essential to public welfare. West. Fruit Grower 6(6):23. June 1952. 95.8 G762

70643 MCCOLLOCH, R. J., KELLER, G. J., and BEAVENS, E. A. Factors influencing the quality of tomato products. I. Surface-localized pectic enzymes inactivated by blanching. Food Technol. 6:197-199. June 1952. 389.8 F7398

70644 MCCORD, G. A. A farina industry for Ulster. (Abridged.) Roy. Soc. Arts. J. 100:217-219. Feb.8,1952. 501 L847J
Potato flour.

70645 MARSHALL, C. R., and WALKLIN, A. C. Preparation of full-flavored apple juice with increased resistance to fermentation. Food Technol. 6:229-234. June 1952. 389.8 F7398

70646 MATALONI, G. Howard control in the production of [tomato] paste for export. (In Italian.) Indus. Ital. delle Conserve 26:155-157. Sept./Oct.1951. 389.8 In23

70647 MELVILLE, F. Diphenyl wraps for oranges; storage experiments with Washington navels. West. Austral. Dept. Agr. J. (n.s.)1:44-46. Jan./Feb.1952. 23 W52J

70648 MICHAEL, R., and HOLLINGSWORTH, J. P. Refrigerated storage for sweet potatoes. Tex. Agr. Expt. Sta. Prog. Rpt. 1454,4 p. Apr.10,1952. 100 T31P

70649 MORSE, R. E. Tomato juice and polyphosphates. Food Packer 33(6):30,52. June 1952. 286.83 C165
Effects on extraction and processing.

70650 MUSTARD, M. J. Preservation of mangos by freezing. In Florida Mango Forum. Mango studies, p.111-113. Stuart,1951. 93.45 F66

70651 MUSTARD, M. J. Some factors involved in the browning of quick-frozen fruits and vegetables. In Florida Mango Forum. Mango studies, p.123-125. Stuart,1951. Ref. 93.45 F66

70652 ORLOFF, M. D. Quality pickle products depend on every phase of the plant operation. Food Packer 33(6):32-33,54. June 1952. 286.83 C165

70653 ORSHANSKY, J. Cold storage of vegetables in Europe. (In Hebrew.) Hassadeh 32:126-128. (Concl.) Dec.1951. 26 H27

70654 PARKER, W. Observations of Florida's citrus industry. II. Citrus Leaves 32(6):10-11,24. June 1952. 80 C482
Processing.

70655 PHILLIPS, G. W. M., and others. Recovery of fruit essences in preserve manufacture. Food Technol. 6:210-213. June 1952. 389.8 F7398
R. K. Eskew, N. C. Aceto, and J. J. Skalamera, joint authors.

70656 PLATZER, S. Zur überwachung der kartoffelbestände: sorgfältige überwachung der kartoffelbestände in mieten, kellern, scheunen und lagerhäusern ist geboten! Kartoffelbau 2:249-250. Dec.1951. 75.8 K145

70657 RANDOLPH, B. Methods of preserving strawberries. Ark. Agr. Col. Ext. L. 151,4 p.-folder. Apr. 1951. 275.29 Ar4Le

70658 ROSTOS, G. M. The cooling of fruit. III. The control of storage conditions. Refrig. J. 5(10):34,36-38. Apr.1952. 295.8 R255

70659 SALLES, C. Le froid et les fruits. Cong. Pomol. de Lorraine. Compt. Rend. 4:31-39. 1951. 93.09 C7692
Includes discussion.

70660 SALLES, C., and LEMBERT, P. Principes généraux de la conservation des fruits en entrepôt frigorifique. Cong. Pomol. de Lorraine. Compt. Rend. 4:119-128. 1951. 93.09 C7692

70661 SCHELLNER, H. Das entsäuern der obstsäfte mit Wofatit. Höhere Bundeslehr- u. Versanst. f. Wein-, Obst- u. Gartbau. Mitt. 2:74-79. Mar.1952. 105.9 K696
English summary.

70662 SCHOBER, K. Gemeinschaftliche saatkartoffel-lagerkeller in kartoffelzuchtgebieten. Landwirtschaft 9/10:146-148. May 1952. 19 L235
Austria.

70663 SCHWEIGART, F. Beitrag zur bakteriologischen betriebskontrolle. Kälte 5:95-96. Apr.1952. 295.8 K122
Fruit processing.

70664 SINGH, K. K., KAPUR, N. S., and MATHUR, P. B. Studies in cold storage of beet roots, cabbages, cauliflowers and sweet potatoes. Indian J. Hort. 9:1-12. Ref. Mar.1952. 80 In2

70665 STRACHAN, C. C. Factors in canning quality apple sauce. Canad. Food Indus. 23(6):22-25. June 1952. 286.83 C166

70666 STRODTZ, N. H., BLUMER, T. E., and CLIFCORN, J. E. Retention of carotene during canning of tomato juice. (Abs.) Canner 114(24):26. June 14,1952. 286.83 C16

70667 TOWEY, J. M. Cherry history grows with bottling business; although prized and grown in considerable variety before the dawn of the Christian era, the cherry took its place among popular soft drink flavors in America only about 40 years ago. Amer. Bottler 94 (618):44-46. June 1952. 389.8 So8

70668 TOWNSLEY, P. M. New potato process: eliminate conditioning period in chip manufacture. Canad. Food Indus. 23(6):26-29. June 1952. 286.83 C166

70669 U. S. PRODUCTION AND MARKETING ADMIN. The comparative efficiency of current methods and types of equipment used for receiving field boxes of apples at storage houses in the Pacific Northwest area, by J. F. Herrick, Jr., D. L. Hunter, and R. S. Duerden. Washington,1952. 17 p. 1.956 M343C753

70670 URSCHEL, J. Whole vs. chopped greens. Canner 114(24):14-15. June 14,1952. 286.83 C16
For processing.

70671 WELLS, A. W. Storage of edible nuts. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 275,5 p. June 5,1952. 1.9 P772Ht

70672 WHITTENBERGER, R. T., and HILLS, C. H. Changes in red cherries caused by bruising, cooling and soaking. (Abs.) Canning Trade 74(48):11. June 16,1952. 286.83 T67

Statistics

70673 COMPAÑIA BANANERA DE COSTA RICA. Datos estadísticos de la inversiones y labores llevadas a cabo en Costa Rica. San José,1951. unpaged. 93.42 C73

70674 CONNECTICUT. DEPT. OF FARMS AND MARKETS. Connecticut vegetable industry and its outlook for 1952. Conn. Dept. Farms & Mkt. B. 121,18 p. Apr.1952. 2 C76B
Statistics.

70675 GERMANY. FEDERAL REPUBLIC (1949-). STATISTISCHES BUNDESAMT. Die obstbaumbestände im Bundesgebiet 1951 (vorläufiges ergebnis der obstbaumzählung 1951). Germany. Statis. Bundesamt. Statis. Ber. 3(11),7 p. May 8,1952. 265 V58

70676 KERR, G. E. K. Citrus plantings analysis of new citrus plantings indicates surplus of NSW lemons and Valencias in 1958. Citrus News 28:34-35,41. Mar. 1952. 80 C494

70677 NEW JERSEY. DEPT. OF AGRICULTURE. Facts and figures, annual potato summary, crop of 1951. N. J. Dept. Agr. C. 385,29 p. May 1952. 2 N46C

70678 NEW YORK. DEPT. OF AGRICULTURE AND MARKETS. BUR. OF STATISTICS. Survey of fruit orchards in Wayne County, New York. N. Y. Dept. Agr. & Mkts. Bur. Statis. RMA Release 9,9 p. May 1952. 280.3939 N483
Statistics.

70679 PLASSE, J. J. V. D. Auction data are not only interesting but also instructive. (In Dutch.) Fruitteelt 42:390-391. May 8,1952. 86 N28
Statistics of apple varieties.

70680 SEIBEL, A. Zur kartoffelernte: die kartoffelanbauflächen und -ernten in Deutschland und der welt. Kartoffelbau 2:242-245. Dec.1951. 75.8 K145

70681 WAAL, D. DE. Vegetable culture in Denmark. (In Dutch.) Landbouwwereldnieuws 7:294-295. May 10, 1952. 12 L237
Statistics.

GRAIN AND GRAIN PRODUCTS

70682 ACHENBACH, H. Erinnerungen an einen lehrkursus. Müllerei 5:317. May 10,1952. 298.8 M91
Milling.

70683 ALPHEN, G. VAN. Séchoirs à grains. Petit J. du Brasseur 60:342-346. May 9,1952. 390.8 P44
Includes discussion.

70684 ALTROGGE, L., and SCHAFER, W. Exakte versuche mit dem Hiddema-getriebe bei der 8. mahlung. Deut. Müller-Ztg. 50:229-232. May 14,1952. 298.8 Su2

70685 ALTROGGE, L., and SCHÄFER, W. Mahlversuche mit Hiddema-getriebe. I. Mühle 89:271-272. May 1,1952. 298.8 M89
Also in Müllerei 5:291-292. May 3,1952. 298.8 M91

70686 ALTROGGE, L., and SCHAFER, W. Mahlversuche mit Hiddema-getriebe. II. Mühle 89:283-285. May 8,1952. 298.8 M89
Also in Müllerei 5: 305-307. May 10, 1952. 298.8 M91

70687 ANDERSON, J. A. Protein grading. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11,p.80-83. Saskatoon,1951 31.2 Sa72

70688 APT, A. C. A rapid method of examining wheat samples for infestation. Nowest. Miller 247(23): 24. June 3,1952. 298.8 N81
Insect infestation.

70689 BAMONTE, A. A skilled milling technician in the times of Renzo and Lucia. (In Italian.) Molini d'Italia 3:109-113. Mar.1952. 298.8 M73
English summary, p. 97.

70690 BARUK, G. La meunerie marocaine. Meun. Franc. 67:46-50. Mar.1952. 298.8 M57

70691 BEDFORD, E. The production and supply of grain. V. Farm & Mkt. 1(5):25-26. May 1951. 280.28 F229
Great Britain.

70692 BELOVA, E. P. In regard to estimating the [grain] crop in a field experiment under conditions of large-scale mechanized agriculture. (In Russian.) Sovet. Agron. 10(5):90-92. May 1952. 20 So84

70693 BENBERG, K. Mehlnachsichtung. Müllerei 5:324. May 17,1952. 298.8 M91

70694 BERLINER, E. Cereal chemistry lessons for the practical miller. (In Italian.) Molini d'Italia 3:148. 150,152-153. (Cont.) Apr.1952. 298.8 M73
English summary, p. 145.

70695 BING, L. The rice problem in Kwangtung. Far East. Econ. Rev. 12:313. Mar.6,1952. 280.8 F223

70696 BOGUE, A. H. The outlook of the 1951 grain crop. Food Canada 12(6):18,20,22. June 1952. 389.8 F7323

70697 BOSS, S. J. World predictions encouraging for 1952 grain crops. Coop. Poultryman 17(6):10-11. June 1952. 47.8 C782

70698 BRAINE, B. Rice: key commodity in the Commonwealth. New Commonwealth 23:455,454. May 12,1952. 280.8 C88

70699 BUNDESANSTALT FUR GETREIDEVERARBEITUNG, DETMOLD. Jahresbericht, 45, 1951/52. Getreide u. Mehl 2:37-48. Ref. Apr.1952. 298.8 G332

70700 BUNDESANSTALT FÜR GETREIDEVERARBEITUNG, DETMOLD. Jahresbericht 45, 1951/52. Getreide u. Mehl 2:49-57. May 1952. 298.8 G332

70701 BURGESS, H. S. American mills and milling methods. (Sum.) Milling 118:372-374. Apr.12,1952. 298.8 M622

70702 BURTON, H. Some oxidase systems in flour. Roy. Inst. Chem. J. 75:159-160. 1951. 382 In7

70703 CALIFORNIA HAY, GRAIN & FEED DEALERS ASSOCIATION. 27th annual convention. Sacramento? 1951. 27 p. 389.79 C12

70704 CHRISTENSEN, C. D. The use of the commodity exchanges by the Iowa grain industry. J. Farm Econ. 34:242-249. May 1952. 280.8 J822

70705 COSGROVE, D. J., and others. Isolation of methoxy- and 2 : 6-dimethoxy-p-benzoquinone from fermented wheat germ. Nature [London] 169:966-967. June 7,1952. 472 N21
D. G. H. Daniels, E. N. Greer, J. B. Hutchinson, T. Moran, and J. K. Whitehead, joint authors.

70706 DREWS, E. Methoden der quantitativen bromat- und persulfatbestimmung in mehlen. Getreide u. Mehl 57-60. Ref. May 1952. 297.8 G332

70707 DUCE, R. Straw and bagasse for papermaking. New Commonwealth 23:524-525. May 26,1952. 280.8 C88

70708 ECKARDT. Die brotgetreidearten in vergangenheit und zukunft. Mühle 89:288,303. May 8-15,1952. 298.8 M89
Germany.

70709 FASIHUDDIN, M. Pakistan barley. Coop. & Mktg. Rev. 6:18-23. Jan.1952. 280.28 C78243
Statistics.

70710 FRITSCH, E. Die spurenstoffe des getreidekornes. Wissenschaftliche Müllerei 5:57-64. In Müllerei 5(20). May 17,1952. 298.8 M91

70711 GARCIA-BADELL, J. G. Los molinos harineros en la época de Felipe II. Tolva 9:904-919. Nov.1951. 59.8 T58T

70712 GEISS, H. Zur konzeption des getreidepreisgesetzes. Ernährungsdienst 7(56):6. May 17,1952. 389.8 Er62
Germany.

70713 GERRIE, H. Comparison of yield and quality of early and late harvested frozen wheat. Agr. Inst. Rev. 7(3):18-19. May 1952. 7 Ag8

70714 GLEASON, R. N. Rice production Taiwan. Chin.-Amer. Econ. Coop. 1(3):65-72. Mar.1952. 173.2 M98C
The industry.

70715 GONÇALVES, F. A. Notes on the drying of rice and on silos. (In Portuguese.) Lav. Arroz. 5(60):39-40. Dec.1951. 59.8 L39

70716 GOVI, C. We see at the XVI Bologna Fair how men have milled grain through the centuries. (In Italian.) Selez. di Tec. Molitoria 2(11):5-7. Mar.1952. 298.8 Se42

70717 GRAHAM, E. H. Minister clears up points on the wheat position. Poultry Farmer [Sydney] 19(39):4-5. Apr.5,1952. 280.28 Or32
New South Wales.

70718 GRAIN AND FEED DEALERS NATIONAL ASSOCIATION. Directory, summer 1952. St.Louis,1952. 72 p. 225 G763

70719 GRAIN drying;spoilage of stored crops is yielding an enormous waste which is now being vigorously attacked by University's agricultural engineers. Nebr. U. Research Rpt. 4:17-23. 1951. 330.9 N27

70720 GRAMMELSBERGER, J. Zweckentsprechende getreidekonditionierung und kraftbedarf. Müllerei 5:321. May 17,1952. 298.8 M91

70721 GYLLING, E. I., and EULER, H. VON. Catalase et acides aminés dans les graines en germination de l'orge. Soc. de Chim. Biol. B. 34:86-92. Ref. Jan./Feb.1952. 383 So1

70722 HARRIS, R. H., and FROKJER, D. Gluten fractions of hard red spring and durum wheat and their baking quality. Cereal Chem. 29:212-222. Ref. May 1952. 59.8 C33

70723 HERD, C. W. Flour as a raw material. Food Mfr. 27:227. June 1,1952. 389.8 F736
Milling.

70724 HERRERA BAEZ, M. D. La República Dominicana es el mayor productor de arroz de las Antillas. Dominican Repub. Sec. de Estado de Econ. y Com. Rev. 20:18-19. Jan./Feb.1952. 280.9 D712

70725 KENT-JONES, D. W. The last four years of cereal chemistry. Food Mfr. 27:233-234. June 1,1952. 389.8 F736

70726 KIK, M. C. Improvement of milled rice proteins by buttermilk and whey proteins. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:447-448. Mar.1952. 442.9 F31P

70727 KLEBER, W., and PAUKNER, E. Zur auflösung des malzes. Brauwelt 20:433-436. (Cont.) May 15,1952. 390.8 B732
Analysis.

70728 KNEEN, E. Studies on the cereal amylases. Minn. U. Sum. Ph. D. Theses 5:5-9. 1951. 241.8 M66

70729 KRAUSS, G., and REBMANN, A. Weitere analysen von gersten des jahrgangs 1951. Brauwelt 18: 400. May 1,1952. 390.8 B732
Germany.

70730 KREIPE, H. Interessante beobachtungen beider gärungstechnischen beratung von kornbrennereien im betriebsjahr 1951/52. Branntweinwirtschaft 74:160-161, 166. May 10,1952. 390.8 B7322

70731 LAMPE, B. Untersuchungen von rohstoffen aus kornbrennereien. Branntweinwirtschaft 74:158-159. Ref. May 10,1952. 390.8 B7322

70732 LAUTE. Lastenausgleich gefährdet mühlenwirtschaft! Mühle 89:269-270. May 1,1952. 298.8 M89
Germany.

70733 LENGERER, E. War das mehl früher besser? Müllerei 5:352. May 1952. 298.8 M91
Germany.

70734 LERA DE ISLA, A. La libertad del trigo, la harina y el pan. Tolva 9:1015-1016. Jan.1952. 59.8 T58T
Marketing in Spain.

70735 LEWIS, F. A. Expanded use of corn products in paper making. Paper Indus. 34:350-356. June 1952. 302.8 P1923

70736 MAHAICONY/ABARY RICE DEVELOPMENT SCHEME. Report to the 31st December, 1950. British Guiana,1952. 7 p. 59.9 M27

70737 MARCILLA ARRAZOLA, J., and others. El aprovechamiento industrial de los resíduos agrícolas 1. Estudio de la utilización de Los prehidrolizados de carozos de maíz (mazorcas desgranadas) en la fabricación de levaduras alimenticias. Spain. Sec. de Ferment. Indus. Cuaderno 1,50 p. Ref. 1951. 390.09 Sp1
E. Feduchy Mariño, L. H. Fernández-Cano, and J. Garrido Márquez, joint authors.

70738 MARGULIES, R. Zum kommenden getreidewirtschaftsjahr. Ernährungsdienst 7(50):5. May 3,1952. 389.8 Er62
Germany.

70739 MEDICI, G. The price of grain. (In Italian.) Gior. di Agr. 62:139. May 4/11,1952. 16 It1G
Italy.

70740 MEIJER, H. The wheat situation in Brazil. (In Dutch.) Landbouwwereldnieuws 7:279-281. May 3,1952. 12 L237

70741 MORSINK, G. H. Payment for grain according to quality. (In Dutch.) Cent. Bur. Meded. 36:57-58. May 1952. 12 N287

70742 NAGEL, G. Erfahrungsbericht über die verwendung von häcksel in meiner lehrwirtschaft. Deut. Landwirt. 3:273-274. May 1952. 18 D4822

70743 OLIVA, A. The present state of grain production in northern Italy: grain varieties and their possibilities. (In Italian.) Agr. Vicentina 82(11):1-2. June 1, 1951. 16 Ag8257
Wheat.

70744 OXLEY, T. A. Some basic principles of grain storage. Power Farmer 8:206-209. June 1952. 58.8 P872

70745 PEREZ LOREN, A. Peso, medida, rendimiento, calidad y precio del trigo. Ceres [Valladolid] 17(191):9-10. May 1,1952. 15 C33

70746 PIETRI-TONELLI, A. DE. Political and bureaucratic control of the national and international grain economy. (In Italian.) Lab. di Polit. Econ. di Ca' Foscari. Serv. di Studi Econ. B. 6:1-10. 1952. 280.9 V553

70747 POPOW, G. Die künstliche getreidetrocknung. Grüne 80:583-592. Ref. May 23,1952. 17 Sch9
Includes discussion.

70748 SANDEGREN, E. Einige untersuchungen über das mälzen von gerste. Brauwissenschaft 4:68-69. Apr.1952. 390.8 B733
English summary.

70749 SANTURIO, J. El problema del maíz. Cuba Econ. y Financ. 27(313):29. Apr.1952. 286.8 C892

70750 SCHAFER, W. Beurteilung der qualität von brotgetreide. Ernährungsdienst 7(62):5. May 31,1952. 389.8 Er62

70751 SMITH, D. Changes in new uniform grain storage agreement. Grain & Feed J. Consolidated 108 (10):8-10. May 28,1952. 298.8 G762

70752 SNODGRASS, P. It is now time to re-tell the story of the Nelungaloo wheat case. Land [Sydney] 2110: 4. Mar.21,1952. 23 L22

70753 STEWART, R. Probe shows lax USDA records encouraged grain shortage losses. Farmer-Stockman 55(6):6. June 1952. 6 Ok45

70754 STONE, I. A sensitive method for the determination of alpha-amylase activity of flour. Cereal Chem. 29:228-234. May 1952. 59.8 C33

70755 TARDIEU, A. Les améliorants chimiques des farines. Meun. Franc. 68:29-32. (Cont.) Apr.1952. 298.8 M57

70756 TESCARI, F. Straw for fiber in Vicentino. (In Italian.) Agr. Vicentina 83(10):1. May 15,1952. 16 Ag8257
Growing of the wheat and processing the straw as a family industry.

70757 THATCHER, M. W. Correct present Farm Act. Grain Prod. News 4(10):9-11. May 1952. 286.81 G764
Wheat price control.

70758 THEIMER, O. F. Getreideland Türkei. Mühle 89:311-313. May 22,1952. 298.8 M89

70759 THOMAS, B. Zur methode der kontrolle des ausmahlungsgrades im brot. Z. f. Lebensmtl.-Untersuch. u. -Forsch. 94:182-190. Mar.1952. 384 Z39

70760 TOCHINAI, Y., and SAWADA, T. On the relation of the wheat scab [Gibberella saubinetii] to the feeding troubles caused by the contaminated flour. (In Japanese.) Jap. J. Plant Protect. 21:33-39. Ref. Mar.1951. 421 J27
English summary.

70761 ULRICH, H. Welcher schwund entsteht beim lagern des getreides? Müllerei 5:349-350. May 1952. 298.8 M91

70762 UNION NATIONALE DES COOPERATIVES AGRICOLES DE CEREALES. Prix et modalités de paiement, de stockage et de rétrocession des céréales pour la campagne 1951-52 [France]. Union Natl. des Coop. Agr. de Céréales. C. 1,7 p. 1951. 59.9 Un35
Includes subsidies.

70763 UNION OF SOUTH AFRICA. CONTROLLER AND AUDITOR-GENERAL. Report on the accounts of the Mealie Industry Control Board for the accounting year 1st May, 1949 to 30th April, 1950 and the balance sheet as at 30th April, 1950. Pretoria,1951. 39 p. 286.9 So83Ve

70764 WALKER, L. Australia's wheat industry at the crossroads. (Sum.) Broomhall's (George) Corn Trade News. Wk. & Amer. Ed. 62:212-213. May 28,1952. 286.81 B79

70765 WEGE. Hessens getreidehandel. Ernährungsdienst 7(67):5. June 14,1952. 389.8 Er62

70766 WESTLAKE, W. E. A comparative study of acid and alkaline hydrolysis on cereal proteins. Minn. U. Sum. Ph. D. Theses 5:21-26. 1951. 241.8 M66

70767 WHITE, C. W. Preservation of baled straw stored in ricks. Tappi 35:143A-144A. May 1952. 302.8 T162

70768 ZIGANKE, H. Aus der geschichte der börse. Ernährungsdienst 7(67):5-6. June 14,1952. 389.8 Er62
Getreide- und Produktenbörse, Frankfurt.

HONEY AND BEESWAX

70769 JOUSTRA, J. A. How can we make beekeeping healthy again? (In Dutch.) Maandschr. v. Bijenteelt 54: 50. (Cont.) Apr.1952. 424.9 V58
Honey marketing in the Netherlands.

70770 MEDICI, M. Otras recomendaciones utiles acerca de la fabricación industrial de cera estampada. Mundo Agr. 4(35):96-97. Apr.1952. 9 M92

70771 PUENTE, M. Historia y poesia de la miel. ICA; Indus. y Com. de la Aliment. 7(76):21-22. Mar. 1952. 286.8 Ic1

70772 SCHILLER, J. La miel de abejas y el corazón. Almanaque Agr. Nac. 1952:131-134. 8 AL64

70773 SPECK, J. J. El uso de la miel de abejas. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Agr. 42(195):27. Jan./Mar.1952. 8 R323

70774 TINSLEY, J. A lecturette on the preparation and marketing of honey. Scot. Beekeeper 28:110-111. May 1952. 424.8 Sco8

70775 U. S. PRODUCTION AND MARKETING ADMIN. Honey. Washington,1952? 2 p. 1.956 A2H756

LIVESTOCK AND LIVESTOCK PRODUCTS

70776 ARAN, S. La producción porcina en España. Cult. Mod. 35:140-142. Apr.1952. 15 C89

70777 BOKUT', V. F. The leading collective farms of White Russia have over-fulfilled the Three-Year Plan for development of public livestock. (In Russian.) Sotsialist. Zhivotnovod. 13(11):21-26. Nov.1951. 49 So71

70778 CALIFORNIA STATE FAIR. Livestock premium list and rules and regulations, Thursday, Aug. 30, through Sunday, Sept. 9, 1951. Sacramento,1952? 163 p. 40.06 C12L

70779 CONWAY, H. M. Trends affecting future outlook for beef cattle. Natl. Live Stock Prod. 30(8):10,15. June 1952. 280.38 N21

70780 CRAY, A. S. Cheese and pigs from grass. Dairy Farmer [Ipswich] 25(6):21. June 1952. 44.8 D1414
The cow as a converter of grass into milk for cheese making and use of the whey for pig feeding.

70781 DAVIDSON, H. R. The great fats mystery. Unemployment may result from Ministry's apparently contradictory attitude. Farmer & Stock-Breeder 66(3266) 41,43. May 27,1952. 10 F228
Animal fats.

70782 DEBODE, A. Le mouton et la laine en Afrique du Nord. Rev. Internatl. des Prod. Colon. 27:87-88. Apr.1952. 286.8 R326
The industry.

70783 DEGRAFF, H. Feed—and—people. Feedstuffs 24(22):16,18-20,37-40. May 31,1952. 286.81 F322

70784 DREW, E. L. The year to date. (Excerpts.) Shoe & Leather Rptr. 266(6):31-34. May 10,1952. 303.8 Sh7
Includes hides and skins supplies.

70785 EMPSON, J. Blue-print for 1956. Farmer & Stock-Breeder 66(3267):43,45. June 3,1952. 10 F228
Meat production goal, Great Britain.

70786 FEDERACIÓN RURAL. Producción, abasto y comercialización de carne. Uruguay. Min. de Ganad. y Agr. B. Inform. 410:4-5. Apr.3,1952. 9.9 G15B

70787 GORBATOV, V. On the eve of mass slaughtering of livestock. (In Russian.) Miasnaia Indus. SSSR 22 (4):1-6. July/Aug.1951. 50.8 M58
Policy of meat combines.

70788 HARRISON, F. Solucion del problema de la carne. Diario Rur. 12(1103):5. May 3,1952. 9.9 D54
Uruguay.

70789 HUDNER, C. W. Present total of cattle [and other livestock] numbers not excessive. Calif. Cattleman, June 1952:7. 43.8 C12

70790 INNES, R. F. Libyan hide and leather industry. Leather Trades' Rev. 104:307-310,312. May 7,1952. 303.8 L48

70791 KIBLER, D. O. The hide man in today's business. Shoe & Leather Rptr. 266(10):13-14. June 7, 1952. 303.8 Sh7

70792 KLAS, L. Sheep and lambs are still good property. Co-op. Shipper 32(5):6. May 1952. 280.38 C78

70793 KUZNETSOV, N. A. Krest'ianin Kolkhoz [in Bogorodskii District, Gorki Region] is successfully fulfilling the Three-Year Plan for development of livestock. (In Russian.) Sotsialist. Zhivotnovod. 13(11):16-20. Nov. 1951. 49 So71

70794 LANDIS, J. Das neue landwirtschaftsgesetz mit besonderer berücksichtigung der viehzucht und des viehabsatzes. Schweiz. Fleckviehzucht-Verband. Mitt. 1:6-18. Mar.12,1952. 43.9 V584M

70795 LEVY, E. B. The call to produce more livestock. New Zeal. Soc. Anim. Prod. Proc. 11:38-47. 1951, pub.1952. 49.9 N483
Includes discussion.

70796 MACEWAN, G. The world picture in beef and other meats. Canad. Cattlemen 15(5):7,38. May 1,1952. 49 C16

70797 MAIOCCO, F. Rabbit raising and the meat crisis. (In Italian.) Gior. di Agr. 62:157. May 25,1952. 16 It1G
The industry in Italy.

70798 MOORE, M. P. Our opportunities and responsibilities in the Mid-South. Polled Hereford World Mag. 6(6):10-11. June 1952. 43.8 P76
Beef cattle industry.

70799 NATIONAL LIVE STOCK PRODUCERS ASSOCIATION. Annual report for the year 1951. Chicago, 1951. 67 p. 280.2409 N21

70800 OLIVERO BLANCO, C. A. Normas generales que rigen las presentaciones ante la administración nacional: concursos y exposiciones. Indus. Lech 33:408, 412-415,417. (Cont.) Aug.1951. 44.8 In26
Livestock and livestock products in Argentina.

70801 PICKELL, M. W. The changing cattle picture. Corn Belt Livestock Feeder 4(8):4-7. May 1952. 280.38 C81

70802 POLLOCK, R. C. Meat program stepped up. Chester White J. 42(6):3-4. June 1952. 46.8 W582

70803 RIVERA, V. Sheep about to die? (In Italian.) Mondo Agr. 3(17):5. Apr.27,1952. 16 M74
Italy.

70804 ROGERS, A. Research points the way; scientific approach destined to play leading role in livestock developments of the future. Amer. Hereford J. 43:36,40-42. May 1,1952. 43.8 Am32
In various aspects of the industry.

70805 SCHMIDT, J. Wiederaufbau der deutschen tierzucht. Deut. Landwirt.-Gesell. Mitt. 67:291-292. May 3,1952. 18 N39

70806 SCHNITZER, J. Materials controls and prospects. (Excerpts.) Shoe & Leather Rptr. 266(7):20-22. May 17,1952. 303.8 Sh7
Includes hides and skins.

70807 USERA, V. JR. El problema ganadero. Rev. del Café 7(11):22-23. May 1952. 8 R3295
Puerto Rico.

70808 WAAL, D. DE. The sheep industry in Norway. (In Dutch.) Landbouwwereldnieuws 7:275-277. May 3, 1952. 12 L237

Analysis and Composition

70809 BANERJEE, M. Chemico-physical interpretation of hides & skins. Tanner 6(11):21-25. (Cont.) Apr.1952. 303.8 T15

70810 BERGH, F., JEPSEN, A., and OLSEN, E. M. Investigation on the effect of freezing on the bacteria content of ground meat. (In Danish.) (sum.) Denmark. Stat. Hushrads. Faglige Meddel. 2:5-7. 1952. 321.9 D41F

70811 DWYER, P. J. A new method for determining the flexing properties of vegetable tanned sole leather. Soc. Leather Trades' Chem. J. 36:119-126. Apr.1952. 303.9 So12

70812 GUSTAVSON, K. H. The iso-electric points of chromium collagen compounds. Amer. Leather Chem. Assoc. J. 47:425-437. Ref. June 1952. 303.9 Am32

70813 HILL, L. M. The determination of tricresyl phosphate in cellulose-finished leathers. Soc. Leather Trades' Chem. J. 36:113-119. Ref. Apr.1952. 303.9 So12

70814 MCCOY, J. M. Report on creatin in meat products. Assoc. Off. Agr. Chem. J. 35:351-353. May 15,1952. 381 As7

70815 NICHOLS, J. B., and MACKINTOSH, D. L. Structural changes occurring in muscle tissue during repeated freezing and thawing. Food Technol. 6:170-174. May 1952. 389.8 F7398

70816 ORSI, G. D'. Contribution to the determination of leather density. (In Italian.) Italy. Staz. Sper. per l'Indus. delle Pelli e delle Materie Concianti. B. 28:156-160. (Cont.) Mar.1952. 303.8 It1

70817 RANDALL, E. B., and others. The variation of the physical and chemical properties of split and unsplit chrome-tanned leathers. Amer. Leather Chem. Assoc. J. 47:404-425. June 1952. 303.9 Am32
T. J. Carter, T. J. Kilduff, C. W. Mann, and J. R. Kanagy, Joint authors.

70818 STEVENS, F. J., and CHAPMAN, R. A. Report on starch in meat products. Assoc. Off. Agr. Chem. J. 35:345-351. May 15,1952. 381 As7

Consumption and Utilization

70819 RIEMENSCHNEIDER, R. W. Meat fats for frying potato chips. Potato Chipper 11(11):42,44,46. June 1952. 75.8 P844

70820 SCOTT, I. The horse gets a hair cut. Canad. Cattlemen 15(5):10-11. May 1,1952. 49 C16
Cutting and use.

Distribution, Marketing, and Transportation

70821 ABEL, H., and VOORHIES, E. C. Western livestock marketing; auctions capture increasingly large portions of market in cattle country. Calif. Cattleman, June 1952:6-7. 43.8 C12

70822 ARMOUR AND CO. Fifth annual report on self service meats. Chicago,1952. 28 p. 50.9 Ar5S

70823 ARMOUR AND CO. Self-service meats today, 1951. Chicago,1951. 31 p. 50.9 Ar5S

70824 CARNE, C. J. Rabbits in Canada. Austral. Dept. Com. & Agr. Overseas Trading 4(12):15,28. Mar. 1952. 286.9 Au7
Marketing outlook.

70825 CLAUSEN, A. What are the reasons for the good results of cooperative slaughtering? (In Danish.) Dansk Landbr. 71:219-220. May 8,1952. 280.28 V91
Marketing.

70826 DEWBERRY, E. B. The transportation of meat and offal. Food Mfr. 27:226. June 1,1952. 389.8 F736
Great Britain.

70827 DODD, L. High flying Berkshires viewed by breeders. Calif. Farmer, North. Ed. 196:502. May 17, 1952. 6 C126

70828 GUIMBRETIERE, A. Perspectives du marché du bétail. Anjou Agr. 7(258):1. May 14,1952. 14 An5

70829 HOOPER, J. A. Livestock cooperatives furnish leadership in production effort. Natl. Council Farmer Coop. Blue Book 19:11-12. 1952. 280.29 N21

70830 HULBERT, H. H. Are pastures greener with livestock contracting? News Farmer Coop. 19(3):8-10. June 1952. 166.2 N47
Contracting-purchasing methods employed by cooperatives.

70831 INDIA. MINISTRY OF FOOD AND AGRICULTURE. DIRECTORATE OF MARKETING AND INSPECTION. Brochure on the marketing of bristles in India. India. Off. Agr. Mktg. Adv. Brochure Ser. 7,42 p. June 1951. 280.39 In2B

70832 ISRAR-UL-HAQ. Cattle marketing problems. Coop. & Mktg. Rev. 6:1-14. Jan.1952. 280.28 C78243
Pakistan.

70833 LAMPHERE, L. The farm managers go to the stockyards. Amer. Soc. Farm Mgr. & Rur. Appraisers J. 15:147-150. Oct.1951. 281.8 Am32
Grades and marketing.

70834 LEQUIEN, H. Que doit faire l'acheteur d'un cheval atteint d'un vice rédhibitoire. Paysan Franç. 27 (413):7. (Cont.) May 1952. 14 P29

70835 NERVIK, O., and PATERSON, D. G. Marketing lambs; comparison of liveweight method and carcass weight and grade method. S. Dak. Agr. Expt. Sta. B. 416, 12 p. Dec.1951. 100 So82

70836 ONSLOW, W. Public relations program needed. Butchers' Advocate 131(22):8-12. May 28,1952. 286.85 B97
Meat industry.

70837 PEEL, B. On shipping horses. Thoroughbred Calif. 14:388-389,412-413. (Concl.) May 1952. 42.8 T393

70838 PLATE, R., and MITTENDORF, H. J. Mehr fleisch oder noch mehr milch? Auswirkungen verstärkter rindermast auf den markt für schlachtrinder. Agrarwirtschaft 1:112-116. May 1952. 281.8 Ag826
Market outlook in Germany.

70839 PLATE, R. Vorausschau auf den schweinemarkt; auswertung der schweinezählung vom 3. märz 1952. Agrarwirtschaft 1:99-103. May 1952. 281.8 Ag826
Germany.

70840 PUGSLEY, B. A 3-point program to cut market costs. Natl. Live Stock Prod. 30(8):3. June 1952. 280.38 N21
Livestock.

70841 RINGLER. Zuchtviehabsatz, vieheinfuhr und -ausfuhr der Verbandsabteilung Kaufbeuren im jahre 1951. Allgäuer Bauernbl. 20:195-196. Apr.17,1952. 18 AL53

70842 RUMCKER, J. VON. Zur entstehung des Bundesmarktverbandes für Vieh und Fleisch. Landwirt. Z. der Nord-Rheinprov. 119:397-398. Apr.19,1952. 18 L2344

70843 SVERIGES SLAKTERIFORBUND. Styrelse- och revisionsberättelse för år 1951 [Annual report and accounts of the Slaughtering Association of Sweden for the year 1951. Stockholm,1952. 45 p. 50.9 Sv2
Cooperative marketing.

70844 TERACHE, P. Les ordres du nouveau marché belge de la viande. Sillon Belge 22(505):1,6. Apr.19,1952. 13 Si3

70845 U. S. BUR. OF AGRICULTURAL ECONOMICS. Interstate movement of dairy cattle 11 Northeastern States, 1951. Washington,1952. 9 p. 1.941 M1St2

70846 WARD, F. S. H. Yorkshire baconers. Farm & Mkt. 1(5):10-12. May 1951. 280.28 F229
On the Yorkshire Farmers' Bacon Factory (1932) Ltd., a cooperative.

70847 WILLS, W. J. Livestock market location theory. J. Farm Econ. 34:253-258. May 1952. 280.8 J822

Grading, Inspection, Standardization, and Quality

70848 ALCAIDE INCHAUSTI, J. La escasez de curtientes perjudica la calidad de los curtidos. Rev. Sind. de Estadis. 6(24):34-39. Fourth Q.1951. 263 Es8B
Spain.

70849 ARCHER, E., and CONDAT, F. Le concours de carcasses de veaux de boucherie de Cunlhat (14 août 1951). France. Min. de l'Agr. B. Tech. d'Inform. 67:177-188. Mar.1952. 14 F844B

70850 BUSS, W. Eine uebersicht über die ergebnisse der bakteriologischen fleischuntersuchungen aus den jahren 1948 bis 1951. Lebensmitteltierarzt 3:34-35. Apr.1952. 41.8 L49

70851 CHARLET, P., and FEVRIER, R. Les concours de carcasses (bovins et ovins). France. Min. de l'Agr. B. Tech. d'Inform. 68:211-218. Apr.1952. 14 F844B

70852 FEVRIER, R. Le concours de porcs abattus. Porc 23(4):17-18. Apr.1952. 46.8 P822

70853 GLÄSSER. Zu den fleischvergiftungen durch salmonellen mit einer bemerkung von R. Schoene zu meinen arbeiten auf diesem gebiete in nr. 2, 1951 dieser monatshefte. Monatsh. f. Vetmed. 6:380-384. Oct.1,1951. 41.8 M742

70854 MCAULIFFE, W. S. Baconer Carcass Competitions; summary and analysis of the 1951 series. So. Austral. Dept. Agr. J. 55:415-416. Mar.1952. 23 So84

70855 MAMEDOV, G. Meat quality of coarse-wool sheep and their Merino hybrids. (In Russian.) Mîâsnaîâ Indus. SSSR. 22(4):68-73. July/Aug.1951. 50.8 M58

70856 NEW YORK. DEPT. OF AGRICULTURE AND MARKETS. Rules and regulations relative to health requirements governing the importation of livestock. N. Y. Dept. Agr. & Mkts. C. 711,7 p. 1951. 2 N482C

70857 ODEY, G. W. Better hides campaign. Leather World 44:276-277. Apr.17,1952. 303.8 L482
Defects.

70858 O'FLAHERTY, F. Damage to hides. Leather Mfr. 63(5):42-44. May 1952. 303 L484

70859 O'FLAHERTY, F. Damage to hides. Shoe & Leather Rptr. 266(7):17-19. May 17,1952. 303.8 Sh7

70860 OLSSON, B. The grading of meat and bacon. (In Swedish.) Jordbrekon. Meddel. 14:111-116. Mar.1952. 257.3 J76
English summary.

Packing and Packaging

70861 DAVIS, L. E., and MARKS, A. R. Efficient meat wrapping. Quick Frozen Foods 14(11):203-204. June 1952. 389.8 Q4

70862 ENDRES, J. F. Air-proof film package advised for self-service processed meats. Independ. Grocergram 26(4):60-61. Apr.1952. 286.28 In2

70863 KRAMER, R. C. Increasing labor efficiency in prepackaging meat. J. Farm Econ. 34:258-262. May 1952. 280.8 J822

70864 SMITH, C. A., JR. Centralized meat packaging for small stores. Chain Store Agr. Grocery Exec. Ed. 28(6):70-71,112,114. June 1952. 286.28 C34

Prices, Price Control, and Rationing

70865 BOWES, C. G. Pricing ham for building volume. Pa. Meat Dealer 26(4):17-18. Apr.1952. 286.85 P38

70866 HERRMANN, L. Die schwankungen der schweinepreise. Württemb. Wchnbl. f. Landwirt. 119: 448-449. May 17,1952. 18 W96

70867 PENABAD FRAGA, M. Los precios en la ganaderia. Rev. Ganad. [Habana] 12(4):60-61. Apr.1952. 49 R321

70868 RINTELEN. Grünlandbewirtschaftung im zeichen der milch- und rindfleischpreise. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:553-554. Apr.10, 1952. 18 L2346

70869 SPECHT, F. W. Why price controls cut meat production. West. Livestock J. 30(32):35,87,89. May 15, 1952. 6 F2278

Processing and Storage

70870 ARTÎUKH, I. A., and OSTASHEVSKIÎ, A. G. In regard to disinfecting meat infected with Salmonella choleraesuis with high temperatures. (In Russian.) Veterinariîâ 29(4):37-42. Apr.1952. 41.8 V6426

70871 AXELRAD, F. F. New trends in fat liquoring. Leather & Shoes 123(22):8,31-32. May 31,1952. 303.8 H53

70872 BERGSTROM, S. Simplification of mink pelting. (In Swedish.) Våra Pälsdjur 23:94-96. Mar.15,1952. 410 V42

70873 BRAUSE, L. A. El problema del abasto de carne a la capital y la situación de la industria frigorífica. Uruguay. Min. de Ganad. y Agr. B. Inform. 411: 1-2,14; 412:15-16. Apr.17-24,1952. 9.9 G15B

70874 BURTON, D., and HARRISON, J. M. Vegetable tanning. VI. Soc. Leather Trades' Chem. J. 36:68-78. Ref. Mar.1952. 303.9 So12

70875 CHEN, P. S. Syntans and newer tanning methods. Leather Mfr. 63(5):18-20. (Cont.) May 1952. 303 L484

70876 DRAUDT, N. Meat packer produces beef "cocktail." Food Engin. 24(6):67,150. June 1952. 389.8 F737

70877 GLAVIND, J., and PEDERSEN, J. W. Studies on the chemistry of oil tanning. I-II. Acta Chem. Scand. 6:451-456. 1952. 385 Ac82

70878 GREEN, G. H. Unhairing by means of enzymes (a review of the literature.) Soc. Leather Trades' Chem. J. 36:127-134. Ref. Apr.1952. 303.9 So12

70879 GUSTAVSON, K. H., and NESTVOLD, M. The effect of the degree of tannage on the acid binding capacity of vegetable tanned collagen. Soc. Leather Trades' Chem. J. 36:105-112. Ref. Apr.1952. 303.9 So12

70880 HALL-GREEN, C. E. The care and curing of hides and skins. Transkeian Ter. Agr. Dept. Umcebisi Womlimi Nomfuyi 29(1):33-36. (Excerpts.) Feb.1952. 24 T684

70881 HUMPHREYS, F. E. The drying of collagen and its reabsorption of water from humid atmospheres. Soc. Leather Trades' Chem. J. 36:90-96. Ref. Mar.1952. 303.9 So12

70882 KINGAN AND COMPANY. A dictionary of packinghouse terms. Indianapolis,1951. 101 p. 50 K58

70883 KNEW, E. Leather manufacture in Britain. III. Leather Trades' Rev. 104:313-314. (Cont.) May 7, 1952. 303.8 L48

70884 LEE, H., and WOLLENBERG, H. G. Sole leather tannages in mimosa liquors containing salts of the lyotrope series. Soc. Leather Trades' Chem. J. 36: 79-90. Mar.1952. 303.9 So12

70885 MILLER, P. Kitchen tanning of kid hides. Dairy Goat J. 30(6):8. June 1952. 40.18 M592

70886 PETRIE, W. Fine art of the sole leather tanner. VIII. Leather Trades' Rev. 104:111-112. Apr. 16,1952. 303.8 L48

70887 SHAW, S. G. The cutting of bacon under the rationing scheme; up-to-date pricing method. Grocer 173(4708):23. May 31,1952. 286.83 G895
Great Britain.

70888 SHUTTLEWORTH, S. G. A study of the bond forces involved in chrome tannage. Amer. Leather Chem. Assoc. J. 47:387-403. Ref. June 1952. 303.9 Am32

70889 SPAHRKAS, H. Über die trocknung mit infrarotstrahlen und ihre anwendung in der lederindustrie. Leder 3:79-86. Ref. Apr.15,1952. 303.8 L492

70890 SULZBACHER, W. L. Freezing and thawing frozen meats. (Abs.) Quick Frozen Foods 14(11):60-61. June 1952. 389.8 Q4

70891 SWIFT, C. E., and HANKINS, O. G. Rendering lard at low temperatures. Food Technol. 6:161-165. May 1952. 389.8 F7398

70892 WATTS, B. M., and LEHMANN, B. T. Ascorbic acid and meat color. Food Technol. 6:194-196. Ref. May 1952. 389.8 F7398
Effects of adding ascorbic acid to meat.

Statistics

70893 BREIMYER, H. F. Trends in cattle numbers. Feedstuffs 24(24):36-38. June 14,1952. 286.81 F322

70894 BRJANSKI, A. Die statistischen kennziffern für die reproduktion des viehs in der Sowjetunion. Statis. Praxis 7:101-106. May 1952. 251.8 St25

70895 BUCK, J. Bayerns viehbestände ende 1951. Bayern in Zahlen 6:129-131. Apr.1952. 265 B34
Statistics.

70896 CHAPMAN, R. E. Graphs and the woolgrower. Queensland Agr. J. 74:168-182. Mar.1952. 23 Q33

70897 MOULE, G. R. Vital statistics and the Queensland sheep industry. I. Queensland Agr. J. 74:224-241. Apr.1952. 23 Q33

70898 SIMONE, V. DE. Damages and the revival of the livestock supply of Polesine. (In Italian.) Agricoltura 1(2):48-51. Feb.1952. 16 Ag8226
Statistics.

70899 SOUTHERN RHODESIA. COLD STORAGE COMMISSION. Fourteenth annual report and accounts for the period 1st January to 31st December, 1951. Bulawayo,1952. 35 p. 50.9 R34
Statistics of the livestock industry.

70900 TOLEDANO CORROCHANO, J. Cada vez se obtienen mejores lotes nacionales de pieles karakul. Rev. Sind. de Estadís. 6(24):23-25. Fourth Q.1951. 263 Es8B
Statistics for Spain.

70901 WIRTH. Die entwicklung der nutztierhaltung in Württemberg-Baden (endgültiges ergebnis der viehzählung vom 3. dezember 1951). Statis. Monatsh. Württemberg-Baden 6:61-63. Feb.1952. 265 St24
Statistics.

OILS AND OILSEEDS

70902 ACHAYA, K. T., and SALETORE, S. A. Some investigation on hydroxy oils, particularly castor oil. (Abs.) Oils & Oilseeds J. 4(9/10):34. Mar./Apr.1952. 307.8 Oi54
Analysis.

70903 ADDOR, A. Preparation of soy flour. (In Portuguese.) Lav. Arroz. 6(62):27-28. Feb.1952. 59.3 L39

70904 AGGARWAL, J. S. Scope of the symposium: oil and allied industries in India. Oils & Oilseeds J. 4 (9/10):12. Mar./Apr.1952. 307.8 Oi54

70905 AIRAN, J. W. Carilla seed oil gel. (Abs.) Oils & Oilseeds J. 4(9/10):43-44. Mar./Apr.1952. 307.8 Oi54

70906 AMERICAN OIL CHEMISTS' SOCIETY. Directory of members, July, 1951. Chicago,1951. 119 p. 225 Am362

70907 ANDRÉ, E. Le tournesol ou "grand soleil" (Helianthus annuus L.), plante oléagineuse. 2. Oléagineux 7:339-344. June 1952. 77.8 OL2

70908 AUDERA OLIVER, V., and MENA OLIVARES, A. Desarrollo y perspectivas del mercado mundial de grasas y aceites. B. de Oleicult. Internatl. 2(6):1-8. Jan./Feb.1952. 307.8 B63
English summary, p. 91.

70909 AYENGAR, B. R. Y. Application of electric testing methods in the processing of oils. (Abs.) Oils & Oilseeds J. 4(9/10):44. Mar./Apr.1952. 307.8 Oi54

70910 AYERS, A. L., and SCOTT, C. R. A study of extraction rates for cottonseed and soybean flakes using n-hexane and various alcohol-hexane mixtures. Amer. Oil Chem. Soc. J. 29:213-218. June 1952. 307.8 J82

70911 BEAUS QUIJADA, M. Industrias derivadas de la agricultura; la obtención de aceites esenciales por enfloraje. Balearic Isl. Diputación Prov. B. de Agr. 90:8-9. Mar.1952. 15 B19

70912 BRANDT, J., and HENRY, C. G. Digest symposium: should restrictions on oleo be lifted? Coop. Digest 12(11a):10-11,24. May 15,1952. 280.28 C7896

70913 BRAWNER, J. H. Solvent extraction of cottonseed. Cotton Gin & Oil Mill Press 53(12):16,53-55. June 7,1952. 304.8 C822

70914 CARPENTER, A. W. Refuse industry recommendation; instead of decontrolling soybean oil meal, price stabilizers fix new ceiling of $81; protein distribution mess continues. East. Feed Merchant 3(6):64-65. June 1952. 389.78 Ea7

70915 CHATERJI, N. G. The economic aspects of the solvent extraction process in national planning of the Indian oil industry. (Abs.) Oils & Oilseeds J. 4(9/10): 25-26. Mar./Apr.1952. 307.8 Oi54

70916 COWAN, J. C. Soybean oil & metal inactivators. Potato Chipper 11(11):8,10,12. June 1952. 75.8 P844

70917 CREA, V. Adjustment of the oil market. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(37):1-3. May 3,1952. 281.8 Ag3
Olive oil.

70918 DATAR, G. V. Nutan ghani. (Abs.) Oil & Oilseeds J. 4(9/10):22-23. Mar./Apr.1952. 307.8 Oi54
Oil extraction equipment.

70919 DOLE, K. K. Dehydration of castor oil by substituted sulphonic acids and their salts as catalysts. (Abs.) Oils & Oilseeds J. 4(9/10):34-35. Mar./Apr. 1952. 307.8 Oi54

70920 DOLLEAR, F. G. Stability of cottonseed and peanut oils to autoxidation. Potato Chipper 11(11):24,26, 28,30,32. Ref. June 1952. 75.8 P844

70921 EDGARDO OYUELA, F. Resumen de lo aprendido en la industrialización de la palma africana oleaginosa. Comt. Nac. del Café B. 5:564-569. Aug./Sept.1951. 68.29 C732

70922 FESTER, G. A., and MARTINUZZI, E. A. Esencias volatiles de Verbenaceas argentinas. Asoc. Quim. Argentina. An. 40:36-60. Ref. Mar.1952. 385 So1A

70923 FONTANA, H. Hidrogenación de aceites de orujo refinados, extraidos por sulfuro de carbono. Ion 12:76-78. Feb.1952. 385 Io6

70924 FREZZOTTI, G. Brief considerations on the use of aluminum in the olive oil industry and trade. (In Italian.) Indus. Ital. delle Conserve 26:184-186. Sept./Oct.1951. 389.8 In23
For equipment and containers.

70925 GODBOLE, N. N. Estimation of acetyl value in determining the rancidity of oils and fats. (Abs.) Oils & Oilseeds J. 4(9/10):44-45. Mar./Apr.1952. 307.8 Oi54

70926 GOMES, P. Economic mosaics. (In Portuguese.) Bras. Açucareiro 38:460-462. Nov.1951. 65.8 B73
Olive and coconut production policy in Brazil.

70927 GOVINDARAJAN, V. S. Chromatography in the analysis of fatty oils and fatty acids. (Abs.) Oils & Oilseeds J. 4(9/10):43. Mar./Apr.1952. 307.8 Oi54

70928 GUENTHER, E. Production of essential oils for flavors in the Western Hemisphere. 2. Coffee & Tea Indus. 75(6):81-82. June 1952. 389.8 Sp4

70929 GUPTA, D. K. Rational utilization of oil-seed wealth of the country. (Abs.) Oils & Oilseeds J. 4(9/10): 21. Mar./Apr.1952. 307.8 Oi54
India.

70930 GUPTA, S. C. Kamala seed and its oil. (Abs.) Oils & Oilseeds J. 4(9/10):14. Mar./Apr.1952. 307.8 Oi54

70931 GUPTA, S. S. Recent advances in the analysis of oils and fats. (Abs.) Oils & Oilseeds J. 4(9/10):41. Mar./Apr.1952. 307.8 Oi54

70932 HAI, and SALETORE, S. A. Drier effects on drying of linseed oil. (Abs.) Oils & Oilseeds J. 4(9/10): 36. Mar./Apr.1952. 307.8 Oi54

70933 JACINI, G. Structure and characteristics of copolymers among olefines and drying oils. (In Italian.) Olearia 6:75-79. Mar./Apr.1952. 307.8 OL2
English summary.

70934 JANTZEN, E., and ERDMANN, W. Siedepunkte der fettsäuren. Fette u. Seifen 54:197-201. Apr.1952. 384 C422

70935 KAHAN, S. Report on antioxidants in oils, fats, and waxes; propyl gallate. Assoc. Off. Agr. Chem. J. 35:186-192. May 15,1952. 381 As7

70936 KANE, J. G. Utilisation of mowrah oil. (Abs.) Oils & Oilseeds J. 4(9/10):17. Mar./Apr.1952. 307.8 Oi54

70937 KARTHA, A. R. S. Some recent advances in the study of the natural fats. (Abs.) Oils & Oilseeds J. 4(9/10):42,45. Mar./Apr.1952. 307.8 Oi54

70938 KARTHA, A. R. S. Some regularities in the melting and solidifying points of mixtures of fully saturated glycerides with non-fully saturated glycerides & saturated with unsaturated fatty acids. (Abs.) Oils & Oilseeds J. 4(9/10):47. Mar./Apr.1952. 307.8 Oi54

70939 KAUFMANN, H. P., and BALTES, J. Gemeinschaftsarbeiten der DGF, 22. Neubearbeitung der "einheitlichen untersuchungsmethoden für die fett- und wachsindustrie." XII. Olsaaten und -früchte, ölkuchen und schrote. Fette u. Seifen 54:257-260. May 1952. 384 C422

70940 KELLER, J. C. Use of peanuts salted and in candy above year ago; in peanut butter less. Peanut J. & Nut World 31(8):21,23. June 7,1952. 77.8 P313

70941 KHANNA, M. L. Vegetable oils as petroleum products substitutes. (Abs.) Oils & Oilseeds J. 4(9/10): 45-47. Mar./Apr.1952. 307.8 Oi54

70942 LANGENAU, E. E. The role of essential oils in modern industry. J. Chem. Educ. 29:290-291. June 1952. 381 J826

70943 LAUGHLAND, D. H. The estimation of vitamin A in low potency oils. Canad. J. Technol. 30:116-129. Ref. May 1952. 470 C16F
The Morton-Stubbs correction is used in the analysis.

70944 LIPS, H. J., and CRAMPTON, E. W. Linseed oil problems in food use. Canad. Chem. Processing 36(6): 66,68. June 1,1952. 381 C16
Problems in flavor deterioration.

70945 LIPS, H. J. Oxidative flavor deterioration in fats and oils. Food Canada 12(6):9-10,12,16. June 1952. 389.8 F7323

70946 LOPES, H. D. S. The grading of iodine in the Hanus and Wiis solutions. (In Italian.) Olearia 6:80-84. Ref. Mar/Apr.1952. 307.8 OL2
English summary.
Determination in oils and fats.

70947 MAI, S. H., and RAILA, F. A. Microanalysis of fatty acid mixtures. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:99. Mar.1952. 442.9 F31P

70948 MARINUCCI, M. Increase in oil production. (In Italian.) Oleario 1(2):1-2. Sept.15,1951. 94.7 OL2
Olive oil.

70949 MARIWALA, V. V. Prospects of oil milling industry in India. (Abs.) Oils & Oilseeds J. 4(9/10):24. Mar./Apr.1952. 307.8 Oi54

70950 MARTINENGHI, G. B. The Instituto de Oleos at Rio de Janeiro and its part in the development of the oil and fat resources and industries of Brazil. (In Italian.) Olearia 6:61-68. Mar./Apr.1952. 307.8 OL2
English summary.

70951 MATAGRIN, A. La vérité sur le soya. Terre d'Oc 34:135-148. (Concl.) Apr.1952. 14 Ar5
Utilization.

70952 MATHUR, H. H. Cashew nut shell liquid—a potential raw material for the paints and varnishes. (Abs.) Oils & Oilseeds J. 4(9/10):37-38. Mar./Apr. 1952. 307.8 Oi54

70953 MATHUR, K. G. The refining of vegetable oils with special reference to groundnut oil. (Abs.) Oils & Oilseeds J. 4(9/10):21. Mar./Apr.1952. 307.8 Oi54

70954 MEARA, M. L., and SEN, N. K. The component fatty acids and glycerides of jute-seed oils. J. Sci. Food & Agr. 3:237-240. May 1952. 382 So12

70955 MEHTA, D. J. Utilization of vegetable oils for the preparation of alkyd resins from tetrachlorophthalic anhydride resins. (Abs.) Oils & Oilseeds J. 4 (9/10):37. Mar./Apr.1952. 307.8 Oi54

70956 MEIER, K. E. Akute werkstoff-fragen auf dem gebiet der speisefett-gewinnung unter besonderer berücksichtigung der milchbearbeitungsmaschinen. Fette u. Seifen 54:284-286. May 1952. 384 C422

70957 MITRA, C. Refined nim oil (Melia azadirachta)—a potential raw material for soap and allied industries. (Abs.) Oils & Oilseeds J. 4(9/10):16-18. Mar./Apr.1952. 307.8 Oi54

70958 MONTGUERRE, J. M. Essai pour une généalogie de l'huile d'olive à travers l'antiquité grecque et romaine. Oléagineux 7:333-334. June 1952. 77.8 OL2

70959 MÜLLER, R. Weltwirtschaftspflanze soja. Agrarwirtschaft 1:118-120. May 1952. 281.8 Ag826
Situation and outlook.

70960 MURRAY, J. Essential oil constituents; identification by physical methods. Perfumery & Essential Oil Rec. 43:148-150. May 1952. 308.8 P41

70961 MURRAY, J., and STANLEY, B. G. The essential oil of Nothopanax simplex. J. Appl. Chem. 2:5-7. Ref. Jan.1952. 382 J82

70962 MURTHI, K. S. The future of cottonseed oil milling and its utilization in India. (Abs.) Oils & Oilseeds J. 4(9/10):23. Mar./Apr.1952. 307.8 Oi54

70963 NANAVATI, D. D. A study of catalyst in vanaspati production. (Abs.) Oils & Oilseeds J. 4(9/10): 32. Mar./Apr.1952. 307.8 Oi54

70964 NATIONAL COTTONSEED PRODUCTS ASSOCIATION. Official proceedings, fifty-fifth annual convention, Palm Beach Biltmore, Palm Beach, Florida, May 14-15, 1951. Palm Beach,1951. 54 p. 72.9 In8

70965 NAUDET, M., and DESNUELLE, P. Séparation des acides "courts" de l'huile de coprah par interestérification dirigée. Oléagineux 7:335-337. June 1952. 77.8 OL2

70966 NAYAK, U. G., DEV, S., and GUHA, P. C. Essential oil from Hymenatherum tenhifolium, Cass.; isolation of hymentherene, a new acyclic monoterpene. Indian Chem. Soc. J. 29:23-28. Jan.1952. 385 In27

70967 NAYAK, U. G., and GUHA, P. C. Essential oil from Ocimum killimanjaricum, Guerke; isolation of 70% of camphor. Indian. Chem. Soc. J. 29:112-116. Feb.1952. 385 In27

70968 NAYAK, U. G., and GUHA, P. C. Essential oil from the leaves of Atalantia monophylla (D. C. Prodr, Flourbindawight), wild lime oil. Indian Chem. Soc. J. 28:713-716. Dec.1951. 385 In27

70969 NAYAR, T. K. Availability of petroleum solvents for solvent extraction of vegetable oils. (Abs.) Oils & Oilseeds J. 4(9/10):27. Mar./Apr.1952. 307.8 Oi54

70970 NOBILI, M. A. C. Destilación de aceites esenciales. Chacra 22(258):54-55. May 1952. 9 C34

70971 O'CONNOR, R. T., and others. Influence of condition of seed on the spectral properties of crude and processed hydraulic cottonseed oils. Amer. Oil Chem. Soc. J. 29:220-224. June 1952. 307.8 J82
C. H. Pominski, D. C. Heinzelman, H. Howell, and P. von der Haar, joint authors.

70972 OSTALE TUDELA, E. Olivos del cerro de Alcañiz. Cám. Ofic. Sind. Agr. B. Mens. 46:30. Mar. 1952. 15 Sa7

70973 PACK, F. C., PLANCK, R. W., and DOLLEAR, F. G. Determination of the total unsaturation of tung oil by catalytic hydrogenation. Amer. Oil Chem. Soc. J. 29: 227-228. June 1952. 307.8 J82

70974 PALLADINO, G. Examen des divers facteurs qui déterminent la situation du marché oléicole italien. Feuilles d'Inform. Oléicoles Internati. (n.s.)12:3-11. Jan./Feb.1952. 80 F43
English summary.

70975 PALTRE, L. El labdanum. Ion 7:132-134. Mar.1952. 385 Io6

70976 PAREKH, H. V. Practical working and economics of a modern solvent extraction plant. (Abs.) Oils & Oilseeds J. 4(9/10):25. Mar./Apr.1952. 307.8 O154

70977 PATEL, C. B. Low temperature crystallisation technique. (Abs.) Oils & Oilseeds J. 4(9/10):41-42. Mar./Apr.1952. 307.8 O154
In oils and fats.

70978 PATNAIK, P. K. Oils & allied industries in the future development of India. (Abs.) Oils & Oilseeds J. 4(9/10):18. Mar./Apr.1952. 307.8 O154

70979 PELLETT, K. Do latex paints threaten market for soybean oil? "No" says world's largest processor for the paint industry. Soybean Digest 12(6):17-19. Apr.1952. 60.38 So9

70980 PETIT, J., and FOURNIER, P. Contribution à l'étude de l'action du styrène sur les huiles siccatives et leurs acides gras. Soc. Chim. de France. B. 3/4: 287-292. Ref. Mar./Apr.1952. 383 P21B
Includes linseed and tung oil.

70981 PETIT, J., and BOSSHARD, G. Contribution à l'étude du traitement thermique des huiles végétales. I. Cas de l'huile d'olive: aspect de la décomposition. Soc. Chim. de France. B. 3/4:293-296. Mar./Apr.1952. 383 P21B

70982 PRAKASH, O. Production & utilization of mustard oil in India. (Abs.) Oils & Oilseeds J. 4(9/10): 19. Mar./Apr.1952. 307.8 O154

70983 PRAKASH, O. Use of vegetable oils in the manufacture of modified alkyd resins. (Abs.) Oils & Oilseeds J. 4(9/10):38. Mar./Apr.1952. 307.8 O154

70984 PRICHARD, G. L. The 1952 cottonseed price support program. Cotton Gin & Oil Mill Press 53(11): 19-20,22. May 24,1952. 304.8 C822

70985 PRINCIPAUX indices des huiles d'olive de Tunisie (campagne 1950-51). Feuille d'Inform. Oleicoles (n.s.)14:902-933. Fourth Q.1951. 80 F432

70986 QURESHI, I. M. Forest oilseed wealth of Bombay State. (Abs.) Oils & Oilseeds J. 4(9/10):14. Mar./Apr.1952. 307.8 O154

70987 RICHARDS, I. W. Solvent extraction. (Abs.) Oils & Oilseeds J. 4(9/10):26. Mar./Apr.1952. 307.8 O154

70988 RIGAMONTI, R., and RICCIO, V. Trennung von fettsäuren und triglyceriden mit hilfe der harnstoffadditionsverbindungen. Fette u. Seifen 54:193-197. Apr.1952. 384 C422

70989 ROUSSEAU, P. M. Essais sur le dosage de la matière grasse des olives par réfractométrie. Feuille d'Inform. Oleicoles (n.s.)14:934-943. Fourth Q.1951. 80 F432

70990 SEAMAN, J. Improved usage of natural fatty materials. Food [London] 21:207-209. June 1952. 389.8 F738
Edible fats.

70991 SEN, N. K., and CHAKRAVARTI, J. K. The sterols of jute seed oil (Corchorus capsularis). I. Indian Chem. Soc. J. 28:727-731. Dec.1951. 385 In27

70992 SETHI, S. C. Stabilization of edible fats. (Abs.) Oils & Oilseeds J. 4(9/10):44. Mar./Apr.1952. 307.8 O154

70993 SHARMA, P. G. Tobacco seed oil as a potential raw material in surface coatings. (Abs.) Oils & Oilseeds J. 4(9/10):36. Mar./Apr.1952. 307.8 O154

70994 SHOHET, A. E. The vanaspati industry: a brief survey. (Abs.) Oils & Oilseeds J. 4(9/10):30. Mar./Apr.1952. 307.8 O154
India.

70995 SHRIVASTAVA, R. C. Gokhru as source of vegetable oil. (Abs.) Oils & Oilseeds J. 4(9/10):14. Mar./Apr.1952. 307.8 O154
Xanthium strumarium.

70996 SINCOCK, R. L. Mint or oil is not all gold. Wash. Farmer 77:459,484. June 5,1952. 6 R151
Peppermint oil industry in Washington.

70997 SIVASAMBAN, M. A., SALETORE, S. A., and ZAHEER, S. H. Dehydration of castor oil. (Abs.) Oils & Oilseeds J. 4(9/10):35. Mar./Apr.1952. 307.8 O154

70998 SPITERI, J. La margine. B. Écon. et Social de la Tunisie 63:44-50. Apr.1952. 280.8 B874
Olive waste analysis and uses.

70999 STEINLE, J. V. Wax chemurgy in the U. S. Chemurg. Digest 11(6):4-5. June 1952. 381 N213Na

71000 STRAYER, G. M. Are European markets lost? Soybean Digest 12(6):5-6. Apr.1952. 60.38 So9

71001 TRIVEDI, R. K. High pressure technique for fat splitting and hydrogenation of fatty acids. (Abs.) Oils & Oilseeds J. 4(9/10):32,30. Mar./Apr.1952. 307.8 O154

71002 UNGER, H. Konkurrenten unserer ölfrüchte. Deut. Landwirt. 3:191-193. Ref. Apr.1952. 18 D4822
Russian Zone.

71003 VALLEGGI, M. Outline of technique, mechanics and economics of olive oil manufacture. (In Italian.) Olivicoltura 7(2):10-18. Feb.1952. 80 OL42

71004 VARELA A., J. D. El frijol soya en Cundinamarca. Agr. Trop. 8(4):9-11. Apr.1952. 26 Ag8
The industry.

71005 VEERDEGEM, VAN. El aceite de oliva en Belgica. B. de Oleicult. Internati. 2(6):60. Jan./Feb. 1952. 307.8 B63

71006 VERMA, J. P., and SHASTRY, S. L. Extraction of castor oil through aqueous medium. (Abs.) Oils & Oilseeds J. 4(9/10):26-27. Mar./Apr.1952. 307.8 O154

71007 VISHRAM, T. M. Trading in vegetable oils in India & its future. (Abs.) Oils & Oilseeds J. 4(9/10):20. Mar./Apr.1952. 307.8 O154

71008 WILBAUX, R. Essais de distillation d'Ocimum suave. B. de Doc. et de Tech. Agr. 5(16):77-80. Second Q.1951. 24 B873

71009 WILLICH, R. K., and others. Peanut butter. II. Effect of roasting and blanching on the thiamine content of peanut butter. Food Technol. 6:199-200. June 1952. 389.8 F7398
M. D. Murray, R. T. O'Connor, and A. F. Freeman, joint authors.

71010 XABREGAS, J. On the working of small plants for the extraction of vegetable oils in Angola. (In Portuguese.) Agron. Angolana 5:195-201. 1951. 24 Ag83
English summary.

71011 XABREGAS, J. The palm oil production and the Oil Palm Research Station of Nigeria. (In Portuguese) Agron. Angolana 5:95-110. 1951. 24 Ag83
English summary.

71012 ZILCH, K. T., DUTTON, H. J., and COWAN, J. C. Preparation of methyl linoleate hydroperoxide. Amer. Oil Chem. Soc. J. 29:244-246. June 1952. 307.8 J82

POULTRY AND POULTRY PRODUCTS

71013 BERGQUIST, D. H., and STEWART, G. F. Atomization as a factor affecting quality in spray-dried albumen. Food Technol. 6:201-203. June 1952. 389.8 F7398
Egg white.

71014 BOSE, S. The marketing of poultry products. Indian Farming 2:32. Apr.1952. 22 In283

71015 BROILER production in the eleventh district. Fed. Reserve Bank. Dallas. Mon. Business Rev. 37:77-84. June 1,1952. 284.8 F31D

71016 CENTRICH SUREDA, J. El frío en la conservación de la volatería, caza y huevos. Veterinaria [Madrid] 16:401-406. May 1952. 41.8 V6429

71017 CHAPMAN, E. F. The need for good publicity. Poultry Indus.-[Milford] 17:207. May 15,1952. 47.8 P8644
For poultry and eggs.

71018 CHRISTENSEN, L. K. Denaturation and enzymatic hydrolysis of lactoglobulin with some observations on the hydrolysis of egg albumin. Carlsberg Lab. Compt. Rend. Trav. Ser. Chim. 28:37-169. Ref. 1952. 390.9 C19

71019 CUNNINGHAM, C. Examen de huevos a la luz. Chile Avíc. 51:6819-6820. Apr.1952. 47.8 C43

71020 CUNNINGHAM, C. Si es suficientemente fuerte, la luz revela cualquier defecto en la calidad del huevo. Mundo Agr. 4(35):98. Apr.1952. 9 M92

71021 DENTON, C. A., KELLOGG, W. L., and BIRD, H. R. The apparent vitamin B_{12} content of eggs as affected by extraction in the presence of cyanide. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:440. Mar. 1952. 442.9 F31P

71022 FLEURY, F. Le climat avicole du canton de Granby. Ferme 13(7):64-65. Mar.1952. 7 F38

71023 FROST, D. J. Sealing English eggs with oil. Farm & Mkt. 1(5):20. May 1951. 280.28 F229

71024 GARLICHS, O. Die neue eierverordnung. Deut. Wirtgeflugelzucht. 4:389-391. May 17,1952. 47.8 D483
Grading.

71025 GOLTZ, G. Neuartige kontaktkühlung für geflügel in England. Deut. Wirtgeflügelzucht. 4:345. Apr.19,1952. 47.8 D483

71026 GRZIMEK, B. Das eierbuch: ein handbuch für eierfachleute, kennzeichnungsstellen und geflügelzuchter. Ed. 6, rev., and enl. by A. Hartmann. Stuttgart,Pfenningstorff,1951. 192 p. 47 G92E

71027 HAGEMANN, P. Unsere oster-konkurrenz. Geflügelhof 15:290-291. May 2,1952. 47.8 G276
Sale of eggs for Easter in Switzerland.

71028 HARO, M. Nuestra avicultura. Tierra [México] 7:164-166,206. Mar.1952. 8 T445

71029 JOHNSON, E. A. Fryer production—let's look at the possibilities. Coop. Poultryman 17(6):3-4,22. June 1952. 47.8 C782

71030 KAMINSKI, M., and NOUVEL, J. Étude comparative des propriétés immunochimiques et électrophorétiques des constituants du blanc d'oeuf de poule, cigogne, marabout et oie égyptienne. Soc. de Chim. Biol. B. 34:11-19. Jan./Feb.1952. 383 So1

71031 KARPOFF, E. 25% more broilers grown in '51. Broiler Growing 3(6):19-21. June 1952. 47.8 B782

71032 KLOSE, A. A., and MECHHI, E. P. Antioxidants in frozen poultry. (Abs.) Quick Frozen Foods 14 (11):59. June 1952. 389.8 Q4

71033 MEYER, G. Zur deutschen elererzeugung. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:654. Apr. 24,1952. 18 L2346

71034 MINNESOTA. STATE-FEDERAL CROP AND LIVESTOCK REPORTING BD. Minnesota turkey industry, by R. A. Bergersen. St. Paul,1952. 36 p. 47.3 M66

71035 MOLENAAR, A. A guarantee by the authorities to poultry producers not possible without a guarantee to the authorities by the poultry producers. (In Dutch.) Producent 4:76-77. (Cont.) May 10,1952. 44.8 P94
Egg price control in the Netherlands.

71036 MOLENAAR, A. A guarantee by the authorities to the poultry raisers is not possible without a guarantee by the poultry raisers to the authorities. (In Dutch.) Pluimveeteelt 5(8):7-8. Apr.11,1952. 47.8 P772
Minimum prices on eggs.

71037 MORCOS, Z. Do Salmonella exist in eggs in Egypt? Brit. Vet. J. 108:172-179. Ref. May 1952. 41.8 V643

71038 NADEN, K. D., and JACKSON, G. A., JR. Processors hold key to chicken quality at retail level. U. S. Egg & Poultry Mag. 58(6):16,35. June 1952. 286.85 Eg3

71039 NEW ENGLAND produces broilers! Fed. Reserve Bank. Boston. Mon. Rev. 34(5):1-4. May 1952. 284.8 F31B

71040 NIEMANN, J. Standardware ei; zur neuen eierverordnung. Eier-, Wild-, Geflügel- u Honig-Markt. 4(58):1-2. May 15,1952. 280.38 Ei3
Germany.

71041 NORRIS, K. H., and BRANT, A. W. Radio frequency as a means of grading eggs. Food Technol. 6: 204-208. June 1952. 389.8 F7398

71042 PENNINGTON, M. E. Refrigerated storage and marketing of eggs. Refrig. J. 5(10):43-46. Apr. 1952. 295.8 R255

71043 PLATT, F. L. Changes in the production and distribution of eggs. Poultry Comment 9:1-3. Mar.1952. 47.8 D92

71044 POLEY, W. E. South Dakota decides it pays to market good eggs. U. S. Egg & Poultry Mag. 58(6):9, 24-26. June 1952. 286.85 Eg3

71045 POZZO ARDIZZI, L. La avicultura en Dinamarca. Pampa Argentina 25(292):17,33. Apr.1952. 9 P19
The industry.

71046 RICE, E. C. How to reduce transportation charges. Amer. Pigeon J. 41:164-165. June 1952. 47.8 Am35

71047 ROMANOFF, A. L. Electronic egg grading. Food Technol. 6:236. June 1952. 389.8 F7398

71048 ROMER, R. R. Die werbung für das ei. Eier-, Wild-, Geflügel- u. Honig-Markt 4(55):3-4. May 8,1952. 280.38 Ei3
Germany.

71049 ROTHBAUER, T. C., WOOD, G. B., and MARTIN, J. H. Poultry and egg truck routes in Indiana. Ind. Agr. Expt. Sta. B. 571,31 p. Jan.1952. 100 In2B
Includes cost data.

71050 ROY, E. P. The hatching egg industry in Louisiana. La. Rur. Econ. 14(2):1,5,7-8. May 1952. 281.8 L93

71051 ROY, E. P., and BAKER, J. M. Marketing hatching eggs in Louisiana. La. Agr. Expt. Sta. B. 463, 28 p. Apr.1952. 100 L93

71052 SCANLAN, J. J. $20 million poultry co-op. News Farmer Coop. 19(3):7,13-14. June 1952. 166.2 N47
Rockingham Poultry Marketing Cooperative, Inc.

71053 SCHUMACHER, H. How to display poultry on ice. Poultry Supply Dealer 29(6):22-23. June 1952. 47.8 B11

71054 STAFF, F. Progress report on packaging the gobbler. Food Engin. 24(6):88-89. June 1952. 389.8 F737

71055 STEWART, G. F. Packing chickens and turkeys for freezing. (Abs.) Quick Frozen Foods 14(11): 60. June 1952. 389.8 Q4

71056 STOCKBRIDGE, R. R. Does it pay...? Poultry Indus. [Boston] 57(4):17. Apr.1952. 47.8 N44
Dressing poultry on the farm.

71057 SWEET, M. C. Scrape, scrub, sanitize. U. S. Egg & Poultry Mag. 58(6):10-11,20,22. June 1952. 286.85 Eg3
Sanitation in poultry and egg processing.

71058 TAYLOR, F. R., and JESNESS, O. B. The economic importance of egg quality. Minn. Agr. Expt. Sta. B. 411,20 p. Apr.1952. 100 M66

71059 TAYLOR, L. W., LERNER, I. M., and LOWRY, D. C. Blood spots in eggs. Poultry Comment 9:3-4. Mar.1952. 47.8 D92

71060 WESSELS, and HOLTMANN. Qualitätsverbesserung der geflügelerzeugnisse. Deut. Wirtgeflügelzucht. 4:391-393. May 17,1952. 47.8 D483
Eggs.

71061 WHELDEN, H. C., JR. Cleaning eggs. Poultry Indus. [Boston] 57(4):14. Apr.1952. 47.8 N44

71062 WILLIAMS, H. M. The case for frozen poultry. (Excerpts.) Quick Frozen Foods 14(10):107-110. May 1952. 389.8 Q4

71063 WINTER, A. R. Pasteurized frozen egg products. (Abs.) Quick Frozen Foods 14(11):60. June 1952. 389.8 Q4

71064 WITHMOYER, C. W. Volailles et moulées en Europe. Ferme 13(4):36-37. Dec.1951. 7 F38

RUBBER AND RUBBER SUBSTITUTES

71065 BLACKWELL, R. F., FLETCHER, W. P., and GEE, G. Relation between compound viscosity and vulcanisate stiffness in pure gum natural rubber vulcanisates. Inst. Rubber Indus. Trans. 28:93-101. Apr.1952. 305.9 In7

71066 BLACKWELL, R. F. Relationship between "modulus" and "strain" in pure gum natural rubber vulcanisates. Inst. Rubber Indus. Trans. 28:75-84. Apr. 1952. 305.9 In7

71067 COOPER, L. V. Some aspects of the testing of natural rubber. Abs.) Amer. Soc. Testing Mater. ASTM B. 182:32. May 1952. 290.9 Am34B

71068 FLETCHER, W. P., GEE, G., and MORRELL, S. H. Use of modulus as a measure of the state of cure in pure gum natural rubber vulcanisates. Inst. Rubber Indus. Trans. 28:85-92. Ref. Apr.1952. 305.9 In7

71069 GEE, G., and MORRELL, S. H. Definition and measurement of "rate of cure" for pure gum natural rubber compounds. Inst. Rubber Indus. Trans. 28:102-116. Apr.1952. 305.9 In7

71070 GEHMAN, S. D., and CLIFFORD, R. P. Rubber evaluations with an instron tester. (Abs.) Amer. Soc. Testing Mater. ASTM B. 182:32. May 1952. 290.9 Am34B

71071 HEINISCH, K. F. Coating of rubber bales. (In Dutch.) Bergcultures 21:163,165. Apr.16,1952. 22.5 B45

71072 HELIN, A. F., and LABBE, B. G. A study of various low-temperature test procedures. II. India Rubber World 126:365-368. June 1952. 305.8 In2

71073 HERBETTE, F. Rubber and Eurasia. Rev. Gén. du Caoutchouc 29:362. May 1952. 305.8 R32

71074 HOUWINK, R. Le renforcement des caoutchoucs. Rev. Gén. du Caoutchouc 29:346-353. Ref. May 1952. 305.8 R32
English summary, p. 361.

71075 HUBLIN, R. Quelques récents progrès dans la fabrication de la mousse de latex. Rev. Gén. du Caoutchouc 29:354-357. May 1952. 305.8 R32

71076 JAMES, R. G. Continuous extrusion and coagulation of latex for the production of latex thread. Rubber Age & Synthetics 33:167-169. May 1952. 305.8 R824

71077 JENNINGS, F. C. Whither foam rubber? Rubber Age & Synthetics 33:157-159. May 1952. 305.8 R824

71078 KRAAY, G. M., and TEMPEL, M. VAN DEN. Mechanism of the gelling of hevea latex by zinc compounds. Inst. Rubber Indus. Trans. 28:144-155. June 1952. 305.9 In7

71079 LITCHFIELD, P. W. A preventive program to meet a coming rubber shortage. Goodyear Tire & Rubber Co. Notes Amer. Rubber Indus. (n.s.)18,3 p. Apr.30, 1952. 305.9 G63N

71080 MCCOLM, E. M. Preparation of a standard natural rubber. (Abs.) Amer. Soc. Testing Mater. ASTM B. 182:32. May 1952. 290.9 Am34B

71081 NAUNTON, W. J. S. Rubber for industry. Canad. Chem. Processing 36(6):38,40-41. June 1,1952. 381 C16

71082 NEWTON, R. G. Technical classification of crude natural rubber. (Abs.) Amer. Soc. Testing Mater. ASTM B. 182:32. May 1952. 290.9 Am34B

71083 PEAKER, C. R. Hevea latex during 1951. India Rubber World 126:372-373. Ref. June 1952. 305.8 In2

71084 THE PROBLEM of rubber. Economist 163: 532-533. May 24,1952. 286.8 Ec7

71085 RESEARCH ASSOCIATION OF BRITISH RUBBER MANUFACTURERS. Annual report & accounts for 1951, thirty-second year. Croydon,1952. 24 p. 305.9 R312

71086 RUBBER MANUFACTURERS ASSOCIATION. CRUDE RUBBER COMMITTEE. The RMA looks at natural rubber quality. India Rubber World 126:364,373. June 1952. 305.8 In2

71087 STAFFORD, W. E., and WRIGHT, R. A. Recent progress and developments in reclaiming. Rubber Age & Synthetics 33:132-133. Ref. May 1952. 305.8 R824

71088 STIEHLER, R. D., and ROTH, F. L. Vulcanization characteristics of natural rubbers. (Abs.) Amer. Soc. Testing Mater. ASTM B. 182:32. May 1952. 290.9 Am34B

71089 STOCK, R. P., and others. Quantitative procedures for the determination of dirt in crude natural rubber. (Abs.) Amer. Soc. Testing Mater. ASTM B. 182:32. May 1952. 290.9 Am34B
C. O. Miserentino, C. B. McKeown, J. J. Hoesly, R. T. LaPorte, and G. H. Wallace, joint authors.

71090 TAYLOR, R. H. Mooney viscosity measurements of technically classified rubbers. (Abs.) Amer. Soc. Testing Mater. ASTM B. 182:32. May 1952. 290.9 Am34B

71091 VEITH, A. G. Technically classified rubber: the non-rubber content and the measurement of cure rate. (Abs.) Amer. Soc. Testing Mater. ASTM B. 182: 32. May 1952. 290.9 Am34B

71092 WILLIAMS, I. Some effects of solid fillers in rubbers. India Rubber World 126:359-363. Ref. June 1952. 305.8 In2

SEEDS

71093 BALLS, E. K. Seed storage. Alpine Gard. Soc. Q. B. 20:34-39. Mar.1952. 84 AL6

71094 BUTTNER, W. Die geplante ordnung des saatgutwesens. Hannoversche Land- u. Forstwirt. Ztg. 105:499-501. May 17,1952. 18 H194
Certified seeds.

71095 COLEMAN, F. B., and PEEL, A. C. Seed testing explained. Queensland Agr. J. 74:153-162. Mar. 1952. 23 Q33

71096 DAUPHIN, J. Quelques données sur le marché des semences de céréales. France. Min. de l'Agr. B. Tech. d'Inform. 67:155-159. Mar.1952. 14 F844B

71097 DENMARK. STATSFRØKONTROLLEN. Report from the Danish State Seed Testing Station for the 80th working year from the 1st July 1950-30th June 1951. Tidsskr. f. Planteavl 55:369-432. 1952. 11 T439
English summary.

71098 ECKHOFF, G. Die saatgutvermehrung 1951. Hannoversche Land- u. Forstwirt. Ztg. 105:54-55. Jan. 19,1952. 18 H194
Statistics.

71099 FORSYTH, D. D. Specification of quality seed. Assoc. Off. Seed Anal. News Let. 26:30-32. Feb.1952. 61.9 As7N

71100 INDIANA. AGRICULTURAL EXPERIMENT STATION. Inspection of agricultural seeds. Ind. Agr. Expt. Sta. C. 381,64 p. Feb.1952. 100 In2P

71101 KRESS, H. Gelbe süsslupinen-reinsaat oder süsslupinen-sommergetreide-gemenge? Deut. Landwirt. 3:172-173. Apr.1952. 18 D4822
Includes yields in the Russian Zone.

71102 MCNULTY, G. Miracle at Madras. Oreg. Farmer 75:451,458. June 5,1952. 6 Or32
Ladino clover seed industry, Oregon.

71103 MASSACHUSETTS. AGRICULTURAL EXPERIMENT STATION. SEED CONTROL SERV. Seed inspection. Mass. Agr. Expt. Sta. Control Ser. B. 151,32 p. Nov.1951. 100 M38H

71104 MAUE, W. Saatgutvermehrer beugt aberkennungen vor! Praxis u. Forsch. 4:64-66. May 20,1952. 18 P89
Germany.

71105 MISRA, A. L., and TEWARI, J. D. Chemical examination of Ipomoea muricata seeds. I. Indian Chem. Soc. J. 28:721-726. Dec.1951. 385 In27

71106 MISRA, A. L., and TEWARI, J. D. Chemical examination of seeds of Ipomoea muricata. II. Indian. Chem. Soc. J. 29:63-67. Jan.1952. 385 In27

71107 MUNN, M. T., and LITTLE, H. B. The quality of seeds on sale in New York in 1951. N. Y. (State) Agr. Expt. Sta. B. 751,52. Mar.1952. 100 N48

71108 U. S. BUR. OF AGRICULTURAL ECONOMICS. Acreage and production of vegetable seeds in 1951 and 1952. Washington,1952. 8 p. 1.941 S3V52

71109 U. S. PRODUCTION AND MARKETING ADMIN. Tolerance tables. To be used in connection with the enforcement of the Federal Seed Act. Washington,1952. 13 p. 1.956 G76T57

71110 WEST VIRGINIA. DEPT. OF AGRICULTURE. West Virginia seeds, a report of inspection for the year July 1, 1950 to June 30, 1951. W. Va. Dept. Agr. B. (n.s.) 70,13 p. July 1,1951. 2 W522

SUGAR AND SIRUPS

71111 ASSOCIATION OF SUGAR PRODUCERS OF PUERTO RICO. Manual of sugar statistics, 1952 edition. Washington,1952. 47 p. 281.3659 As72

71112 AZEVEDO PEREIRA, J. The new price of sugarcane and the increase in the price of sugar. (In Portuguese.) Frutas da Madeira 12:213-214. Apr.1952. 286.83 F9422

71113 BEAUCHAMP, C. E. El brix inferior y superior de la caña como indice de madurez. Inst. Cubano de Suelos y Abonos. Inform. Téc. 10:1250-1267. Jan.1952. 65.9 H29

71114 BECKER, D. Vergleichende betrachtungen über alte und neue saftreinigungsverfahren. Zucker 5:68-74. (Concl.) Ref. Feb.15,1952. 65.8 Z82
Sugar beet juice.

71115 BERNADAC, B. Contrôle du travail de dernier jet en sucrerie. Indus. Agr. et Aliment. 69:323-327. Apr.1952. 383 As7
English summary.

71116 BRITISH WEST INDIES SUGAR ASSOCIATION. Proceedings of the 1951 meeting of sugar technologists. Port-of Spain,1951. 193 p. 65.9 B775

71117 CARRANZA, M. T. DE. Hispanoamérica endula al mundo. Dominican Repub. Sec. de Estado de Econ. y Com. Rev. 20:26-28. Jan./Feb.1952. 280.9 D712
The sugar industry.

71118 CHADWICK, D. W., THOMSON, A. F., and WIGGINS, L. F. The production of lactic acid and certain of its derivatives from molasses by chemical means. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:135-142. Ref. 65.9 B775

71119 COX, W. S. Report on artificial sweeteners. Assoc. Off. Agr. Chem. J. 35:321-325. May 15,1952. 381 As7

71120 DAVISON, B. K., and WIGGINS, L. F. Sugar cane wax. III. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:50-55. 65.9 B775

71121 FINCKE, A. Untersuchungen über das pufferungsvermögen der verbrauchszucker. Zucker- u. Süsswaren-Wirt. 5:44-46. Jan.20,1952. 286.86 Z8

71122 GEIDEL'MAN, M. M. We're introducing the leading technique. (In Russian.) Sakh. Promysh. 26(3): 12-14. Mar.1952. 65.8 Sa2
Dmitro-Taranovskii Sugar Factory.

71123 GUANABARA FILHO, A. Localization of factories and distilleries. (In Portuguese.) Bras. Açucareiro 38:447-454. Nov.1951. 65.8 B73

71124 HONIG, P. A contribution to the clarification of cane sugar juices. Sugar 47(6):31-36. June 1952. 65.8 F11

71125 HONIG, P. Determination and recording of the pH in the factory. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:26-39. 65.9 B775
Includes discussion.

71126 HONIG, P. Elementos estructurales del bagazo de la caña y su significado para los productos que se habran de manufacturar. Agrotecnia 6:25-38. Mar./Apr.1952. 8 Ag825

71127 ĪŪROV, A. T. Preliminary defecation [at Veselo-Podolīanskiĭ Sugar Factory]. (In Russian.) Sakh. Promysh. 26(3):27-29. Mar.1952. 65.8 Sa2

71128 KHELEMSKIĬ, M. Z., and FLEISHMAN, L. E. Determination of saccharose in sugar beets of long storage. (In Russian.) Sakh. Promysh. 26(3):45-46. Mar.1952. 65.8 Sa2

71129 LANG, L. Sugar—it's uses and abuses in the candy plant. Mfg. Confectioner 32(6):51,53-54. June 1952. 389.8 M31

71130 LESTER, J. Higher sugar beet prices urged by State committee. Mont. Farmer-Stockman 39(14):9,20-21. Mar.15,1952.. 6 M764

71131 MACKENZIE, P. K. Sugar to spare? Milk Indus. 32(11):59-63. May 1952. 44.8 M593
Utilization in the British ice cream industry.

71132 MARZI, G. DE. Sugar consumption in 1950 according to use. (In Italian.) Indus. Sac. Ital. 45:1-5. Jan./Feb.1952. 65.8 In23

71133 MARZI, G. DE. Sugar for food and industrial consumption. (In Italian.) Conserv. Aliment Veg. 7:29-32. Feb.1952. 389.8 C769
Italy.

71134 MÉTAYER, M. Étude de l'épuration en sucrerie. II. Indus. Agr. et Aliment. 69:307-310. Apr. 1952. 383 As7
English summary.

71135 MOREIRA, L. DE A. Liquidation of sugar stockpiles. (In Portuguese.) Bras. Açucareiro 38:332-335. Oct.1951. 65.8 B73

71136 MORGANTI, H. Products and by-products of sugar cane. (In Portuguese.) Bras. Açucareiro 38:337-341. Oct.1951. 65.8 B73

71137 MORGUSHKO, P. G., and CHAIKOVSKIĬ, V. D. A factory of outstanding quality. (In Russian.) Sakh. Promysh. 26(3):7-11. Mar.1952. 65.8 Sa2
Ol'khovetskii sugar factory of the Kiev Sugar Beet Combine.

71138 MOSOLF, H. Zur entwicklung des westdeutschen zuckermarktes 1950-1952. Zucker 5:138-139. Mar.15,1952. 65.8 Z82

71139 OAKLEY, M. Report on preservatives and artificial sweeteners. Assoc. Off. Agr. Chem. J. 35: 318-320. Ref. May 15,1952. 381 As7

71140 O'BRIEN, C. H. History of Australian sugar industry. Austral. Sugar J. 44:80-81,101,104. Apr.18, 1952. 65.8 Au7

71141 OWEN, W. L. Distribution of yeast cultures in molasses alcohol distilleries. Sugar 47(6):50-51. June 1952. 65.8 F11

71142 PAYNE, J. H., KORTSCHAK, H. P., and GILL, R. F., JR. Ion exchange resins in sugar cane juice processing. Indus. & Engin. Chem. 44:1411-1421. Ref. June 1952. 381 J825

71143 REYES BARRANCO, J. La industria azucarera. III. La producción media actual de remolacha azucarera no llega al millón y medio de toneladas. Rev. Sind. de Estadis. 6(24):14-21. Fourth Q.1951. 263 Es8B
Spain.

71144 SALINAS, J. G. La tecnologia azucarera en función de economía social. Asoc. de Téc. Azucareros de Cuba. B. Ofic. 10:471-488. Jan.1952. 65.9 As5B

71145 SATTLER, L., and ZERBAN, F. W. The determination of iron in molasses. Assoc. Off. Agr. Chem. J. 35:499-503. May 15,1952. 381 As7

71146 SCHMIDT, N. O., WIGGINS, L. F., and YEARWOOD, R. D. E. A rapid method for the determination of moisture in bagasse. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:163-170. 65.9 B775

71147 SCHMIDT, N. O., WIGGINS, L. F., and YEARWOOD, R. D. E. The use of the high speed blender in the determination of Pol % bagasse. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:171-175. 65.9 B775
Includes discussion.

71148 SCHNEIDER, F., and NEUBER, H. Raffination von import-rohzucker mit phosphorsäure. Zucker 5:123-126. Mar.15,1952. 65.8 Z82

71149 SCHNEIDER, F., REINEFELD, E., and MÜLLER, H. Über die saftgewinnung im auslaugeturm "system Hildebrand." Zucker-Beih. 3:25-39. Ref. Sept. 1951. 65.8 Z84

71150 SCHNEIDER, F., and ERLEMANN, G. A. Über die umlagerung von fructose und glucose. 2. Zucker-Beihefte 5:77-78. Mar.1952. 65.8 Z84

71151 SCHNEIDER, F., EMMERICH, A., and SCHNEIDER, H. G. Über die vorgänge an kationenaustauschern im alkali-calcium-zyklus; ein beitrag zur enthärtung von dünnsaft. Zucker-Beihefte 5:57-70. Ref. Mar. 1952. 65.8 Z84

71152 SEAFORD, F. A. The sugar factories of British Guiana. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:103-109. 65.9 B775
Includes discussion.

71153 SMITH, P. B. Tips and trends. Through Leaves 40(3):17,19-20. May 1952. 66.8 T41
Sugar beets.

71154 SVÍATISHENKO, A. S., and GRINFEL'D, ÍA. V. Preliminary crystallization of green molasses before boiling it down to second molasses. (In Russian.) Sakh. Promysh. 26(3):40. Mar.1952. 65.8 Sa2
Sugar manufacture.

71155 ULRICH, K. 150 jahre rübenzuckerfabriken, 1802-1952. Zucker 5:108-110. Ref. Mar.15,1952. 65.8 Z82

71156 ULRICH, K. Das verfahren nach Bonmatin. Zucker 5:126-137. Mar.15,1952. 65.8 Z82

71157 VARELA MARTÍNEZ, R. La industria panelera de Colombia. Agr. Trop. 8(4):21-24. Apr.1952. 26 Ag8

71158 VORONKO, G. A. Boiling molasses with starting the crystal by professor A. A. Shumilov's method. (In Russian.) Sakh. Promysh. 26(3):25-26. Mar.1952. 65.8 Sa2
Sugar manufacture.

71159 WADSWORTH, D. V. Liquid sugar progress. Mfg. Confectioner 32(5):21-23. May 1952. 389.8 M31

71160 WHYMPER, R. Sugar and corn sweeteners. Confectionery Prod. 18(5):322-323. May 1952. 389.8 C762

71161 WIGGINS, L. F., and WILLIAMS, J. H. The constituents of cane juice. II. The quantitative examination of the amino acids of cane juice. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:40-49. 65.9 B775

71162 WIGGINS, L. F. A survey of the work of the British West Indies Sugar Research Scheme. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:16-25. Ref. 65.9 B775
Includes discussion.

71163 WIKLUND, O., and others. Studies in the diffusion process. Socker 7:91-119. 1951. 65.8 So1
G. Andersson, W. Ask, M. Arvidsson, and I. Schiller-Meier, joint authors.

71164 WILLCOX, O. W. Socialism in the Mexican sugar industry. Sugar 47(6):44. June 1952. 65.8 F11

71165 YEARWOOD, R. D. E. Further experiments on external graining. Brit. West Indies Sugar Assoc. Proc. Mtg. Sugar Technol. 1951:152-162. 65.9 B775

TOBACCO

71166 AKTIEBOLAGET SVENSKA TOBAKSMONOPOLET. Arsredovisning och revisionsberättelse för verksamhetsaret 1951 [Annual report and auditor's report of the Swedish Tobacco Monopoly for the working year 1951]. Stockholm,1952. 33 p. 286.3699 Ak7

71167 BORDELEAU, R. The future of cigar tobacco growing in Canada. Canada. Expt. Farms. Tobacco Div. Lighter 22(2):1. May 1952. 286.89 C16

71168 BRUMBT, D. 36. National-kongress der französischen Tabakpflanzer, 24-28. april 1952. Bas-Rhin Agr. 7:212. May 3,1952. 14 B29

71169 GIOVANNOZZI, M. Studies on tobacco curing. V. (In Italian.) Tabacco 56(630):3-5. Jan.1952. 69.8 T115

71170 GUTIERREZ, M. E. With tobacco: it is our turn now. Gard. & Farm 1(7):4,9,45,43. Jan.1952. 25 G16
Industry in the Philippines.

71171 HERFELD, T. Mittelpunkt des tabakumschlags. Hannoversche Land- u. Forstwirt. Ztg. 104: 1136-1137. Dec.8,1951. 18 H194

71172 HUTER, R. Facteurs qui influent sur la teneur en nicotine des feuilles de tabac. Rev. Romande d'Agr. de Viticult. et d'Arboricult. 8:36-37. May 1952. 17 J82A
Cultural factors.

71173 INDIAN CENTRAL TOBACCO COMMITTEE. Sixth annual report 1950—51. Madras,1952. 74 p. 281.3699 In2

71174 NORTH CAROLINA DEPT. OF AGRICULTURE. North Carolina tobacco report 1951-1952. N. C. Dept. Agr. B. 126,32 p. Apr.1952. 2 N81B

71175 PERDOMO, J. E. Economía tabacalera. Almanaque Agr. Nac. 1952:73-77. 8 AL64
Cuba.

71176 PERU. ESTANCO DEL TABACO. Informe, 1950. Lima,1951. 37 p. 69.9 P43

71177 RICHARD, J. Development of tobacco growing in Quebec. Canada. Expt. Farms. Tobacco Div. Lighter 22(2):16-18. May 1952. 286.89 C16

71178 ROSADO CASTRO, L. La cosecha tabacalera de 1951. Cuba Econ. y Financ. 27(313):39. Apr.1952. 286.8 C892

71179 U. S. PRODUCTION AND MARKETING ADMIN. Dark air-cured tobacco market review, 1951-52 season. Washington,1952. 32 p. 1.9 Ec714T
Statistics.

71180 U. S. PRODUCTION AND MARKETING ADMIN. Fire-cured tobacco market review, 1951-52 season. Washington,1952. 34 p. 1.9 Ec714T
Statistics.

MISCELLANEOUS PRODUCTS

71181 BRAMSNAES, F., and RIEMANN, H. Preservatives for pickled herring. (In Danish.) Konserves 10:29-33. Mar.1952. 389.8 K835
English summary.

71182 BUTLER, C., PUNCOCHAR, J. F., and KNAKE, B. O. Fish freezing at sea. Refrig. Engin. 60:600-603. June 1952. 295.9 Am32J

71183 COMMISSION INTERNATIONALE DES INDUSTRIES AGRICOLES. Documentation bibliographique sur la fabrication des alginates et de l'agar-agar. Paris,1952. 11 p. (B/2437) 241 C733

71184 FELLHOFER, J. Hopfenbau. Bauer 5(18):11-12. May 3,1952. 19 B32
The industry in Austria.

71185 FOSSUM, M. T. Floriculture production of New York State. N. Y. State Flower Growers B. 79:1-2. Mar.1952. 80 N486

71186 GT. BRIT. DEPT. OF SCIENTIFIC AND INDUSTRIAL RESEARCH. FOOD INVESTIGATION. Curing in Torry Research Station fish-smoking kilns. Gt. Brit. Food Invest. Adv. Note 9,4 p. 1951. 389.9 G792A

71187 GRETSKAIA, O. P., and ZUIKOVA, L. P. Fish smoking at a high temperature by master-innovator G. I. Kulagin's method. (In Russian.) Rybnoe Khoz. 27(12):44-47. Dec.1951. 414.8 R962

71188 GRIGOR'EV, S. N. Mechanization of [fish] salting on Kamchatka and Okhotsk Sea Coast. (In Russian.) Rybnoe Khoz. 28(3):8-11. Mar.1952. 414.8 R962

71189 GRZHIVO, V. S., and BERKH, M. S. Polarographic method of analysis in production control of canned fish. (In Russian.) 28(1):56-59. Jan.1952. 414.8 R962

71190 GUSTAV, I. I. An accelerated method of cold smoking of fish. (In Russian.) Rybnoe Khoz. 28(3):49-51. Mar.1952. 414.8 R962

71191 KULAGIN, G. I. My method of smoking [fish]. (In Russian.) Rybnoe Khoz. 27(12):42-43. Dec.1951. 414.8 R962

71192 LAFONT, R. Les industries de la peche au Cambodge: poisson sale-seche, poisson fume, condiments azotés. Cybium 6:41-53. 1951. 414.8 C99

71193 PRICE, E. H., JR. Pre-cooling glads for transit. Fla. Grower 60(6):17-18. June 1952. 80 F6622

71194 SASTRODARSONO, M. S. Study, preparation and control of medicinal herbs. Organ. Sci. Res. Indonesia. O. S. R. News 3:259-261. Dec.1951. 330.9 Or3Ae

71195 SCHILD, E., and RIEDL, W. Beitrag zur chromatographischen hopfenbitterstoff-analyse. Brauwissenschaft 5:81-87. Ref. May 1952. 390.8 B733
English summary.

71196 SCHMID, M. Der hopfenbau in Württemberg. Württemb.-Hohenzollern in Zahlen 7:61-64. 1952. 265 W96
History of the industry.

71197 SCHOONENS, J. G. Fish technology tips. (In Dutch.) Visserijwereld 11(20):13-14. May 16,1952. 414.8 V82

71198 SPECHT, W. Zur extraktion von hopfenbitterstoffen durch ultraschall. Z. f. Lebensmtl.-Untersuch. u. -Forsch. 94:156-166. Mar.1952. 384 Z39

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

References on farm structures and rural housing are classified with Agricultural Engineering.

GENERAL

71199 BARATECH, F. Growth of Spanish economy in 1951. Inform. Com. Espan. (ser.3)221:36-39. Jan. 1952. 286.8 In3
Includes agricultural products.

71200 BARGAGNA, R. Panorama económico de la Provincia de Mendoza. Indus. y Quim. 13:184-185,187,191, 196. Nov./Dec.1951. 385 In28
Agricultural.

71201 BOMBAY. DIRECTORATE OF PUBLICITY. Bombay marches on; a review of the work and activities of the Government of Bombay during the quinquennium 1946-1951. Bombay,1951. 7 v. 280.182 B632Bm
Volumes deal with agriculture, the cooperative movement, irrigation, agrarian reforms, forestry and gardens, livestock and rehabilitation.

71202 BROWN, W. J. Damage done by animals. Field 199:776-777. May 17,1952. 10 F45
Owner liability in Great Britain.

71203 CONFEDERAZIONE GENERALE DELL'INDUSTRIA ITALIANA. L'economia italiana nel 1951 [The Italian economy in 1951]. Roma,1952. 264 p. 280.9 C76133E
Contains a section on agriculture.

71204 CREA, V. The economic policy for agriculture and social, financial, and monetary factors. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(43):1-4. May 24,1952. 281.8 Ag3

71205 EVERS, W. Finnland: land, volk und wirtschaft des landes der "tausend seen." Übersicht 3(3):29-31. Mar.1952. 18 Ub3

71206 FANFANI, A. Situation with regard to three problems. (In Italian.) Agricoltura 1(1):5-8. Jan.1952. 16 Ag8226
English summary.
Forest protection, flood control, and the agrarian reform in Italy.

71207 FERNANDEZ DIEZ, G. Nexo entre la industria y el campo. Ceres [Valladolid] 17(191):13,15. May 1,1952. 15 C33

71208 GALVEZ, E. Durango y su desarrollo económico. Rev. de Econ. 15:121-124. Apr.1952. 280.8 R3293
Includes the agricultural economy.

71209 GENOA. CAMERA DI COMMERCIO, INDUSTRIA E AGRICOLTURA. UFFICIO PROVINCIALE DI STATISTICA. Relazione sulla situazione economica della provincia novembre-dicembre 1951 (con dati e notizie riguardanti l'intero anno 1951) [Report on the economic situation of the province, November-December 1951 (with data and information for the entire year 1951)]. Genova,1951. 168 p. 287 G28
Includes agriculture.

71210 HAPPEL. Aufnahme und vorgang bei manöverschäden. Salzburger Bauer 7(19):2-4. May 8,1952. 19 Sa3

71211 IVERSON, K. R. Ten years of Point Four in Latin America. (In Portuguese.) Fazenda 47(5):24-27. May 1952. 6 H11P

71212 JACOBSEN, A. P. Production movements in agriculture. (In Danish.) Dansk Landbr. 71:229-230. May 15,1952. 280.28 V91

71213 KOVALEV, E. Successes in the economic and cultural development of the Chinese People's Republic. (In Russian.) Planovoe Khoz. 2:76-91. Mar./Apr.1952. 280.8 P69
Includes agriculture.

71214 LIGUTTI, L. G. Helping others produce more. Natl. Farm Inst. Proc. 14:54-59. 1952. 4 N219
Other countries.

71215 QUIK, H. G. Organization of aid to underdeveloped areas. (In Dutch.) (Sum.) Landbk. Tijdschr. 64:254-262. Apr.1952. 105.2 Or3

71216 SAKK, K. The development of the output and prices of agricultural produce abroad. (In Swedish.) Jordbrekon. Meddel. 14:144-151. Apr.1952. 257.3 J76
English summary, p. 136.

71217 SCHALKERS, K. H. Analysis of agricultural data. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:99-101. Mar.1952. 12 N383M
Economic research.

71218 SERPIERI, A. Agriculture in the Pella report: the economic situation. (In Italian.) Mondo Agr. 3(19): 1,5. May 11,1952. 16 M74
Italy.

71219 SMITH, M. G. Past trends and present interrelations. In Farm Foundation. Increasing understanding of public problems and policies, p.128-156. Chicago,1951. 275.2 F223
Industrial and agricultural relationships, with statistical data on prices, productivity, income, and population.

71220 THOROGOOD, C. E. Ceylon, economic and commercial conditions in Ceylon. London,Board of Trade,1952. 106 p. (Overseas Economic Surveys) 269.5 G794C
Includes agriculture.

71221 TIMM, T. R. Some of the factors contributing to economic progress which have in turn accounted for the growing interdependence of agriculture and other segments of our economy. In Farm Foundation: Increasing understanding of public problems and policies, p.119-127. Chicago,1951. 275.2 F223

AGRICULTURAL FINANCE

71222 BELL, M. More your your money. Ark. Agr. Col. Ext. L. 143,4 p.-folder. Jan.1951. 275.29 Ar4Le
Planning for family expenditures.

71223 BELL, M. Your nickel's worth. Ark. Agr. Col. Ext. L. 161,4 p.-folder. Nov.1951. 275.29 Ar4Le

71224 EVANS, R. M. Monetary policy and food production. Natl. Farm Inst. Proc. 14:59-64. 1952. 4 N219

71225 JAPAN. MINISTRY OF AGRICULTURE AND FORESTRY. STATISTICS AND RESEARCH DIV. Annual report of financial situation in farm households, 1950. (In Japanese.) Tokyo,1951? 389 p. 269.7 J274A
English summary.

71226 LAFLEUR, E. L'agriculteur lui aussi doit préparer un budget. Ferme 13(5):18-20. Jan.1952. 7 F38

71227 SKOLNIK, A. M. Economic security of farm operators. Social Security B. 15(5):3-9,21. May 1952. 173.2 So1Soc
Risk and financial status.

Credit

71228 AHMAD, G. U. Co-operative land mortgage banks. Coop. & Mktg. Rev. 6:24-26. Jan.1952. 280.28 C78243
Pakistan.

71229 AMERICAN BANKERS ASSOCIATION. AGRICULTURAL COMMISSION. Farm credit in Maryland—1951. New York,1951. 3 p. 284.29 Am3F

71230 AMERICAN BANKERS ASSOCIATION. AGRICULTURAL COMMISSION. Farm credit in New York—1951. New York,1951. 3 p. 284.29 Am3Fn

71231 ARANGO, R. El Banco de Fomento Agrícola e Industrial de Cuba. Almanaque Agr. Nac. 1952:103-108. 8 AL64

71232 BANCO NACIONAL DE COSTA RICA. Memoria anual 1950. San José,1952. 79 p. 284.9 B2297
Includes agricultural credit.

71233 BORIE. Plan d'investissements agricoles 1948-52. France. Min. de l'Agr. Rev. Inform. Écon. et Statis. 70:101-103. May 1952. 281.8 F84

71234 LA COMMEMORATION du cinquantenaire du crédit agricole de Tlemcen. Tribune Agr. (n.s.)5(828): 2-3. (Concl.) Apr.30,1952. 24 T732
The text of addresses by Boyer-Banse and R. Léonard.

71235 CROSSETT, J. L. We loaned to sharecroppers! Bankers Mon. 69(6):14,16,18,20,40-41. June 1952. 284.8 B223

71236 DIGNAN, E. J. How sound is our farm credit. Mountain States Banker 37(20):25,33-34,64. May 19, 1952. 284.8 M86

71237 FARRINGTON, R. L. How to get a loan from banks for co-ops. News Farmer Coop. 19(3):6,10. June 1952. 166.2 N47

71238 FEDER, E. Farmer-debtor relief legislation in the United States and in Switzerland—a lesson in agricultural policy? J. Farm Econ. 34:228-241. May 1952. 280.8 J822

71239 HENSON, C. A bank's agricultural program expands community's resources. Bankers Mon. 69(5): 14,16,18,20,43. May 1952. 284.8 B223

71240 HOPPER, W. C. U. S. government assistance to small-scale farmers. Overseas Rpt. Agr. Devlpmt. 9,6 p. May 1952. 281.9 C16420
Credit.

71241 JOHNSON, E. C. Ten years of the National Agricultural Credit Committee. Natl. Agr. Credit Comt. Rpt. 195:13-20. 284.29 N213

71242 KASS, L. Der zahlungsbefehl. Dreschen u. Pflügen 6(12):12-13. Dec.15,1951. 58.8 D81

71243 LEACH, M. B. How banks go to the fair. II. Banking 44(12):64-65,110. June 1952. 284.8 Am3

71244 LOPEZ ROSADO, D. El crédito agrícola en México. Rev. de Econ. 15:116-118. Apr.1952. 280.8 R3293

71245 MADRAS CO-OPERATIVE CENTRAL LAND MORTGAGE BANK. Twenty-second annual report, 1950-'51. Madras,1951. 24 p. 284.9 M26

71246 MORENO, C. Developments and prospects of the Bank for the South. (In Italian.) Amer. Chamber Com. Italy Mon. Rev. (ser.5)2(3):13-16,19-20. Mar.1952. 287 Am3Ir

71247 MULLER, W. Hypothekarkredit—mangelware. Hannoversche Land- u. Forstwirt. Ztg. 105:75. Jan.26, 1952. 18 H194

71248 ROGERS, G. Farm mortgage lending by life insurance companies. Natl. Agr. Credit Comt. Rpt. 195: 26-29. 284.29 N213

71249 SANFILIPPO, L. The activity of the section for credit to cooperatives. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(39):6-7. May 10,1952. 281.8 Ag3

71250 SAUNDERS, R. Farm mortgage experience during the late thirties and the forties. N. Y. Agr. Col. Farm Econ. 185:4860-4863. May 1952. 280.8 C812

71251 SEVERSON, C. R. Financing of livestock and poultry production. Miss. Banker 36(12):13,26,28-31. May 1952. 284.8 M69

71252 TALBOT, W. J., and SEDEN, R. D. Present financing of rural properties. Rur. Realtor 4:1,3. First Q.1952. 282.8 R88

71253 U. S. COMPTROLLER GENERAL. Report on the audit of Federal Crop Insurance Corporation; letter from the Comptroller General of the United States transmitting a report on the audit of Federal Crop Insurance Corporation for the fiscal year ended June 30, 1951, pursuant to the Government Corporation Control Act (31 U. S. C. 841). Washington,1952. 19 p. (U. S. 82d Cong., 2d. sess. House Doc. 346) 1.952 R292

71254 U. S. FARM CREDIT ADMIN. Farm foreclosure sales, 1950; estimated number of farm foreclosures completed in the United States, by quarters, 1934-50. Washington,1951. 7 p. 1.955 A2F226

71255 U. S. FARM CREDIT ADMIN. Farm mortgage debt; debt held by the Federal land banks as a percent of total debt outstanding, January 1, 1946 & January 1, 1951. Washington,1951. 13 p. 1.955 A2G22

71256 U. S. FARM CREDIT ADMIN. Farm mortgages recorded fourth quarter, 1951. Washington,1952. 6 p. 1.955 A2F228

71257 U. S. FARM CREDIT ADMIN. Functions and organization of the Farm Credit Administration. Washington,1952. 15 p. 1.955 A2F96

71258 U. S. RURAL ELECTRIFICATION ADMIN. 1950 annual statistical report. Washington,1952. 123 p. 1.933 F49
Lending program statistics.

71259 YANG, S. C. A study of the Chinese economy with special reference to farm credit. Minn. U. Sum. Ph. D. Theses 5:216-220. 1951. 241.8 M66

Income

71260 TRIPPLAAR, J. P. The American farm income. (In Dutch.) Landbouwwereldnieuws 7:262-264. Apr.26,1952. 12 L237

Inflation

71261 BOTTUM, J. C. Inflation control and greater price stability. In Farm Foundation. Increasing understanding of public problems and policies, p.48-61. Chicago,1951. 275.2 F223
Includes data on farm income.

Insurance

71262 CAPPELEN, H. Some additional observations on social security for forest laborers. (In Norwegian.) Skog- og. Landarb. 4:54-55. Apr.1952. 283.8 Sk5

71263 EULA. The inquiry which induced the Court of Cassation to recognize as legitimate the revaluation of unified contributions in share farming. (In Italian.) Terra [Firenze] 63(22):2. June 1,1952. 16 T274

71264 EULA. The revision of unified contributions under the shareholding system. (In Italian.) Mondo Agr. 3(14):5-6. Apr.6,1952. 16 M74
Italy.

71265 GEREMIA, G. Old-age pensions for peasants. (In Italian.) Agricoltura 1(4):25-27. Apr.1952. 16 Ag8226
Italy.

71266 GOODWIN, D. C., and KUNIMI, S. Japan's agricultural insurance system; a statistical description. Supreme Commander Allied Powers. Nat. Resources Div. Prelim. Study 72,73 p. Mar.1952. 280.9 Su72

71267 HUTTEBRAUKER. Zur arbeitslosenversicherungspflicht der landwirtschaft. Landwirt. Z. der Nord-Rheinprov. 119:443-444. May 3,1952. 18 L2344

71268 LE CLUS, P. G. Cooperative insurance is important. (In Afrikaans.) Primary Prod. [Cape Town] 28(9):23. May 2,1952. 281.8 P93
Union of South Africa.

71269 SAELAND, J. Fire insurance. (In Norwegian.) Landbrukstidende 58:245,249. Mar.26,1952. 11 L236

71270 STIFEL, W. Steigende arbeitsunfälle und höhere leistungen sind schuld: erhöhte beiträge zur berufsgenossenschaft! Bauern-Ztg. 5(20):3,8. May 16, 1952. 18 B324
Germany.

71271 STRUNZ. Abänderung bei der lohnsteuerberechnung ab 1. Juli 1951. Österr. Forst- u. Holzwirt. 6:435-436. Dec.7,1951. 99.81 Os7

71272 TINLEY, H. L. The big print gives,the little print takes away. Farm Q. 7(2):52-55,106-112. Summer 1952. 6 F22995
Exposes the tricks in buying farm insurance.

71273 U. S. FEDERAL CROP INSURANCE CORPORATION. Sales talk. Suggestions and materials for developing county crop insurance programs. Deadlines are coming! Washington,1952. 22 p. 1.952 Sa37

Taxation

71274 AGNEW, A. Deductibility of certain expenditure for income tax purposes, on land used for primary production. Westralian Farmers Co-op Gaz. 22:185. Mar.1952. 280.28 W522

71275 BEHRLE. Ratschläge zur verminderung der steuerlast. Bauern-Ztg. 5(18):3,15. May 2,1952. 18 B324
Germany.

71276 BOURGET, F. Modalités de la détaxe du carburant agricole. Sol 61:48-50. 1951. 14 So4
France.

71277 CHATER, S. W. Taxation of co-operatives—the facts. Primary Prod. [Cape Town] 28(9):13. May 2, 1952. 281.8 P93

71278 DIEGO SAMPER, L. DE. El aumento de la contribución territorial y su repercusión en los arrendatarios. II. Saragossa. Cám. Ofic. Sind. Agr. B. Mens. 45:9. Feb.1952. 15 Sa7

71279 FIPPARD, N. B. Standard stock values. Massey Agr. Col. Sheepfarming Annu. 4:179-181,183-185, 187-195. Nov.1951. 45.9 M385
Includes discussion.
For taxation purposes.

71280 FONTANILLE, H. L'imposition aux bénéfices agricoles. l'Algérie Agr. et Vitic. 30(1207):1. May 17, 1952. 24 AL37

71281 FRANCIS, J. H. Capital gains amendment; the background of the National Board's efforts on this controversial tax bill. Black Fox Mag. & Mod. Mink Breeder 36:9-11,21-22. May 1952. 410 B56

71282 GARCIA LAZO, R. El impuesto de utilidades y los ganaderos. Rev. Ganad. [Habana] 12(4):26-32. Apr. 1952. 49 R321

71283 KRIEBER, F. Einkommen- und umsatzsteuererklärung 1951. Bauer 5(18):13-15. May 3,1952. 19 B32
Austria.

71284 LEIBFRIED, E. Das Lastenausgleichsgesetz und seine auswirkung für die deutsche landwirtschaft. Bad. Landwirt. Wchnbl. 119:352-353. May 24,1952. 18 B142

71285 LEIBFRIED, E. Das Lastenausgleichsgesetz und seine auswirkung für die deutsche landwirtschaft. Württemb. Wchnbl. f. Landwirt. 119:469-471. May 24, 1952. 18 W96

71286 LETRANGE, J. L'impôt sur les revenus (réalisés en 1951) de l'exploitation agricole ou taxe proportionnelle sur le revenu des personnes physiques. Jura Agr. (n.s.)97:1. Apr.15,1952. 14 J97

71287 MACKAY, R. L. Your farm: business or pleasure? Thoroughbred Rec. 155(22):7,21,23. May 31,1952. 42.8 T39
Computation of depreciation of property on livestock farms, for tax purposes.

71288 NERTINGER, J. Aus den einkommensteuerveranlagungsrichtlinien 1950. Deut. Molk.-Ztg. 72:1076-1077,1107-1108,1157-1158. Aug.24-31,Sept.14,1951. 44.8 Su2

71289 NERTINGER, J. Die einkommensteuerliche behandlung der betriebsspenden der milchwirtschaft. Deut. Molk.-Ztg. 72:872-873. July 6,1951. 44.8 Su2

71290 NERTINGER, J. Die reformbedürftigkeit des steuerlichen rechtsmittelverfahrens. Deut. Molk.-Ztg. 72:1121-1122. Sept.7,1951. 44.8 Su2

71291 NERTINGER, J. Weitere einzelheiten aus dem umsatzsteueränderungsgesetz für die milchwirtschaft. Deut. Molk.-Ztg. 72:1020-1021. Aug.10,1951. 44.8 Su2

71292 NERTINGER, J. Wer stellt die bilanz auf: der betrieb oder die steuerbehörde? Deut. Molk.-Ztg. 72:802. June 22,1951. 44.8 Su2

71293 NERTINGER, J. Das wichtigste aus der änderung des umsatzsteuergesetzes für die milchwirtschaft. Deut. Molk.-Ztg. 72:901. July 13,1951. 44.8 Su2

71294 OVIDIO, M. L. D'. Imposts and contributions in agriculture. (In Italian.) Agricoltura 1(4):22-24. Apr.1952. 16 Ag8226
English summary.
Italy.

71295 PAULICK, H. Warenrückvergütung, ihr wesen und ihre steuerliche behandlung. Münster. U. Inst. f. Genossenschw. Quellen u. Studien 5,144 p. Aug.1951. 280.29 M92

71296 PETIT-LAURENT, V. S. Pour vérifier vos feuilles d'impôts de 1952 (sur vos revenus de 1951). Foyer Rur. [Paris] 15(240,sup.),7 p. May 30,1952. 14 F83
France.

71297 REYNOLDS, D. A farmer's view of co-op taxation. Coop. Digest 12(11a):9,24. May 15,1952. 280.28 C7896

71298 RUST, I. Some recent legislation affecting the tax status of farmers' cooperatives in Hawaii. Hawaii. U Agr. Ext. C. 322,4 p. Apr.1952. 275.29 H312Ac

71299 SIJTSMA, P. Taxation questions. 55. (In Dutch.) Friesch Landbbl. 49:306. May 9,1952. 12 F91

71300 SIJTSMA, P. Taxation questions. 56. (In Dutch.) Friesch Landbbl. 49:323. May 16,1952. 12 F91

71301 SIJTSMA, P. Taxation questions. 57. (In Dutch.) Friesch Landbbl. 49:340. May 23,1952. 12 F91

71302 SOMOZA, A. Explicación del Señor Presidente de la República sobre el proyecto de impuestos al café y algodón. Banco Nac. de Nicaragua. Rev. Trimes. 10(43):11-12. Oct./Dec.1951. 284.9 B2263

71303 STRUNZ, H. Besteuerung von veräusserungsgewinnen. Landwirtschaft 9/10:144-146. May 1952. 19 L235
Austria.

71304 U. S. FARM CREDIT ADMIN. Effect of Federal income taxes on debt-paying ability of farmers. Washington,1952. 4 p. 1.955 E2Ef3

71305 VAN DEN HEVER, G. P. Protest against new basis for taxation. (In Afrikaans.) Wolboer 5(10):31,36. May 1952. 45.8 W83
Union of South Africa.

71306 WILSON, D. Flood losses deductible under income tax law. Mont. Farmer-Stockman 39(17):9. May 1, 1952. 6 M764

71307 WISCONSIN. DEPT. OF TAXATION. Property tax 1950. Wis. Dept. Taxation B. 159,21 p. July 1951. 252.97 T19B
Includes agricultural taxes.

71308 ZAMBON, C. Data on declaration of income for the year 1950 in the province of Vicenza. (In Italian.) Cam. di Com. Indus. e Agr. Vicenza. Not. Econ. 7(7):7-10. Apr.1,1952. 287 V662

AGRICULTURAL LABOR AND WAGES

71309 AMERICAN FEDERATION OF LABOR. Report of the proceedings of the seventieth convention held at San Francisco, California, September 17 to 25, inclusive 1951. n.p.,1951. 618 p. 283.9 Am3
Contains references to farm labor and agriculture for which the index should be consulted.

71310 ARE CHILDREN of migrants third-class citizens? Child 16:138-141. May 1952. 158.2 C483

71311 ARTAMONOV, A. Production brigades on a collective farm. (In Russian.) Kolkhoz. Proizvodstvo 12 (4):11-14. Apr.1952. 281.8 K83
Work management on Kaganovich Farm in Novo-Annenskii District, Stalingrad Region.

71312 BECKERICH, A. De quelques obligations des agriculteurs dans l'emploi des ouvriers étrangers. Agr. Prat. 116:262. May 1952. 14 J82
France.

71313 BERTEN, M. Landjugend in existenznot. Landwirt. Z. der Nord-Rheinprov. 119:458-459. May 3, 1952. 18 L2344

71314 BLUME, G. Ein lohnunternehmer beim kartoffelroden. Dreschen u. Pflügen 6:5-6. Jan.15,1951. 58.8 D81

71315 BLUME, G. Offene worte zum kartoffel- und rübenroden. Dreschen u. Pflügen 7(3):4-5. Mar.15,1952. 58.8 D81
Contract labor.

71316 BROEKHUIS, E. Farm management with reference to labor standards. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:107-116. Mar.1952. 12 N383M
Netherlands.

71317 BUCKLE, D. Forced labour in South Africa. Trade Unions Internatl. Agr. & Forestry Workers. Inform. B. 3:25-28. Jan./Feb.1952. 283.9 T67

71318 CALIFORNIA. EMPLOYMENT STABILIZATION COMMISSION. Labor requirements for California crops; major seasonal farm operations based on estimated acreages and production as of 1949. Calif. Dept. Employment. Rpt. 882(3),35 p. Apr.1952. 283.9 C126

71319 CARVALHO, E. DE. Vacations for farm workers. (In Portuguese.) Soc. Rur. Bras. Rev. 32(374): 60-61. Mar.1952. 9.2 B733

71320 CAVE, W. E., and others. The organization of labour on the farm. Gt. Brit. Min. Agr. Agriculture 59: 79-85. May 1952. 10 G79J
G. H. N. Pettit, E. Rea, and C. G. Soames, joint authors.

71321 CHUKHNO, D. Organization of work in collective farm orchard cultivation. (In Russian.) Kolkhoz. Proizvodstvo 12(4):22-23. Apr.1952. 281.8 K83

71322 CONSEIL ÉCONOMIQUE. Situation des salariés agricoles. n.p.,Presses Universitaires de France,1951. 180 p. (Études et Travaux 20) 283 C7672
Report presented by J. Haniquaut.

71323 COVA, P. Note sull'impiego di mano d'opera nella coltivazione e lavorazione del tabacco [Notes on the use of labor in culture and processing of tobacco]. Milano,Giuffrè,1951. p.369-378. 69 C832

71324 DANN, A. C. The budget and land workers. Land Worker 33(395):3-4. Apr.1952. 283.8 L22
Great Britain.

71325 DANN, A. C. Why land wages must be increased. Land Worker 33(396):5. May 1952. 283.8 L22
Great Britain.

71326 ESTEBAN, A. Las labores agrícolas y las cartillas profesionales. Agricultura [Madrid] 21:200-201. Apr.1952. 15 Ag84

71327 GINAILO, F. Economic effectiveness of checkhill planting. (In Russian.) Sotsialist. Sel'sk. Khoz. 23 (3):22-31. Mar.1952. 281.8 So73
Labor efficiency under various methods of planting corn.

71328 GROBBECKER. Arbeitswirtschaftliche grundsätze und massnahmen zur verbesserung der frühjahrsbestellung. Deut. Landwirt. 3:123-127. Mar.1952. 18 D4822
Russian Zone.

71329 GROBBECKER. Das rübenverkrehlen—ergebnis einer kowaljowstudie. Deut. Landwirt. 3:181-186. Apr.1952. 18 D4822
Efficient labor operations in thinning beets.

71330 HAYES, A. J. As labor sees us. Ohio Farm Bur. News 31(11):12-13. June 1952. 6 Oh34

71331 HOWARD, J. Solving the help shortage. Amer. Fruit Grower 72(6):11,28. June 1952. 80 G85

71332 JUNKER, A. Mähdrusch im lohnverfahren. Hannoversche Land- u. Forstwirt. Ztg. 105:525. May 24, 1952. 18 H194

71333 KÄSS, L. Die kündigung. Dreschen u. Pflügen 7:10-11. Jan.15,1952. 58.8 D81
Legal aspects of labor.

71334 KIEWITT. Auch wir müssen werben! Dreschen u. Pflügen 7(3):8-9. Mar.15,1952. 58.8 D81
Contract labor.

71335 LEGENDRE, P. La main-d'oeuvre agricole en France. Cahiers Franç. d'Inform. 205:9-17. June 1, 1952. 280.8 C11

71336 LIEDBERG, G. Labor and agricultural production. (In Swedish.) (Sum.) Lantmannen 36:323-324. Apr. 26,1952. 11 L234
Sweden.

71337 LINDE, H. Einmaleins der deutschen landarbeiterfrage; die landarbeit muss wieder zum lebensberuf werden können. Übersicht 3(3):3-6. Mar.1952. 18 Ub3

71338 MCFALL, J. R. What is a fair price? West. Farm Leader 17:151. June 6,1952. 280.28 W52
For farm custom work in Canada.

71339 MEDICI, G. The small farm is a good valid source of full employment. (In Italian.) Agricoltura 1(3): 39-41. Mar.1952. 16 Ag8226
English summary.

71340 MENTZEL, F. Das neue jahr stellt neue aufgaben. Dreschen u. Pflügen 7:2-4. Jan.15,1952. 58.8 D81
For contractors
In Germany.

71341 MERCER, W. B. Getting the work done. Gt. Brit. Min. Agr. Agriculture 59:66-70. May 1952. 10 G79J
Labor planning.

71342 MESZAROS, I. Les besoins en main-d'oeuvre de la production agricole. (In Hungarian.) Hungary. Központi Statis. Hivatal. Folyoirata Statis. Szemle 4:285-295. Apr.1952. 266.5 St2M

71343 MEYER, W. Das lohnproblem in der milchwirtschaft. Deut. Molk.-Ztg. 72:1280. Oct.12,1951. 44.8 Su2

71344 MOORAHREND, A. Soziale gerechtigkeit! Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:675. May 1,1952. 18 L2346
Labor problems.

71345 PREUSCHEN, G. Der lohnunternehmer im weinbau. Dreschen u. Pflügen 7(2):1-2. Feb.15,1952. 58.8 D81

71346 RAAB, J. Arbeitskräfte und fachausbildung im gartenbau. Bayern in Zahlen 6:127-129. Apr.1952. 265 B34

71347 REISMANN, H. G. Auch im stall den arbeitsaufwand senken. Landtechnik 7:267-269. May 15,1952. 58.8 L235

71348 SHEMILT, H. J. Labour in Scottish agriculture, 1946/47 to 1950/51. Scot. Dept. Agr. Farm Econ. 23:3-6. Spring 1952. 281.9 Sco3F

71349 STEINMETZ, H. Hofarbeiten in der beratung. Nachr. f. Beratung u. Ausbild. in der Landwirt. 5:51-52. May 1952. 18 N11
Germany.

71350 SVINTSOV, I. Organization of hay mowing and ensilage of feeds. (In Russian.) Kolkhoz. Proizvodstvo 12(4):20-21. Apr.1952. 281.8 K83
Work management by tractor brigade of Stavropol MTS.

71351 TODOROWITSCH, V. Landarbeiter im neuen Jugoslawien. Landarb.-Arch. 7:113-116. Apr.1952. 283.8 L23

71352 U. S. BUR. OF LABOR STANDARDS. Annual digest of State and Federal labor legislation, November 1, 1950—September 15, 1951. U. S. Dept. Labor. Bur. Labor Standards. B. 152,205 p. 1952. 158.58 B87
Includes reference to agricultural and migratory workers for which the index should be consulted.

71353 U. S. BUR. OF THE CENSUS. Annual report on the labor force 1951. Washington,1952. 31 p. 157.41 C937
Includes statistics for agricultural labor.

71354 ZANZINGER, W. Die arbeitsgerichtsbehörden in Bayern im jahre 1950 mit vergleichszahlen aus dem jahre 1949. Bayer. Statis. Landesamt. Z. 83(3/4):49-56. 1951. 265 B322
Includes agricultural labor.

AGRICULTURE - SITUATION, POLICIES, AND PROGRAMS

71355 L'AFRIQUE Équatoriale Française. Économie 8(349,sup.),24 p. May 8,1952. 280.8 Ec726
Includes agriculture.

71356 L'AFRIQUE Occidentale Française. Économie 8(353,sup.),24 p. June 5,1952. 280.8 Ec726
Includes agriculture.

71357 ALBERTARIO, P. Prewar harvests surpassed. (In Italian.) Agricoltura 1(1):11-15. Jan.1952. 16 Ag8226
English summary.
Italy.

71358 ALBIF, J. M. Final de la intervención. Ceres [Valladolid] 17(190):29,31. Apr.1,1952. 15 C33
Spain.

71359 ALTHER, E. W. Die auswirkungen des agrargesetzes in England. Agrarpolit. Rev. 8:325-329. May 1952. 281.8 Ag824
Agriculture Act of 1947.

71360 ALTHER, E. W. Der stand der landwirtschaft in Südafrika. Agrarpolit. Rev. 8:338-343. May 1952. 281.8 Ag824

71361 ALVAREZ ESTEBAN, J. En Ciudad Real se planea el cultivo asociado de 4.100 hectáreas de olivar-viña y 57.180 de olivar. Aliment. Nac. 12(209):8-10. Feb.10,1952. 389.8 AL42
Agricultural policy.

71362 ALVAREZ ESTEBAN, J. Una medida urgente es sembrar las zonas de riego de Madrid para poder abastecer de trigo a la capital. Aliment. Nac. 12(210): 8-9,16. Feb.25,1952. 389.8 AL42
Agricultural policy.

71363 ANCONA. CAMERA DI COMMERCIO, INDUSTRIA E AGRICOLTURA. The economic characteristics of the province of Ancona. (In Italian.) Sintesi Econ. 3 (12):32-62. Dec.1951. 280.8 Si6
Includes agriculture.

71364 ARAN, S. Mallorca agrícola y pecuaria. Balearic Isl. Diputación Prov. B. de Agr. 90:1-3. Mar.1952. 15 B19

71365 ARGENTINA. MINISTERIO DE AGRICULTURA Y GANADERÍA. DIRECCIÓN GENERAL DE FOMENTO AGRÍCOLA. Ciclo de reuniones de coordinación e información técnica. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(26):2-42. Aug.1951. 9 Ar35

71366 ARNIM, W. VON. Die agrarischen verhältnisse in Finnland. Übersicht 3(3):32-35. Mar.1952. 18 Ub3

71367 BANDINI, M. Agricultural pool and international cooperation. (In Italian.) Gior. di Agr. 62:155. May 25,1952. 16 It1G
Europe.

71368 BAR, A. L. S. Argentina; the economic plan 1952. (In Dutch.) Landbouwwereldnieuws 7:259-261. Apr.26,1952. 12 L237
Includes agriculture.

71369 BARCELO, J. L. Estudio de las actividades agrícolas en Venezuela. Ceres [Valladolid] 17(190):35, 37. Apr.1,1952. 15 C33

71370 BARDET. La France pays de montagne. Fiches Rur. 80:31-36. May 1952. 281.8 F44

71371 BENEDIKTOV, I. To fulfill the State Plan for development of agriculture. (In Russian.) Sovet. Agron. 10(4):1-7. Apr.1952. 20 So84

71372 BENNETT, H. G. Agriculture in the Point 4 Program. Sugar News 28:83,85. Feb.1952. 65.8 Su36

71373 BERGER, H. Zeugnis niedersächsischer bauerntüchtigkeit; grundlagen und produktionsrichtung der niedersächsischen landwirtschaft. Hannoversche Land- u. Forstwirt. Ztg. 105:149. Feb.16,1952. 18 H194

71374 BERTHELET, P. L'oeuvre des Chambres d'Agriculture; il est revenu, le temps des comices. Paysan Franç. 27(413):22-23. May 1952. 14 P29

71375 BLACK, J. D. The fifth plate, and how we will fill it, in 1975. Noeast. Dairy Conf. Annu. Rpt. 17:33-37. 1952. 44.9 N818
Productive capacity of agriculture.

71376 BLUETT, W. Agricultura en el Oriente Medio. Rev. Ganad. [Habana] 12(4):34-35. Apr.1952. 49 R321

71377 BOLÉO, O. The Province of Angola in Portuguese West Africa. (In Portuguese.) Soc. de Geog. de Lisboa. B. 69:553-572. Sept./Oct.1951. 506 L68
English summary, p. 638.
Includes agriculture.

71378 BOOTH, J. F. Canadian agriculture at the middle of the century. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11,p.3-10. Saskatoon,1951. 31.2 Sa72

71379 BOSANQUET, C. It all depends on us. Farmers Wk. [London] 36(23):51,53. June 6,1952. 10 F2226
Food prospects for Britain and the agricultural situation in the Commonwealth.

71380 BOUSQUET. Le Sine-Saloum agricole. Agron. Trop. [Nogent-sur-Marne] 7:117-135. (Cont.) Mar./Apr.1952. 26 Ag86

71381 BRADBURY, E. The settlement and development of south Auckland (Waikato, Thames Valley, Coromandel Peninsula) New Zealand. Ed. 8. Auckland,N. Z., 1951? 304 p. (Bradbury's Illustrated Series 1) 128 B722
Includes agricultural data.

71382 BRANDT, K. American agricultural policy during rearmament. J. Farm Econ. 34:184-205. May 1952. 280.8 J822
Includes discussion.

71383 BRIOTTA, L. DELLA. Ponte in Valtellina. (In Italian.) Rass. Econ. della Prov. di Sondrio 5(3):8-12. Mar.1952. 287 So5
Agriculture.

71384 BURTIN, J. Le projet de "pool-vert." Fiches Rur. 80:13-18. May 1952. 281.8 F44
Europe.

71385 CABALLERO, C. Agriculture in Mexico. Bio-dynamics 10:13-17. Winter/Spring 1952. 56.8 B52

71386 CALZECCHI-ONESTI, A. The green "pool." (In Italian.) Gior. di Agr. 62:147. May 18,1952. 16 It1G
Europe.

71387 CÂMARA, A. DE. S. Rural values—eternal values. (In Portuguese.) Frutas da Madeira 11:205,207. Mar.1952. 286.83 F9422

71388 CANADIAN FEDERATION OF AGRICULTURE. Farmers meet the Cabinet. Ottawa, March sixth, nineteen fifty-two. Ottawa,1952. 19 p. 281.9 F226
Agricultural policy.

71389 CANDIDA, F. Regional problems: Comacchio, agricultural center of tomorrow. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(42):5-6. May 21,1952. 281.8 Ag3

71390 CASE, H. C. M. Agricultural production programs in the Corn Belt. In Farm Foundation. Increasing understanding of public problems and policies, p.110-117. Ref. Chicago,1951. 275.2 F223

71391 CHAMBER OF COMMERCE OF THE UNITED STATES. Annual report. Washington,1952. 64 p. 287 C352A
Includes agricultural policy.

71392 CHEVIGNY, J. DE. L'agriculture maîtresse. Agr. Prat. 116:265. May 1952. 14 J82
France.

71393 COMMITTEE OF EUROPEAN ECONOMIC COOPERATION. FOOD AND AGRICULTURE COMMITTEE. Commodity report, European Recovery Program. n.p.,1952. A90 p. 280.9 C7375

71394 COX, A. B. Agriculture. Texas Business Rev. 26(4):10-11. May 1952. 280.8 T312
Situation.

71395 CREA, V. Agriculture within the framework of the country's economy. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(38):1-3. May 7,1952. 281.8 Ag3

71396 DALVIT, G. The problem of the mountain is always the same: the same in 1952 as in 1623. (In Italian.) Agr. delle Venezie 6:169-173. Apr.1952. 16 Ag826

71397 DEGRAFF, H. The farmer and his problems. Edison Elect. Inst. B. 20:183-184,205. June 1952. 335.8 Ed4

71398 DELTA COUNCIL. Annual report, 1950-51. Greenville,1951. 43 p. 280.9 D38R
Includes recommendations for agriculture.

71399 DELTA COUNCIL. Resolutions presented to membership, annual meeting, Cleveland, Mississippi, May 8, 1951. n.p.,1951. 27 p. 280.9 D38Res

71400 DITTLOFF-SUDERBERG. Noch einmal Persien! Diplomlandwirt 2:53-55. May 1952. 18 D62
Agriculture.

71401 EITRICH, G. So sah ich Island. Übersicht 3(3):53-56. Mar.1952. 18 Ub3
Includes agriculture.

71402 ENGELER, W. Landwirtschaft und tierzucht in der Türkei. Grüne 80:556-562. May 16,1952. 17 Sch9

71403 FEDELE, V. What the "Green Pool" is. (In Italian.) Terra e Sole 117:153-155. May 1952. 16 T273

71404 FORLÌ. CAMERA DI COMMERCIO, INDUSTRIA E AGRICOLTURA. The economic characteristics of the province of Forli. (In Italian.) Sintesi Econ. 3(10): 35-58. Oct.1951. 280.8 Si6
Includes agriculture.

71405 FORNASIER, C. Alsace. (In Italian.) Agricoltura 1(2):53-57. Feb.1952. 16 Ag8226
English summary.
Agriculture.

71406 FOSSANI, I. Feeling and love for the land in the works of our painters. (In Italian.) Agricoltura 1(3): 53-56. Mar.1952. 16 Ag8226

71407 FOURMONT. A l'Académie d'Agriculture de France. Terre Marocaine 26:136-130. Apr.1952. 24 T44
Survey of agriculture in Tunisia.

71408 FRANK, H. Die aufgaben der Büros für Erfindungswesen. Deut. Agrartech. 1:372. Dec.1951. 58.8 D482
Five Year Plan in Russian Zone of Germany.

71409 FRISCH, A. Landwirtschaftliche und industrielle entwicklungen in Französisch-Marokko. Wirtschaftsdienst 32:240-242. Apr.1952. 280.8 W74

71410 GARDINER, J. G. En 1952, les revenus bruts de l'agriculture canadienne atteindront un record. Ferme 13(5):4-5,9-10. Jan.1952. 7 F38
Agricultural situation in Canada.

71411 GENOA. CAMERA DI COMMERCIO, INDUSTRIA E AGRICOLTURA. The economic characteristics of the province of Genoa. (In Italian.) Sintesi Econ. 3 (6):29-62. June 1951. 280.8 Si6
Includes agriculture.

71412 GERASHCHENKO, B. Novyĭ moshchnyĭ pod"ëm narodnogo khozîaĭstva SSSR v pervoĭ poslevoennoĭ pîatiletke [New powerful advancement of the national economy of U.S.S.R. in the first postwar Five-Year Plan]. Moskva,Gos. Izd-vo Polit. Lit-ry,1951. 125 p. 280.179 G31

71413 GERMANY. FEDERAL REPUBLIC, 1949- BUNDESMINISTERIUM FÜR GESAMTDEUTSCHE FRAGEN. Die Sowjetisierung der landwirtschaft in der Sowjetzone. Berlin,1951. 40 p. 33.27 G315

71414 GRANGIER, B. Le visage paysan de la Bretagne. Agr. Prat. 116:203-206. Apr.1952. 14 J82

71415 GRASHUIS, J. Farmers and agriculture in America. (In Dutch.) Cent. Bur Meded. 36:45-46. Apr. 1952. 12 N287

71416 GT. BRIT. COLONIAL DEVELOPMENT CORPORATION. Report and accounts for 1951. London, 1952. 74 p. 280.9 G7933

71417 GT. BRIT. COMMONWEALTH ECONOMIC COMMITTEE. Thirty-fifth report, a review of Commonwealth agriculture: production and trade. London,1952. 201 p. 280.39 G795

71418 GREDE, W. J. A business view of farm policy. Natl. Farm Inst. Proc. 14:74-80. 1952. 4 N219

71419 HAAS, DE. Gartenbauwirtschaft und landwirtschaft. Diplomlandwirt 1:117-118. Dec.1951. 18 D62
Germany.

71420 HANNAH, H. W. Recent changes in Illinois farm law. Ill. Farm Econ. 203:1333-1338. Apr.1952. 275.28 IL5

71421 HARTMANN, E. Jahresbericht 1950-51. Bauernbund Kal. 1952:49-51. 1951. 18 B327
Agriculture in Austria.

71422 HEGER. La politique agricole de la Belgique. Rev. de l'Agr. 5:95-106. Feb.1952. 13 R322

71423 HENDRIE, D. S. Expansion of British agriculture. Massey Agr. Col. Dairyfarming Annu. 4:165-174. Nov.1951. 44.9 M382

71424 HERMANDADES SINDICALES DE LABRADORES Y GANADEROS. ASAMBLEA NACIONAL, 4TH MADRID, 1951. Los problemas del campo español; estudios y acuerdos. Madrid,Junta Nacional de Hermandades,Delegación Nacional de Sindicatos,1951. 395 p. 281.176 H42

71425 HIGGS, C. Is this a glimpse of farming after the political pendulum swings? Dairy Farmer [Ipswich] 25(6):17. June 1952. 44.8 D1414
Great Britain.

71426 HOFFMANN, E. Zum problem der ernährungswirtschaftlichen leistungsmassstäbe. Kühn-Arch. 64: 1-33. Ref. 1951. 105.8 H15Ku

71427 HOUTTE, A. VAN. L'agriculture belge en 1951. Louvain. U. Catholique. Inst. de Rech. Econ. et Sociales. B. 18:303-332. May 1952. 280.9 L92

71428 HOWALD, O. Bedeutsame wandlungen in der agrarverfassung der U. S. A. Agrarpolit. Rev. 8:321-325. May 1952. 281.8 Ag824

71429 HUTCHCROFT, T. Secretary Brannan speaks. Iowa Agr. 51:7,18. May 1952. 6 Io9
On U. S. Department of Agriculture policy.

71430 INEICHEN, F. Querschnitt einer reise durch Amerika. Grüne 80:550-555. May 16,1952. 17 Sch9
Agricultural observations.

71431 JAFFE, D. The farmer figures it out; high taxes and Federal doles are two sides of the same coin; it's beginning to worry the farmers. U. S. A. 1(2):36-43. Apr.1952. 134.8 Un3

71432 JAVARONE, D. The land in the works of Verga. (In Italian.) Agricoltura 1(4):44-45. Apr.1952. 16 Ag8226

71433 KALLBRUNNER, H. Der beitrag der österreichischen landwirtschaft zur europäischen wirtschaft. Prakt. Landwirt 6:58,60. Apr.1952. 19 P88

71434 KELLY, C. R. British agriculture as I saw it. So. Austral. Dept. Agr. J. 55:405-407. Mar.1952. 23 So84

71435 KEMÉNY, G. Economic planning in Hungary, 1947-49. New York,Roy. Inst. Internatl. Aff.,1952. 146 p. 280.177 K31
Includes agriculture.

71436 KIMBLE, H. T. The new Israel. New York, 1951. Focus 2(1),6 p. Sept.15,1951. 34.5 K56
Agriculture.

71437 KISLIAKOV, V. D. V subtropikakh Severo-Zapadnogo Kavkaza [In the subtropics of North-Western Caucasus]. Moskva,Akad. Nauk SSSR,1951. 107 p. (Nauchno-Populîarnaîa Seriîa) 33.31 K642
Includes agriculture.

71438 LAGOS U., J. A. Pensamientos agrícolas e industriales. Agr. Costarricense 10:67-69. Mar.1952. 8 Ag895

71439 LAMBERT, W. V. The future of food production. Natl. Farm Inst. Proc. 14:22-28. 1952. 4 N219

71440 LANDESBAUERNKAMMER SCHLESWIG-HOLSTEIN. Jahresbericht 1951. Plön,1951. 124 p. 18 Sch3J
Includes research activities.

71441 LANDWIRTSCHAFTLICHE RENTENBANK. Die westdeutsche landwirtschaft im jahre 1950. Frankfurt am Main,1951. 24 p. 265 L234

71442 LEADLEY, T. A farm policy for the future. Colo. Rancher & Farmer 6(10):5,20. May 24,1952. 6 C714

71443 LE GUELINEL. Justification de l'action des Services Agricoles. France. Min. de l'Agr. Rev. Études & Monog. 70:109-113. May 1952. 281.8 F84

71444 LOUISIANA. STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE. DIV. OF AGRICULTURAL EXTENSION. Louisiana farm and home situation for 1952. La. Agr. Col. Ext. P. 1111,12 p.-folder. Dec.1951. 275.29 L93Ep

71445 LUXEMBOURG. OFF. DE LA STATISTIQUE GÉNÉRALE. Annuaire officiel 1952. Ed. 34. Luxembourg,1952. 683 p. 258 L97A
Agriculture, p. 87-103.

71446 MCWILLIAMS, R. C. Trends in agriculture in Franklin County [Massachusetts]. Our Milk 7(8):2-3. May 1952. 280.28 Ou7

71447 MAIER-BODE, F. W. Agrarpolitische gegenwartsfragen. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:793. May 22,1952. 18 L2346

71448 MALTHA, D. J. L'influence des recherches, de l'enseignement et de la diffusion d'informations sur la productivité de l'agriculture néerlandaise. (In Dutch.) Econ.-Statis. Ber. 37:339-341. Apr.30,1952. 280.8 Ec722
French summary, p. 335.

71449 MARILLONET, L. Pourquoi l'agriculture néerlandaise est-elle prospère? Agriculture [Paris] 16:117-119. Apr.1952. 14 Ag823

71450 MERSSEMAN, A. DE. La agricultura en Polonia. Siembra [Madrid] 8(3):18-19. Mar.1952. 15 Si1

71451 METIVIER, S. Mise au point sur la productivité agricole. Défense Agr. de la Beauce et du Perche 49:259-260. May 24,1952. 14 D36

71452 MILLER, J. L. Madison county's 10 year plan. Crops & Soils 4(8):12-13. June/July 1952. 6 W55
Program for agricultural improvement, Kentucky.

71453 MITWALLY, M. Economic development of the Egyptian oases. Inst. Fouad Ier du Désert. B. 1:121-149. Jan.1951. 515 In7
Agricultural.

71454 MONTGOMERY, J. P. Louisiana's agricultural production, 1909-1951. La. Rur. Econ. 14(2):3. May 1952. 281.8 L93

71455 MORGANDO, A. Impressions of the 1951 agricultural season and summary of production in Piedmont. (In Italian.) Cron. Econ. 111:23-25. Mar.1952. 280.8 C882

71456 NATIONAL FARM INSTITUTE. "Food for the future;" proceedings, fourteenth, February 15 and 16, 1952, Des Moines, Iowa. Des Moines,1952. 115 p. 4 N219

71457 NEIGHBOURS, J. L. Agriculture—the first occupation of man. Aberdeen-Angus J. 33(12):62,119-120. (Cont.) July 1952. 43.8 Ab3
In the Bible.

71458 NYASALAND. PROVINCIAL COMMISSIONERS Annual report, native administration 1949. Zomba, 1951. 58 p. Zomba,1951. 280.9 N98
Includes agriculture.

71459 OLSSON, B. Södermanland plants and harvests; some words on the agricultural meeting in Eskilstuna. (In Swedish.) Lantmannen 36:425-426. May 31,1952. 11 L234

71460 PACYNA, G. Agrarunion—der zweite schritt zu Europa? Übersicht 3(3):15-22. Mar.1952. 18 Ub3

71461 PACYNA, G. Der bauer im umbruch der zeit; die bäuerliche leistungssteigerung im schatten der industrialisierung. Hannoversche Land- u. Forstwirt. Ztg. 105:147-148. Feb.16,1952. 18 H194

71462 PALLOTTA, F. Mountain reconstruction and mountain economy. (In Italian.) Mondo Agr. 3(19):4. May 11,1952. 16 M74
Italy.

71463 PECHDO, P. Le causse comtal. Inst. Natl. Agron. Ann. 38:137-204. 1951. 105.3 In8
Agricultural situation.

71464 PESCARA. CAMERA DI COMMERCIO, INDUSTRIA E AGRICOLTURA. The economic characteristics of the province of Pescara. (In Italian.) Sintesi Econ. 3(8/9):36-55. Aug./Sept.1951. 280.8 Si6
Includes agriculture.

71465 PETER, G. Le bilan de l'Office du Niger. Marchés Colon. du Monde 8:1096-1099. Apr.26,1952. 286.8 M33
Agriculture.

71466 PETRICEVIC, J. Die lage der österreichischen landwirtschaft. Agrarpolit. Rev. 8:334-336. May 1952. 281.8 Ag824

71467 PIUS XI, POPE. Exhortations to Italian farmers. (In Italian.) Agricoltura 1(3):5-7. Mar.1952. 16 Ag8226

71468 PLAN agrario "Eva Peron." Chacra 22(258): 37. May 1952. 9 C34

71469 PONCET, J. Quelques problèmes actuels des campagnes tunisiennes. Ann. de Géog. 60:255-269. July/Oct.1951. 473 An75
Agriculture.

71470 POPOV, IU. Socialist transformation of agriculture in Bulgaria. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(3):47-57. Mar.1952. 281.8 So73

71471 QUEENSLAND-BRITISH FOOD CORPORATION. Fourth report covering the year from 1st October, 1950, to 30th September, 1951. Brisbane,1952. 17 p. 389.9 Q32

71472 RAJA, S. T. Agricultural development in Punjab. Indian Farming 2:26-27. Apr.1952. 22 In283

71473 RANGANATHACHARI, N. Emergency food production camps. Madras Agr. J. 39:266-272. Mar. 1952. 22 M262

71474 REHWINKEL, E. Ist das wirtschaftspolitik?—Fehlgeleitete agrarpolitik. Landwirtbl. Weser-Ems 99: 460. May 8,1952. 18 L2345

71475 REHWINKEL, E. Ist das wirtschaftspolitik? Hannoversche Land- u. Forstwirt. Ztg. 105:443-444. May 3,1952. 18 H194

71476 RENNE, R. R. Philippine agriculture and United States aid. Q. Alpha Zeta 48:3-4,15. May 1952. 275.8 AL7
Special Technical and Economic Mission to the Philippines.

71477 ROBEQUAIN, C. L'économie de l'Asie des moussons et son évolution récente. Ann. de Géog. 60: 241-254. July/Oct.1951. 473 An75
Agriculture, p. 242-247.

71478 RUMOR, M. Urgency of the ten-year plan. (In Italian.) Agricoltura 1(2):5-8. Feb.1952. 16 Ag8226
English summary.
Agriculture.

71479 RURAL RECONSTRUCTION ASSOCIATION. A report on the land which would be required to produce the food requirements of Great Britain and Northern Ireland (with certain specified exceptions) on the basis of the present estimated average annual yields of crops and livestock products and on the increased average annual yield of crops per acre which would be necessary to produce the same amount of food from the available acreage on the basis of optimum land use. London,1951. 24 p. (Prog. Rpt. 1) 281.9 R884

71480 SALA ROCA, E. Ordenación de la producción agraria. Cult. Mod. 35:130-131. Apr.1952. 15 C89
Spain.

71481 SALTER, R. M. America's capacity to produce food. Natl. Farm Inst. Proc. 14:11-22. 1952. 4 N219

71482 SALVADOR Y ASCASO, J. M. El campo de la historia en la historia del campo. Saragossa. Cám. Ofic. Sind. Agr. B. Mens. 46:25. (Cont.) Mar.1952. 15 Sa7
Agriculture in literature.

71483 SASKATCHEWAN. UNIVERSITY. Lectures and addresses given during Farm Week, January 8-11. Saskatoon,1951. 83 p. 31.2 Sa72

71484 SCHILL, L. Gegen den "Stuttgarter geist!" Badens bauernschaft und die neue regierung; was wird beim staatsaufbau geschehen? Bauern-Ztg. 5(19):1-2. May 9,1952. 18 B324

71485 SHAPOVAL, A. G. Plan for introducing achievements of science and leading practices in 1952. (In Russian.) Dostizheniia Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1:9-28. Jan.1952. 20 D742

71486 SIMMONS, L. G. Mississippi's balance sheet. Miss. Banker 36(12):8,18-22. May 1952. 284.8 M69
Agriculture.

71487 SINCOCK, R. L. Will Columbia Basin hit me? Utah Farmer 72:414,459. May 15,1952. 6 D45
The agricultural outlook.

71488 SINGER, H. W. India's five-year plan: a modest proposal. Far East. Survey 21:97-101. June 18, 1952. 280.9 In782
Includes agriculture.

71489 SLOAN, F. S. North Carolina's united agricultural program. State Govt. 25:121-124. June 1952. 280.8 St2

71490 SOCIEDAD AGRÍCOLA DEL NORTE. La real gravedad de nuestra condición agrícola. Agr. del Norte 40,i.e.41:294-295. July/Sept.1951. 9.3 So14
Chile.

71491 SONDRIO. CAMERA DI COMMERCIO, INDUSTRIA E AGRICOLTURA. The economic characteristics of the province of Sondrio. (In Italian.) Sintesi Econ. 3(7):39-50. July 1951. 280.8 Si6
Includes discussion of agriculture.

71492 STICHTING VOOR DE LANDBOUW. WERKGROEP PRIJSPOLITIEK. Directions for future agricultural policy. (In Dutch.) Stichting v. de Landb. Meded. 7:129-133. Apr.25,1952. 12 St5
Netherlands.

71493 STRONG, T. H. The national problem of increasing rural production. Westralian Farmers Co-op Gaz. 22:141-143. Mar.1952. 280.28 W522

71494 STURZO, L. Industrialization of agriculture could give new vitality to the economy of splendid and miserable Sicily. (In Italian.) Agricoltura 1(1):37-39. Jan.1952. 16 Ag8226
English summary.
Includes policy for agriculture.

71495 SYMPOSIUM panel—"how can we produce to keep pace with population"? Natl. Farm Inst. Proc. 14: 42-50. 1952. 4 N219
W. G. Murray, presiding; statements by H. R. Tolley and F. J. Welch.

71496 TAFT, R. A. My farm stand. Metrop. Milk Prod. News 12(5/6):9-10,15-16. May/June 1952. 280.28 M56

71497 TALBOTT, G. J. Condensation of testimony before committee. N. Dak. Union Farmer 19(2):6-7. June 2,1952. 280.28 N812
Problems of agriculture.

71498 TALERO GARCIA, E. La parcela colombiana. Cent. Nac. de Invest. de Café. Bibliot. B. Inform. 3(26): 26-32. Feb.1952. 68.29 C332
Productive capacity.

71499 TAPP, J. W. Future looks good. Impl. Rec. 49(6):40-41. May 1952. 58.8 Im73

71500 TAPP, J. W. Trends in agriculture and agricultural financing. (Outline.) Natl. Agr. Credit Comt. Rpt. 195:21-25. 284.29 N213

71501 TRAWINSKI, F. Le pool vert. Nord Agr. 8 (28):1-2. May 2,1952. 14 N75
Europe.

71502 UNITED NATIONS. ECONOMIC AND SOCIAL COUNCIL. Estudio económico para la América Latina 1949. Agr. del Norte 40,i.e.41:251-261,283-292,309-321. Apr./June-Oct./Dec.1951. 9.3 So14
Agricultural.

71503 UNITED NATIONS. ECONOMIC COMMISSION FOR LATIN AMERICA. SECRETARIAT. Economic survey of Latin America 1949. New York,United Nations Dept. of Econ. Aff.,1951. 536 p. (E/CN.12/164/Rev.1) 280.9 Un3325
Includes material on agriculture.

71504 UNITED NATIONS MISSION OF TECHNICAL ASSISTANCE TO BOLIVIA. Report. New York,Tech. Assis. Admin.,1951. 128 p. (United Nations [Document] ST/TAA/K/Bolivia/1) 280.162 Un3
United Nations publications, Sales No.:1951.II.B.5.
Contains chapters on agriculture and forestry.

71505 U. S. DEPT. OF AGRICULTURE. GRADUATE SCHOOL. Agricultural policy in the defense period, by H. Newsom. Washington?1951. 1.984 Ag82

71506 U. S. LIBRARY OF CONGRESS. REFERENCE DEPT. Iran: a selected and annotated bibliography, by H. F. Farman. Washington,1951. 100 p. 242.91 Un313Ir
Includes agriculture.

71507 U. S. MUTUAL SECURITY AGENCY. Southeast Asia. Washington,1952. 54 p. 173.2 M98So
Includes the agricultural program.

71508 U. S. PRODUCTION AND MARKETING ADMIN. NEW YORK STATE COMMITTEE. Annual statistical report, 1950. Syracuse,1951. 26 p. 1.956 A2An73
Agricultural conservation, price support and crop insurance programs.

71509 VARNEY, H. R. Teamwork for West Virginia agriculture. Mountaineer Grower 22(190):54-59. Feb. 1952. 80 M86

71510 VERGNAUD, H. L'espace économique français. Agr. Prat. 116:258-260. May 1952. 14 J82
Agriculture.

71511 VERTUNNI, R. Regional problems: characteristics of Trentino agriculture. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(39):8-9. May 10,1952. 281.8 Ag3

71512 WARRICK, H. Austria through a farm boy's eyes. Q. Alpha Zeta 48:11-12. May 1952. 275.8 AL7

71513 WERNER, K. Die entwicklung der landwirtschaft in den jahren 1924—1938 unter dem einfluss verschiedener betriebsfaktoren. Kühn-Arch. 64:225-300. Ref. 1951. 105.8 H15Ku
Germany.

71514 WESTCOTT, G. W. Criteria for judging public policies as they affect economic progress and interdependence. In Farm Foundation. Increasing understanding of public problems and policies, p.157-161. Chicago,1951. 275.2 F223

71515 WILCOX, W. W. Social scientists and agricultural policy. J. Farm Econ. 34:173-183. May 1952. 280.8 J822

71516 WORKING, E. J. Appraising the demand for American agricultural output during rearmament. J. Farm Econ. 34:206-227. May 1952. 280.8 J822
Includes discussion.

71517 ZANINI, E. Orizzonti dell'agricoltura siciliana: bòschi e pascoli montani; coltivazioni erbacee e legnose [Horizons of Sicilean agriculture: forests and mountain pastures; herbaceous and wood producing crops]. Palermo,Ires,1951. 84 p. 33.19 Z1

71518 ZELLER. ERP-zuschüsse für 1952. Auf der Alpe 5:35-36. May 1952. 18 Au3
Germany.

71519 ZATTA, P. L. Agriculture and prospects of cooperation, especially in the hill regions. (In Italian.) Cam. di Com. Indus. e Agr. Vicenza. Not. Econ. 7(4): 9-10. Feb.16,1952. 287 V662

Subsidies

71520 GREENLAND, A. Cuestiones agropecuarias. Ceres [Valladolid] 17(191):33,35. May 1,1952. 15 C33
Subsidies in Great Britain.

71521 SERVAIS, J. Les subsides pour la réfrigération du lait à la ferme. Belg. Lait. 6(24):14-15. Mar. 1952. 44.8 B412

COST AND STANDARD OF LIVING

71522 GOUVERNEUR, F. Le niveau de vie des familles rurales. II. Le budget-type. Fiches Rur. 80: 21-26. May 1952. 281.8 F44
France.

71523 GOUVERNEUR, F. Le niveau de vie des familles rurales. III. Etude d'un budget ménager réel. Fiches Rur. 81:21-26. June 1952. 281.8 F44
France.

FARM MANAGEMENT AND LAND ECONOMICS

71524 ANDERSON, H. G. How maximize profits. Amer. Soc. Farm Mgr. & Rur. Appraisers J. 15:152-154. Oct.1951. 281.8 Am32

71525 BAKKER, H. Exploitation des fermes d'État. (In Dutch.) Econ. Statis. Ber. 37:395-397. May 21,1952. 280.8 Ec722
French summary, p. 387.
Netherlands.

71526 BAÑUELOS, M. La explotación de la tierra por sociedades anónimas o por cooperativas agrícolas. Ceres [Valladolid] 17(191):7. May 1,1952. 15 C33

71527 BECHARA, M. Balanced agricultural program. (In Portuguese.) Colheit. e Mercados 8:3-4. Jan./Feb. 1952. 255.3 Sa652
Balanced farming in the United States.

71528 BHATTACHARJEE, K. Co-operative farming and the five year plan. Indian Co-op. Rev. 17:302-304. Oct./Dec.1951. 280.28 In2

71529 BIELKA, R. Über die rand- und nachbarwirkung, den einfluss der fehlstellen und die mindestteilstückgrösse bei gemüsefeldversuchen. (Sum.) Kühn-Arch. 64:415-416. 1951. 105.8 H15Ku
Germany.

71530 BLASINGAME, R. U. Down Puerto Rico Way; agriculture in the land of the sugar cane in a blend of the old and new. Pa. Farmer 146:508-509,535. June 14,1952. 6 P383

71531 BROWN, A. H. Farming on Hayling Island. Farm & Mkt. 1(5):3-4,6. May 1951. 280.28 F229

71532 BUEREN, J. VAN. Research on the small farm. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:117-121. Mar.1952. 12 N383M
Netherlands.

71533 CANADA. DEPT. OF RESOURCES AND DEVELOPMENT. Report for the fiscal year ended March 31, 1951. Ottawa,1951. 136 p. 279.9 C165
Includes work of the Northern Administration and Lands Branch and the Forestry Branch.

71534 CYPRUS. LAND REGISTRATION AND SURVEY DEPT. Annual report for the year ended 31st December, 1951. Nicosia,1952. 7 p. 282.9 C992

71535 DUCKHAM, A. N. Farmers versus famine. Corona 4:8-11. Jan.1952. 282.28 G79
Need for improved farm management in various countries.

71536 ECHAVARRIA, G. Hacienda Mundo Nuevo. Hacienda 47(5):60. June 1952. 6 H11
Cattle ranching in Colombia.

71537 FARWELL, E. D. Observaciones sobre algunas de las prácticas de manejo acostumbradas en las haciendas de ganado lechero en el Valle del Cauca. Acta Agron. 2:115-117. Apr.1952. 9.4 Ac8

71538 FIEDLER, K. H. Die volkswirtschaftliche bedeutung des landwirtschaftlichen nebenerwerbes. (Sum.) Kühn-Arch. 64:414-415. 1951. 105.8 H15Ku
Germany.

71539 FRANCE. DEPT. DE LOIR-ET-CHER. DIRECTION DES SERV. AGRICOLES. L'agriculture moderne, v. II, par R. Gessat avec la collaboration de MM. Delplace, Méchain, Cusson, Feige, Pigeon, Quénardel, Pavot. Blois,1951. 1094 p. 33.17 F8492

71540 FRIEDMANN, T. D. W., and ESKOLSKY, M. Farming in the Holy Land. Farm Q. 7(2):30-33,93-94,96. Summer 1952. 6 F22995
Israel.

71541 GARCIA, J. U. Llamada al hombre del campo. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Almanaque Agr. de la Repúb. 1952:76-78. 8 D714
Farming as an occupation.

71542 GEBHARDT, A. Ein bäuerlicher musterbetrieb. Ehemalige 5:17. In Landwirt. Wchnbl. 142(19). May 10,1952. 18 L2338
Germany.

71543 GONÇALVES, P. A. The Pabst farm. (In Portuguese.) Lav. Arroz. 6(62):25-26. Feb.1952. 59.8 L39
A dairy farm in Wisconsin.

71544 GRUSHKO, P. Growth of indivisible funds and their proper utilization. (In Russian.) Kolkhoz. Proizvodstvo 12(4):6-8. Apr.1952. 281.8 K83
Bol'shevik Collective Farm in Trofanov District, Zhitomir Region.

71545 HARDIN, C. M. A rounded land conservation program. Amer. Acad. Polit. & Soc. Sci. Ann. 281:146-154. May 1952. 280.9 Am34
Conservation farming.

71546 HEUSER, O. E. Hofwirtschaft; eine zusammenarbeit von betriebslehre, landtechnik und bauwesen. Übersicht 3(4):29-33. Apr.1952. 18 Ub3

71547 HIGHSMITH, R. M., JR. The Eugene area: a study in Willamette Valley farming. (Abs.) Oreg. Acad. Sci. Proc. 2:77. 1948-51. 500 Or3

71548 HOFSTEN, C. G. VON. Collaboration between theory and practice. (In Swedish.) Lantmannen 36:309-310. Apr.19,1952. 11 L234
In farming.

71549 HOW TO maximize farm profits in the next few years; round table for farm managers. Amer. Soc. Farm Mgr. & Rur. Appraisers J. 15:151-156. Oct.1951. 281.8 Am32
J. J. Wallace, leader.

71550 HUSEMANN, C. Marschversuchswirtschaft Geversdorf. Hannoversche Land- u. Forstwirt. Ztg. 105:152. (Concl.) Feb.16,1952. 18 H194
Management.

71551 HUSEMANN, C. Praktische wege zur gesunden entwicklung der grünlandmarschbetriebe. Grünland 1: 36-40. In Tierzüchter 4(9). May 5,1952. 49 T445

71552 JEPSON, S. High yields from small farms. Smallholder 87(2191):14-15. May 16,1952. 10 Sm1
Intensive farming on the island of Jersey.

71553 KEARL, C. D., and FIFE, L. S. Changes and factors affecting changes in output efficiency on New York farms. N. Y. Agr. Col. A. E. 821,19 p. May 1952. 281.9 C81
Includes productive capacity of labor.

71554 KELLOGG, C. "Poor" farms—an outdated national luxury. Successful Farming 50(6):33,114. June 1952. 6 Su12
Remedies are given for poor soils and poor farm management.

71555 KHALTURIN, V. Machine-tractor stations—a powerful lever in the advancement of agriculture. (In Russian.) Planovoe Khoz. 2:55-64. Mar./Apr.1952. 280.8 P69

71556 KOPRIÀKOV, P. E. On improving agronomical services to collective farms. (In Russian.) Sovet. Agron. 10(5):82. May 1952. 20 So84
By machine-tractor station agronomists.

71557 LAFFAN, R. T. Outstanding achievement in farm & [dairy] herd management. Agr. Gaz. N. S. Wales 63:149-152. Mar.1952. 23 N472

71558 LAUMONNIER, R. Comment une plantation fruitiére de 8 ha. 50 est devenue "pilote." France. Min. de l'Agr. B. Tech. d'Inform. 68:229-234. Apr.1952. 14 F844B

71559 LAURIDSEN, L. Dairy cattle, beef cattle or farming without cattle. Is there a basis for extensive management changes? (In Danish.) Tidsskr. f. Landøkon. 5:213-228. May 1952. 11 T43

71560 LINDE, R. J. VAN DER. Development of the sheltered farm land in the former heath districts in West Jutland. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:129-137. (Cont.) May 1952. 12 N282

71561 LOZOVOI, V. I. Sovetskaia Machine-Tractor Station [in Krasnodar Territory] in its effort for high yields of crops. (In Russian.) Sovet. Agron. 10(5):35-42. May 1952. 20 So84

71562 MACMEEKAN, G. P. Una granja en Nueva Zelandia. Rev. Nac. de Agr. 46(563):12-16. Mar.1952. 9.4 R32

71563 MARANAN, A. A. Farm problems and their practical solutions. Agr. & Indus. Life 14(4):19,44. Apr. 1952. 25 Ag8
Philippines.

71564 MEADLEY, W. G. The use of management techniques in agriculture. Austral. Inst. Agr. Sci. J. 18: 8-12. Mar.1952. 23 Au74

71565 MERCURI, S. "Model farm" in the Agro Romano. (In Italian.) Gior. di Agr. 62:141. May 4/11, 1952. 16 It1G

71566 MICHET, J. Puisaye d'hier et d'aujourd'hui; l'évolution de la ferme de la Bonde. B. des Engrais 337: 13-15. Jan.1952. 57.8 B87
Dairy farm in France.

71567 MOORE, C. A. Farming in the Matanuska and Tanana Valleys of Alaska. Alaska. Agr. Expt. Sta. B. 14, 32 p. Jan.1952. 100 AL122B

71568 MOTTRAM, R. H. According to their ancient habit. Farmers Wk. [London] 36(21):62-64. May 23,1952. 10 F2226
At Laxton, Nottinghamshire, is to be found a system of farming unchanged in its essentials since man became agricultural.

71569 MUAN, P. Farm management investigations in South Trøndelag 1950/51. (In Norwegian.) Landbruks-tidende 58:268-270. Apr.2,1952. 11 L236

71570 NATIVIDADE, J. V. Technique at the service of Madeira agriculture. (In Portuguese.) Frutas da Madeira 11:201-204. Mar.1952. 286.83 F9422

71571 NESTINGEN, D. V. Here's how one man produces 50 cattle, 60 hogs on 85 acres. Natl. Live Stock Prod. 30(8):8,15. June 1952. 280.38 N21
Farm management.

71572 NEW POLICIES for Jugoslav farming. Economist 163:525-526. May 24,1952. 286.8 Ec7
Cooperative farming.

71573 NICHOLAS, G. "Lowlands"—a challenge to sandy soil, model farm rises from miniature desert in the heart of the Western Province. Farmer's Wk. [Bloemfontaine] 83:12-13. May 7,1952. 24 F225

71574 NUNES, O. 3,000 white cocks. (In Portuguese.) Divulg. Coop. 29:19,24. Mar.1952. 280.28 R47
Cooperative poultry farm in Brazil.

71575 O'CONNOR, R. Can you make your farm pay? Agr. Ireland 9:116-117. (Cont.) May 1952. 10.5 Ag8

71576 PANARETOS, A. Need for improvement in agricultural methods. Cyprus. Dept. Coop. Co-op. Cyprus 25:6-9. Mar.1952. 280.29 C99C

71577 PASHIN, V., and GOMEL'SKIĬ, A. Property disputes of collective farms. (In Russian.) Kolkhoz. Proizvodstvo 12(4):56-57. Apr.1952. 281.8 K83
Arbitration in unfulfilled contracts.

71578 PAUL, R. A. Dairy farm competition, 1951. Queensland Agr. J. 74:214-222. Apr.1952. 23 Q33

71579 PETERSEN, W. E. Dairying for tomorrow. Amer. Soc. Farm Mgr. & Rur. Appraisers J. 15:128-131. Oct.1951. 281.8 Am32
Farm management factors.

71580 PIETRONI, A. The work of the Italian National Federation of Farmers and Sharecroppers" among the sharecropper youth. Trade Unions Internatl. Agr. & Forestry Workers. Inform. B. 3:28-32. Jan./Feb.1952. 283.9 T67

71581 PLATH, C. V. A framework for land economist—a commentary. J. Farm Econ. 34:250-252. May 1952. 280.8 J822

71582 PROCTOR, R. E. Factors influencing farm organization in a general livestock area in Kentucky. Minn. U. Sum. Ph. D. Theses 5:212-216. 1951. 241.8 M66

71583 QUEBEC. MINISTERE DE LA COLONISATION. Rapport de l'ordre du mérite du défricheur 1951. Quebec? 1951. 176 p. 282.29 Q33R

71584 RAYNAULD, R., and NUYTEMANS, F. A Malabar Farm, Louis Bromfield romancier a créé en une douzaine d'années, une des exploitations agricoles les plus belles des Etats-Unis. Ferme 13(7):8-10. Mar. 1952. 7 F38

71585 RENAUD, J. Organisation administrative et technique de l'exploitation agricole. Agriculture [Paris] 16:99. Apr.1952. 14 Ag823

71586 RIDDER, J. Methods for the investigation of the production technical and economic position of agriculture. (In Danish.) Nord. Lantbrekon. Tidskr. 2: 28-30. 1952. 281.8 N75
Farm managment.

71587 ROMERO MONTERO, R. Las sociedades mercantiles agrícolas representan el 0.01 por ciento del total de empresas agrícolas, y en su casi totalidad son sociedades anónimas. Siembra [Madrid] 8(2):10-12. Feb.1952. 15 Si1

71588 ROSSI, B. La mezzadria [Share farming]. Roma,1951? 58 p. 281.9 Is7

71589 SALISBURY, G. Farmer tells how he holds son and hired man. Capper's Farmer 63(6):22. June 1952. 6 M693

71590 SCHILLER, O. Die zukunft des arbeiterbauerntums. Württemb. Wchnbl. f. Landwirt. 119:446-447. May 17,1952. 18 W96

71591 SCHNIDRIG, A. L. Sonnenzeichen als zeitmesser bäuerlicher vorfahren. Grüne 80:596-600. May 30,1952. 17 Sch9

71592 SCHRODER-ETZDORF, M. Vom betriebsvergleich. Deut. Landwirt.-Gesell. Mitt. 67:273,281-282. Apr.26,1952. 18 N39

71593 SHKONDE, E. I. A farm on high level of agriculture. (In Russian.) Dostizheniîa Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1:53-58, Jan.1952. 20 D742
Stalin Kolkhoz in Vurnarskiĭ District, Chuvash ASSR.

71594 SHUTTLEWORTH, D. W. G. His mealies walk off the farm. Farmer's Wk. [Bloemfontein] 83:14-15,17. Apr.23,1952. 24 F225
Farming in South Africa.

71595 SIMPFENDÖRFER, P. Der kleinbauernbetrieb, das sorgenkind der künftigen agrarpolitik. Württemb. Wchnbl. f. Landwirt. 119:382-383. Apr.26,1952. 18 W96

71596 SMITH, C. S. Seeing for ourselves; a report on a tour of Holland's farm land. 1. Production at minus three feet. Farmers Wk. [London] 36(24):54-55. (Cont.) June 1,1952. 10 F2226

71597 SNYDER, H. Southern farm. Commonweal 56:193-194. May 30,1952. 280.8 C735

71598 SOKOLOV, N. S., ed. Osnovy zemledeliîa [Principles of agriculture]. Moskva,Gos. Izd-vo Selkhoz Lit-ry,1951. 399 p. (Trëkhletnie Agrozootekhnicheskie Kursy. 1st Year of Study) 33.31 So4

71599 STAHL, W. Innere betriebseinrichtungen auf dem bauernhof. Ehemalige 5:18-19. In Landwirt. Wchnbl. 142(19). May 10,1952. 18 L2338

71600 STALCUP, H. E. The American Society and you. Amer. Soc. Farm Mgr. & Rur. Appraisers J. 15: 107-111. Oct.1951. 281.8 Am32

71601 STOCKENSTROM, B. VON. Farming in Södermanland. (In Swedish.) Lantmannen 36:423-424. May 31,1952. 11 L234

71602 STRAND, E. W. The farm fairy tale north of the Polar circle. (In Danish.) Dansk Landbr. 71:246-247. May 22,1952. 280.28 V91
In Norway.

71603 U. S. BUR. OF LAND MANAGEMENT. Report 1951. Statistical appendix. Washington,1951. 161 p. 156.55 R29

71604 URAL'SKII, A. Many-sided development of an artel's public economy. (In Russian.) Kolkhoz. Proizvodstvo 12(4):9-10. Apr.1952. 281.8 K83
Consolidation of Bagirov Collective Farm in Muganskaîa Steppe.

71605 VAULIN, I. G. Achievements of Imeni Il'icha Collective Farm [in Petrokamenskii District, Sverdlovsk Region]. (In Russian.) Sofsialist. Zhivotnovod. 13(11):27-30. Nov.1951. 49 So71
Chiefly on management of livestock farms.

71606 WESTERN live stock buyers' hand book, June, 1951. Denver,1951. 30 p. 225 W527
A directory of ranches.

71607 WUNDERLICH. Wie wurden die leistungen eines 25-ha-betriebes gesteigert? Deut. Landwirt.-Gesell. Mitt. 67:262-263. Apr.19,1952. 18 N39
Management.

71608 YERUHAM. Working methods at the Huleh plantations. (In Hebrew.) Hassadeh 32:136-137. Dec. 1951. 26 H27

71609 ZIMMERMAN, C. If you want a bigger farm, here's how to get it: grow more grass and legumes to build fertility; control erosion; boost total production from your land. Capper's Farmer 63(6):23,79. June 1952. 6 M693

Bookkeeping and Records

71610 BILL, J. H., and GERKEN, J. Hofbeschreibung für bäuerliche verhältnisse. Ed. 5. Weinheim,Beltz, 1951? 46 p. 30.61 B49

71611 FICH, C. Fruit growing and bookkeeping. (In Danish.) Erhvervsfrugtavleren 18:7-8. Oct.1951. 80 Er3

71612 FRANCIS, M. Farmers' "take-home" profits. Feedstuffs 24(25):56-57. June 21,1952. 286.81 F322
Helping farmers with accounting.

71613 JONSSON, G. Icelandic farm records and some of their main results. (In Danish.) Nord. Lantbrekon. Tidskr 2:21-27. 1952. 281.8 N75

71614 KRASNOV, A. Calculation of workdays in the administration of a collective farm. (In Russian.) Kolkhoz. Proizvodstvo 12(4):53-55. Apr.1952. 281.8 K83

71615 MORRISON, D. J. Double entry to the Basin. Utah Farmer 72:469,492,500. June 5,1952. 6 D45

71616 SEITZ, F. W. Wer schreibt, der bleibt! Dreschen u. Pflügen 6(12):10-11. Dec.15,1951. 58.8 D81
Accounting in Germany.

71617 SIJTSMA, P. Cooperative central agricultural bookkeeping. XXVIII. (In Dutch.) Bolwerk 4(10):13. Apr.1952. 280.28 B633
Netherlands.

Costs and Returns

71618 BENTIVOGLIO, A. Cost of production of milk. (In Italian.) Latte 26:225-226,229-230. May 1952. 44.8 L35
Italy.

71619 BLACK, G. K. R. The bean crop; costings from a Stirlingshire farm. Scot. Dept. Agr. Farm Econ. 23:11-13. Spring 1952. 281.9 Sco3F

71620 BURBURY, T. E. T. Profitable butter fat production? Canad. Jersey Breeder 7(4):12. Apr.1952. 43.8 C165
Costs and returns.

71621 BURLINGAME, B. B. Walnut production costs and income - 1950, eighty growers in six counties [California] collaborated in keeping records. Diamond Walnut News 34(3):8. May 1952. 94.68 D34

71622 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 1951 Napa County poultry management study, by A. Shultis and K. Bissell. Berkeley?1952. 7 p. 275.29 C12En
Includes costs and returns.

71623 CLARK, J. Poultry profitability; a small farmer's experience of battery cages and deep litter. Scot. Dept. Agr. Farm Econ. 23:18-20. Spring 1952. 281.9 Sco3F
Scotland.

71624 DAVIS, J. W. Two profitable smallholdings. Scot. Dept. Agr. Farm Econ. 23:13-16. Spring 1952. 281.9 Sco3F
Costs and returns for Scottish farms.

71625 DINGES, H. R. New era for Wealth Belt farmers seen with increased fertilizer usage. (Excerpts.) Com. West 103(25):10-12,32. June 21,1952. 286.8 C733
Costs and returns.

71626 DUM, S. A. Dairy practices, costs and returns in New Castle County, Delaware. Del. Agr. Expt. Sta. B. 294,24 p. Jan.1952. 100 D37S

71627 FREEMAN, E. P. Why early range losses should be prevented. Minn. Gobbles 6(11):18-19. Apr. 1952. 47.38 M66
Costs and returns.

71628 HOGLUND, C. R., and WRIGHT, K. T. Reducing dairy costs on Michigan farms. Mich. Agr. Expt. Sta. Spec. B. 376,31 p. May 1952. 100 M58S

71629 HORN. Nochmals weideunterteilung? Praxis u. Forsch. 4:48-51. Apr.20,1952. 18 P89
Costs and returns in Germany.

71630 JASKA, E. The postwar increase in Danish agricultural profits. Overseas Rpt. Agr. Devlpmt. 10, 8 p. May 1952. 281.9 C16420

71631 JUNCKER, F. Reflections on the variation in agriculture and its economy. (In Danish.) Tidsskr. f. Landøkon. 4:187-204. Apr.1952. 11 T43
Costs and returns.

71632 KEARL, C. D. One hundred years and costs for corn and wheat. N. Y. Agr. Col. Farm Econ. 185:4865-4868. May 1952. 280.8 C812

71633 KITCHEN, J. B., JR. Lowering milk production costs by feeding roughages. Milk Indus. Found. Conv. Proc. (1951) 44(5):59-61. 1952. 44.9 In8

71634 KLOSTERMAN, E. Pasture has cash value. Dakota Farmer 72(2):24. Jan.19,1952. 6 D14

71635 KUHLMAN, G. W. Cost of establishing filberts (5 years). Nowest. Nut Bowl 3(8):3-4. Mar.1952. 94.68 N81

71636 LAURSEN, R. Cost of fruit growing and management. (In Danish.) Erhvervsfrugtavleren 18: 117-119. Feb.1952. 80 Er3

71637 LEISSNER, C. Statistics of income payments and profits of private enterprises in 1950. (In Swedish.) Sweden. Statis. Centbyrån Statis. Tidskr. (n.s.)1:87-109. Apr.1952. 257.3 St2S
English summary.
Includes agriculture.

71638 MCINNES, D. W. Costs of growing winter wheat in two districts of Yorkshire, 1950—1951. I. Cost up to and including harvesting. Leeds U. Farmers' Rpt. 105,22 p. Feb.1952. 281.9 L51

71639 MCNEIL, D., and STANLEY, F. E. Relative returns to the major farming systems in Union Parish, 1950. La. Rur. Econ. 14(2):2-3,6-7. May 1952. 281.8 L93

71640 MANCHESTER. UNIVERSITY. AGRICULTURAL ECONOMICS DEPT. Costs of milk production on ninety-two farms in north west England, 1950-51 (the National Investigation into the Economics of Milk Production). Manchester. U. Agr. Econ. Dept. B. 66/M17,32 p. Apr.1952. 10 V66

71641 NALSON, J. S., and JONES, R. B. The dairy farmer and the cost of milk production. Gt. Brit. Min. Agr. Agriculture 59:60-65. May 1952. 10 G79J

71642 NALSON, J. S. Milk production in the East Midlands; costs and returns in 1949-50 and 1950-51. Nottingham U. Dept. Agr. Econ. Farm Mgt. Notes 7:10-12. Spring 1952. 281.9 N842

71643 NODLAND, T. R. A study of management factors affecting variations in returns from livestock in southeastern Minnesota. Minn. U. Sum. Ph. D. Theses 5:208-212. 1951. 241.8 M66

71644 O'CONNOR, R. Can you make your farm pay? Agr. Ireland 9:127,129,131. (Cont.) June 1952. 10.5 Ag8

71645 PARVIN, D. W., and TRAMEL, T. E. Winter dairying vs. summer dairying, cheese milk producers North Mississippi. Miss. Agr. Expt. Sta. C. 165,17 p. Nov.1951. 100 M69
Chiefly costs and returns.

71646 PARVIN, D. W., DAVIS, A. C., and TRAMEL, T. E. Winter dairying vs. summer dairying, grade A milk producers, Memphis milkshed. Miss. Agr. Expt. Sta. C. 164,15 p. Nov.1951. 100 M69
Costs and returns.

71647 PRIEBE, E. W., JR., and LOWERY, E. L. What do the figures show? (Condensed.) U. S. Egg & Poultry Mag. 58(6):12-14,28-30,32. June 1952. 286.85 Eg3
Costs and returns in egg and poultry production.

71648 RENZ, F. Buttermarktentlastung durch vollmilchfütterung an schlachtkälber. Allgäuer Bauernbl. 20:224-225. May 2,1952. 18 AL53
Profits to be obtained from feeding milk to calves at the present market price of slaughter cattle, instead of sending it to the dairy.

71649 SEGRE, G. Cost of production of Pinot grapes on a hill farm of Bassa Langa di Alba. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:140-145. Apr.1952. 16 C72

71650 SENIOR, W. S. The financial results of farming in the East Midlands in 1949-50 and 1950-51. Nottingham U. Dept. Agr. Econ. Farm Mgt. Notes 7:4-10. Spring 1952. 281.9 N842

71651 SIMPSON, I. G. Costs and returns from fattening cattle on grass on thirteen Yorkshire farms in 1951. Leeds U. Farmers' Rpt. 104,11 p. Feb.1952. 281.9 L51

71652 SIMPSON, I. G. Rearing cattle for beef by single suckling; a comparison of costs and returns on eight Yorkshire farms in 1951. Leeds. U. Farmers' Rpt. 107,9 p. Apr.1952. 281.9 L51

71653 STOY, O. How much should it cost? (In Swedish.) Erhvervsfrugtavleren 18:60-62. Dec.1951. 80 Er3
Returns on fruit growing in Sweden.

71654 STUYVENBERG, J. H. VAN. Returns on our holdings. (In Dutch.) Fruitteelt 42:366. May 1,1952. 86 N28
Fruit in the Netherlands.

71655 THOMASSET, L. Los costos de la producción pecuaria y el problema económico nacional. Uruguay. Min. de Ganad. y Agr. B. Inform. 413:13-14. Apr.30, 1952. 9.9 G15B
Sheep.

71656 TONKES, J. H. Appraisal of the income of hay farms offered in Friesland by the so-called "grass sale." (In Dutch.) Pacht 12:110-114. Apr.1952. 282.8 P11

71657 TOSATTI, R. M. Economic results of an irrigated Lombardy farm. (In Italian.) B. dell'Agr. 86 (16):1. Apr.18,1952. 16 B87

71658 TREMBLAY, R. H. Does the use of fertilizer pay? N. Y. Agr. Col. Farm Econ. 185:4863-4864. May 1952. 280.8 C812

71659 VARGAS, R. A. Costo de producción de papa, campaña agrícola 1949/50. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(27):19-35. Sept.1951. 9 Ar35

71660 WOERMANN, E. Kostengefüge der milcherzeugung und leistung der futterwirtschaft. Agrarwirtschaft 1:104-109. May 1952. 281.8 Ag826
Germany.

71661 WYNNE, A. J. Milk production in Yorkshire, 1950—1951. Leeds U. Farmers' Rpt. 106,20 p. Mar. 1952. 281.9 L51
Cost and other data.

Land Settlement and Colonization

71662 EL ARRIBO de los colonos italianos. Agr. del Norte 40,i.e.41:261-264. Apr./June 1951. 9.3 So14
Addresses by the Italian Ambassador, the Vice President of the Caja de Colonización Agricola, Prof. Venturelli, and Q. Rossi.
Chile.

71663 CAMARA, N. V. DA. Cooperative colonization. (In Portuguese.) Divulg. Coop. 29:15-18. Mar.1952. 280.28 R47
Brazil.

71664 FOSCHI, M. From Siena to Lanuvio with new owners. (In Italian.) Agricoltura 1(3):42-44. Mar.1952. 16 Ag8226
Land settlement scheme.

71665 KONEMANN, E. Die siedlung eine permanente aufgabe. Bionomica 2:42-43. Dec.1951. 463.8 B52
Germany.

71666 LIE, O. On a study trip to Finland. (In Norwegian.) Norske Myrselsk. Meddel. 50:66-76. Ref. Apr. 1952. 11 N813
Land settlement and colonization in Finland.

71667 OBERLÄNDER, T., and others. Die eingliederung der heimatvertriebenen Landwirte in die westdeutsche Landwirtschaft. Hannover,1952. 104 p. 281.9 Ag862S
P. von Blanckenburg, T. Schapper, and K. F. Weber, joint authors.

71668 PALMER, S. Die eingliederung der heimatvertriebenen landwirte; hat sich das flüchtlingssiedlungsgesetz bewährt? Übersicht 3(4):19-23. Apr.1952. 18 Ub3
Germany.

71669 PIHKALA, K. U. The land settlement programme and its execution. Bank Finland. Mon. B. 26 (3/4):24-31. Mar./Apr.1952. 267.5 B22

71670 SERPIERI, A. Selection. (In Italian.) Mondo Agr. 3(17):1. Apr.27,1952. 16 M74
For land settlement in Italy under the agrarian reform.

71671 SOUTH AUSTRALIA. DEPT. OF LANDS. LAND DEVELOPMENT EXECUTIVE. Progress in land development (non-irrigation) 1951. Adelaide,1951. 9 p. 282.9 So82
Statement prepared by A. R. Callaghan.
Settlement.

Land Tenure

71672 ARDIGO, A., FOCARILE, C., and GIARRIZZO, F. In Maremma, in Apulia and in Sila, a hundred year hope is today a concrete reality. (In Italian.) Agricoltura 1(1):31-35. Jan.1952. 16 Ag8226
Land reform.

71673 BACHMAN, K. L. Changes in scale in commercial farming and their implications. J. Farm Econ. 34:157-172. May 1952. 280.8 J822

71674 BANDINI, M. The work of new owners begins on expropriated lands. (In Italian.) Agricoltura 1(1):27-30. Jan.1952. 16 Ag8226
English summary.
Italian land reform.

71675 BATTISTELLI, E. The agrarian reform and industry. (In Italian.) Mondo Agr. 3(16):3. Apr.20,1952. 16 M74
Italy.

71676 BETETA, M. R. Reforma agraria y desarrollo económico I. Rev. de Econ. 15:118-120. Apr.1952. 280.8 R3293
Mexico.

71677 BOZZINI, F. Council of State and land reform. (In Italian.) Mondo Agr. 3(13):1,5. Mar.30,1952. 16 M74
Italy.

71678 DANNEMANN, R. Landpachtgesetz nach längeren beratungen verabschiedet. Landwirtbl. Weser-Ems 99:411-412. Apr.24,1952. 18 L2345

71679 DAVIS, K. C. Farm lease agreement helps landowner and tenant work together. Farmer-Stockman 55(6):9,23. June 1952. 6 Ok45

71680 DIEGO SAMPER, L. DE. Las mejoras en relación con el contrato de arrendamiento. Saragossa. Cám. Ofic. Sind. Agr. B. Mens. 46:27. Mar.1952. 15 Sa7

71681 DION, J. H. Planning your estate; possible tax advantages of a trust plan. Mont. Farmer-Stockman 39(14):9. Mar.15,1952. 6 M764

71682 DITTRICH, E. Probleme der umsiedlung in Westdeutschland. Inst. f. Raumforsch. Vorträge 2,28 p. 1951? 280.9 B643V

71683 FARNSWORTH, W. C. Arbitration procedure under the Agricultural Holdings Act, 1948. Roy. Inst. Chartered Surveyors. J. 31:761-770. May 1952. 282.9 C38J

71684 FERNANDEZ Y FERNANDEZ, R. Comentarios sobre reforma agraria. Rev. de Econ. 15:113-115,133-136. Apr.1952. 280.8 R3293
Mexico.

71685 HOLMSTROM, S. Index regulation of farm leases. (In Swedish.) Lantmannen 36:439-440,443. May 31,1952. 11 L234
Sweden.

71686 HOUWING, P. A. N. Lease and separation. (In Dutch.) Pacht 12:98-109. Apr.1952. 282.8 P11
Legal aspects in the Netherlands.

71687 HOUWING, P. A. N. Leases and consolidation of holdings. (In Dutch.) Pacht 12:66-73. Mar.1952. 282.8 P11

71688 MANKE, J. Das landpachtgesetz. Deut. Landwirt.-Gesell. Mitt. 67:265-266. Apr.19,1952. 18 N39

71689 MARTENS, A. L'étendue moyenne des pièces de terre par province. Sillon Belge 22(510):9. May 24, 1952. 13 Si3

71690 MEYER. Entwurf des landpachtgesetzes angenommen. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:561-562,603-604. Apr.10-17,1952. 18 L2346

71691 MINOLTS. Abfindung bei umlegungsverfahren. Landwirtbl. Weser-Ems 99:392-393. Apr.17,1952. 18 L2345
Costs.

71692 MITRANY, D. Marx, Stalin, and the peasants. Internatl. Peasant Union. B. 3(4):16-18. 1952. 280.9 In822
Land policy.

71693 MONTAGNE, R. Le droit de reprise: la reprise triennale. Prog. Agr. et Vitic. 137:289-291. (Cont.) May 18/25,1952. 14 P94
France.

71694 MONTAGNE, R. La reprise personnelle: la condition de non propriété ou de non usage. Prog. Agr. et Vitic. 137:270-272. (Cont.) May 4/11,1952. 14 P94
Leases in France.

71695 MUNTINGA, J. E. Leasing has heavily increased in our province. (In Dutch.) Groninger Landbbl. 30(20):1-3. May 15,1952. 12 G892

71696 NICOD, J. Problème de structure agraire en Lorraine. Ann. de Géog. 60:337-348. Nov./Dec.1951. 473 An75
Open field system.

71697 PAGANI, A. Gossip. (In Italian.) Mondo Agr. 3(17):1-2. Apr.27,1952. 16 M74
Italian land reform.

71698 PARLAGRECO, A. L'equo canone nell'affitto dei fondi rustici [Fair rent in the rural lease]. Roma, 1951. 60 p. 281.9 Is7

71699 PETRICEVIC, J. Wesen und aufgaben der agrarreform. Agrarpolit. Rev. 8:351-354. May 1952. 281.8 Ag824

71700 PFEFFER, K. Ist die zukunft Asiens eine agrarfrage? Der fall China im agrarpolitischen lichte. Übersicht 3(3):23-26. Mar.1952. 18 Ub3
Land reform.

71701 PINE, W. H. Some land problems in Turkey. J. Farm Econ. 34:263-267. May 1952. 280.8 J822
Tenure.

71702 PLUYETTE, J. Vers la suppression totale des droits de succession en ligne directe et entre époux. Agr. Prat. 116:249-251. May 1952. 14 J82
France.

71703 POIRÉE, Le remembrement consolide la propriété foncière. Génie Rur. 45:165-166. May 1952. 58.8 Au8

71704 POIRÉE, M. Réorganisation foncière et remembrement de la propriété rurale; technique des opérations. Paris, Eyrolles,1951. 210 p. (Bibliothèque de l'Institut de Topométrie du Conservatoire National des Arts et Métiers) 282 P75

71705 PRÖLS, W. Die arrondierung in Bayern. Diplomlandwirt 2:3-4. Jan.1952. 18 D62

71706 RAE, J. B. The Great Northern's land grant. J. Econ. Hist. 12:140-145. Spring 1952. 277.8 J822

71707 ROBERTS, H. L. What kind of land reform? Foreign Policy B. 31(4):5-7. Ref. Nov.1,1951. 280.9 F76B

71708 ROBINSON, T. C. M. Trend seen to smaller farms and increased diversification. Land [Sydney] 2110: 3. Mar.21,1952. 23 L22

71709 SAINT-QUENTIN. Le remembrement des terres est une étape. Rustica 25:436-437. May 11,1952. 14 R92
France.

71710 SALOMONE, R. The reform of agricultural contracts under Senate examination; lively discussion on the principle of just cause. (In Italian.) Agricoltura 1(2):33-37. Feb.1952. 16 Ag8226
English summary.
Italy.

71711 SCHIETHART, L. J. Land rights. (In Dutch.) Nederland. Heindemaatsch. Tijdschr. 63:120-124. Apr. 1952. 12 N282
On the right to own and have the use of trees along public roads.

71712 SEEHUSEN, A. W. Die neuregelung der verwaltungsgerichtsbarkeit in der britischen zone und ihre auswirkungen auf das umlegungsverfahren. Wasser u. Boden 4:33-36. Feb.1952. 56.8 W28

71713 STUBENRAUCH, W. Im bannkreis der kollektivierung; die landwirtschaft in Ost- und Südosteuropa. Übersicht 3(4):24-29. Apr.1952. 18 Ub3
Land reforms.

71714 TOELLE, J. H. Planning your estate property transfers through joint tenancy with right of survivorship and incorporation. Mont. Farmer-Stockman 39(16):6. Apr.15,1952. 6 M764

71715 TRUJILLO, M. S. Tierra en la República: Guerrero; es floreciente el desarrollo ejidal en esa entidad. Tierra [Mexico] 7:268-270. Apr.1952. 8 T445

71716 TUCCI, M. The reform and the limits to expropriation and indemnification of rural factories. (In Italian.) Mondo Agr. 3(18):1,5. May 4,1952. 16 M74
Italy.

71717 TULESCU, V. N. Zwangsumsiedlung von Banater Schwaben und Rumänen in die Baragan-Steppe. Inst. f. Raumforsch. Inform. 17:143-149. May 3,1952. 280.9 B6431

71718 UNITED NATIONS. DELEGATION FROM GT. BRIT. Law, policy and practice relating to land tenure and utilization in the Trust Territories under British administration. New York?1951. 101 p. (United Nations [Document] T/AC.36/L.10) 282.19 Un3

71719 YAMAGUCHI, T. Land reform in Japan. Far East. Econ. Rev. 12:314-316. Mar.6,1952. 280.8 F223

Land Utilization

71720 BROGGI, J. A. Áreas pérdidas para el cultivo. Peru. Comt. Nac. de Protec. a la Nat. B. 7:24-25. 1950,pub.1951. 279.9 P43
Peru.

71721 EDELMAN, C. H. "Land utilization in tropical areas of Asia and the Far East;" FAO conference at Nuwara Eliya, Ceylon, Sept. 17-29, 1951. (In Dutch.) Landbk. Tijdschr. 64:182-189. (Cont.) Mar.1952. 105.2 Or3

71722 GENDEL'MAN, M. Intra-farm land utilization of collective farms with several inhabited places. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(3):38-46. Mar. 1952. 281.8 So73

71723 ILLINOIS. LEGISLATIVE COUNCIL. County zoning in Illinois. Ill. Leg. Council P. 109,29 p. Apr. 1952. 280.9 IL63

71724 KELSO, M. M. Economic analysis of land use on the western ranges. Amer. Acad. Polit. & Soc. Sci. Ann. 281:135-145. May 1952. 280.9 Am34

71725 MCCLUNG, W. N. Your land: if not apples, what? Mountaineer Grower 22(190):43,45-47. Feb.1952. 80 M86

71726 SCHILLER, O. Krisenerscheinungen der kleinlandwirtschaft. Bad. Landwirt. Wchnbl. 119:281-282. Apr.26,1952. 18 B142
Land utilization.

71727 SWEDEN. LANTMATERISTYRELSEN. Lantmäteri ar 1950 [Land surveying during the year 1950]. Stockholm 1952. 27 p. 325.9 Sw3
Table of contents also in English.

Land Values and Valuation

71728 AMERICAN SOCIETY OF FARM MANAGERS AND RURAL APPRAISERS. APPRAISAL SECT. A preview of the farm appraisal panel meeting. Amer. Soc. Farm Mgr. & Rur. Appraisers J. 16:42-49. Apr.1952. 281.8 Am32
W. G. Murray, chairman; statements by A. W. McArton, D. F. Hubbard, and H. N. Thomas.

71729 BRATTON, C. A. Is now a good time to buy a farm? East. Milk Prod. 29(4):8-9. Apr.1952. 280.28 Sh3

71730 CAVERT, W. L. Some appraisal problems. Amer. Soc. Farm Mgr. & Rur. Appraisers J. 15:157-159. Oct.1951. 281.8 Am32

71731 CROUSE, E. F. Commodity prices and farm land values. Amer. Soc. Farm Mgr. & Rur. Appraisers J. 15:161-164. Oct.1951. 281.8 Am32

71732 DELISLE, R. Un bon placement? Ferme 13(7):21,40. Mar.1952. 7 F38
Costs and returns of a Canadian maple grove as basis of appraisal.

71733 DOANE AGRICULTURAL SERV. Missouri farm facts, including standard appraisal data for 1951 authorized by the American Society of Farm Managers and Rural Appraisers. St.Louis,1951. 34,A-7 p. 282.9 D65

71734 FARM land values; round table for rural appraisers. Amer. Soc. Farm Mgr. & Rur. Appraisers J. 15:157-164. Oct.1951. 281.8 Am32
S. W. Warren, leader.

71735 GROTH, S. Prices and assessed values of farm lands. (In Swedish.) Sweden. Statis. Centbyran Statis. Tidskr. (n.s.)1:30-34. Jan.1952. 257.3 St2S
English summary.

71736 GUSLER, G. The outlook for farm land prices. Nebr. Farmer 94(11):46-47. June 7,1952. 6 N27

71737 MARTENS, A. La géographie n'est pas seule à faire le prix de nos terres et prairies. VI. Sillon Belge 22 (506):1,3. Apr.26,1952. 13 Si3

71738 MARTENS, A. Les petites parcelles se vendent relativement plus cher que les grandes. V. Sillon Belge 22(505):7. Apr.19,1952. 13 Si3

71739 MARTENS, A. Quel intérêt excompter de la location d'un bien rural. Sillon Belge 22(508):8. May 10,1952. 13 Si3

71740 NIESCHULZ, Einheitsbewertung auf der grundlage der bodenschätzung. I-IV. Hannoversche Land- u. Forstwirt. Ztg. 105:447,481,505,528. May 3-24, 1952. 18 H194

71741 NOWELL, R. I. How today's land market looks to lenders. (Excerpts.) Rur. Realtor 4:8. First Q.1952. 282.8 R88

71742 OXFORD UNIVERSITY. AGRICULTURAL ECONOMICS RESEARCH INSTITUTE. Agricultural property market. Westminister Bank Rev. May 1952:18-19. 286.8 W52

71743 PAARLBERG, D. Normal value concept in appraisal work. Amer. Soc. Farm Mgr. & Rur. Appraisers J. 15:159-161. Oct.1951. 281.8 Am32

71744 ROY WENZLICK & CO. Long-term trends in farm land prices. Wenzlick, R., & Co. Agr. B. 21: 199-206. May 20,1952. 282.9 R

71745 SWEET, C. Buying a ranch. West. Horseman 17(6):10,33-34. June 1952. 42.8 W522

POPULATION

71746 ACHAVAL, L. G. Exodo rural. Córdoba. U. Nac. Facul. de Cien. Econ. Rev. 3:3-30. First/Second Q. 1950,pub.1951. 280.8 C813

71747 ANDERSON, A. H. Changes in farm population and rural life in four North Dakota counties. N. Dak. Agr. Expt. Sta. B. 375,38 p. Apr.1952. 100 N813

71748 ARGENTINA. DIRECCIÓN NACIONAL DE SERV. TÉCNICOS. IV censo general de la Nación, 1947: comparación de los resultados del censo de población. Argentina. Dir. Nac. de Serv. Tec. Informe D. 2,30 p. 1951. 255.1 T22
Contains data on rural population.

71749 ARGENTINA. DIRECCIÓN NACIONAL DE SERV. TECNICOS. IV censo general de La Nación, 1947. Resultados generales del censo de población. Argentina. Dir. Nac. de Serv. Tec. Informe D. 1,40 p. 1951. 255.1 T22
Includes figures for rural population.

71750 BRONNEN, H. Gegenstrom zur landflucht? Übersicht 3(3):6-9. Mar.1952. 18 Ub3
Germany.

71751 CANTERBURY CHAMBER OF COMMERCE. The urban drift. Canterbury Chamber Com. B. 328,3 p. Apr.1952. 280.8 C16

71752 CARACTERÍSTICAS demográficas: principales problemas técnicos relaciondados con la aplición de algunos estandares recomendados para el censo de las Américas de 1950. Estadística 10(34):51-79. Mar.1952. 251.8 Es8
English summary.
Includes agricultural population.

71753 EDITOR & Publisher market guide census supplement to 1951 edition and index to market guide maps, final population figures 1950, United States Census by counties and cities. New York,Editor & Pub. Co., 1951. 48 p. 280.328 Ed4

71754 GRANADO DE PABLO, I. Tierra fecunda. Saragossa. Cám. Ofic. Sind. Agr. B. Mens. 45:13-15. Feb.1952. 15 Sa7
On the rural exodus.

71755 HAMILTON, C. H. Population pressure and other factors affecting net rural-urban migration. Social Forces 30:209-215. Dec.1951. 280.8 J823

71756 HAYDEN, C. A. Canada's farm population drops 10 p.c., but urban jumps 32.7 p.c. Country Life [Vernon] 36(5):3. May 1952. 7 C832

71757 HUSAM. Wirtschaftsberatung und landflucht. Nachr. f. Beratung u. Ausbild. in der Landwirt. 5:56-57. (Cont.) May 1952. 18 N11
Germany.

71758 MERENDI, A. Human settlement in the reclamation districts of the South. (In Italian.) Mondo Agr. 3(19):1-2. May 11,1952. 16 M74
Italy.

71759 PANAMA. DIRECCIÓN GENERAL DE ESTADÍSTICA Y DE CENSO. DEPT. DE CENSOS. Quinto censo nacional de población y vivienda, 1950. Boletín informativo,No. 1:Cifras preliminares. Panama,1951. 25 p. 254 P198Q
Includes rural population.

71760 RONCHI, V. Necessity and possibilities of emigration. (In Italian.) Agricoltura 1(2):39-42. Feb. 1952. 16 Ag8226
English summary.
Agricultural population.

71761 SEEDORF, W. Landflucht ist not? Hannoversche Land- u. Forstwirt. Ztg. 105:420. Apr.26,1952. 18 H194

RURAL SOCIAL ORGANIZATION

71762 APPLEWHITE, J. D. Some aspects of society in rural South Carolina in 1850. Nashville?1952. 63 p. 280.077 Ap5
Summary of thesis - Vanderbilt University.

71763 CARVALHO, H. DE. Sociologia de vida rural brasileira; subsídios para o seu estudo [Sociology of Brazilian rural life: aids to its study]. Rio de Janeiro, Distribuidores: Editôra Civilização Brasileira,1951. 396 p. 280.163 C25

71764 FLEMING, J. B., and GREEN, F. H. W. Some relations between country and town in Scotland. Scot. Geog. Mag. 68:2-12. Apr.1952. 472 Sco8

71765 FORTES, M. Social effects of agricultural development in Africa. Colon. Rev. 7:164-165. June 1952. 280.8 C71

71766 GILLIN, J. L., and others. Social problems. Ed. 4. New York,Appleton-Century-Crofts,1952. 496 p. Ref. (Century Social Science Series) 280 G412S
C. G. Dittmer, R. J. Colbert, and N. M. Kastler, joint authors.
Includes social problems of rural life.

71767 HERSKOVITS, M. J. Economic anthropology; a study in comparative economics. Ed. 2, rev. and enl., rewritten. New York,Knopf,1952. 547 p. Ref. 446 H432E
Contains material on agricultural societies, including land tenure.

71768 KITTRELL, F. P. More than daily bread is needed. Rur. Missions 82:1-2. Spring 1952. 281.28 Ag8
Welfare.

71769 LAMBERT, C. J. Sweet Waters: a Chilean farm. London,Chatto & Windus,1952. 212 p. 281.2 L17

71770 MCKAIN, W. C., JR. Should you retire to the country? J. Living 18:17-20. July 1952. 389.8 J822

71771 MIDCENTURY WHITE HOUSE CONFERENCE ON CHILDREN AND YOUTH, WASHINGTON, D. C. 1950. MISSOURI COMMITTEE. Missouri's children and youth at the mid-century. Jefferson City,1951. 95 p. 320.9 M58M
Includes rural services.

71772 PLOVGAARD, K. Observations on living conditions of Italian cooperators. III. The primitive life and work of the mountain farmers. (In Danish.) Andelsbladet 53:518-520. May 22,1952. 280.28 An2

Human Ecology

71773 BONN. INSTITUT FÜR RAUMFORSCHUNG. Bibliographischer index und literaturbericht des Instituts für Raumforschung, v. 1, von E. Beyer und I. Köppe. Bonn,1951. 151 p. 241.3 B643
Contains publications 1945-1950.

71774 DAVIS, D. R. Making rural community surveys. Christian Rur. Fellowship B. 171:1-4. Mar.1952. 281.29 C46

71775 KLAMROTH, H. B. Organisation und rechtliche grundlagen der landesplanung in der Bundesrepublik Deutschland und in Berlin. Inst. f. Raumforsch. Mitt. 16,143 p. Mar.1952. 280.9 B643

71776 LACOURSIERE, H. Les Ilets Jérémie, un peu de "vieille France". Ferme 13(7):17,26. Mar.1952. 7 F38

71777 MÜLLER, G. Raumforschung und umsiedlung. Inst. f. Raumforsch. Vorträge 3,19 p. 1951? 280.9 B643V

71778 MULLINS, C. Untidy villages. Countryman [Burford] 45:357-358. Summer 1952. 281.28 C832
Great Britain.

71779 OST, K. Das deutsche dorf und seine kirche. Übersicht 3(3):10-13. Mar.1952. 18 Ub3

71780 OUELLET, G. Champsneufs connaît une véritable résurrection. Ferme 13(8):23-24,34. Apr.1952. 7 F38

71781 PITKIN, R. S. Ventures in inter-community cooperation. Childhood Educ. 28:313-317. Mar.1952. 320.8 C435
Education and recreation.

71782 RAMAN, A. S. The birth of a community. Survey 88:214-217. May 1952. 280.8 C37
Cooperative community for displaced persons in India.

71783 TENNESSEE VALLEY AGRICULTURAL CORRELATING COMMITTEE. Proceedings, thirty-fifth Valley-States Conference, April 11, 1951. Knoxville, 1951. 92 p. 1.913 C3V24

Institutions

71784 ALBERT, W. Ein neues wissenschaftliches kraftfeld. Zur gründung der Deutschen Akademie der Landwirtschaftswissenschaften. Deut. Agrartech. 1:321-322. Nov.1951. 58.8 D482
Russian Zone.

71785 AMATO, T. D'. Good Finnish people in the culture of Brazilian soil. (In Portuguese.) Sítios e Fazendas 18(4):32-35. Apr.1952. 9.2 Si8

71786 AMERICAN MEDICAL ASSOCIATION. COMMITTEE ON RURAL HEALTH. Sixth national conference on rural health, Peabody Hotel, Memphis, Tennessee, February 23 and 24, 1951. Chicago,1951. 48 p. 449.9 N214

71787 ARBOUR, M. B. Making wider use of mass media in extension work. Washington,U. S. Ext. Serv., 1951. 6 p. 1.913 I2M282

71788 BADEL, C. F. Las "reuniones de productores" como medio de extensión agrícola. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(27): 2-15. Sept.1951. 9 Ar35

71789 BAKER, J. A. The family farmer in politics. Natl. Farm Inst. Proc. 14:93-98. 1952. 4 N219
Includes discussion.

71790 BLANKFEL'D, IU. I., and REVIAKIN, M. Activities [educational and research] of the Centers of Agricultural Culture. (In Russian.) Sovet. Agron. 10(4): 78-82. Apr.1952. 20 So84

71791 BLIZZARD, S. W., JR. Problems in meeting religious needs in the rural-urban fringe. Christian Rur. Fellowship B. 172:1-8. Apr.1952. 281.29 C46

71792 BLUM, R. Die entwicklung der schaffhausertracht. Grüne 80:642-647. June 6,1952. 17 Sch9
Switzerland.

71793 BOGUSLAWSKI, E. VON. Vorschläge zum ausbau des studiums. Diplomlandwirt 1:119-121. Dec. 1951. 18 D62
Germany.

71794 BOND, G. F. A plan for rural medical services. Natl. Conf. Rur. Health. [Annu. Mtg.] 6:39-44. 1951. 449.9 N214
North Carolina.

71795 BRESARD, S. A l'Office du Niger: sélection des moniteurs de culture africains. Cahiers Franç. d'Inform. 205:5-7. June 1,1952. 280.8 C11

71796 BROKAMP, J. Die wirtschaftsberatung und ihre grenzen. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:721-722. May 8,1952. 18 L2346

71797 BRUMFIEL, D. The man who thought of R. F. D. Land 11:29-31. Spring 1952. 279.8 L22
Milton Trusler.

71798 BULMER-THOMAS, I. Our village churches. Field 199:896-897. June 7,1952. 10 F45
Caring for them in Great Britain.

71799 BURTIN, J. La commune, école de vie sociale. Fiches Rur. 81:27-30. June 1952. 281.8 F44
France.

71800 BYRNES, F. Making the best use of bulletins, radio, and television. Washington,U. S. Ext. Serv.,1951. 9 p. 1.913 I2M28
Presented on Dec. 10, 1951, before annual meeting, American Association of Economic Entomologists, Cincinnati.
Dispensing agricultural information.

71801 CALDER, R. Men against disease. Progress [London] 42(234):3-12. Spring 1952. 280.8 P949
Asia.

71802 CARDOZIER, V. R. Appraising the in-service education. Agr. Educ. Mag. 24:270-271. June 1952. 275.8 Ag8
Vocational agriculture.

71803 CARR, MRS. S. Organizing our county council. Natl. Conf. Rur. Health. [Annu. Mtg.] 6:12-13. 1951. 449.9 N214
Kentucky.

71804 CHAVEZ, D. J. Arizona I.O.F. program. Agr. Educ. Mag. 24:282-283. June 1952. 275.8 Ag8
Arizona's Institutional On-The-Farm Training Program.

71805 CHUREKOV, F. P. Center of Agricultural Culture [of Lenin Kolkhoz in Uríupinskii District, Stalingrad Region]. (In Russian.) Dostizheniía Nauk. i Peredovogo Opyta v Sel'sk. Khoz. 1:74-75. Jan.1952. 20 D742
Educational and research institution.

71806 COFFIN, R. F. Whither testing and evaluation? Agr. Educ. Mag. 24:273,281. June 1952. 275.8 Ag8
Vocational agriculture.

71807 COMEAU. Peut-on organiser et faire vivre un jardin d'enfants rural? Mon Village 91:15. May 1952. 14 M743
France.

71808 CORNABY, F. H. Vet training program aids young farmers. Better Farming Methods 24(6):40,42. June 1952. 58.8 B46

71809 COUCH, W., JR. Rural education in Mississippi. J. Negro Educ. 21:226-228. Spring 1952. 275.8 J827

71810 CRABBE, L. F. The Ohio plân of public relations in vocational agriculture. Agr. Educ. Mag. 24:268. June 1952. 275.8 Ag8

71811 CROCKETT, F. S. National rural health program. Natl. Conf. Rur. Health. [Annu. Mtg.] 6:7-9. 1951. 449.9 N214

71812 CRUZ, M. DE LA. Our responsibilities as trained farmers. Plowman 8:349,377. Apr.1952. 276.8 P72
Philippines.

71813 CURRY, F. B. Working together for health. Prog. Farmer, Tex. Ed. 67(6):19,108. June 1952. 6 T311
Financing hospitals in rural Texas.

71814 DELILLE. Betrachtungen zur ausbildung von diplomlandwirten im lehr- und beratungsdienst. Diplomlandwirt 2:50-51. May 1952. 18 D62
Germany.

71815 EMERSON, H. Public health and medical care for community and individual. Natl. Conf. Rur. Health. [Annu. Mtg.] 6:29-31. 1951. 449.9 N214

71816 ERNST, F. Schülerwettbewerb 1952 der nordbadischen landwirtschaftlichen und hauswirtschaftlichen berufsschulen. Nachr. f. Beratung u. Ausbild. in der Landwirt. 5:50-51. May 1952. 18 N11

71817 EVANS, G. E. Ancient sheep crafts in Suffolk. Wool Knowl. 2(5):20-22. Spring 1952. 304.8 W886

71818 FARM FOUNDATION, CHICAGO. Increasing understanding of public problems and policies; a group study of four topics in the field of extension education. Chicago,Natl.Comt.Agr.Policy,1951. 165 p. 275.2 F223

71819 FERRERO, F. Rural inheritance: the typical costumes of our regions. (In Italian.) Agricoltura 1(4): 52-56. Apr.1952. 16 Ag8226

71820 FIELDING, W. L. Training students at Gwebi Agricultural College. Rhodesian Tobacco J. 4(3):93-97. Mar.1952. 69.8 R34

71821 FILENI, E. Farmers and agricultural instruction. (In Italian.) Mondo Agr. 3(14):4. Apr.6,1952. 16 M74
Italy.

71822 FILENI, E. "Non rural" schools for rural people? (In Italian.) Terra e Sole 117:156. May 1952. 16 T273
Italy.

71823 FLETCHER, S. W. Farmer condemnation of the Pennsylvania State College. Pa. Farmer 146:450. May 24,1952. 6 P383

71824 FREY, M. Bauer und landwirtschaftliche fachpresse. (Extr.) Landwirt. Z. der Nord-Rheinprov. 119:445. May 3,1952. 18 L2344

71825 FRIANEZA, J. S. The role played by agricultural graduates in the economic development of the country. Plowman 8:356. Apr.1952. 276.8 P72
Philippines.

71826 FRITZSCHE, H. Der diplomlandwirt und die gewerkschaft. Diplomlandwirt 2:14-15. Feb.1952. 18 D62
Germany.

71827 FRY, H. S. "Then and now"—1874-1951. Agr. Inst. Rev. 7(3):33-34,36,64. May 1952. 7 Ag8
The Ontario Agricultural College.

71828 FURNAS, J. C. We fetched ourselves a medical center. Harper's Mag. 204(1225):54-60. June 1952. 110 H23
Hunterdon County, New Jersey.

71829 GARCÍA MENÉNDEZ, B. Formación agrícola. Cult. Mod. 35:139. Apr.1952. 15 C89
Spain.

71830 GATES, A. D. The meaning of a rural health program. Natl. Conf. Rur. Health. [Annu. Mtg.] 6:10-11. 1951. 449.9 N214

71831 GIACCONE, E. The orphans of agricultural laborers go to school in factories. (In Italian.) Agricoltura 1(2):43-44. Feb.1952. 16 Ag8226
Italy.

71832 GMELIN, W. Ein weites feld für die beratung. Landtechnick 7:259-264. May 15,1952. 58.8 L235
Germany.

71833 GOUVERNEUR, F. La tutelle aux allocations familiales. Fiches Rur. 81:15-20. June 1952. 281.8 F44
France.

71834 GRAMOLINI, M. Mobile agricultural instruction. (In Italian.) Agr. Molisana 3(4):1. Apr.1952. 16 Ag8267

71835 GRAMOLINI, M. Professional instruction. (In Italian.) Agr. Molisana 3(2):1. Feb.1952. 16 Ag8267

71836 GUZMAN F., A. El merodeo: merma de la producción. Rev. de Agr. [San José] 24:135-136. May 1952. 8 Es1
Thefts of crops in Costa Rica.

71837 HARTMANN, E. Meine erfahrungen bei der selbstanfertigung billiger und doch guter lichtbilder für unterricht und beratung. Nachr. f. Beratung u. Ausbild. in der Landwirt. 5:55. May 1952. 18 N11
Germany.

71838 HEIMS, W. Schulsorgen auf dem lande; kein opfer zu gross für die erziehung unserer kinder. Hannoversche Land- u. Forstwirt. Ztg. 105:50. Jan.19, 1952. 18 H194

71839 HENDERSON, E. L. Our way the community way. Natl. Conf. Rur. Health. [Annu. Mtg.] 6:46-47. 1951. 449.9 N214

71840 HILTON, J. H. The farmer's public relations. Certif. Milk 27(5):10-11. May 1952. 44.8 C33

71841 HILTON, J. H. Research and farmer's responsibility. Natl. Farm Inst. Proc. 14:87-92. 1952. 4 N219

71842 HOFFSOMMER, H. The health culture patterns of rural people. Pub. Health Nursing 44:309-314. June 1952. 448.8 P96

71843 HOFSTEE, E. W. Place of the land-grant colleges in agricultural education, the information services and research in the United States. (In Dutch.) Landbk. Tijdschr. 64:189-195. Mar.1952. 105.2 Or3

71844 HUFF, D. This school has a farm. Farmer's Mag. 49(5):20-21,50-51. May 1952. 7 C165
Vocational agriculture in Canada.

71845 HUTCHISON, C. S. Agricultural training helps. Ohio Farmer 209(11):14-15. June 7,1952. 6 Oh3

71846 ILLINOIS. BOARD OF VOCATIONAL EDUCATION. Agricultural education; annual directory 1951-1952. Ill. Bd. Vocat. Educ. B. 131A,18 p. Oct.1951. 275.9 IL62

71847 ILLINOIS. BOARD OF VOCATIONAL EDUCATION. Vocational education; annual report July 1, 1950—June 30,1951. Ill. Bd. Vocat. Educ. B. 130,117 p. Oct.1951. 275.9 IL62
Includes agricultural education.

71848 IMBERT, E. A. Voice of the new gaucho. Américas 4(6):9-11,31. June 1952. 150.9 Am34
In literature.

71849 JANS, F. C. Extension looks at program planning. U. S. Ext. Serv., Ext. Serv. C. 478,12 p. Mar.1952. 1.9 Ex892Esc

71850 JOHNSON, B. E. Indoor play areas for the preschool child. Ariz. Agr. Expt. Sta. Tech. B. 126:155-185. Mar.1952. 100 Ar4

71851 JOINER, J. N. Latin-Americans study farming at U of F. Fla. Grower 60(6):13,15. June 1952. 80 F6622

71852 KOLÎADA, A. A. Unsolved problems. (In Russian.) Sovet. Agron. 10(5):77-79. May 1952. 20 So84
On training technicians.

71853 LERCH, D. Our priceless heritage. Patrons Husb. Natl. Grange. J. Proc. 85:56-58. 1952? 4 N21
Need for a public relations program for farmers.

71854 LEVSEN, E. Standgestaltung; erfahrungen aus der DLG-Ausstellung 1951 in Hamburg. Deut. Molk.-Ztg. 72:891-892. July 13,1951. 44.8 Su2

71855 LIPSCOMB, E. Why wait—let's do it ourselves. Natl. Conf. Rur. Health. [Annu. Mtg.] 6:47-48. 1951. 449.9 N214
Health program.

71856 LITTMANN, H G. Studienreise nach USA zum studium des Extension Service. Germany. Land- u. Hauswirt. Auswertungs-Informdienst. Ber über Ergeb. des Programmes f. Tech. Hilfeleist. 5,40 p. 1951? 280.9 G317

71857 LOUWES, H. D. Our present-day young farmers have a task within and without our borders. (In Dutch.) (Extr.) Zeeuwsch Landbbl. 40(2121):5. May 10, 1952. 12 Z2

71858 LUCAS, W. Lehre und forschung vom menschen auf dem lande. Diplomlandwirt 2:51. May 1952. 18 D62
Germany.

71859 LUCE, D. S. A family doctor speaks up. Natl. Conf. Rur. Health. [Annu. Mtg.] 6:45. 1951. 449.9 N214
Health programs.

71860 MCCLARREN, H. American Institute of Cooperation, youth program. Washington,U. S. Ext. Serv.,1952. 3 p. 1.913 O2Am3
Presented at Inter-Organization Conference on Programs for Older Rural Young People, Jan. 17-18, Washington, D. C.

71861 MCKAY, K. U. The making of a will and the distribution of estates during lifetime. Massey Agr. Col. Sheepfarming Annu. 4:199-210. Nov.1951. 45.9 M385
Includes discussion.

71862 MAIER-BODE, F. W. Meinungsaustausch über berufsausbildung auf internationaler basis. Diplomlandwirt 2:37-38. Apr.1952. 18 D62

71863 MANABI, ECUADOR. CONSORCIO DE CENTROS AGRICOLAS. Informe anual de las labores realizadas durante el año 1.1951, que presenta el presidente de la Institución Señor Gonzalo Centeno Medranda. Consorcio de Cent. Agr. de Manabi. Rev. 12(69):8-18. Jan./Mar.1952. 9.5 M31

71864 MANER, T. Der befähigungsnachweis in der landwirtschaft. Landwirt. Wchnbl. 142:523-524. May 10, 1952. 18 L2338
Education in Germany.

71865 MANETTI, C. The profession of agricultural technician in ancient Rome. (In Italian.) Mondo Agr. 3 (16):3. Apr.20,1952. 16 M74

71866 MARTIN, W. B. The farmers of Bute for sixty years and beyond. Rothesay,Scot.,1951. 88 p. 32 M36

71867 MATELA, A. G. Scope of curriculum of agric. education in the Central Luzon Agric. College. Plowman 8:282-286. Feb./Mar.1952. 276.8 P72

71868 MATSON, G. A., and KOUCKY, R. W. A transfusion program for rural hospitals. Minn. Med. 35:430-433. May 1952. 448.8 M66

71869 MESSERSCHMIDT, H. Paris einmal anders; städtischer massenbesuch auf der landwirtschaftsausstellung. Übersicht 3(4):38-40. Apr.1952. 18 Ub3

71870 MILLER, P. A. 400 small community experiences with health improvement. Natl. Conf. Rur. Health. [Annu. Mtg.] 6:18-24. 1951. 449.9 N214

71871 MINNESOTA STATE AGRICULTURAL SOCIETY. Rules and premium list, ninetieth annual Minnesota State Fair, 1951. St.Paul,1951. 252 p. 4.5 M66

71872 MISNER, E. G. Doctor of philosophy degrees—Cornell; majors in the Department of Agricultural Economics. N. Y. Agr. Col. A. E. 814,11 p. May 1952. 281.9 C81

71873 MORSCHECK, H. Der aufbau des beratungsdienstes im rahmen des ERP-Projektes zur förderung des gartenbaues. Nachr. f. Beratung u. Ausbild. in der Landwirt. 5:49-50. May 1952. 18 N11
Germnay.

71874 MUHM, D. What's become of our rural churches? Iowa Agr. 51:4-6. May 1952. 6 Io9

71875 MÜNZBERG, H. Rückblick und ausblick. Diplomlandwirt 2:1-2. Jan.1952. 18 D62
Germany.

71876 NASH, D. W. Are you superstitious? Country Guide 71(6):10,62-63. June 1952. 7 G76
Superstitions relating to farming in Great Britain.

71877 NEW JERSEY AGRICULTURAL CONVENTION. Citations for distinguished service to New Jersey agriculture, 1952. Trenton,1952. 12.p. 119 N46

71878 NEW YORK. STATE COLLEGE OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. Sabbatical leave report, by F. B. Morris. Ithaca?1952. 11 p. 275.2 N482Sab

71879 OERTZEN-HARDENBERG, M. VON. Vom leben lernen; besuch in einer hessischen dorfschule. Übersicht 3(4):15-18. Apr.1952. 18 Ub3

71880 PACE, H. The farmer in politics. Natl. Farm Inst. Proc. 14:103-104. 1952. 4 N219

71881 PAGET, A. La réforme des droits de succesion. Paysan Franç. 27(413):30. May 1952. 14 P29

71882 PARKER, G. C. Meeting educational needs. Visitor 39(3):1. Apr.1952. 275.8 V822
Agricultural education.

71883 PASCUAL GONZÁLEZ, B. La fiesta de San Antonio Abad en el marco artanense. Balearic Isl. Diputación Prov. B. de Agr. 90:12. Mar.1952. 15 B19

71884 PENNSYLVANIA. STATE COLLEGE. AGRICULTURAL EXTENSION SERV. New Horizons; annual report for 1951. State College,1952? 24 p. 275.29 P382R

71885 PETRICH, K. Aufgaben des "land- und hauswirtschaftlichen Auswertungs- und Informationsdienstes (AID)." Nachr. f. Beratung u. Ausbild. in der Landwirt. 5:52-54. May 1952. 18 N11
Germany.

71886 PETRICH, K. Landwirtschaftliche wissenschaftler helfen der landwirtschaftlichen verwaltung. Diplomlandwirt 1:108-109. Nov.1951. 18 D62
Germany.

71887 PEUCKERT, W. E. Niedersächsischer bauernspiegel. Hannoversche Land- u. Forstwirt. Ztg. 105:148, 150. Feb.16,1952. 18 H194

71888 PHILIPPINES (REPUBLIC). UNIVERSITY. COLLEGE OF AGRICULTURE. Annual report, May 31, 1951. College,1951. 87 p. 276 P532

71889 POE, W. D. Meet Bat Cave's Dr. Bond. Prog. Farmer, Carolinas-Va. Ed. 67(6):19,114. June 1952. 6 P945
Financing a hospital and medical care in North Carolina.

71890 POPENOE, W. Pol el fruto se conoce el arbol. Hacienda 47(5):45-46,82. June 1952. 6 H11
Work of the Escuela Agricola Panamericana.

71891 RAMINELLA, P. Directors and technicians examine the problems of agriculture. (In Italian.) Agricoltura 1(2):45-46. Feb.1952. 16 Ag8226
Discussion of a week's training course held in Italy.

71892 REFARDT, E. Der schulgarten in der landwirtschaftlichen berufsschule. Nachr. f. Beratung u. Ausbild. in der Landwirt. 5:54-55. May 1952. 18 N11
Germany.

71893 REMPT, J. D. Even for the woman in Australia it is often: wait and—manage. (In Dutch.) Plattelands-Post 8(18):3. May 1,1952. 12 P69

71894 RINECKER. Gedanken zur ausbildung der diplomlandwirte. Diplomlandwirt 2:13-14. Feb.1952. 18 D62
Germany.

71895 ROBINSON, H. Check up to pep up. Ark. Agr. Col. Ext. L. 158,6 p.-folder. June 1951. 275.29 Ar4Le

71896 ROGERS, B. E. 1952 rural ministers-of-the year find many ways to serve. Ohio Farmer 209(11):10-11. June 7,1952. 6 Oh3

71897 RÖHM, H. Zusammenarbeit-die einzige lösung! Württemb. Wchnbl. f. Landwirt. 119:406-407. May 3,1952. 18 W96
Youth education.

71898 ROTH, H. Diplomlandwirt und wirtschaftsprüfer. Diplomlandwirt 2:49-50. May 1952. 18 D62
Germany.

71899 RUDRAMURTHY, B. Agricultural education in U. S. A. Mysore Agr. J. 27:100-110. Oct./Dec.1951. 22 M993

71900 SANCHEZ S., J. J. La casa para el maestro. Rev. de Agr. [San José] 24:148-150,152-153. May 1952. 8 Es1
Costa Rica.

71901 SASKATCHEWAN ASSOCIATION OF RURAL MUNICIPALITIES. Report of the proceedings of the forty-seventh annual convention, held at the Bessborough, Saskatoon, Saskatchewan, March 11, 12, 13, and 14, 1952. Saskatoon,1952. 123 p. 281.9 Sa72

71902 SCHILLER, O. Der diplomlandwirt im auswärtigen dienst. Diplomlandwirt 2:2-3. Jan.1952. 18 D62
Germany.

71903 SCHLEWSKI, G. Gedanken zur ausbildung des diplomlandwirts. Diplomlandwirt 1:105-106. Nov. 1951. 18 D62
Germany.

71904 SEMICHASTNYI, V. Collective farm youth in the effort to solve the principal problem in agriculture. (In Russian.) Kolkhoz. Proizvodstvo 12(4):3-5. Apr.1952. 281.8 K83

71905 SEWELL, MRS. C. W. Let's try the American way. Natl. Conf. Rur. Health. [Annu. Mtg.] 6:31-33. 1951. 449.9 N214
Health programs.

71906 SHETTY, K. S. Intensification of Agricultural Extension Service. Madras Agr. J. 39:273-276. Mar. 1952. 22 M262

71907 SLUSHER, H. E. The farmer in politics. Natl. Farm Inst. Proc. 14:98-100. 1952. 4 N219

71908 SLUSHER, H. E. Our State health council at work. Natl. Conf. Rur. Health. [Annu. Mtg.] 6:16-17. 1951. 449.9 N214
Missouri.

71909 SOULTS, M. Our Extension health education project in Iowa. Washington,U. S. Ext. Serv.,1952. 7 p. 1.913 A2Ou73
Address at Seventh National Conference on Rural Health, American Medical Association, Denver, Feb. 28-Mar. 1, 1952.

71910 STEIN, W. VOM. Bauer und buch. Landwirt. Z. der Nord-Rheinprov. 119:428. Apr.26,1952. 18 L2344

71911 SUMMERS, E. La juventud del campo: tesoro más preciado de la patria. Rev. de Agr. [San José] 24: 132-134. May 1952. 8 Es1
Costa Rica.

71912 TOKYO UNIVERSITY OF AGRICULTURAL AND TEXTILE INDUSTRY. Annual report, 1949-1950. (In Japanese.) Tokyo,1951. 50 p. 107.6 T579
English summary.

71913 U. S. DEPT. OF AGRICULTURE. GRADUATE SCHOOL. Schedule of classes, summer session 1952. Washington,1952. 4 p.-folder. 1 Ag854E

71914 U. S. EXTENSION SERV. Report of cooperative extension work in agriculture and home economics, 1951. Washington,1952. 61 p. 1 Ag84

71915 U. S. EXTENSION SERV. Statement of policy of rural youth in Farm Bureau. Approved by the A.F.B.F. Board, Sept. 28, 1951. Washington,1952. 2 p. 1.913 O2St2

71916 U. S. EXTENSION SERV. Statement on Farmers Union youth work. Washington,1952. 4 p. 1.913 O2St22

71917 U. S. EXTENSION SERV. Summary, county agricultural agent work, Illinois, 1950. Washington,1951. 2 p. 1.913 S2Su624

71918 U. S. EXTENSION SERV. Summary, county agricultural agent work, Oklahoma, 1950. Washington, 1951. 2 p. 1.913 S2Su626

71919 U. S. EXTENSION SERV. Summary, 4-H Club work, Illinois, 1950. Washington,1951. 2 p. 1.913 S2Su627

71920 U. S. EXTENSION SERV. The young men and women's program of the Cooperative Extension Service, by W. E. Schmidt. Washington,1952. 10 p. 1.913 O2Y82

71921 VERDEJO, A. Algunos aspectos de las funciones de las agronomías regionales. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(26):36-42. Aug.1951. 9 Ar35
Includes discussion.

71922 WAYMACK, W. W. Farmer in politics. Natl. Farm Inst. Proc. 14:101-103. 1952. 4 N219

71923 WINTERS, R. W. What's the future of the rural school? Mont. Farmer-Stockman 39(14):26-27. Mar.15,1952. 6 M764

71924 WOODIN, R. J. Aspects of the pre-service professional curriculum in agricultural education at the Ohio State University. II. Agr. Educ. Mag. 24:272,274. June 1952. 275.8 Ag8

71925 WRIGHT, G. P. Your 4-H recreation. Ark. Agr. Col. Ext. L. 156,4 p.-folder. June 1951. 275.29 Ar4Le

71926 YANTES, E. K. What our county council has done and is doing. Natl. Conf. Rur. Health. [Annu. Mgt.] 6:14-15. 1951. 449.9 N214
Ohio.

71927 ZHARIKOV, G. K. Toward reorganizing the agronomical services to collective farms. (In Russian.) Sovet. Agron. 10(5):80-81. May 1952. 20 So84
Chiefly on training specialists in agriculture.

Leadership

71928 BALDWIN, F. B., JR. Agricultural leadership awards. Milk Indus. Found. Conv. Proc.(1951)44(1):74-76. 1952. 44.9 In8

Rural Organizations and Movements

71929 ALLENDER, C. M. The Agricultural Bureau of South Australia; suggestions for branch acitivies. So. Austral. Dept. Agr. B. 414,16 p. 23 So84B

71930 ALLGEMEINER VERBAND FUR DAS LANDWIRTSCHAFTLICHE GENOSSENSCHAFTSWESEN IN ÖSTERREICH. Bericht im jahre 1950. Wien,1951. 106 p. 280.29 AL53

71931 ALSTON, C. Responsibilities in agricultural cooperatives. Ark. Agr. Col. Ext. L. 157,4 p.-folder. June 1951. 275.29 Ar4Le

71932 BENFORD, H. All hands pull together in Gadsden [County, Florida]. Prog. Farmer, Ga.-Ala.-Fla. Ed. 67(5):18,156. May 1952. 6 P945G

71933 BOTTINI, E. B. La situación actual del sistema cooperativo agropecuario en la República Argentina y su perspectivas para el futuro. Coopecarril 27(322):34-39. Apr.1952. 280.28 C7862

71934 BRANNAN, C. F. USDA backs sound farmer co-ops. News Farmer Coop. 19(3):4-5. June 1952. 166.2 N47

71935 BRICOUT, G. La coopérative agricole d'approvisionnement de Plessis-Belleville (Oise). Sol 60:7-9. 1951. 14 So4

71936 BROOKS, D. W. Farmer cooperatives have helped bring about agricultural revolution. Natl. Council Farmer Coop. Blue Book 19:5-7. 1952. 280.29 N21

71937 BRÜHLMANN, M. 25 jahre kantonaler bäuerinnenverband Schaffhausen. Grüne 80:625-630. June 6, 1952. 17 Sch9

71938 BURNS, M. Doing many jobs all on their own. Firsthand experience is important part of FFA training at Little River. Kans. Farmer 89(9):8,31. May 3,1952. 6 K13

71939 CÂMARA, A. The 4-H Clubs. (In Portuguese.) Agros [Lisboa] 35:3-31. Jan/Apr.1952. 15.5 Ag82

71940 CASPERS, H. Die bewährung des deutschen genossenschaftsrechts bei zusammenbrüchen. b) Landwirtschaftliche genossenschaften. Z. f. das Gesam. Genossenschw. 2:43-46. 1952. 286.8 Z3

71941 CHAVEZ, F. Mobile center molding co-op leaders for Latin America. News Farmer Coop. 19(3): 3-4,14. June 1952. 166.2 N47

71942 CHRISTIAN, C. F. 4-H dramatizations. The way of the pioneer; cooperations lights and lightens housework. U. S. Farm Credit Admin. C. E-35-A,7 p. Jan.1952. 166.2 C4926
U. S. Extension Service and the American Institute of Cooperation cooperating.

71943 CILLIERS, H. S. The financing of buying centrals. Primary Prod. [Cape Town] 28(9):27. May 2, 1952. 281.8 P93
Union of South Africa.

71944 COADY, M. M. New life and hope grow in Nova Scotia. (In Dutch.) Co-op [Rotterdam] 7:81-84. (Cont.) Apr.1952. 280.28 C7857
The Antigonish movement.

71945 COOK, B. Public relations, good or bad. Colo. Potato Grower 29(11):1,4-5. May 1952. 75.8 P71

71946 COPPENET. Les coopératives agricoles de production dans les pays de démocratie populaire. Agriculture [Paris] 16:121. Apr.1952. 14 Ag823

71947 COURBIERES, T. La C. U. M. A. "La Plaine" à Bram. Sol 61:45-46. 1951. 14 So4
Cooperative organization.

71948 CRUZ B., L. Los clubes 4-S. Rev. de Agr. [San José] 24:101-103. Apr.1952. 8 Es1

71949 DAVIS, J. H. Cooperatives logical solution to problem of integration on farm. Natl. Council Farmer Coop. Blue Book 19:13-14. 1952. 280.29 N21

71950 EMMERLING. Was will die Interessengemeinschaft der Diplomlandwirte/Bodenschätzer? Diplomlandwirt 2:38-39. Apr.1952. 18 D62
Germany.

71951 EROTOKRITOU, C. Co-operation in Holland. Cyprus. Dept. Coop. Co-op. Cyprus 25:11-14. Mar.1952. 280.29 C99C

71952 FANKHAUSER, H. 20 jahre Schweizerischer Landfrauenverband. Grüne 80:618-624. June 6,1952. 17 Sch9

71953 FEDERACIÓN RURAL. El XXXV congreso se llevó a cabo en Salto. Uruguay. Min. de Ganad. y Agr. B. Inform. 412:1,5-10. Apr.24,1952. 9.9 G15B
Report of the congress.

71954 GRIFFIN, N., WEIGANDT, H. N., and GARDNER, K. B. Selecting and electing directors of farmers' cooperatives. U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Misc. Rpt. 161,33 p. Apr.1952. 166.3 M68

71955 GROSS. Die Königliche Landwirtschafts-Gesellschaft. Hannoversche Land- u. Forstwirt. Ztg. 105: 445-446. May 3,1952. 18 H194
History.

71956 HASSELMANN, E. Die internationale genossenschaftsbewegung 1947-1949. Ed. 2. Genossensch. Welt 1,59 p. 1951. 280.28 G28

71957 HASSELMANN, E. Der Internationale Genossenschaftsbund und die genossenschaftsbewegung der freien welt in den jahren 1949 bis 1951. Genossensch. Welt 3,91 p. 1951. 280.28 G28

71958 HENDRICKSON, R. F. Farmers are business partners where co-ops set the pace. Grain Prod. News 4(10):5-8. May 1952. 286.81 G764

71959 HOBIGER, S. Genossenschaft, stärkste waffe im wirtschaftskampf der bauern. Landwirt. Genossenschbl. f. Niederösterr. 49(4):2. Apr.1,1952. 280.28 L23

71960 HOUGH, J. A. Die britische genossenschaftsbewegung in den nachkriegsjahren. Z. f. das Gesam. Genossenschw. 2:51-65. 1952. 286.8 Z3

71961 HUSSEY, F. W. Cooperatives provide means for farmers to solve own problems. Natl. Council Farmer Coop. Blue Book 19:8-10. 1952. 280.29 N21

71962 ILLANES ABBOTT, E. Ecos de la concentración de fuerzas productoras. Agr. del Norte 40,i.e.41: 293-294. July/Sept.1951. 9.3 So14
Activity of the Sociedad Agrícola del Norte in Chile.

71963 IYENGAR, S. K. The co-operative movement and the Indian five-year plan. Indian Co-op. Rev. 17:322-324. Oct./Dec.1951. 280.28 In2

71964 JENIK, L. Agricultural cooperatives in Czechoslovakia. (In Portuguese.) Coop [Bahia] 10 (91/97):2,26. June/Dec.1951. 280.28 C7842

71965 LAGON, F. Farmers' cooperatives have made Denmark prosperous. Agr. & Indus. Life 14(4):12. Apr. 1952. 25 Ag8

71966 LANTRIP, D. S., and RUTLEDGE, L. L. Ideas for your 4-H Club meetings. Ark. Agr. Col. Ext. Misc. P. 34,8 p. Jan.1951. 275.29 Ar4

71967 LIE, S. Recruiting is really important. (In Norwegian.) Skogeieren 39:41. Mar.15,1952. 99.81 Sk5
Participation of youth in farm organization activities.

71968 LOHR, L. Bäuerliche selbsthilfe durch arbeitsgemeinschaft. Kärntner Bauer 102:307-309. May 17,1952. 19 K14

71969 LUBBE, A. M. The ones in the back row complain the most. (In Afrikaans.) Primary Prod. [Cape Town] 28(10):17. May 16,1952. 281.8 P93
Farmer organization in the Union of South Africa.

71970 LUZ FILHO, F. Trip to Bahia. II. (In Portuguese.) Coop [Bahia] 10(91/97):27-30. June/Dec.1951. 280.28 C7842
Cooperatives.

71971 MANSHOLT, S. L. Agricultural cooperation, vital problem of the European community. (In Italian.) Agricoltura 1(1):25-26. Jan.1952. 16 Ag8226

71972 MARCIANO, A. Cooperation in agriculture; its importance and prospects for development in Molise. (In Italian.) Agr. Molisana 3(1):1-2. Jan.1952. 16 Ag8267

71973 MEHTA, V. L. Co-operation and planning. Indian Co-op. Rev. 17:305-307. Oct./Dec.1951. 280.28 In2

71974 MEYER, A. S. Our cooperative movement under the spotlight! (In Afrikaans.) Primary Prod. [Cape Town] 28(9):33,36,40. May 2,1952. 281.8 P93
Union of South Africa.

71975 MIRACLE, I. P. Your are a very important person. Ark. Agr. Col. Ext. L. 165,6 p.-folder. Sept. 1951. 275.29 Ar4Le
4-H personality improvement.

71976 NATIONAL COMMITTEE ON BOYS AND GIRLS CLUB WORK. 1952 national 4-H awards handbook. Chicago,1952? 72 p. 275.28 N214

71977 NATIONAL COUNCIL OF FARMER COOPERATIVES. 1952 blue book, v. 19. Washington,1952. 32 p. 280.29 N21

71978 NATIONALE COOPERATIEVE RAAD. 1951, veertiende jaarverslag [Fourteenth annual report]. 's-Gravenhage?1952. 28 p. 280.29 N216

71979 NEWFOUNDLAND. REGISTRY OF CO-OPERATIVE SOCIETIES. Eleventh annual report of co-operative societies in Newfoundland 1950. St.John's,1951. 25 p. 289.29 N45

71980 NORSK MYRSELSKAP. Annual report and accounts of the Norwegian Heath Society for 1951. (In Norwegian.) Norske Myrselsk. Meddel. 50:37-57. Apr. 1952. 11 N813

71981 NOTES on co-operative development plans for the States of Madras, Bihar, Assam, Mysore, Travancore Cochin, Vindhya Pradesh, Bombay, and United Provinces. Indian Co-op. Rev. 17:341-388. Oct./Dec.1951. 280.28 In2
Notes supplied by the Registrar of Co-operative Societies in each Province.

71982 OHIO. STATE UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Ohio 4-H golden anniversary, 1902 to 1952. Columbus? 1952. 75 p. 275.2 Oh32Ohf

71983 PADOA, G. Mutual requirements in agricultural cooperatives. (In Italian.) Mondo Agr. 3(18):3. May 4,1952. 16 M74
Italy.

71984 PATRONS OF HUSBANDRY. NATIONAL GRANGE. Journal of proceedings, eighty-fifth annual session, Atlantic City, New Jersey, 1951. Baltimore, 1952? 153 p. 4 N21
Includes addresses by H. D. Newsome and C. F. Brannan.

71985 PAULICK, H. Gedanken zur reform des genossenschaftsgesetzes. Münster. U. Inst. f. Genossenschw. Quellen u. Studien 2,105 p. Mar.1951. 280.29 M92

71986 PFISTERER, E. Rückblick auf die winterarbeit. Bad. Landwirt. Wchnbl. 119:317-318. May 10, 1952. 18 B142
Farm organizations.

71987 PFISTERER, E. Rückblick auf die winterarbeit. Württemb. Wchnbl. f. Landwirt. 119:425-426. May 10,1952. 18 W96
Farm organizations.

71988 REBIFFÉ, J. Propos sur les coopératives. Défense Agr. de la Beauce et du Perche 49:249-251. May 17,1952. 14 D36

71989 ROMATIF, F. Les difficultés des dirigeants d'organisations rurales. Fiches Rur. 80:1-8. May 1952. 281.8 F44
France.

71990 ROMATIF, F. Les moyens de travail des dirigeants d'organisations rurales. Fiches Rur. 81:1-4. June 1952. 281.8 F44
France.

71991 ROYAL JERSEY AGRICULTURAL AND HORTICULTURAL SOCIETY. AGRICULTURAL DEPT. Annual report for 1951. n.p.,1951. 140 p. 10 J48

71992 RUDRAMURTHY, B. Student farmers' clubs get started in Mysore. Mysore Agr. J. 27:79-82. Oct./Dec.1951. 22 M993

71993 SAMVIRKENDE SJAELLANDSKE LANDBOFORENINGER. Beretning om virksomheden i de Samvirkende Sjaellandske Landboforeninger i aaret 1951 [Report on the activities of the Cooperative Agricultural Associations in Zealand in the year 1951]. Frederiksberg,1952. 183 p. 11 Z1Be

71994 SCHACK, G. Die werbung im ländlichen genossenschaftswesen: weg und ziel. Neuwied,Raiffeisendruckerei,1951. 97 p. (Deutsche Ländliche Genossenschafts-Bibliothek) 280.2 Sch12

71995 SCHILL, L. Einer für alle--alle für einen! Bauern-Ztg. 5(21):1-2. May 23,1952. 18 B324
Cooperatives.

71996 SCHOBEL, A. Freiheit und ordnung durch die genossenschaft. Landwirtschaft 9/10:137-138. May 1952. 19 L235
Austria.

71997 SCHWEIZERISCHER BAUERNVERBAND. Cinquante-quatrième rapport annuel, 1951. Sec. des Paysans Suisses. P. 149,140 p. 1952. 17 Se2
Includes report of the Schweizerisches Bauernsekretariat.

71998 SEIFER. Der genossenschaftsgedanke in unaufhaltsamem vormarsch. Bad. Landwirt. Wchnbl. 119:349-350. May 24,1952. 18 B142

71999 SERAPHIM, H. J. Vom wesen der genossenschaften und ihre steuerliche behandlung. Neuwied am Rhein,1951. 250 p. 280.29 M92
H. Fischer, F. Klein, and H. Westermann, joint authors.

72000 SERAPHIM, P. H. Das genossenschaftswesen in Osteuropa. Neuwied am Rhein,1951. 176 p. 280.29 M92

72001 SINGH, B. Agricultural co-operation in planning. Indian Co-op. Rev. 17:325-331. Oct./Dec.1951. 280.28 In2

72002 SOCIEDAD AGRICOLA DEL NORTE. Memoria correspondiente al periodo julio 1950 a julio 1951, que se presenta a la consideración de la Asamblea General de Socios de la Institución. Agr. del Norte 40, i.e.41:265-273. Apr./June 1951. 9.3 So14

72003 STRÖBELE. Durch die falsche brille gesehen. Württemb. Wchnbl. f. Landwirt. 119:445-446. May 17, 1952. 18 W96
Organization.

72004 SUBRAHMANYAM, K. Co-operation and rural uplift. Madras J. Co-op. 43:449-456. Mar.1952. 280.28 M26

72005 TAMBUYZER, C. La coopération dans le monde agricole. Rev. de l'Agr. 5:114-120. Feb.1952. 13 R322
English summary.
Belgium.

72006 U. S. EXTENSION SERV. Committees and special assignments, twenty-second National 4-H Club Camp, June 18-25, 1952. Washington,1952. 45 p. 1.913 F3C73

72007 U. S. EXTENSION SERV. Factors which contribute toward successful 4-H club work in counties and communities, 12 Southern States and Puerto Rico, by L. K. Sabrosky. Washington,1952. 41 p. 1.913 S2F115

72008 VILLIERS, P. R. DE. Education and capital in cooperatives. (In Afrikaans.) Primary Prod. [Cape Town] 28(9):29. May 2,1952. 281.8 P93
Union of South Africa.

72009 WEIPPERT, G. Genossenschaften--mitgestalter schwedischer wirtschaftspolitik. Z. f. das Gesam. Genossenschw. 2:16-40. 1952. 286.8 Z3

72010 WESTFALISCH-LIPPISCHER LANDWIRTSCHAFTSVERBAND. Tätigkeitsbericht für das jahr 1951. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 687-690,699-700. May 1,1952. 18 L2346

72011 WIETING, C. M. Local councils help set co-op course. Grain Prod. News 4(10):13-14. May 1952. 286.81 G764

72012 WIRZ, L. Genossenschaften vor neuen aufgaben. Landwirt. Z. der Nord-Rheinprov. 119:473. May 10,1952. 18 L2344

72013 ZENONOS, L. Co-operation in Pano-Zodhia. Cyprus. Dept. Coop. Co-op. Cyprus 25:14-16. Mar. 1952. 280.29 C99C

RURAL SOCIAL PSYCHOLOGY

72014 ALPERT, H. Opinion and attitude surveys in the U. S. Government. Pub. Opinion Q. 16:33-41. Spring 1952. 280.8 P962
Includes surveys of the Department of Agriculture.

72015 JUSCAFRESA, B. Los antagonismos entre la ciudad y el campo. Ceres [Valladolid] 17(190):19,21,23. Apr.1,1952. 15 C33
Spain.

72016 MIRACLE, I. P. Family togetherness. Ark. Agr. Col. Ext. L. 159,4 p.-folder. June 1951. 275.29 Ar4Le

72017 MONTEIRO, M. Rationalization and socialization of agriculture. (In Portuguese.) Sitios e Fazendas 18(4):9-10. Apr.1952. 9.2 Si8
Attitude of the Brazilian farmer and policy required.

72018 STYCOS, J. M. Patterns of communication in a rural Greek village. Pub. Opinion Q. 16:59-70. Spring 1952. 280.8 P962

72019 U. S. EXTENSION SERV. Parent and family life education: a list of extension publications. Washington,1952. 21 p. 1.913 P2P212

TRADE, FOREIGN AND INTERNATIONAL

72020 ALLMENDINGER, W., and FUQUA, C. Exports alone cannot erase surplus. A review of postwar export markets for dried fruit. West. Fruit Grower 6(6): 12,14. June 1952. 95.8 G762

72021 ALVAREZ AYBAR, A. Los acuerdos internacionales y el azúcar dominicano. Dominican Repub. Sec. de Estado de Econ. y Com. Rev. 20:14-17. Jan./Feb.1952. 280.9 D712

72022 ARNIM, W. VON. Probleme des dänischen aussenhandels mit agrarprodukten. Agrarwirtschaft 1: 116-118. May 1952. 281.8 Ag826

72023 AZEVEDO, R. DE. Exports of citrus. (In Portuguese.) Gaz. do Agr. 4:61-62. Mar.1952. 24 G25
Mozambique.

72024 BARRIO, M. DEL. 770.000 toneladas de cacao se producen en el mundo. ICA; Indus. y Com. de la Aliment. 7(76):17-20. (Concl.) Mar.1952. 286.8 Ic1
Trade statistics.

72025 BLAKE, R. W. Australia's agricultural exports decline. Foreign Trade 11:635-638. May 24,1952. 286.8 C162

72026 BOALS, G. P. Horizons for American flour exports. Sowest. Miller 31(11):38A-38B,56-57. May 13, 1952. 298.8 So82

72027 BOALS, G. P. New horizons for flour exports. Mod. Miller & Bakers News 79(11):24-25. May 24,1952. 298.8 M72

72028 BRAZIL. SERV. DE ESTATÍSTICA ECONÔMICA E FINANCEIRA. Comércio de cabotagem do Brasil 1947-1948 [Shipping trade of Brazil, 1947-1948]. Rio de Janeiro,1952. 146 p. 255.3 Es84Ca

72029 BRAZIL. SERV. DE ESTATÍSTICA ECONÔMICA E FINANCEIRA. Comércio exterior do Brasil por mercadorias, v. 1, 1948-1949 [Foreign trade of Brazil by commodities, v. 1, 1948-1949]. Rio de Janeiro,1952. 80 p. 255.3 F292

72030 BRITISH COLUMBIA. DEPT. OF TRADE AND INDUSTRY. BUR. OF ECONOMICS AND STATISTICS. Preliminary statement of external trade through British Columbia customs ports for the calendar year 1951. Victoria,1951. 146 p. 286.9 B772P

72031 BURMA CHAMBER OF COMMERCE. Chairman's review of the year 1951-52. Burma Com. 3:161-169,171,173. Mar.7,1952. 286.8 B923
Includes trade and the lumber industry.

72032 CASTRO NUNEZ, J. A. DE. Régimen arancelario mundial de los aceitas comestibles vegetales. B. de Oleicult. Internatl. 2(6):9-40. Jan./Feb.1952. 307.8 B63
English summary, p. 92.

72033 CHUTTER, R. F. Taiwan foreign trade development. Chin.-Amer. Econ. Coop. 1(3):42-44. Mar. 1952. 173.2 M98C
Includes trade in agricultural products.

72034 COMMERCIAL EXCHANGE OF PHILADELPHIA. Ninety-eighth annual report, nineteen hundred and fifty-two. Philadelphia,1952. 23 p. 287 P533
Contains statistics of grain and flour trade through the Port of Philadelphia.

72035 CRITCHLEY, C. E. U. K. food import position. Austral. Dept. Com. & Agr. Overseas Trading 4(12):23-24. Mar.1952. 286.9 Au7

72036 D'EWART, W. A. Our foreign policy and our farm policy. Natl. Wool Grower 42(6):20-22,37,39. June 1952. 45.8 N21N
Proposed "parity-tariff."
Includes discussion.

72037 DOMINICAN REPUBLIC. DIRECCIÓN GENERAL DE ESTADÍSTICA. Exportación y resumen del año 1951. Export. de la Repúb. Dominicana, B. 20:205-281. Oct./Dec.1951. 254.8 D7192Ea

72038 EBELER, G. Importware für den Grossmarkt Hannover. Früchte u. Gemüse Markt 3(52):11-12. Dec. 29,1951. 286.83 F9425

72039 ENCINA, S. La exportación de productos textiles españoles. Sp.-Amer. Trade 30:11,13-14. Jan./Feb.1952. 287 Am3S

72040 FRAENKEL, M. Le commerce mondial des produits de laine manufacturés depuis 1913. (In Dutch.) Econ. Statis. Ber. 37:392-395. May 21,1952. 280.8 Ec722
French summary, p. 387.

72041 FRY, H. S. Does Canada need a wheat agreement? Country Guide 71(6):7,66-67. June 1952. 7 G76

72042 GERMANY. FEDERAL REPUBLIC (1949-). STATISTISCHES BUNDESAMT. Der aussenhandel der Bundesrepublik Deutschland. Teil 2, Der spezialhandel nach waren im.jahre 1951. Stuttgart,1952. 216 p. 265 St2A

72043 GONZÁLEZ RUIZ, L. La exportación de aceite de oliva. B. de Oleicult. Internatl. 2(6):41-46. Jan./Feb. 1952. 307.8 B63
English summary, p. 92-93.

72044 HEYMAN, E. Queensland pineapples; new plant opened for export trade to Britain. Quick Freezing 4:200-202. July 1951. 295.8 Q4
Frozen.

72045 HORLACHER, M. Wieder muss sich die landwirtschaft ihrer haut wehren. Landwirt. Wchnbl. 142:521-522. May 10,1952. 18 L2338
Trade and the tariff in Germany.

72046 INDONESIA. KANTOR PUSAT STATISTIK. Pertanian tanam2an ekspor, De landbouw export gewassen [Export of agricultural products]. Djakarta,1952. 50 p. 272 Ea7L
Contains text in English.

72047 INTERNATIONAL COTTON ADVISORY COMMITTEE. Historical compilation of export taxes on cotton. Washington,1952. 4 p. 285.372 In8

72048 ISRAEL. MINISTRY OF FINANCE. STATISTICAL SERV. Foreign trade of Israel during the year 1951, compiled by N. Slavny. Jerusalem,1952. 14 p. 269.8 Is72

72049 JUGOSLAWIEN als pflaumenexportland. Chamber Com. Yugoslavia Com. Inform. 12:7-11. 1951. 287 Y9

72050 DER JUGOSLAWISCHE tabakeport. Chamber. Com. Yugoslavia Com. Inform. 12:17-27. 1951. 287 Y9

72051 KOCH, E. Wer soll das bezahlen?! Obst u. Gemüse 4:85-86. Feb.7,1952. 286.83 Ob72
Trade in Germany.

72052 LECONTE. Rapport sur l'extension aux produits importés de critérés de qualité et d'emballages en conformité avec les normes métropolitaines et nord-africaines. Inform. Marocaine 591:3. May 10,1952. 281.8 In3
Fruit and vegetables.

72053 LEWIS, W. A. World production, prices and trade, 1870-1960. Manchester Sch. Econ. & Social Studies 20:105-138. May 1952. 280.8 M313
Includes trade figures for agricultural products.

72054 LOUIS-DELAMARE, J. Coffee imports into Europe during 1951 were close to level of year before. Coffee & Tea Indus. 75(6):53. June 1952. 389.8 Sp4

72055 MACKLIN, H. P. Thinking of importing some pigeons? Amer. Pigeon J. 41:165-167. June 1952. 47.8 Am35

72056 MACOLA, P. Unjustifiable protection: the United States and limitations on cheese imports. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(44):8-9. May 28,1952. 281.8 Ag3

72057 MELTEN, E. Ausländische früchte und gemüse auf dem grossmarkt Duisburg. Früchte u. Gemüse Markt 4:524-525. Apr.25,1952. 286.83 F9425

72058 MONTES ORTEGA, M. La intervención del mercado de divisas. Siembra [Madrid] 8(2):8-9. Feb. 1952. 15 Si1

72059 MÜLLER, O. Die kasekonvention von Stresa geht der berwirklichung entgegen. Schweiz. Milchztg. 78:267-268. May 16,1952. 44.8 Sch92

72060 MÜLLER, O. Werden die amerikanischen käseimportrestriktionen am 1. juli augehoben werden? Schweiz. Milchztg. 78:295. June 4,1952. 44.8 Sch92

72061 NYASALAND PROTECTORATE. CUSTOMS DEPT. Annual report on the trade of the Protectorate for the year ended 31st December, 1951. Zomba,1952. 83 p. 270 N983

72062 PAGES. Le commerce extérieur des vins, eaux-de-vie et liqueurs en 1951. France. Min. de l'Agr. Rev. Inform. Econ. et Statis. 70:117-119. May 1952. 281.8 F84

72063 PERSSON, W. Fruit marketing. (In Danish.) Erhvervsfrugtavleren 18:137-143. Mar.1952. 80 Er3
Quality and trade.

72064 PYNAERT, L. Les exportations de fruits du Congo Belge. Rev. Internatl. des Prod. Colon. 27:75,77, 79. Apr.1952. 286.8 R326

72065 RAVNHOLT, H. The export of Danish Emmenthal cheese. (In Danish.) Nord. Mejeri-Tidsskr. 18:54-55. 1952. 44.8 N752
English summary.

72066 ROGGE, K. Deutschland und die Internationalen Zuckerabkommen. Zucker 5:110-116. Mar.15,1952. 65.8 Z82

72067 SHIELDS, R. H. Prospects for revising the International Sugar Agreement. Calif. Beet Growers Assoc. B. 1950:16-17,19. 66.9 C12

72068 SONNEMANN, T. Zwischenbilanz. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:639-640. Apr. 24,1952. 18 L2346
Trade.

72069 STEIN, E. Obst im export der USA. Früchte u. Gemuse Markt 4:582-583. May 2,1952. 286.83 F9425

72070 STOCKHOLM. KONJUNKTURINSTITUTET. Konjunkturläget varen 1952 [Economic outlook spring 1952]. Konjunkturinst. Meddel. Ser. A 21,199 p. 1952. 280.9 St6M
English summary.
Includes foreign trade and agricultural production in Sweden.

72071 TOLSTOY, N. Sweden's foreign trade in foodstuffs in 1951. (In Swedish.) Jordbrekon. Meddel. 14:91-110. Mar.1952. 257.3 J76
English summary.

72072 TORRES, J. DI P., and MACHADO, P. M. Pequeno glossário de têrmos empregados na exportação dos produtos agropecuários [Small glossary of terms used in the export of agricultural products]. Rio de Janeiro,Ministério da Agricultura,Serviço de Informação Agrícola,1951. 39 p. (S.I.A.770) 286 T63

72073 TUCHTFELDT, E. Ein jahr internationale rohstoffkontrolle. Verbraucher 6:171-172. Apr.12,1952. 280.28 K833

72074 TURKEY. OFF. CENTRAL DE STATISTIQUE. Diş ticaret yillik istatistik 1951 ve 1951 aralik ayi. 1. Özel ticaret maddeler ve memleketler itibarile ithalât ve ihracat. Statistique annuelle du commerce extérieur 1951 et statistique mensuelle de decembre 1951. 1. Commerce special; importations et exportations par nature des marchandises et par pays. Ankara,1951. 230 p. 269.9 St2Ca

72075 TYSSER, H. F. South Africa somberly disposed; the future of its citrus exports. (In Afrikaans.) Vakbl. v. de Groothandel in Aardappelen, Groenten en Fruit 6(21):15. May 23,1952. 286.28 V22

72076 U. S. BUR. OF THE CENSUS. United States imports of merchandise for consumption, commodity by country of origin, calendar year 1951. Washington,1952. 180 p. (Report FT110) 157.41 Un353
Includes agricultural products.

72077 U. S. TARIFF COMMISSION. Tree nuts; report to the President under section 22 of the Agricultural Adjustment Act as amended, and Proclamation by the President. Washington,1951. 40 p. 173 T17Tre

72078 VANDERWAEREN, R. Are cauliflowers the latest horticultural export product in Mechelen? (In Flemish.) Tuinbouwberichten 16:68-69,76. May 15,1952. 80 T817

72079 VENEZUELA. MINISTERIO DE FOMENTO. DIRECCIÓN GENERAL DE ESTADÍSTICA Y CENSOS NACIONALES. Estadística mercantil y marítima, 1948. Caracas,1952. 880 p. 255.9 H11E

72080 VIALATTE. Exportation des moutons du Maroc Oriental. Terre Marocaine 26:128-129. Apr. 1952. 24 T44

72081 WHITE, H. Sweden's trade with Great Britain. (In Swedish.) Sweden. Komkol. Kom. Meddel. 39:197-206. Apr.1952. 257.3 K832K
Includes farm and forest products.

72082 WORMS, P. Les importations de crops gras de la France métropolitaine en 1951. Oléagineux 7:351-357. June 1952. 77.8 OL2

FOOD AND HUMAN NUTRITION

Publications of the U. S. Department of Agriculture State Agricultural Experiment Stations, and State Agricultural Extension Services on cookery and other subjects not ordinarily covered in the Bibliography of Agriculture will be included in this list.

GENERAL

72083 ANDREA, S. D'. Social and human problem: nutrition. (In Italian.) Agricoltura 1(3):25-27. Mar. 1952. 16 Ag8226

72084 CALVER, H. N. Combined conference on administrative and scientific aspects of food in civil defense. Amer. Dietet. Assoc. J. 28:539-540,542. June 1952. 389.8 Am34

72085 CAMPBELL, R. Nutrition and health series—fat soluble vitamins and fat. Food & Nutr. News 23(8):3. May 1952. 389.8 F7332

72086 CERVI, V. A new subject on the schoolboy's program: nutrition. (In Italian.) Agricoltura 1(3):28-30. Mar.1952. 16 Ag8226

72087 CROSSE, V. M. The feeding of premature infants. Brit. J. Nutr. 6:230-234. Ref. 1952. 389.8 B773

72088 DOMINICAN REPUBLIC. SECRETARIA DE ESTADO DE AGRICULTURA, PECUARIA Y COLONIZACION. Almanaque agrícola de la República Dominicana para el año 1952. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Almanaque Agr. de la Repúb. 1952,80 p. 8 D714

72089 EDER, J. Should consumption or production be adjusted? (In Swedish.) Mjölkpropagandan 29:83-84. Mar.1952. 44.8 M692
Human nutrition.

72090 EPPRIGHT, E., RODERUCK, C., and HATHAWAY, M. Nutritional status of Iowa school children. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:442. Mar.1952. 442.9 F31P

72091 FEDERICI, M. The assizes of nutrition. (In Italian.) Alimentazione 1:31-32. Dec.1951. 389.8 AL45

72092 GIANNELLI, S. Next to the school bag of each child, a tepid glass of milk. (In Italian.) Agricoltura 1(2):26-28. Feb.1952. 16 Ag8226
Italy.

72093 GOODHART, R. S. Thought for food; an expert points out some palatable truths about nutrition—and debunks many fancy misconceptions. United Nations World 6(6):39-41. June 1952. 280.8 Un384

72094 GRAHAM, S. General principles of infant feeding. Brit. J. Nutr. 6:207-210. 1952. 389.8 B773

72095 GRANDEL, F. Keimdiät als zusatznahrung und heilkost. Bionomica 2:11-12. 1951. 463.8 B52

72096 GT. BRIT. MINISTRY OF FOOD. The urban working-class household diet, 1940 to 1949; first report of the National Food Survey Committee. London,1951. 114 p. 389.9 G798

72097 GREENWALD, I. Iodine in [human] nutrition. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:445. Mar.1952. 442.9 F31P

72098 GUNTHER, M. Composition of human milk and factors affecting it. Brit. J. Nutr. 6:215-220. Ref. 1952. 389.8 B773
Infant nutrition.

72099 HARTOG, C. DEN, and BROEKEMA, G. A. H. Food in a number of institutions in the Netherlands. (In Dutch.) Voeding 13:141-151. Apr.15,1952. 389.8 V85
English summary.

72100 KLATZMANN, J. Quelques aspects économiques de l'utilité des enquêtes alimentaires. Ann. de la Nutr. et de l'Aliment. 6:121-126. 1952. 389.8 An73
Nutritional surveys.

72101 LAURINSICH, A. Weaning of the healthy infant. (In Italian.) Alimentazione 1:47-48. Dec.1951. 389.8 AL45

72102 LIFQUIST, R. C. Nutritional accounting in planning food for institutions. Amer. Dietet. Assoc. J. 28:509-514. June 1952. 389.8 Am34

72103 LINDSTEDT, H. Diet and health of the Masai and Kikuyu tribes (some further comments). Veg. Messenger & Health Rev. (ser.9)49:76-79. May/June 1952. 389.8 V522

72104 MCCAY, C. M. Bread, milk and sunshiners. Noeast. Dairy Conf. Annu. Rpt. 17:25-31. 1952. 44.9 N818
Milk in the nutrition of the aged.

72105 MCCOLLUM, E. V. Early experiences with vitamin A—a retrospect. Nutr. Rev. 10:161-163. June 1952. 389.8 N953
Vitamins in human nutrition.

72106 MCCOY, R. H. Some nutritional developments of 1951. Nutr. Observ. 13:34-42. Apr.1952. 389.8 N955

72107 MILLER, C. D., BAUER, A., and DENNING, H. Taro as a source of thiamine, riboflavin, and niacin. Amer. Dietet. Assoc. J. 28:435-438. Ref. May 1952. 389.8 Am34

72108 MOSSEL, D. A. A., and TOLLENAAR, F. D. Food and nutrition. XIV. (In Dutch.) Voeding 13:156-164. Apr.15,1952. 389.8 V85
English summary.
Survey of nutrition given at a course at Cambridge.

72109 NEALE, A. V. Difficulties of infant feeding. Brit. J. Nutr. 6:224-229. 1952. 389.8 B773

72110 NILES, E. H. Advances in nutrition—III. Ind. Pharmacist 34:147. May 1952. 396.8 In32

72111 OTT, E. Die zahnkaries—eine mangelkrankheit. Chem.-Ztg. 76:343-344. May 25,1952. 384 C427

72112 PAPI, G. U. F. A. O. for the nutrition of peoples. (In Italian.) Alimentazione 1:25-28. Dec.1951. 389.8 AL45

72113 PETT, L. B. Development of anemia on Newfoundland enriched flour. (Abs.) Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:453. Mar.1952. 442.9 F31P

72114 RAGAZZI, C. A. Health and social aspects of the Italian nutrition problem. (In Italian.) Alimentazione 1:46. Dec.1951. 389.8 AL45

72115 REUSS, A. Die richtige ernährung des kindes. Z. f. Lebensmtlprod. 5(3):4-6. Mar.1952. 389.8 Z34

72116 RHODES, K. Some observations on the diet of Jamaican children, with particular reference to liver disease. Brit. J. Nutr. 6:198-206. Ref. 1952. 389.8 B773

72117 ROWNTREE, J. I. Nutrition education at the grade school level. Nutr. Observ. 13:29-33. Apr.1952. 389.8 N955

72118 SANCHEZ RCIG, M. Nuevas fuentes de alimentación rural. Almanaque Agr. Nac. 1952:239-243. 8 AL64
Fish culture as a source of protein in the Cuban diet.

72119 SANDERSON-WELLS, T. H. Food deficiency diseases. New Health 27(2):29-32. Summer 1952. 449.8 N45

72120 SPALDING, W. Proverbs on nutrition. (In Portuguese.) Vida Rur. e Econ., Jan./Feb.1952:11-12,15. 9.2 V662
Brazil.

72121 WALLER, H. K. The importance of breast feeding. Brit. J. Nutr. 6:210-215. 1952. 389.8 B773
For infants.

72122 WOODS, E., and PORTER, K. Tooth decay studied as phase of food-health project. Idaho Agr. Col. Idaho. Agr. Sci. 36(4):6. Fourth Q.1951. 276 Id13N

72123 WYNNE-TYSON, E. Approaches to vegetarianism. Veg. Messenger & Health Rev. (ser.9)49:79-81. May/June 1952. 389.8 V522

72124 ZAMBRANO, C. Even austerity can raise the standard of nutrition. (In Italian.) Alimentazione 1:18-24. Dec.1951. 389.8 AL45
In Great Britain.

FOOD HABITS

72125 DALMASSO, G. An investigation into the habits of Italians in regard to wine consumption. (In Italian.) Colt. e Glor. Vinic. Ital. (n.s.)98:133-134. Apr. 1952. 16 C72

72126 HILL, C. Food and fads. Roy. Soc. Arts. J. 100:181-189. Jan.25,1952. 501 L847J

NUTRITIVE AND VITAMIN CONTENT

72127 BAGLIONI, S. Olive oil: nutritive value and physiological qualities. (In Italian.) Oleario 1(2):3-4. Sept.15,1951. 94.7 OL2

72128 CHARLES, V. R., and VAN DUYNE, F. O. Comparison of fresh, frozen concentrated, canned concentrated, and canned orange juice. Amer. Dietet. Assoc. J. 28:534-538. June 1952. 389.8 Am34
Nutritive value.

72129 COOKE, F. C. The coconut palm as a source of food. Ceylon Coconut Q. 2:153-156. Oct. /Dec.1951. 77.8 C33
Coconuts in human and animal nutrition.

72130 DAMODARAN, M. The nutritive value of vanaspati. (Abs.) Oils & Oilseeds J. 4(9/10):30. Mar./Apr.1952. 307.8 Oi54

72131 DEKKER, L. P. VAN DER M., and ENGEL, C. The vitamin A, B_1, B_2, and C content of bottled sterilized milk during storage under various conditions. (In Dutch.) Voeding 13:152-155. Apr.15,1952. 389.8 V85
English summary.

72132 DICKINS, D., and SHEETS, O. Cereal enrichment and diets of farm sharecropper families. J. Home Econ. 44:433-436. June 1952. 321.8 J82
Mississippi.

72133 FERRAGUTI, M. Calculations on weight should be reduced. (In Italian.) Alimentazione 1:42-45. Dec. 1951. 389.8 AL45
Nutritive value of food in relation to cost.

72134 FLACCOMIO, E. Parsley, source of vitamins. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(37): 10. May 3,1952. 281.8 Ag3

72135 GROUT, R. A. Sports College, a honey of a project. Amer. Bee J. 92:250-251. June 1952. 424.8 Am3
Nutritive value of honey.

72136 HÖLSCHER, F. Rechtslage bei vitaminisierung um die rechtsgültigkeit der vitaminverordnung. Z. f. Lebensmtlprod. 5(3):18-20. Mar.1952. 389.8 Z34

72137 KNORR, F. Vitamine in der brauerei. Brauwissenschaft 4:70-71. Apr.1952. 390.8 B733
English summary.
Losses or increase during the brewing process.

72138 LAL, B. M., and RAJAGOPALAN, R. Studies on a cheap supplementary food of high nutritive value. Sci. & Cult. 17:440-441. Apr.1952. 475 Sci24
India.

72139 LÜCK, H. Joghurt mit vitamin-C-zusatz. Milchwissenschaft 7:145-147. May 1952. 44.8 M5933

72140 NERI, A. Fortified butter. (In Italian.) Latte 26:222-223. May 1952. 44.8 L35

72141 PAUL, T. M., RAO, V. R. B., and ANANTA-KRISHNAN, C. P. The digestibility of various oils and fats. Indian J. Vet. Sci. & Anim. Husb. 21:1-11. Ref. Mar.1951. 41.8 In22

72142 PIERANGELI, E., and ROTHMAN, B. Valor nutritivo de las carnes enfriadas y congeladas. Argentina. Inst. Nac. de la Nutr. P. Cient. CNP32,16 p. Ref. 1952. 389.9 Ar3P

72143 RIEDEL, W. C. Fluid milk products: fortified skim. Milk Indus. Found. Conv. Proc. (1951) 44(6):48-51. 1952. 44.9 In8

72144 SALLER, K. Biolog. nahrungswert, ernährungsphysiologie u. heilfaktor. Bionomica 2:19-23. 1951. 463.8 B52

72145 SCHMIDT, M. Die ursache der anämie bei säuglingen nach dem genuss von ziegenmilch. Thür. Kleintierzüchter 6:113-114. Apr.10,1952. 49 T42

72146 SILLION, M. La rizerie à deux fins: riz et flocon d'avoine. Rev. Internatl. des Prod. Colon. 27:80-81. Apr.1952. 286.8 R326
Nutritive value and processing.

72147 TOL FILHO, P. L. VAN. The value of honey in human nutrition. (In Portuguese.) Selec. Agr. 7(71):11-12. Mar.1952. 9.2 Se4

72148 TURIN. UNIVERSITY. CENTRO STUDI SUGLI AMINOACIDI. Biological value of human and cow's milk in relation to concentration of free amino acids. (In Italian.) Mondo del Latte 4:201,203. Apr.1952. 44.8 M74
English summary.

72149 U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. Calories from some everyday foods. Washington,1952. 4 p. 1.982 A2C13

72150 WEISS, I. Die bedeutung der sojabohne in der ernährung. Z. f. Lebensmtlprod. 5(3):11. Mar.1952. 389.8 Z34
Nutritive value.

MISCELLANEOUS

Publications of the U. S. Department of Agriculture, State Agricultural Experiment Stations, and State Agricultural Extension Services on home management, personnel, and other subjects not ordinarily covered in the Bibliography of Agriculture will be included in this list.

GENERAL

72151 ALMANAQUE agricola nacional 1952. Habana, 1952. 8 AL64

72152 BOERGER, A. Importancia del estudio de la genética. Cien. e Invest. 8:113-118. Mar.1952. 475 C482

72153 CALIFORNIA. DEPT. OF AGRICULTURE. Thirty-second annual report period ending December 31, 1951. Sacramento,1952. p.123-424. 2 C12

72154 CONGRESSO SULAMERICANO DE QUIMICA, 5, LIMA, PERU. Resumo de trabalhos [Summary of papers]. Rev. Bras. de Quim. (Cien. & Indus.) 33:153-154,156,158,160,162,164. Mar.1952. 385 R322
Contains papers relating to agricultural chemistry.

72155 DU TOIT, M. S. Reorganisation of the department's technical services. Farming So. Africa 27:239-242. Apr.1952. 24 So842

72156 GRAHAM, J. J. T. Report on economic poisons. Assoc. Off. Agr. Chem. J. 35:365-366. May 15, 1952. 381 As7

72157 GUERRERO ALVARADO, H. La rata. Agr. Trop. 3(4):55-57. Apr.1952. 26 Ag8
Includes control.

72158 HAGERS-town town and country almanack, 1952. Hagerstown,1952. 39 p. 30.3 H12

72159 HOWARD, R. T. No need now to build a better mousetrap. Canad. Chem. Processing 36(5):98,100. May 1952. 381 C16
Warfarin.

72160 HUNDEVAD, K. The mole and its control. (In Danish.) Dansk Landbr. 71:242-244. May 22,1952. 280.28 V91

72161 IOWA. STATE COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. List of publications (and abstract) Agricultural Experiment Station and Agricultural Extension Service. Ames,1952. 16 p. 275.29 Io9Li

72162 IRISH AGRICULTURAL ORGANISATION SOCIETY. Report, year ending 31st December, 1951. Dublin,1952. 81 p. 10 Ir42

72163 KJELLANDER, B. A new type of rat poison. (In Swedish.) Lantmannen 36:349-350. May 3,1952. 11 L234

72164 LA CLAIR, J. B. Report on rodenticides. Assoc. Off. Agr. Chem. J. 35:372-376. May 15,1952. 381 As7

72165 MICHIGAN. BOARD OF AGRICULTURE. Ninetieth annual report and sixty-fourth annual report, Agricultural Experiment Station, July 1, 1950 to June 30, 1951. Lansing,1952. 259 p. 2 M58R

72166 MISSOURI. DEPT. OF AGRICULTURE. Missouri agriculture; biennial report—1949-1951. Jefferson City,1951. 65 p. 2 M69R

72167 MURATA, M. Poisons and violent poisons under category of agricultural chemicals. (In Japanese.) Jap. J. Plant Protect. 25:7-8. July 1951. 421 J27

72168 OREGON ACADEMY OF SCIENCE. Proceedings, v. 2, 1948-1951. Corvallis,1951. 124 p. 500 Or3

72169 SCHMIDT, H. W. Der "iltis-fangkasten." Tech. f. Bauern u. Gärt. Ausg. A 4:41-42. Jan.25,1952. 58.8 T223

72170 SHYKE, I. Pesticide growth in a "nutshell." Micro-grinding plant. Farm Chem. 115(6):28-29. June 1952. 57.8 Am3

72171 SOUTH AFRICAN CHEMICAL INSTITUTE. A summary of some talks given at the fifth annual convention, Port Elizabeth, October 1-6, 1951. So. African Indus. Chem. 6:32-34. Feb.1952. 385 So8
Contains papers in the field of agricultural chemistry.

72172 SPENCER, E. Y. Chemistry in some phases of agriculture. Canad. Chem. Processing 36(5):104-106. May 1952. 381 C16

72173 SUKHOV, K. S. Problems in the study of viruses. (In Russian.) Priroda 41(2):18-25. Feb.1952. 410 P933

72174 SVENSK jordbruksforskning; aktuella praktiska resultat. Årsbok 1952 [Swedish agricultural research; current practical results. Yearbook 1952]. Stockholm, Jordbrukets Upplysningsnämnd,1952. 360 p. 11 J763

72175 SWEDEN. LANTBRUKSSTYRELSEN. Kungl. Lantbruksstyrelsens berättelse för år 1949 [Report of the Royal Agricultural Board for the year 1949]. Stockholm,1952. 53 p. 11 Sw3B

72176 TECHNION yearbook, 1951. New York,1951. 359 p. 475 T222

72177 U. S. CONGRESS. SENATE. COMMITTEE ON APPROPRIATIONS. Agricultural appropriations for 1953. Hearings, 82d Cong., 2d sess. on H. R. 7314, making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1953. Washington,1952. 960 p. 1 Ag81Ses

72178 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Annual report of the Office of Information, 1950/51. Washington,1951? 34 p. 1 Ag84

72179 U. S. LIBRARY OF CONGRESS. REFERENCE DEPT. Soviet geography; a bibliography, ed. by N. R. Rodionoff. 2 v. Washington,1951. 241.6 Un33
Climatology and meteorology, p. 97-104; Fauna, p. 104-107; Flora, p. 107-116; Hydrography and waters of the lands, p. 120-137; Natural resources, p. 128-168; Soils, p. 169-177; Economic geography, p. 185-292.

72180 VIRGINIA. DEPT. OF AGRICULTURE AND IMMIGRATION. DIV. OF CHEMISTRY. Economic poisons 1950. Richmond, 1951. 58 p. 391.9 V81
Regulation and inspection and analysis.

HISTORY AND BIOGRAPHY

72181 ANDERSON, A. W. Dr. Leonhardt Fuchs (1501-1563). New Zeal. Gard. 8:510-512. Mar.1,1952. 8C N4822

72182 ARANGO, R. Panorama histórico de la producción cubana. Almanaque Agr. Nac. 1952:3-7,9-13,15. 8 AL64

72183 BARTELS. Albrecht Thaer—bahnbrecher der landwirtschaft. Landwirtbl. Weser-Ems 99:459-460. May 8,1952. 18 L2345

72184 BURNS, A. F. Wesley Clair Mitchell, the economic scientist. New York,1952. 387 p. (National Bureau of Economic Research.Publication 53) 120 M694

72185 CALZECCHI-ONESTI, A. In memory of Dario Guzzini, a great friend. (In Italian.) Gior. di Agr. 62: 156. May 25,1952. 16 It1G

72186 CAMPBELL, B. Dean Charles F. Curtiss, he put the "A" in agriculture. Iowa Agr. 51:10-11,19. May 1952. 6 Io9

72187 CHATELAIN, A. Problèmes ruraux en Bugey au milieu du XIX^{e} siècle. Études Rhodaniennes 27:155-163. 1952. 473 Et8

72188 CHEVALIER, A. Dr. Walter Swingle (1871-1952). Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32: 203-204. Mar./Apr.1952. 26 R323

72189 ERNST, E. F. John M. Miller, 1882-1952. Yosemite Nat. Notes 31:51. May 1952. 409.6 Y8

72190 FLECHSIG, J. Dr. h. c. Rudolf Carsten, ein erfolgreicher deutscher weizenzüchter. Mühle 89:295-296. May 8,1952. 298.8 M89

72191 FRANZ, G. Wozu bauerngeschichte? Übersicht 3(4):12-14. Apr.1952. 18 Ub3
Germany.

72192 GAGNEPAIN, F. Quelques botanistes méconnus. Soc. Bot. de France. B. 98:267-270. 1951. 451 F84B
Weddell, Spach, Franchet Adrien, Louis Pierre, Bernard Renault, and Henri Baillon.

72193 GENTY, P. Le docteur Maurice Langeron. Soc. Bot. de France. B. 98:217-220. 1951. 451 F84B

72194 HAWKS, E. B. Claribel Ruth Barnett. Wash. Acad. Sci. J. 42:167-168. May 1952. 500 W276J

72195 INNES, J. R. M. Canine pathology: an historical essay on some pioneer contributions of D. P. Blaine (1770-1845). Vet. Med. 47:242-245,258. June 1952. 41.8 M69

72196 KELSALL, A. Early Canadian agriculture with particular reference to the Maritimes. Agr. Inst. Rev. 7(3):15-17,66. May 1952. 7 Ag8

72197 KOBLET, R. Dr. A. Grisch. Schweiz. Landwirt. Monatsh. 30:45-47. Feb.20,1952. 17 Sch93

72198 LINTON, F. B. State food law leaders- Ladd of North Dakota pioneers in food law enforcement. Food Drug Cosmetic Law J. 7:314-321. May 1952. 389.58 F732

72199 MANGHISI, T. Enrico Pantanelli. (In Italian.) Olivicoltura 7(1):5-15. Jan.1952. 80 OL42
Includes list of his publications.

72200 MATTHEWS, Q. L. R. A. Nicholson—a great rosarian. Amer. Rose Annu. 37:69-70. 1952. 81 Am31A

72201 NIKLAS. Albrecht Daniel Thaer vor 200 jahren geboren. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:755. May 15,1952. 18 L2346

72202 ORPET, M. S. E. O. Orpet, horticulturist. Calif. Hort. Soc. J. 13:39-52. Apr.1952. 81 C1293

72203 PARIBENI, R. A little love for the land "parens frugum." (In Italian.) Agricoltura 1(4):41-43. Apr.1952. 16 Ag8226
In Roman history.

72204 PAVLOV, . V. Vladimir Leont'evich Komarov. Moskva, Akad. Nauk SSSR,1951. 291 p. (Akademiia Nauk SSSR. Seriia "Biografii") 120 K835

72205 RANSTEAD, J. M. Memorial address—George Henry Holford. New Zeal. Soc. Anim. Prod. Proc. 11: 111-119. 1951,pub.1952. 49.9 N483

72206 REHFOUS, M. Jean Romieux, entomologiste, 1893-1951. Schweiz. Ent. Gesell. Mitt. 25:56. Feb.29, 1952. 420 Sw6

72207 REHN, J. A. G. Henry Fox (1875-1951). Ent. News [Philadelphia] 63:113-119. May 1952. 421 En88

72208 SALVADOR Y ASCASO, J. M. El campo de la historia en la historia del campo. Saragossa. Cám. Ofic. Sind. Agr. B. Mens. 47:19. (Cont.) Apr.1952. 15 Sa7

72209 SCHIMITSCHEK, E. Karl Escherich. Österr. Vrtljahresschr. f. Forstw. 92:302-304. 1951. 99.8 Oe8

72210 SINGH, S. Dr. Everett Franklin Phillips (1878-1951). Indian Bee J. 13:148-149. Nov./Dec.1951. 424.8 In2

72211 TULLGREN, A. Ivar Trägårdh. (In Swedish.) Ent. Tidskr. 73:1-2. 1952. 421 En891
Includes list of his publications.

72212 UPHOF, J. C. T. An autobiography. Plant Life 8:11-27. 1952. 450 P695

72213 VIGGIANI, G. Emanuele de Cillis. (In Italian.) Mondo Agr. 3(17):3. Apr.27,1952. 16 M74

72214 WEIDNER, H. Nachruf. Professor Dr. K. Escherich gestorben. Aschaffenburg. Natwiss. Mus. Nachr. 34:81-82. Feb.1952. 409.6 As2

72215 WIGGINS, I. L. Thomas H. Kearney. Pacific Discovery 5(2):28-29. Mar./Apr.1952. 500 P112

72216 WOHLFAHRT, T. A. Maria Sibylla Merian. Kosmos 48:1-2. Jan.1952. 474 K842

HOME MANAGEMENT

72217 U. S. EXTENSION SERV. Brief summary, National Home Demonstration Week, 1951. Washington, 1952. 9 p. 1.913 H2B763

72218 U. S. EXTENSION SERV. Summary, home demonstration work, Iowa, 1950. Washington,1951. 2 p. 1.913 S2Su632

72219 U. S. EXTENSION SERV. Summary, home demonstration work, Oklahoma, 1950. Washington,1951. 2 p. 1.913 S2Su633

INTERNATIONAL RELATIONS

72220 CERVI, V. Works and days in the VIth session of the FAO conference. (In Italian.) Agricoltura 1(1): 19-21. Jan.1952. 16 Ag8226

72221 SANCHEZ GAVITO, X. Programa de la FAO para 1952 y 1953. Tierra [Mexico] 7:233-235,262-263. Apr.1952. 8 T445

72222 U. S. OFF. OF FOREIGN AGRICULTURAL RELATIONS. Private investment in agriculture increased by technical cooperation: some examples. Washington, 1952. 8 p. 1.943 P93

METEOROLOGY

72223 CARVAJAL, S. Lluvias artificiales. (Sum.) Agr. del Norte 40,i.e.41:296-298. July/Sept.1951. 9.3 So14

72224 CUTHBERTSON, E. G. Some rainfall characteristics at Trangie Agricultural Experiment Station. Austral. Inst. Agr. Sci. J. 18:19-21. Mar.1952. 23 Au74

72225 DEERING, F. J., and WHITLOW, S. Records of March storm show how cloud seeding will boost rainfall. Farmer-Stockman 55(6):11,46-47. June 1952. 6 Ok45

72226 DIERCKS VITERI, B. Las heladas, factor agrometeorológico de interés para la agricultura serrana. Consorcio de Cent. Agr. de Manabi. Rev. 12(69):5-7. (Concl.) Jan./Mar.1952. 9.5 M31

72227 EL-FANDY, M. G. On stimulating clouds to give rain and artificial thunder-storms in Egypt. Inst. Fouad Ier du Désert. B. 1:11-20. Jan.1951. 515 In7

72228 LANGMUIR, I., and REICHELDERFER, F. W. Can we make it rain? Farm Q. 7(2):34-37,127-131. Summer 1952. 6 F22995

72229 LESTER, J. Rain-making report. Mont. Farmer-Stockman 39(14):1,22-23. Mar.15,1952. 6 M764

72230 MANN, D. H. Who made it rain? Idaho Farmer 70:252,274-275. Apr.3,1952. 6 G282

72231 PIRIZ, N. A. Meteorologia para el ruralismo. Uruguay. Min. de Ganad. y Agr. B. Inform. 407:4. Mar. 13,1952. 9.9 G15B

72232 TRELOAR, H. M. Seasonal forecasting in Australia—correlation method and general problems. Austral. Inst. Agr. Sci. J. 18:13-18. Mar.1952. 23 Au74

RESEARCH

72233 BROWN, C. H. Agricultural research and the Middle East. Colon. Rev. 7:181. June 1952. 280.8 C71

72234 BUSH, V. Research makes pioneers essential in modern agriculture. Chemurg. Digest 11(6):10-11. June 1952. 381 N213Na

72235 CHESTER, K. S. Industrial agriculture. Battelle Tech. Rev. 1:19-20. Feb.1952. 470 B32
Improvements in farming through research.

72236 ECKERBOM, A. K. Farm research and inflation. (In Swedish.) Sunt Förnuft 32:114-115,126. May 1952. 280.8 Su7

72237 FLORIDA. AGRICULTURAL EXPERIMENT STATION. Annual report, 1950/51. Gainesville,1951? 277 p. 100 F66S

72238 GT. BRIT. DEPT. OF SCIENTIFIC AND INDUSTRIAL RESEARCH. Report for the year 1950-51. London,1952. 271 p. 330.9 G792R
Includes research relating to agriculture.

72239 HOLM, G. E. Research—the key to progress. Agr. Inst. Rev. 7(3):20-22,24. May 1952. 7 Ag8

72240 INDIAN AGRICULTURAL RESEARCH INSTITUTE. Scientific reports for the year ended 30th June, 1949. Delhi,1951. 205 p. 107.5 P97R

72241 KELLER, E. R. Beiträge zur technik des landwirtschaftlichen versuchswesens. III. Die auswertung einfacherer versuche. Schweiz. Landwirt. Monatsh. 5: 179-185. May 20,1952. 17 Sch93

72242 LASSER, T., and SCHAEFER, E. La Estacion Biologica de Rancho Grande. Venezuela. Dir. Forest. Ser. Forest. 38,15 p. Jan.1952. 99.9 V55

72243 LIEBERMANN, J. Intensa labor experimental se realiza en Cañadón León, S. Cruz. Mundo Agr. 4(35): 87-88. Apr.1952. 9 M92

72244 LOUISIANA. AGRICULTURAL EXPERIMENT STATION. Research in agriculture; annual report, 1950-51, by I. L. Forbes, comp. Baton Rouge,1952. 224 p. 100 L93

72245 MANTON, S. M. Developments and science in the Soviet Union. Nature [London] 169:729-732. May 3, 1952. 472 N21

72246 MINKEVICH, I. On some results and prospects of research at the scientific-research institutions. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(3):11-21. Mar. 1952. 281.8 So73

72247 NATIONAL RESEARCH COUNCIL OF CANADA. Review, 1951. Ottawa,1952. 285 p. 330.9 G16Re
Includes agricultural research.

72248 NEBRASKA. AGRICULTURAL EXPERIMENT STATION. 64th annual report. Lincoln,1951. 152 p. 100 N27

72249 NEW MEXICO. AGRICULTURAL EXPERIMENT STATION. 62nd annual report for 1950/51. State College,1952. 52 p. 100 N465

72250 NEW YORK (CORNELL) AGRICULTURAL EXPERIMENT STATION. Sixty-fourth annual report of the New York State College of Agriculture at Cornell University & the Cornell University Agricultural Experiment Station, 1951. Ithaca?1952. 119 p. 100 N48C

72251 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. The research and experimental record, 1951. Belfast,1952. 136 p. 10 N81R

72252 ODDIE, T. H. Radioactive isotopes in agricultural research. Austral. Inst. Agr. Sci. J. 18:2-7. Ref. Mar.1952. 23 Au74

72253 SHAW, B. T. 1952's challenge to agricultural research. South. Weed Conf. Proc. 5:1-8. 1952. 79.9 So8

72254 SOUTH CAROLINA. AGRICULTURAL EXPERIMENT STATION. Sixty-third annual report, 1949/50. Clemson,1951. 167 p. 100 So8

STATISTICS

72255 HEALY, M. J. R. Latin rectangle designs for 2^n factorial experiments on 32 plots. J. Agr. Sci. 41:315-316. Oct.1951. 10 J822

72256 KEMPTHORNE, O. A review of the principles of experimental design and some applications. Washington,U. S. D. A. Com. Expt. Design,1951. 16 p. 1.98 R32
A lecture presented in the Department of Agriculture Auditorium, Dec. 12, 1951.

72257 VAN DER REYDEN, D. A simple statistical significance test. Rhodesia Agr. J. 49:96-104. Mar./Apr. 1952. 24 R34

U. S. D. A. PUBLICATIONS

Includes publications of the United States Department of Agriculture received in the Library during the preceding month, except restricted publications and materials issued for internal administrative use rather than for public distribution.

Periodicals issued by the Department are listed in the November issue only; articles in them are indexed currently.

Domestic requests for publications in the various Department series will be filled free upon application to the Office of Information, United States Department of Agriculture, Washington 25, D. C., as long as the supply lasts. They may also be purchased from the Superintendent of Documents, Washington 25, D. C.

Bureau publications may ordinarily be obtained free of charge from the issuing bureau as long as the supply lasts.

Foreign institutions, organizations and agencies which issue publications may obtain United States Department of Agriculture publications in exchange by writing to the United States Department of Agriculture Library, Washington 25, D. C.

Circulars

SPENCER, H., OSBURN, M. R., and NORMAN, P. A. Control of the purple scale [Lepidosaphes beckii] on citrus with parathion. U. S. D. A. C. 896,10 p. Jan. 1952. 1 Ag84C

TEMPLETON, G. S. Effects of certain methods of feeding and managing rabbits in commercial fryer production. U. S. D. A. C. 901,16 p. Mar.1952. 1 Ag84C

Farmers' Bulletins

LEE, A. R., and HAYNES, S. Duck raising. U. S. D. A. Farmers' B. 697,slightly rev.,22 p. Apr.1952. 1 Ag84F

BEATTIE, J. H. Greenhouse construction and heating. U. S. D. A. Farmers' B. 1318,slightly rev.,38 p. Apr.1952. 1 Ag84F

SCHWARTZ, B. Internal parasites of swine. U. S. D. A. Farmers' B. 1787,rev.,41 p. Mar.1952. 1 Ag84F

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Controlling the Japanese beetle [Popillia japonica]. U. S. D. A. Farmers' B. 2004,slightly rev., 14 p. Apr.1952. 1 Ag84F
Supersedes Farmers' Bulletin 1856.

Home and Garden Bulletins

BLOUNT, G. R. A fruit and vegetable buying guide for consumers. U. S. D. A. Home & Gard. B. 21, rev.,16 p. June 1952. 1 Ag84Hg
Formerly Miscellaneous Publication 167.

Leaflets

SCHWARTZ, B. Controlling lungworms of swine. U. S. D. A. L. 118,slightly rev.,5 p. Feb.1952. 1 Ag84L

U. S. EXTENSION SERV. Soil treatment, an aid in termite control. U. S. D. A. L. 324,6 p.-folder. May 1952. 1 Ag84L
A revision of AIS-30.

Statistical Bulletins

U. S. PRODUCTION AND MARKETING ADMIN. Cotton quality statistics United States, 1950-51. U. S. D. A. Statis. B. 110,63 p. 1952. 1 Ag84St

U. S. BUR. OF AGRICULTURAL ECONOMICS. Feed statistics including wheat, rye, rice. U. S. D. A. Statis. B. 111,54 p. Apr.1952. 1 Ag84St

Technical Bulletins

LINDAHL, I. L., and others. Feeding qualities for livestock of distiller's corn byproducts from fungal amylase-converted mashes, compared with those from malt amylase-converted mashes. U. S. D. A. Tech. B. 1053,31 p. Ref. 1952. 1 Ag84Te
R. E. Davis, J. L. Milligan, N. R. Ellis, H. R. Bird, J. W. Stevenson, and L. J. Machlin, joint authors.

Unnumbered Publications

U. S. DEPT. OF AGRICULTURE. Index-catalogue of medical and veterinary zoology. 17. Authors: U to WYVILLE, by A. Hassall, M. A. Doss, and J. M. Humphrey. Washington,1952. p. 5211-5608. 1 An5Ind

AGRICULTURAL ECONOMICS, BUREAU OF

U. S. BUR. OF AGRICULTURAL ECONOMICS. Acreage and production of vegetable seeds in 1951 and 1952. Washington,1952. 8 p. 1.941 S3V52

U. S. BUR. OF AGRICULTURAL ECONOMICS. Consumer fruit and juice purchases, Jan.-Mar. 1952, by regions and type of retail outlet. Washington,1952. 61 p. 1.941 M3R26
U. S. Production and Marketing Administration cooperating.

U. S. BUR. OF AGRICULTURAL ECONOMICS. Interstate movement of dairy cattle 11 Northeastern States, 1951. Washington,1952. 9 p. 1.941 M1St2

U. S. BUR. OF AGRICULTURAL ECONOMICS. 1951-1952 annual naval stores report. Washington,1952. 11 p. 1.9 C4929An

AGRICULTURAL RESEARCH ADMINISTRATION

KEMPTHORNE, O. A review of the principles of experimental design and some applications. Washington,U. S. D. A. Com. Expt. Design,1951. 16 p. 1.98 R32
A lecture presented in the Department of Agriculture Auditorium, Dec. 12, 1951.

ANIMAL INDUSTRY, BUREAU OF

U. S. BUR. OF ANIMAL INDUSTRY. Broiler profits depend on efficient feed conversion. More meat for defense. Washington,1952. 2 p. 1.972 A2B78

U. S. BUR. OF ANIMAL INDUSTRY. The first week for your baby pigs. More meat for defense. Washington,1952. 2 p. 1.972 A2F51

U. S. BUR. OF ANIMAL INDUSTRY. Get suckling pigs off to fast start. More meat for defense. Washington,1952. 2 p. 1.972 A2G33

U. S. BUR. OF ANIMAL INDUSTRY. Making grass into beef. More meat for defense. Washington,1952. 2 p. 1.972 A2M282

U. S. BUR. OF ANIMAL INDUSTRY. Quality counts in chicks. More meat for defense. Washington, 1952. 2 p. 1.972 A2Q22

DAIRY INDUSTRY, BUREAU OF

U. S. BUR. OF DAIRY INDUSTRY. Publications of the Bureau of Dairy Industry relating to cheese. U. S. Bur. Dairy Indus. BDI-Inf-36,rev.,13 p. Apr.1952. 1.973 D4B34

ENTOMOLOGY AND PLANT QUARANTINE, BUREAU OF

AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS. COMMITTEE ON INSECT TERMINOLOGY. List of names and symbols of insecticides for use in the Journal of Economic Entomology. Washington, U. S. Bur. Ent. & Plant Quar.,1952. 5 p. 1.967 A2L697

LOWNSBERY, B. F. Tobacco attacked by a species of Heterodera in Connecticut. U. S. Bur. Ent. & Plant Quar. Coop. Econ. Insect Rpt., Spec. Rpt. 1:59-61. Oct.26,1951. 1.967 A2C782

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Minimum safeguards to be observed by operators in filling greenhouse aerosols containing parathion, other organic phosphate chemicals, and methly chloride produced under license agreements issued under U. S. letters patent No. 2,321,023. Rev. Washington,1952. 2 p. 1.967 A2M66

EXTENSION SERVICE

ARBOUR, M. B. Making wider use of mass media in extension work. Washington,U. S. Ext. Serv., 1951. 6 p. 1.913 I2M282

JANS, F. C. Extension looks at program planning. U. S. Ext. Serv., Ext. Serv. C. 478,12 p. Mar.1952. 1.9 Ex892Esc

SOULTS, M. Our Extension health education project in Iowa. Washington,U. S. Ext. Serv.,1952. 7 p. 1.913 A2Ou73

Address at Seventh National Conference on Rural Health, American Medical Association, Denver, Feb. 28-Mar. 1, 1952.

U. S. EXTENSION SERV. Brief summary, National Home Demonstration Week, 1951. Washington, 1952. 9 p. 1.913 H2B763

U. S. EXTENSION SERV. Committees and special assignments, twenty-second National 4-H Club Camp, June 18-25, 1952. Washington,1952. 45 p. 1.913 F3C73

U. S. EXTENSION SERV. Factors which contribute toward successful 4-H Clubwork in counties and communities, 12 Southern States and Puerto Rico, by L. K. Sabrosky. Washington,1952. 41 p. 1.913 S2F115

U. S. EXTENSION SERV. Statement of policy of rural youth in Farm Bureau. Approved by the A.F.B.F. Board, Sept. 28, 1951. Washington,1952. 2 p. 1.913 O2St2

U. S. EXTENSION SERV. Statement on Farmers Union youth work. Washington,1952. 4 p. 1.913 O2St22

U. S. EXTENSION SERV. Summary, county agricultural agent work, Illinois, 1950. Washington,1951. 2 p. 1.913 S2Su624

U. S. EXTENSION SERV. Summary, county agricultural agent work, Oklahoma, 1950. Washington, 1951. 2 p. 1.913 S2Su626

U. S. EXTENSION SERV. Summary, 4-H Club work, Illinois, 1950. Washington,1951. 2 p. 1.913 S2Su627

U. S. EXTENSION SERV. Summary, home demonstration work, Iowa, 1950. Washington,1951. 2 p. 1.913 S2Su632

U. S. EXTENSION SERV. Summary, home demonstration work, Oklahoma, 1950. Washington,1951. 2 p. 1.913 S2Su633

U. S. EXTENSION SERV. The young men and women's program of the Cooperative Extension Service, by W. E. Schmidt. Washington,1952. 10 p. 1.913 O2Y82

FARM CREDIT ADMINISTRATION

CHRISTIAN, C. F. 4-H dramatizations. The way of the pioneer; cooperations lights and lightens housework. U. S. Farm Credit Admin. C. E-35-A,7 p. Jan.1952. 166.2 C4926

U. S. Extension Service and the American Institute of Cooperation cooperating.

GRIFFIN, N., WEIGANDT, H. N., and GARDNER, K. B. Selecting and electing directors of farmers' cooperatives. U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Misc. Rpt. 161,33 p. Apr.1952. 166.3 M68

HENSLEY, H. C. Merchandising by farmers' cooperatives. U. S. Farm Credit Admin. C. E-22,rev., 16 p. 1951. 166.2 C4926

Revised by J. K. Samuels and K. B. Gardner.

SWARTZ, D. M. Production and sales records for milk distributing cooperatives. U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Misc. Rpt. 159,49 p. Feb.1952. 166.3 M68

U. S. FARM CREDIT ADMIN. Effect of Federal income taxes on debt-paying ability of farmers. Washington,1952. 4 p. 1.955 E2Ef3

U. S. FARM CREDIT ADMIN. Functions and organization of the Farm Credit Administration. Washington,1952. 15 p. 1.955 A2F96

FARMERS HOME ADMINISTRATION

U. S. FARMERS' HOME ADMIN. The milky way. St. Anthony,Idaho,1952? 4 p. 1.949 M59

FEDERAL CROP INSURANCE CORPORATION

U. S. FEDERAL CROP INSURANCE CORPORATION. Sales talk. Suggestions and materials for developing county crop insurance programs. Deadlines are coming! Washington,1952. 22 p. 1.952 Sa37

FOREIGN AGRICULTURAL RELATIONS, OFFICE OF

U. S. OFF. OF FOREIGN AGRICULTURAL RELATIONS. Private investment in agriculture increased by technical cooperation: some examples. Washington, 1952. 8 p. 1.943 P93

FOREST SERVICE

BLEW, J. O., JR. Comparison of wood preservatives in stake tests. (1952 progress report). U. S. Forest Serv. Forest Prod. Lab. Rpt. D1761,7 p. Apr. 1952. 1.9 F761R

DICKERMAN, M. B. Recent trends in Lake States timber resources and industries. U. S. Forest Serv. Lake States Forest Expt. Sta. Misc. Rpt. 17,7 p. Oct.1,1951. 1.9622 L2M68

GERRY, E. Azobe bongossi, ekki Lophira alata Banks var. procera (A. Chev.) B. Davy.Family: Ochnaceae. U. S. Forest Serv. Forest Prod. Lab. Rpt. R1913,10 p. Ref. 1951. 1.9 F761R

GERRY, E., and FLICK, F. J., comp. Puerto Rican woods and their utilization—a bibliography. U. S. Forest Serv. Forest Prod. Lab. Rpt. R1793,15 p. Mar. 1951. 1.9 F761R

KEUNZI, E. W. Edgewise compressive strength of panels and flatwise flexural strength of strips of sandwich constructions. U. S. Forest Serv. Forest Prod. Lab. Rpt. 1827,11 p. Nov.1951. 1.9 F761R

LIMING, F. G. Forest problem analysis and research program for the Missouri Ozarks. U. S. Forest Serv. Cent. States Forest Expt. Sta. Misc. Release 7, 57 p. Oct.1951. 1.9622 C3M68

MCGOVERN, J. N., and others. Semichemical pulping characteristics of Pacific Coast red alder [Alnus rubra], Douglas-fir [Pseudotsuga taxifolia], western redcedar [Thuja plicata], and western hemlock [Tsuga heterophylla]. U. S. Forest Serv. Forest Prod. Lab. Rpt. R1912,10 p. Dec.1951. 1.9 F761R

E. L. Keller, J. S. Martin, and R. M. Kingsbury, joint authors.

MINCKLER, L. S. Loblolly pine seed source and hybrid tests in southern Illinois. U. S. Forest Serv. Cent. States Forest Expt. Sta. Tech. Paper 128,8 p. Apr.1952. 1.9622 C3T222

SANDERS, H. C. The contribution of the land-grant college to the development of small forests. Washington,U. S. Ext. Serv.,1951. 2 p. 1.913 A2C7612

SOWDER, J. E. A sanitation-salvage cutting in ponderosa pine at the Pringle Falls Experimental Forest. U. S. Forest Serv. Pacific Nowest. Forest & Range Expt. Sta. Res. Paper 2,24 p. Ref. Oct.1951. 1.9622 P2R31

TRIMBLE, G. R., JR. A method of measuring increase in soil depth and water-storage capacity due to forest management. U. S. Forest Serv. Noeast. Forest Expt. Sta. Paper 47,8 p. Apr.1952. 1.9622 N2St22

U. S. FOREST SERV. Forest tree nurseries of the United States, 1951. Location and ownership, name of resident nurseryman, production in fiscal year, 1951. Washington, 1951. 25 p. 1.962 A2F7643

U. S. FOREST SERV. Memorial forests. Washington, 1951. 2 p. 1.962 A2M512

U. S. FOREST SERV. More grass, more meat: fact sheet. Washington, 1951. 2 p. 1.962 A2M813

U. S. FOREST SERV. PACIFIC NORTHWEST REGION. Forest camping in Oregon: directory of National forest camps. Washington? 1952. 68 p. 1.9621 R6F762

U. S. FOREST SERV. PACIFIC NORTHWEST REGION. Forest camping in Washington: directory of National forest camps. Washington? 1952. 50 p. 1.9621 R6F763

U. S. FOREST SERV. SOUTHERN FOREST EXPERIMENT STATION. Thirty-first annual report, 1951. New Orleans, 1952? 102 p. 1.9 F7624

U. S. FOREST SERV. SOUTHERN FOREST EXPERIMENT STATION. Woods hogs vs. pine logs, by W. Hopkins. Atlanta? 1952? 16 p. 1 F7624W

WRIGHT, J. T., and HORTON, J. S. Checklist of the vertebrate fauna of San Dimas Experimental Forest. U. S. Forest Serv. Calif. Forest & Range Expt. Sta. Misc. Paper 7, 15 p. Nov. 1951. 1.9622 C2M68

GRADUATE SCHOOL

U. S. DEPT. OF AGRICULTURE. GRADUATE SCHOOL. Agricultural policy in the defense period, by H. Newsom. Washington? 1951. 1.984 Ag82

HUMAN NUTRITION AND HOME ECONOMICS, BUREAU OF

U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. Calories from some everyday foods. Washington, 1952. 4 p. 1.982 A2C13

LIBRARY

U. S. DEPT. OF AGRICULTURE. LIBRARY. LOUISIANA BR. Hardwood planting, by H. Boyd. New Orleans? 1952. 2 p. 1.9622 S2H22
Typewritten. Issued as a supplement to a list compiled May 3, 1948.

PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, BUREAU OF

BARGER, W. R., and others. Transportation test with early potatoes from Kern County, California to New York City, May, 1951. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 271,7 p. Apr. 10, 1952. 1.9 P772Ht
J. M. Harvey, W. A. Radspinner, and L. L. Morris, joint authors.

U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. Fertilizer and other experiments with rice in California, by J. W. Jones. Beltsville, 1952. 15 p. 1.965 C2F41

U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. The National Onion-Breeding Program, 1950; sixth annual report to cooperators. Beltsville, Md., 1951. 112 p. 1.965 F4N21

U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. 1951 report of the Uniform Alfalfa Nurseries, conducted cooperatively with the various State and Federal agricultural experiment stations in the United States and Canada represented in the Alfalfa Improvement Conference, by O. S. Aamodt. Beltsville, Md., 1951. 191 p. 1.9 P691Rep

U. S. BUR. OF PLANT INDUSTRY, SOILS AND AGRICULTURAL ENGINEERING. A portable propagating case for greenhouse benches, by J. L. Creech. Beltsville, 1952. 2 p. 1.965 A2P83

U. S. SOUTHERN GREAT PLAINS FIELD STATION, WOODWARD, OKLA. Fourteen-year summary of range improvement studies, 1937-1950, by E. H. McIlvain, D. A. Savage, E. A. Tucker, and W. F. Lagrone. Woodward Okla., 1951? 50 p. 1.965 A2F82

WELLS, A. W. Storage of edible nuts. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 275,5 p. June 5, 1952. 1.9 P772Ht

WINSTON, J. R., CUBBEDGE, R., and KAUFMAN, J. Effect of hydrocooling and of top icing on temperature reduction in carlot shipments of crated green sweet corn. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 270,9 p. Apr. 14, 1952. 1.9 P772Ht

PRODUCTION AND MARKETING ADMINISTRATION

U. S. PRODUCTION AND MARKETING ADMIN. Agricultural conservation program; conservation practice summary, 1936 to 1949. Washington, 1951. 78 p. 1.956 F45Ag823

U. S. PRODUCTION AND MARKETING ADMIN. The comparative efficiency of current methods and types of equipment used for receiving field boxes of apples at storage houses in the Pacific Northwest area, by J. F. Herrick, Jr., D. L. Hunter, and R. S. Duerden. Washington, 1952. 17 p. 1.956 M343C733

U. S. PRODUCTION AND MARKETING ADMIN. Dark air-cured tobacco market review, 1951-52 season. Washington, 1952. 32 p. 1.9 Ec714T

U. S. PRODUCTION AND MARKETING ADMIN. Directory of farm market news for Arkansas, Colorado, Kansas, Louisiana, New Mexico, Oklahoma, Texas. Dallas, 1952. 25 p. 1.956 A2D622

U. S. PRODUCTION AND MARKETING ADMIN. Federal milk marketing orders. Washington, 1951. 19 p. 1.956 D14F312

U. S. PRODUCTION AND MARKETING ADMIN. Fire-cured tobacco market review, 1951-52 season. Washington, 1952. 34 p. 1.9 Ec714T

U. S. PRODUCTION AND MARKETING ADMIN. Frozen food research in the U. S. Department of Agriculture, by J. A. Mixon. Washington, 1952. 14 p. 1.956 M343F93

U. S. PRODUCTION AND MARKETING ADMIN. Honey. Washington, 1952? 2 p. 1.956 A2H756

U. S. PRODUCTION AND MARKETING ADMIN. Marketing Eastern Shore sweetpotatoes. Washington, 1952. 24 p. 1.956 F94M3496

U. S. PRODUCTION AND MARKETING ADMIN. Merchandising fresh fruits and vegetables. A new motion picture. Washington, 1952. 4 p.-folder. 1.956 F94M532

U. S. PRODUCTION AND MARKETING ADMIN. Parity handbook. Washington, 1952. 40 p. 1.956 P93P21

U. S. PRODUCTION AND MARKETING ADMIN. Standard conversion factors for tin and glass containers for use with set aside computations under Defense Food Order number 2. Washington, 1952. 2 p. 1.956 F94St23

U. S. PRODUCTION AND MARKETING ADMIN. Tolerance tables. To be used in connection with the enforcement of the Federal Seed Act. Washington, 1952. 13 p. 1.956 G76T57

U. S. PRODUCTION AND MARKETING ADMIN. U. S. standards for apples. (Effective July 23, 1951). Washington, 1951. 19 p. 1.9 Ec74Ab

U. S. PRODUCTION AND MARKETING ADMIN. NEW YORK STATE COMMITTEE. Annual statistical report, 1950. Syracuse, 1951. 26 p. 1.956 A2An73

RURAL ELECTRIFICATION ADMINISTRATION

U. S. RURAL ELECTRIFICATION ADMIN. The application of shunt capacitors to the rural electric system. Washington, 1952. 29 p. 1 R88Ap5

U. S. RURAL ELECTRIFICATION ADMIN. Electric farming campaign and what it means to rural electric systems. Washington, 1952. 2 p. 1.933 EL244

U. S. RURAL ELECTRIFICATION ADMIN. The electric farming campaign: what it is all about. Washington, 1952. 2 p. 1.933 EL243

U. S. RURAL ELECTRIFICATION ADMIN. Electricity pays its way in the rural home, by L. Mamer. Washington, 1952. 29 p. 1.933 EL245

U. S. RURAL ELECTRIFICATION ADMIN. 1950 annual statistical report. Washington, 1952. 123 p. 1.933 F49

U. S. RURAL ELECTRIFICATION ADMIN. Productive electric applications to help meet national goals, by D. W. Teare. Washington,1952. 5 p. 1.933 P9427

U. S. RURAL ELECTRIFICATION ADMIN. Rural electrification, a vital defense resource. Washington,1951. 20 p. 1.933 R8833

U. S. RURAL ELECTRIFICATION ADMIN. "Want to" pays off. Washington,1952? 9 p. 1.933 W18

U. S. RURAL ELECTRIFICATION ADMIN. West Virginia 8 Hardy: field appraisal analysis. Washington,1952. 16 p. 1.933 W52

SOIL CONSERVATION SERVICE

BLAISDELL, F. W., and DONNELLY, C. A. Hydraulic design of the box inlet drop spillway. U. S. Soil Conserv. Serv. SCS-TP-106,53 p. July 1951. 1.96 Ad6Tp

GLYMPH, L. M., JR. Relation of sedimentation to accelerated erosion in the Missouri River Basin. U. S. Soil Conserv. Serv. SCS-TP-102,20 p. Ref. July 1951. 1.96 Ad6Tp

MOORE, W. R., FERRIS, H. J., and KOZACHYN, J. Report on sedimentation in Carnegie Lake, Princeton, New Jersey. U. S. Soil Conserv. Serv. SCS-TP-109,20 p. Mar.1952. 1.96 Ad6Tp

MOORE, W. R., and FERRIS, H. J. Report on sedimentation in Schoharie Reservoir, New York City water supply system, Prattsville, New York. U. S. Soil Conserv. Serv. SCS-TP-105,21 p. June 1951. 1.96 Ad6Tp

O'BRIEN, J. T. Studies of the use of previous fence for streambank revetment. U. S. Soil Conserv. Serv. SCS-TP-103,66 p. Feb.1951. 1.96 Ad6Tp

SCHIFF, L. Hydrology of rates and amounts of surface runoff from single-and mixed-cover watersheds. U. S. Soil Conserv. Serv. SCS-TP104,27 p. Mar. 1951. 1.96 Ad6Tp

STALLINGS, J. H. Soil aggregate formation. U. S. Soil Conserv. Serv. SCS-TP-110,23 p. Ref. Apr. 1952. 1.96 Ad6Tp

U. S. SOIL CONSERVATION SERV. The measurement of soil and water losses with runoff plots, by J. R. Carreker and B. H. Hendrickson. Washington, 1952. 12 p. 1.96 R31Mea

STATE AGRICULTURAL EXPERIMENT STATION PUBLICATIONS

Includes State Agricultural Experiment Station publications received in the library during the preceding month.

Publications issued by the State Agricultural Experiment Stations are not available from the U. S. Department of Agriculture but are often available from the publishing experiment station.

Material not available from the various State institutions may be obtained in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Alabama Agricultural Experiment Station, Auburn

ALABAMA. AGRICULTURAL EXPERIMENT STATION. Corn varieties for Alabama; a report of 1951 corn variety tests, by E. F. Schultz, Jr. Auburn,1952. 12 p. 59.9 AL12

ALABAMA. AGRICULTURAL EXPERIMENT STATION. Results of 1951 cotton variety tests in Alabama, by H. B. Tisdale and A. L. Smith. Auburn,1952? 8 p. 100 AL1R

IRRIGATION WORKING CONFERENCE, AUBURN, 1951. Proceedings. Auburn,1951. 18 p. 55.9 Ir7

Sponsored by American Society of Agricultural Engineers, Southeastern Section.

Alaska Agricultural Experiment Station, College

MOORE, C. A. Farming in the Matanuska and Tanana Valleys of Alaska. Alaska. Agr. Expt. Sta. B. 14, 32 p. Jan.1952. 100 AL122B

Arizona Agricultural Experiment Station, Tucson

FOSTER, R. E., and VAN HORN, C. W. Cantaloup; variety and strain test in Yuma Valley, Arizona for 1950. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 101,7 p. Mar. 1951. 100 Ar4M

REHNBERG, R. D., and STEFFE, M. E. Depreciation and maintenance costs on permanent irrigation systems. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 102, 17 p. Mar.1951. 100 Ar4M

STANLEY, E. B., PAHNISH, O. F., and SAFLEY, C. E. Dried cantaloupe, safflower meal and salt in Arizona cattle fattening rations. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 105,4 p. July 1951. 100 Ar4M

JOHNSON, B. E. Indoor play areas for the preschool child. Ariz. Agr. Expt. Sta. Tech. B. 126:155-185. Mar.1952. 100 Ar4

California Agricultural Experiment Station, Berkeley

HILGARDIA 21:194-382. Jan.-Apr.1952. 100 C12H

Connecticut (State) Agricultural Experiment Station, New Haven

MEISS, A. N. The formation of asparagine in etiolated seedlings of Lupinus albus L. Conn. (State) Agr. Expt. Sta. B. 553,74 p. Ref. Jan.1952. 100 C76St

SCHREAD, J. C. Chrysanthemum gall midge [Diarthronomyia hypogaea]. Conn. (State) Agr. Expt. Sta. B. 554,6 p. Mar.1952. 100 C76St

FISHER, H. J. Report on inspection,commercial feeding stuffs, 1951. Conn. (State) Agr. Expt. Sta. B. 555,127 p. Apr.1952. 100 C76St

SCHREAD, J. C. Birch leaf miner [Fenusa pusilla] control. Conn. (State) Agr. Expt. Sta. C. 182,5 p. Apr.1952. 100 C76St

Delaware Agricultural Experiment Station, Newark

DUM, S. A. Dairy practices, costs and returns in New Castle County, Delaware. Del. Agr. Expt. Sta. B. 294,24 p. Jan.1952. 100 D37S

Florida Agricultural Experiment Station, Gainesville

DICKEY, R. D. Hibiscus in Florida. Fla. Agr. Expt. Sta. B. 467,rev.,32 p. May 1952. 100 F66S

EDDINS, A. H. Diseases, deficiencies and injuries of cabbage and other crucifers in Florida. Fla. Agr. Expt. Sta. B. 492,63 p. Ref. Mar.1952. 100 F66S

KIDDER, R. W., and BEARDSLEY, D. W. Protein and carbohydrate supplements for fattening steers on everglades pastures. Fla. Agr. Expt. Sta. B. 493,16 p. May 1952. 100 F66S

HARRIS, H. C. Effect of minor elements, particularly cooper, on peanuts. Fla. Agr. Expt. Sta. B. 494,20 p. Ref. May 1952. 100 F66S

WILMOT, R. J., and DICKEY, R. D. Azalea culture. Rev. Fla. Agr. Expt. Sta. Press B. 658,4 p. Apr.1952. 100 F66S

FLORIDA. AGRICULTURAL EXPERIMENT STATION. Annual report, 1950/51. Gainesville,1951? 277 p. 100 F66S

Georgia Coastal Plain Experiment Station, Tifton

ANDREWS, J. S., SOUTHWELL, B. L., and JONES, D. J. Acquisition of parasites by swine hogging-off crops. Ga. Coastal Plain Expt. Sta. C. 21,11 p. Feb. 1952. 100 G292

BURTON, G. W., and ROBINSON, B. P. Tifton 57 Bermuda grass [Cynodon dactylon] for lawns, athletic fields, and parks. Ga. Coastal Plain Expt. Sta. Mimeog. Paper 78,2 p. May 1952. 100 G292M

Indiana Agricultural Experiment Station, Lafayette

ROTHBAUER, T. C., WOOD, G. B., and MARTIN, J. H. Poultry and egg truck routes in Indiana. Ind. Agr. Expt. Sta. B. 571,31 p. Jan.1952. 100 In2B

ULLSTRUP, A. J. Leaf blights of corn. Ind. Agr. Expt. Sta. B. 572,22 p. Ref. Mar.1952. 100 In2B

INDIANA. AGRICULTURAL EXPERIMENT STATION. Inspection of agricultural seeds. Ind. Agr. Expt. Sta. C. 381,64 p. Feb.1952. 100 In2P

Kansas Agricultural Experiment Station, Manhattan

LAUDE, H. H., and others. Ponca winter wheat. Kans. Agr. Expt. Sta. B. 354,14 p. May 1952. 100 K13S

R. H. Painter, C. O. Johnston, A. M. Schlehuber, and T. H. Johnston, joint authors.

Is also Oklahoma Agricultural Experiment Station Bulletin B-380.

Kentucky Agricultural Experiment Station, Lexington

GARRIGUS, W. P. Digestible nutrient contents of corn, bluegrass, alfalfa, ladino, fescue, and soybean silages for steers. Ky. Agr. Expt. Sta. B. 573,19 p. Dec. 1951. 100 K41

WILFORD, E. J., and GARRIGUS, W. P. Carcass characteristics of Kentucky spring lambs and of western fed lambs. Ky. Agr. Expt. Sta. B. 578,48 p. Dec.1951. 100 K41

TODD, A. C. Control of strongyle parasites in horses. Ky. Agr. Expt. Sta. B. 582,22 p. Ref. Feb.1952. 100 K41

BARNHART, C. E., and PENDERGRASS, G. D. Comparison of farrowing crate and conventional farrowing pen with guard rails for brood sows. Ky. Agr. Expt. Sta. B. 583,8 p. Feb.1952. 100 K41

KENTUCKY. AGRICULTURAL EXPERIMENT STATION. Commercial fertilizers in Kentucky, 1951, including a report on official fertilizer samples analyzed, July-December, 1951. Ky. Agr. Expt. Sta. Regulat. B. 96,53 p. Feb.1952. 100 K41

KENTUCKY. AGRICULTURAL EXPERIMENT STATION. FEED AND FERTILIZER DEPT. Quarterly report on official feed samples analyzed. Ky. Agr. Expt. Sta. Regulat. B. 97,32 p. Apr.1952. 100 K41

Louisiana Agricultural Experiment Station, University Station, Baton Rouge

SELF, F. W., and others. Experiments with cotton varieties in Louisiana, 1947-1950. La. Agr. Expt. Sta. B. 460,16 p. Dec.1951. 100 L93
J. E. Jones, J. R. Cotton, C. B. Haddon, J. Y. Oakes, D. M. Johns, and R. S. Woodward, joint authors.

IVY, H. W., JR. Yield trials with corn hybrids in Louisiana, 1948-51. La. Agr. Expt. Sta. B. 461,15 p. Jan.1952. 100 L93

BARR, H. T. Anhydrous ammonia equipment. La. Agr. Expt. Sta. B. 462,46 p. Ref. Feb.1952. 100 L93

ROY, E. P., and BAKER, J. M. Marketing hatching eggs in Louisiana. La. Agr. Expt. Sta. B. 463, 28 p. Apr.1952. 100 L93

LOUISIANA. AGRICULTURAL EXPERIMENT STATION. Research in agriculture; annual report, 1950-51, by I. L. Forbes, comp. Baton Rouge,1952. 224 p. 100 L93

Maine Agricultural Experiment Station, Orono

BONDE, R., and MURPHY, E. F. Resistance of certain tomato varieties and crosses to late blight. Maine. Agr. Expt. Sta. B. 497,15 p. Ref. Mar.1952. 100 M28S

Massachusetts Agricultural Experiment Station, Amherst

FRENCH, A. P. The peach; inheritance of time of ripening and other economic characters. Mass. Agr. Expt. Sta. B. 462,31 p. Ref. June 1951. 100 M38H

ARCHIBALD, J. G., and others. Hay curing. Mass. Agr. Expt. Sta. B. 464,30 p. Mar.1952. 100 M38H
M. L. Blaisdell, E. F. Cox, and H. N. Stapleton, joint authors.

MASSACHUSETTS. AGRICULTURAL EXPERIMENT STATION. SEED CONTROL SERV. Seed inspection. Mass. Agr. Expt. Sta. Control Ser. B. 151,32 p. Nov.1951. 100 M38H

Michigan Agricultural Experiment Station, East Lansing

HOGLUND, C. R., and WRIGHT, K. T. Reducing dairy costs on Michigan farms. Mich. Agr. Expt. Sta. Spec. B. 376,31 p. May 1952. 100 M58S

Minnesota Agricultural Experiment Station, University Farm, St. Paul

TAYLOR, F. R., and JESNESS, O. B. The economic importance of egg quality. Minn. Agr. Expt. Sta. B. 411,20 p. Apr.1952. 100 M66

KERNKAMP, M. F., and others. Investigations on physiologic specialization and parasitism of Rhizoctonia solani. Minn. Agr. Expt. Sta. Tech. B. 200,36 p. Ref. Apr.1952. 100 M66
D. J. de Zeeuw, S. M. Chen, B. C. Ortega, C. T. Tsiang, and A. M. Khan, joint authors.

Mississippi Agricultural Experiment Station, State College

DICK, J. B., and others. 1951 cotton variety tests in Mississippi. Miss. Agr. Expt. Sta. B. 488,8 p. Jan.1952. 100 M69
Z. F. Lund, J. F. O'Kelly, S. P. Crockett, K. C. Freeman, and R. E. Coats, joint authors.

DICKINS, D. Housing of farm-owner-operator families in the Mississippi Lower Coastal area. Miss. Agr. Expt. Sta. B. 490,28 p. Mar.1952. 100 M69

PARVIN, D. W., DAVIS, A. C., and TRAMEL, T. E. Winter dairying vs. summer dairying, grade A milk producers, Memphis milkshed. Miss. Agr. Expt. Sta. C. 164,15 p. Nov.1951. 100 M69

PARVIN, D. W., and TRAMEL, T. E. Winter dairying vs. summer dairying, cheese milk producers North Mississippi. Miss. Agr. Expt. Sta. C. 165,17 p. Nov.1951. 100 M69

Nebraska Agricultural Experiment Station, Lincoln

HAMMOND, W. E. Markets in Nebraska for oilseed cake and meal. Nebr. Agr. Expt. Sta. B. 407,12 p. Dec.1951. 100 N27

EHLERS, P., and others. Fertilization and improvement of native subirrigated meadows in Nebraska. Nebr. Agr. Expt. Sta. C. 92,15 p. Apr.1952. 100 N27
G. Viehmeyer, R. Ramig, and E. M. Brouse, joint authors.

NEBRASKA. AGRICULTURAL EXPERIMENT STATION. 64th annual report. Lincoln,1951. 152 p. 100 N27

New Hampshire Agricultural Experiment Station, Durham

BOWRING, J. R. Supply and price relationships for New Hampshire fluid milk markets. N. H. Agr. Expt. Sta. B. 389,15 p. Apr.1952. 100 N45

New Jersey Agricultural Experiment Station, New Brunswick

BUTTERS, E. A. Seed and legume inoculant inspection, 1950. N. J. Agr. Expt. Sta. Insp. Ser. 40,15 p. Jan.1951. 100 N46S

New Mexico Agricultural Experiment Station, State College

NEALE, P. E., and KOGER, M. Combinations of corn silage and coarse alfalfa hay for fattening lambs. N. Mex. Agr. Expt. Sta. B. 369,10 p. Apr.1952. 100 N465

CRAWFORD, R. F. Seed treatment for control of damping-off in peanuts. N. Mex Agr. Expt. Sta. B. 370,11 p. Mar.1952. 100 N465

DOTZENKO, A. D., and WILSON, M. L. The effect of fertilizers on yield and botanical composition of an irrigated pasture mixture. N. Mex. Agr. Expt. Sta. Press B. 1068,3 p. Apr.1952. 100 N465

EVANS, M. Precipitation and sorghum yields. N. Mex. Agr. Expt. Sta. Press B. 1069,4 p. Apr.1952. 100 N465

DREGNE, H. E., and CHANG, C. W. The use of gypsum in soils. N. Mex. Agr. Expt. Sta. Press B. 1070,3 p. May 1952. 100 N465

NEW MEXICO. AGRICULTURAL EXPERIMENT STATION. Research for New Mexico agriculture; sixty-first annual report 1949/50. State College,1951. 46 p. 100 N465

NEW MEXICO. AGRICULTURAL EXPERIMENT STATION. 62nd annual report for 1950/51. State College,1952. 52 p. 100 N465

New York (Cornell) Agricultural Experiment Station, Ithaca

PRATT, A. J., and others. Yield, tuber set, and quality of potatoes; effect of irrigation, date of planting, and straw mulch on several varieties in upstate New York 1948-1951. N. Y. (Cornell) Agr. Expt. Sta. B. 876,35 p. Apr.1952. 100 N48C
J. Lamb, Jr., J. D. Wright, and G. Bradley, joint authors.

HOHN, M. H. A study of the distribution of diatoms (Bacillarieae) in western New York State. N. Y. (Cornell) Agr. Expt. Sta. Mem 308,39 p. Ref. Dec.1951. 100 N48C

KEHR, A. E,, and SMITH, H. H. Multiple genome relationships in Nicotiana. N. Y. (Cornell) Agr. Expt. Sta. Mem. 311,19 p. Ref. Mar.1952. 100 N48C

KIRK, V. M. A study of the disposition of DDT when used as an insecticide for potatoes. N. Y. (Cornell) Agr. Expt. Sta. Mem. 312,48 p. Ref. Mar.1952. 100 N48C

NEW YORK (CORNELL) AGRICULTURAL EXPERIMENT STATION. Sixty-fourth annual report of the New York State College of Agriculture at Cornell University & the Cornell University Agricultural Experiment Station, 1951. Ithica?1952. 119 p. 100 N48C

New York (State) Agricultural Experiment Station, Geneva

VITTUM, M. T., and HERVEY, G. E. R. Relation of Marion market cabbage yield and bursting to rates of application and sources of fertilizer nutrients and insect control. N. Y. (State) Agr. Expt. Sta. B. 750, 16 p. Feb.1952. 100 N48

MUNN, M. T., and LITTLE, H. B. The quality of seeds on sale in New York in 1951. N. Y. (State) Agr. Expt. Sta. B. 751,52 p. Mar.1952. 100 N48

North Dakota Agricultural Experiment Station, State College Station, Fargo

ANDERSON, A. H. Changes in farm population and rural life in four North Dakota counties. N. Dak. Agr. Expt. Sta. B. 375,38 p. Apr.1952. 100 N813

Pennsylvania Agricultural Experiment Station, State College

COX, J. A. The cherry fruit fly [Rhagoletis cingulata] in Erie County. Pa. Agr. Expt. Sta. B. 548, 17 p. Ref. Apr.1952. 100 P381

FROST, S. W. Light traps for insect collection, survey and control. Pa. Agr. Expt. Sta. B. 550,32 p. Ref. Apr.1952. 100 P381

KNODT, C. B., SKAGGS, S. R., and WILLIAMS, P. S. Sulfur dioxide for preservation of forage. Pa. Agr. Expt. Sta. B. 552,25 p. Apr.1952. 100 P381

KNODT, C. B., SKAGGS, S. R., and WILLIAMS, P. S. Sulfur dioxide for preservation of forage. Pa. Agr. Expt. Sta. B. 552P,6 p. Apr.1952. 100 P381

CARNAHAN, H. L., and FORTMANN, H. R. Performance of varieties of grass and legume species in Pennsylvania in 1950 and 1951 and forage crop variety recommendations. Pa. Agr. Expt. Sta. Prog. Rpt. 71,12 p. May 1952. 100 P381P

South Carolina Agricultural Experiment Station, Clemson

EVANS, C. D. Cotton statistics, South Carolina and selected areas. S. C. Agr. Expt. Sta. C. 82,57 p. Dec.1951. 100 So8

SOUTH CAROLINA. AGRICULTURAL EXPERIMENT STATION. Sixty-third annual report, 1949/50. Clemson,1951. 167 p. 100 So8

South Dakota Agricultural Experiment Station, Brookings

NERVIK, O., and PATERSON, D. G. Marketing lambs; comparison of liveweight method and carcass weight and grade method. S. Dak. Agr. Expt. Sta. B. 416, 12 p. Dec.1951. 100 So82

ROGOFF, W. M. Cable-type backrubbers for horn fly [Siphona irritans] control on cattle. S. Dak. Agr. Expt. Sta. B. 418,12 p. Apr.1952. 100 So82

PUHR, L. F., and WORZELLA, W. W. Fertility maintenance and management of South Dakota soils. S. Dak. Agr. Expt. Sta. C. 92,24 p. Feb.1952. 100 So82

Texas Agricultural Experiment Station, College Station

BUCKINGHAM, M., and POTTS, R. C. Yield of crops grown for forage at Mt. Pleasant, 1950-51. Tex. Agr. Expt. Sta. Prog. Rpt. 1453,2 p. Apr.8,1952. 100 T31P

MICHAEL, R., and HOLLINGSWORTH, J. P. Regrigerated storage for sweet potatoes. Tex. Agr. Expt. Sta. Prog. Rpt. 1454,4 p. Apr.10,1952. 100 T31P

QUINBY, J. R., VAN HORN, D. L. and BROOKS, L. E. Trials with castor beans in Texas, 1951. Tex. Agr. Expt. Sta. Prog. Rpt. 1455,5 p. Apr.19,1952. 100 T31P

DUDLEY, D. I., and HOLT, E. C. Cool season grasses for north-central Texas. Tex. Agr. Expt. Sta. Prog. Rpt. 1456,3 p. May 1,1952. 100 T31P

HERVEY, R. J., FISHER, F. L., and JOHNSTON, J. R. The influence of spacing and fertilizer on plant size and shape, boll production and fiber yield of cotton grown on Houston black clay at Temple, 1951. Tex. Agr. Expt. Sta. Prog. Rpt. 1457,5 p. May 1,1952. 100 T31P

ALEX, A. H., THOMAS, F. L., and WARNE, B. Importance of bees in sweetclover seed production. Tex. Agr. Expt. Sta. Prog. Rpt. 1458,3 p. May 1,1952. 100 T31P

Vermont Agricultural Experiment Station, Burlington

SPRAGUE, S. K. Milk price control in Vermont. Vt. Agr. Expt. Sta. Misc. P. 1,19 p. Jan.1951. 100 V59M

Washington Agricultural Experiment Station, Pullman

BAUM, E. L. The pricing of class I milk in the Puget Sound, Washington, milk marketing area. Wash. Agr. Expt. Sta. C. 178,49 p. Jan.1952. 100 W27S

JOHNSON, E. C. Emphasis on [soil] conservation. Wash. Agr. Expt. Sta. C. 186,44 p. Mar.1952. 100 W27S

BAUM, E. L., and ELKINTON, C. M. Preference in the use of butter and oleomargarine in Spokane, Washington. Wash. Agr. Expt. Sta. C. 187,8 p. May 1952. 100 W27S

WASHINGTON. AGRICULTURAL EXPERIMENT STATION. A four-step growing house. Wash. Agr. Expt. Sta. C. 192,8 p.-folder. May 1952. 100 W27S

STATE AGRICULTURAL EXTENSION SERVICE PUBLICATIONS

Includes State Agricultural Extension Service publications received in the library during the preceding month.

Publications issued by the State Agricultural Extension Services are not available from the U. S. Department of Agriculture but are often available from the publishing extension service.

Material not available from the various State institutions may be obtained in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

ARIZONA University, College of Agriculture, Agricultural Extension Service, Tucson

RONEY, J. N. Grasshopper control on Arizona ranges. Ariz. Agr. Col. Ext. C. 188,4 p. June 1951. 275.29 Ar42

RONEY, J. N. Control grasshoppers on crop land. Ariz. Agr. Col. Ext. C. 189,4 p. June 1951. 275.29 Ar42

VAN SANT, W. R. Raising dairy calves and heifers. Ariz. Agr. Col. Ext. C. 198,36 p. Feb.1952. 275.29 Ar42

ARKANSAS University, College of Agriculture, Agricultural Extension Service, Little Rock

ALLEN, E. J., and BURTON, L. H. Home vegetable gardens in Arkansas. Ark. Agr. Col. Ext. C. 140,rev.,29 p. Apr.1951. 275.29 Ar4

POLLARD, W. S. Brooding and raising chicks. Ark. Agr. Col. Ext. C. 194,rev.,20 p. June 1951. 275.29 Ar4

ALLEN, E. J., and BURTON, L. H. 4-H gardening. Ark. Agr. Col. Ext. C. 359,rev.,29 p. Mar. 1951. 275.29 Ar4

HOLLEY, A. L., and HEAD, T. P. Dairying for 4-H Club members. Ark. Agr. Col. Ext. C. 455,rev., 19 p. June 1951. 275.29 Ar4

LUND, C. F., FREYALDENHOVEN, W. H., and ALLEN, E. J. 1952 fertilizer recommendations for Arkansas. Ark. Agr. Col. Ext. C. 467,rev.,15 p. Feb. 1952. 275.29 Ar4

BARNES, G., and LINCOLN, C. 1952 cotton insect control. Ark. Agr. Col. Ext. L. 52,rev.,12 p.-folder. Feb.1952. 275.29 Ar4Le

BELL, M. More for your money. Ark. Agr. Col. Ext. L. 143,4 p.-folder. Jan.1951. 275.29 Ar4Le

HEAD, T. P. More milk in fall and winter. Ark. Agr. Col. Ext. L. 144,rev.,6 p.-folder. May 1952. 275.29 Ar4Le

ALLEN, E. J. Growing tomatoes in Arkansas. Ark. Agr. Col. Ext. L. 148,6 p.-folder. Mar.1952. 275.29 Ar4Le

EMGE, R. G., and FULTON, J. P. Control of strawberry diseases in Arkansas. Ark. Agr. Col. Ext. L. 149,6 p.-folder. Feb.1951. 275.29 Ar4Le

RANDOLPH, B. Methods of preserving strawberries. Ark. Agr. Col. Ext. L. 151,4 p.-folder. Apr. 1951. 275.29 Ar4Le

EMGE, R. G., and FULTON, J. P. Control of diseases of watermelons, cantaloupes, cucumbers, squash. Ark. Agr. Col. Ext. L. 152,8 p.-folder. Apr. 1951. 275.29 Ar4Le

BURTON, L. H. House plants and their care. Ark. Agr. Col. Ext. L. 154,8 p.-folder. May 1951. 275.29 Ar4Le

HOWELL, R. E. Setting implements by the line-diagram method. Ark. Agr. Col. Ext. L. 155,6 p.-folder. Apr.1951. 275.29 Ar4Le

WRIGHT, G. P. Your 4-H recreation. Ark. Agr. Col. Ext. L. 156,4 p.-folder. June 1951. 275.29 Ar4Le

ALSTON, C. Responsibilities in agricultural cooperatives. Ark. Agr. Col. Ext. L. 157,4 p.-folder. June 1951. 275.29 Ar4Le

ROBINSON, H. Check up to pep up. Ark. Agr. Col. Ext. L. 158,6 p.-folder. June 1951. 275.29 Ar4Le

MIRACLE, I. P. Family togetherness. Ark. Agr. Col. Ext. L. 159,4 p.-folder. June 1951. 275.29 Ar4Le

BELL, M. Your nickel's worth. Ark. Agr. Col. Ext. L. 161,4 p.-folder. Nov.1951. 275.29 Ar4Le

ALLEN, E. J. Growing sweet corn. Ark. Agr. Col. Ext. L. 163,6 p.-folder. Jan.1952. 275.29 Ar4Le

GATTIS, J. L., and HOWELL, R. E. Sanitation on the farm. Ark. Agr. Col. Ext. L. 164,6 p.-folder. Dec.1951. 275.29 Ar4Le

MIRACLE, I. P. You are a very important person. Ark. Agr. Col. Ext. L. 165,6 p.-folder. Sept. 1951. 275.29 Ar4Le

HOWELL, R. E., and SLOAN, R. H. Chemical weed control in cotton production. Ark. Agr. Col. Ext. L. 166,6 p.-folder. Jan.1952. 275.29 Ar4Le

RICHARDSON, B., and POLLARD, W. S. Chick brooding with infra-red; Ark. Agr. Col. Ext. L. 167,6 p.-folder. Apr.1952. 275.29 Ar4Le

LANTRIP, D. S., and RUTLEDGE, L. L. Ideas for your 4-H club meetings. Ark. Agr. Col. Ext. Misc. P. 34,8 p. Jan.1951. 275.29 Ar4

WILLIAMS, C. F., and BELL, M. Construction plans for a step-saving U kitchen. Ark. Agr. Col. Ext. Misc. P. 36,11 p. June 1951. 275.29 Ar4Mi

BURTON, L. H. Planting materials for Arkansas landscape designs. Ark. Agr. Col. Ext. Misc. P. 37, 35 p. 1951? 275.29 Ar4Mi

CALIFORNIA University, College of Agriculture, Agricultural Extension Service, Berkeley

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 1951 Napa County poultry management study, by A. Shultis and K. Bissell. Berkeley?1952. 7 p. 275.29 C12En

CONNECTICUT University, College of Agriculture, Agricultural Extension Service, Storrs

OWENS, J. S. Preserving grasses and legumes as silage. Conn. Agr. Col. Ext. Folder 53,6 p. June 1951. 275.29 C76Ex

CONNECTICUT. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Fertilization of grasses and legumes. Storrs,1952. 1 p. 275.2 C76Fg

CONNECTICUT. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 4-H farm and home mechanics record book, by E. L. Palmer. Storrs,1952. 7 p. 275.29 C76Fo

CONNECTICUT. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Suggested seed mixtures, lbs per acre. Storrs,1952. 1 p. 275.2 C76Sus

HAWAII University, Agricultural Extension Service, Honolulu

RUST, I. Some recent legislation affecting the tax status of farmers' cooperatives in Hawaii. Hawaii. U. Agr. Ext. C. 322,4 p. Apr.1952. 275.29 H312Ac

IDAHO University, College of Agriculture, Extension Service, Moscow

WOHLETZ, E., and BURLISON, V. Cold-soak wood preservation. Idaho. Agr. Col. Ext. B. 187,20 p. June 1951. 275.29 Id13

BURLISON, V. H., and PITKIN, F. H. How to plant your trees. Idaho. Agr. Col. Ext. C. 119,6 p.-folder. Dec.1951. 275.29 Id13C

SMITH, V. T., and BAKER, G. O. Fertilizer recommendations for Idaho soils. Idaho. Agr. Col. Ext. C. 120,11 p. Feb.1952. 275.29 Id13C

HABERLY, M. Pickles and relishes for the family table. Idaho. Agr. Col. Ext. C. 121,6 p.-folder. Apr.1952. 275.29 Id13C

KNIGHT, W. H. Idaho's 4-H farm electrification. Idaho. Agr. Col. Ext. Farm Electrif. L. 13,4 p. Feb.1951. 275.29 Id13Fa

KNIGHT, W. H. Electric farm welders. Idaho. Agr. Col. Ext. Farm Electrif. L. 14,4 p. June 1,1951. 275.29 Id13Fa

KNIGHT, W. H. Labor saving ideas. Idaho. Agr. Col. Ext. Farm Electrif. L. 15,4 p. Sept.1951. 275.29 Id13Fa

KNIGHT, W. H. Adequate interior wiring. Idaho. Agr. Col. Ext. Farm Electrif. L.16,4 p. Dec. 1951. 275.29 Id13Fa

KNIGHT, W. H. Kitchen & laundry planning for the electrified farm home. Idaho. Agr. Col. Ext. Farm Electrif. L. 17,4 p. Mar.1952. 275.29 Id13Fa

INDIANA - Purdue University, Agricultural Extension Service, Lafayette

EVERLY, R. T., and others. Growing red clover for seed. Purdue U. Agr. Ext. Misc. Mimeog. 1, 12 p. Feb.1952. 275.29 In2Mm
K. L. Athow, D. E. Burrough, G. H. Cutler, B. E. Montgomery, R. R. Mulvey and K. T. Payne, joint authors.

IOWA State College of Agriculture, Agricultural Extension Service, Ames

IOWA. STATE COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. The European corn borer [Pyrausta nubilalis] and its control in the North Central States. Iowa. State Col. Agr. Ext. Pam. 176,8 p. Feb.1952. 275.29 Io9Pa

IOWA. STATE COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. List of publications (and abstract) Agricultural Experiment Station and Agricultural Extension Service. Ames,1952. 16 p. 275.29 Io9Li

LOUISIANA State University and Agricultural and Mechanical College, Division of Agricultural Extension, University Station, Baton Rouge

LOUISIANA. STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE. DIV. OF AGRICULTURAL EXTENSION. Vegetable planting guide for Louisiana. La. Agr. Col. Ext. P. 1019,4 p. Jan.1952. 275.29 L93Ep
Formerly Leaflet 22.

LOUISIANA. STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE. DIV. OF AGRICULTURAL EXTENSION. Insect control guide. La. Agr. Col. Ext. P. 1046,rev.,10 p. Feb.1952. 275.29 L93Ep

LOUISIANA. STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE. DIV. OF AGRICULTURAL EXTENSION. 1st annual 4-H farm and home electric program for Louisiana. La. Agr. Col. Ext. P. 1088,8 p.-folder. Feb.1951. 275.29 L93Ep

LOUISIANA. STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE. DIV. OF AGRICULTURAL EXTENSION. Louisiana farm and home situation for 1952. La. Agr. Col. Ext. P. 1111,12 p.-folder. Dec.1951. 275.29 L93Ep

SEVERANCE, C. E., comp. Record book,farm and home electric program. La. Agr. Col. Ext. P. 1114, 16 p. Jan.1952. 275.29 L93Ep

MAYEUX, M., and MCKEAN, A. S. Land clearing tools and methods. La. Agr. Col. Ext. P. 1116,14 p. Apr.1952. 275.29 L93Ep

MARYLAND University, Colleges of Agriculture and Home Economics, Extension Service, College Park

MARYLAND. UNIVERSITY. COLLEGE OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. Sprays for home fruit plantings. Md. Agr. Col. Ext. B. 125,rev.,13 p. Apr.1952. 275.29 M36B

MARYLAND. UNIVERSITY. COLLEGES OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. Maryland lawn culture. Md. Agr. Col. Ext. B. 129,rev.,10 p. Apr.1952. 275.29 M36B

MICHIGAN State College of Agriculture and Applied Science, Extension Division, East Lansing

CARLETON, W. M. LP-gas for farm tractors. Mich. State Col. Agr. Ext. Folder 164,10 p. Jan.1952. 275.29 M58

MINNESOTA University, Department of Agriculture, Division of Agricultural Extension, University Farm, St. Paul

SNYDER, L. C., and SMITH, M. E. Woody plants for Minnesota. Minn. U. Agr. Ext. B. 267,24 p. Mar.1952. 275.29 M66S

CUTKOMP, L. K. Control of clothes moths and carpet beetles [Anthrenus scrophulariae]. Minn. U. Agr. Ext. Folder 89,rev.,8 p. May 1951. 275.29 M66Ex

SNYDER, L. C. Strawberries for Minnesota. Minn. U. Agr. Ext. Folder 162,8 p. Mar.1952. 275.29 M66Ex

TURNQUIST, O. C. Getting started with your vegetable garden. Minn. U. Agr. Ext. Folder 164,8 p. Mar.1952. 275.29 M66Ex

SNYDER, L. C. The home lawn. Minn. U. Agr. Ext. Folder 165,8 p. Apr.1952. 275.29 M66Ex

NEW JERSEY State College of Agriculture and Mechanic Arts, Extension Service, Rutgers University, New Brunswick

NEW JERSEY. STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS. EXTENSION SERV. Control of insects and diseases on bush fruits. N. J. Agr. Col. Ext. Spray Calendar 52,8 p. Mar.1952. 275.29 N46Sp

NEW YORK State College of Agriculture and Home Economics, Extension Service, Cornell University, Ithaca

NEW YORK. STATE COLLEGE OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. Sabbatical leave report, by F. B. Morris. Ithaca?1952. 11 p. 275.2 N482Sab

OHIO State University, College of Agriculture, Agricultural Extension Service, Columbus

OHIO. STATE UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Ohio 4-H golden anniversary, 1902 to 1952. Columbus? 1952. 75 p. 275.2 Oh32Ohf

PENNSYLVANIA State College, Agricultural Extension Service, State College

PRICE, E. G., and RASMUSSEN, A. O. 4-H flower gardening handbook. Pa. State Col. Agr. Ext. C. 401,27 p. Apr.1952. 275.29 P38C

BURGE, C. A., and CHRISTIAN, J. A. Beef cattle in Pennsylvania. Pa. State Col. Agr. Ext. C. 402, 16 p. Apr.1952. 275.29 P38C

PENNSYLVANIA. STATE COLLEGE. AGRICULTURAL EXTENSION SERV. New Horizons; annual report for 1951. State College,1952? 24 p. 275.29 P382R

UTAH State Agricultural College, Extension Service, Logan

BOHART, G. E., and KNOWLTON, G. F. Honey bees for higher yields of alfalfa seed in Utah. Utah. State Agr. Col. Ext. C. 154,6 p.-folder. Apr.1952. 275.29 Ut1

WYOMING University, College of Agriculture, Agricultural Extension Service, Laramie

GILDEN, R. O. Low-cost irrigation structures. Wyo. Agr. Col. Ext. C. 122,15 p. Jan.1952. 275.29 W99C

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

Includes publications received in the library during the preceding month.

INTERNATIONAL RICE COMMISSION. WORKING PARTY ON FERTILIZERS. Report of the first meeting convened by the Food and Agriculture Organization of the United Nations, Bogor, Indonesia 14-19 April, 1951. Food & Agr. Organ. United Nations. FAO Devlpmt. Paper. Agr. 11,18 p. Oct.1951. 281.9 F733

FAO list

BIBLIOGRAPHY OF AGRICULTURE

LIBRARY
1952



U.S. DEPARTMENT
OF AGRICULTURE
LIBRARY

72258-80848 SEPTEMBER 1952 VOL. 16, No. 9

The subject index for volume 16 of the Bibliography of Agriculture will appear as number 12 of volume 16, the issue of December 1952.

Abbreviations used in this publication are from the United States Department of Agriculture Bibliographical Bulletin 12, List of Serials Currently Received in the Library of the United States Department of Agriculture, November 1, 1949. June 1950.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library. Copying charges for each periodical article or book are:

MICROFILMS:
$1.00 for each 50 pages or fraction thereof from a single article or book.

PHOTOPRINTS:
$1.00 for each 10 pages or fraction thereof from a single article or book.

ALL CHARGES ARE CASH WITH ORDER. (Only Federal agencies are exempt.)
Enclose payment in cash, library coupon, check, or money order drawn to the Treasurer of the United States.

LIBRARY COUPONS—United States Department of Agriculture Library coupons valued at $1.00 each may be ordered in any quantity.

The printing of this publication has been approved by the Director of the Bureau of the Budget. (Jan. 11, 1950).

UNITED STATES DEPARTMENT OF AGRICULTURE

LIBRARY

BIBLIOGRAPHY OF AGRICULTURE

Vol. 16 | September 1952 Items 72258-80848 | No. 9

CONTENTS

	Item
Plant Science	72258-74405
Systematic and Geographic Botany	72333
Spermatophytes	72353
Pteridophytes	72441
Bryophytes	72444
Algae	72451
Fungi	72463
Pathology	72528
Fungus Diseases	72619
Bacterial Diseases	72802
Virus Diseases	72821
Nematodes	72883
Ecology	72913
Morphology, Anatomy, and Cytology	72950
Genetics	73037
Physiology	73088
Biochemistry	73313
Field Crops	73348
Cereals	73385
Fiber Crops	73469
Forage and Grasses	73493
Oil Crops	73651
Sugar Crops	73663
Tobacco	73694
Horticultural Crops	73706
Fruits	73737
Citrus and Subtropical	73764
Deciduous	73798
Small	73851
Nuts	73901
Shade Trees and Ornamental Plants	73908
Vegetables	74134
Weeds and Poisonous Plants	74233
Miscellaneous	74338
Soils and Fertilizers	74406-74964
Soil Science	74406
Soil Physics	74416
Soil Chemistry	74444
Soil Biology	74468
Soil-Plant-Animal Relationships	74492
Soil Genesis, Formation, Classification and Mapping	74498
Soil Management	74509
Soil Fertility	74538
Tilth and Tillage	74674
Drainage, Irrigation, Water Supply, etc.	74690
Erosion and Control	74824
Sanitation	74904
Materials for Soil Improvement	74909
Primary Materials	74912
Secondary and Minor Element Materials	74914
Mixed Fertilizers and Fertilizer Technology	74924
Fertilizer Statistics	74931
Mineral Soil Amendments	74947
Manures and Composts	74952
Forestry	74964-75723
General	74964
Education	75020
Policies, Programs, Administration	75037
Legislation and Taxation	75097
Description and Resources	75106
Individual Genera	75130
Forest Management and Finance	75159
Farm Woodlands	75201
Mensuration, Surveying, Photogrammetry	75207
Silviculture	75233
Silvicultural Practices	75263
Seeding and Planting	75299
Forest Protection and Damage	75353
Fire	75372
Forest Influences	75380
Miscellaneous Forest Uses	75386
Forest Industries and Trade	75388
Lumbering	75408
Lumbering Equipment	75416
Logging	75423
Sawmills	75444
Processing and Woodworking	75463
Seasoning, Conditioning and Finishing	75476
Wood Preservation and Damage	75487
Forest Products	75510
Lumber and Rough Products	75524
Building Construction	75536
Veneers, Plywood and Adhesives	75549
Furniture	75568
Containers	75573
Pulp and Paper	75574
Chemical Products and Distillates	75645
Naval Stores	75655
Other Forest Products	75667
Wood Technology	75685
Properties and Structure	75710
Animal Industry	75724-77152
Breeds and Breeding	75724
Feeds and Feeding	75738
Veterinary Medicine	75818
Miscellaneous	75965
Cattle	75995
Breeds and Breeding	75995
Feeds and Feeding	76148
Veterinary Medicine	76237
Miscellaneous	76418
Dogs and Cats	76507
Breeds and Breeding	76507
Veterinary Medicine	76516
Miscellaneous	76573
Fur Animals - Pen Raised	76586
Breeds and Breeding	76586
Feeds and Feeding	76592
Veterinary Medicine	76595
Miscellaneous	76599
Horses and Mules	76611
Breeds and Breeding	76611
Feeds and Feeding	76626
Veterinary Medicine	76631
Miscellaneous	76665
Laboratory Animals, Small	76673
Breeds and Breeding	76673
Feeds and Feeding	76674
Veterinary Medicine	76675
Poultry	76677
Breeds and Breeding	76677

For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.
$6.00 per year, domestic; $8.00 per year, foreign. Single copies vary in price.

	Item
Feeds and Feeding	76724
Veterinary Medicine	76770
Miscellaneous	76855
Rabbits	76930
Breeds and Breeding	76930
Feeds and Feeding	76940
Veterinary Medicine	76942
Miscellaneous	76947
Sheep and Goats	76955
Breeds and Breeding	76955
Feeds and Feeding	76976
Veterinary Medicine	76983
Miscellaneous	77009
Swine	77041
Breeds and Breeding	77041
Feeds and Feeding	77064
Veterinary Medicine	77101
Miscellaneous	77131
Entomology	77153-78297
General - Economic	77185
Insecticides	77283
Apiculture and Apis Mellifera	77322
Arachnida, etc.	77591
Coleoptera	77652
Diptera	77809
Culicidae	77916
Hemiptera	77929
Hymenoptera	77998
Lepidoptera	78056
Orthoptera	78214
Sericulture and the Silkworm	78239
Smaller Orders	78251
Agricultural Engineering	78298-78695
General and Miscellaneous	78298
Machines and Equipment	78327
Animal Husbandry	78382
Cultivation and Tillage	78404
Fertilizer and Seed Distributors	78429
Harvesting	78439
Land Clearing Equipment	78475
Processing Equipment Used on the Farm	78477
Repair, Maintenance, and Construction	78508
Spraying and Dusting	78516
Vehicles	78531
Structures and Rural Housing	78571
Animal Shelters and Service Buildings	78584
Farmhouses and Farmsteads	78614
Greenhouses and Plant Service Buildings	78620
Storage Structures	78629
Walls and Fences	78647
Utilities	78656
Electricity and Electrification	78656
Heating, Lighting and Radiation	78672
Power Plants, Motors and Engines	78677
Sewage and Waste Disposal	78689
Water Supply	78691
Agricultural Products: Processing, Distribution, and Statistics	78696-80012
Analysis and Composition	78718
Consumption, etc.	78742
Distribution, etc.	78747
Grading, etc.	78769
Packing and Packaging	78787
Prices, etc.	78795
Processing and Storage	78815
Statistics	78843
Beverages and Condiments	78855
Dairy Products	78948
Analysis and Composition	78987
Consumption, etc.	79054
Distribution, etc.	79059
Grading, etc.	79086
Packing and Packaging	79112
Prices, etc.	79115
Processing and Storage	79120
Statistics	79189
Feed and Forage Crops	79191
Fibers and Textiles	79229
Fruits, Vegetables, and Nuts	79331
Analysis and Composition	79359
Consumption, etc.	79376
Distribution, etc.	79383
Grading, etc.	79431
Packing and Packaging	79456
Prices, etc.	79465
Processing and Storage	79468
Statistics	79534
Grain and Grain Products	79539
Honey and Beeswax	79633
Livestock and Livestock Products	79649
Analysis and Composition	79684
Distribution, etc.	79700
Grading, etc.	79720
Packing and Packaging	79729
Prices, etc.	79730
Processing and Storage	79735
Statistics	79764
Oils and Oilseeds	79773
Poultry and Poultry Products	79834
Rubber and Rubber Substitutes	79884
Seeds	79896
Sugar and Sirups	79915
Tobacco	79980
Miscellaneous	79997
Agricultural Economics and Rural Sociology	80013-80640
Agricultural Finance	80023
Credit	80027
Income	80055
Inflation	80062
Insurance	80064
Taxation	80069
Agricultural Labor and Wages	80084
Agriculture - Situation, Policies, and Programs	80122
Subsidies	80249
Farm Management and Land Economics	80250
Bookkeeping and Records	80321
Costs and Returns	80325
Land Settlement and Colonization	80361
Land Tenure	80366
Land Utilization	80405
Land Values, etc.	80417
Population	80421
Rural Social Organization	80427
Human Ecology	80435
Institutions	80444
Rural Organizations and Movements	80545
Rural Social Psychology	80593
Trade, Foreign and International	80599
Food and Human Nutrition	80641-80702
Food Habits	80678
Nutritive and Vitamin Content	80679
Miscellaneous	80703-80848
History and Biography	80748
Home Management	80789
International Relations	80805
Meteorology	80806
Research	80823
Statistics	80847

U. S. D. A. Publications p. 188

State Agr. Expt. Sta. Publications p. 192

State Agr. Ext. Serv. Publications p. 196

Food and Agr. Organ. of the U. N. p. 198

AUTHOR INDEX p. 200

CORRECTION

Item 60599 in July 1952 issue is Missouri State Fruit Experiment Station Circular 33 not Missouri Agricultural Experiment Station Circular 33.

The printing of this publication has been approved by the Director of the Bureau of the Budget. (Jan. 11, 1950)

PLANT SCIENCE

GENERAL

72258 AISO, K., and others. "Mycelin" a new antifungal substance extracted from the mycelium of a Streptomyces. J. Antibiotics 5:218-219. Apr.1952. 396.8 J824
T. Arai, K. Washida, and T. Tanaami, joint authors.

72259 ANDERSON, E. Plants, man and life. Boston, Little,Brown,1952. 245 p. 452.6 An2

72260 ARMSTRONG, A. M. Color photography. Cactus & Succulent J. 24:59-61. Mar./Apr.1952. 451 C11

72261 ARNOLD, C. A. Paleobotanical investigations in Naval Petroleum Reserve No. 4, Alaska. Science 116: 61-62. July 18,1952. 470 Sci2

72262 BECKETT, E. When wild flowers paint the tundra. Beaver, June 1952:36-38. 110 B38

72263 BHARUCHA, F. R. Vegetation cartography. Indian Forester 78:305-310. June 1952. 99.8 In2

72264 BONNIER, C. Sur les propriétés antibactériennes de la graine d'Arachis hypogaea L. Soc. de Biol. Compt. Rend. 146:309-310. Feb.1952. 442.9 P21

72265 BROCKMANN, H., GENTH, H., and STRUFE, R. Antibiotica aus Actinomyceten. IX. Pikromycin. II. Chem. Ber. 85:426-433. 1952. 384 B45

72266 CARDELLE, G. Antibióticos y botánica. Soc. Cubana de Bot. Rev. 8:59-71. Ref. Oct./Dec.1951. 451 So123

72267 CHALONER, W. G. On Lepidocarpon waltoni, sp. n., from the lower carboniferous of Scotland. Ann. & Mag. Nat. Hist. (ser.12)5:572-582. Ref. June 1952. 410 An77

72268 CLOVER, E. U. Methods of collecting cacti for the herbarium and botanical garden. Cactus & Succulent J. 24:72-75. May/June 1952. 451 C11

72269 COUPER, R. A. The spore and pollen flora of the Cocos-bearing beds, Mangonui, North Auckland. Roy. Soc. New Zeal. Trans. & Proc. 79:340-348. Mar.1952. 514 W46

72270 COZZO, D. Las plantas de vidrio de la Universidad de Harvard. Chacra 22(259):24. June 1952. 9 C34

72271 CRUZ, R. D', and SANTAPAU, H. A note on the Jayakrishana Indrji Thaker collection of plants. Poona Agr. Col. Mag. 42:210-233. Feb.1952. 22 P79

72272 DAHLGREN, K. V. O. Philosophia botanica; a bicentennial memorial. (In Swedish.) Svenska Linné-Sallsk. Arsskr. 33/34:1-30. Ref. 1950/51. 502 Sv2

72273 DIGHE, P. Y., and JOSHI, N. V. Bactericidal properties of some select plants. Bombay. U. J. Sect. A, Phys. Sci. (n.s.)20:105-108. Nov.1951. 513 B633

72274 DUERDEN, H., and WRIGHT, A. S. A ligulate pteridophyte from the lower coal measures of Bacup, Lancashire. Nature [London] 170:41-42. July 5,1952. 472 N21

72275 EGLE, K. Tierfangende pilze—"aussenseiter" des pflanzenreichs. Umschau 52:135-137. Mar.1,1952. 474 Um7

72276 FRANCE. MINISTRE DE AGRICULTURE. DIRECTION DE LA PRODUCTION AGRICOLE. Les associations syndicales et les problèmes de la lutte contre la grêle et la gelée. Phytoma 5(35):25-28. Feb. 1952. 464.8 P563

72277 FRIES, R. E. Travels of the apostles of Linné; commentaries to a map. (In Swedish.) Svenska Linné-Sällsk. Arsskr. 33/34:31-40. 1950/51. 502 Sv2

72278 GAUCKLER, K. Pflanzenwelt und tierleben in den landschaften um Nürnberg - Erlangen. Erlangen, Lunge,1951. 51 p. 409 G23

72279 GRUMBACH, A., SCHMID, H., and BENCZE, W. Über ein pflanzliches antibiotikum. Experientia 8:224-225 June 15,1952. 475 Ex7
English summary.
Plumiera acutifolia.

72280 GUILLAUMIN, A. Voyage botanique et horticole autour du monde. B. Hort. (n.s.)7:140-141. May 1, 1952. 80 B873

72281 GUINIER, P. Comment les arbres racontent leur histoire. Rev. du Bois 7(6):11-12. June 1952. 99.82 R32

72282 HARRIS, R. S. The indigenous edible plants of Latin America. Internatl. Z. f. Vitaminforsch. 23:404-414. Ref. 1952. 389.8 Z33

72283 HARRIS, T. M. Notes on the Jurassic flora of Yorkshire. 55-57. Ann. & Mag. Nat. Hist. (ser.12)5:614-627. Ref. June 1952. 410 An77

72284 HIRST, J. M. An automatic volumetric spore trap. Ann. Appl. Biol. 39:257-265. June 1952. 442.8 An72

72285 HOFMANN, E. Der dritte Karbonstratigraphische Kongress in Heerlen 1951. Phyton [Horn] 3:193-209. Dec.6,1951. 450 P565

72286 JANSE, J. A. Hortus medicus amstelodamensis. (In Dutch.) Succulenta 2:34-35. Mar./Apr.1952. 450 Su12

72287 KENDALL, M. W. Some conifers from the Jurassic of England. Ann. & Mag. Nat. Hist. (ser.12)5: 583-594. June 1952. 410 An77

72288 KLINCKOWSTROEM, C. GRAF VON. Chronik der bäume. Kosmos 48:114-117. Mar.1952. 474 K842
Tree rings.

72289 KOSCH, A., STEHLI, and GÖTZ. Was find ich in den Alpen? Tabellen zum bestimmen der wichtigsten pflanzen, tiere und insekten der Alpen. Stuttgart,Franckh, 1952. 164 p. (Kosmos-Naturführer) 409 K843W

72290 KRAJIAN, A. A., and GRADWOHL, R. B. H. Histopathological technic, including a discussion of botanical microtechnic. Ed. 2. St. Louis,C. V. Mosby,1952. 362 p. 444 K852

72291 KRÖSCHE, O. Vom pilz zum penicillin. Murnau,Lux,1951? 31 p. (Kleine Bibliothek des Wissens, Lux-Lesebogen Natur- und Kulturkundliche 108) 462.5 K92

72292 LEESON, W. M. West Virginia University Arboretum. W. Va. Acad. Sci. Proc. 23:44-48. 1951,pub. 1952. 500 W52

72293 LINNE, K. VON. Herbationes upsalienses; record of the Linné excursions in the Uppsala area published by the Swedish Linné Society. I. Collecting trips 1747; edited and annotated by Ake Berg; with an introduction by Arvid Hj. Uggla. (In Swedish.) Svenska Linné-Sällsk. Arsskr. 33/34:95-162. 1950/51. 502 Sv2

72294 MCKENNON, F. The Division of Plant Industry. Oreg. Dept. Agr. Agr. B. 174:3-4. June 1952. 2 Or3

72295 MÄGDEFRAU, K. Botanik. Heidelberg,Winter, 1951. 241 p. (Winters Studienführer. Gruppe Mathematik und Naturwissenschaften) 463 M27

72296 MARCELLE, H. Callixylon velinense nov. sp. un bois à structure conservée du dévonien de Belgique. Acad. Roy. de Belge. Cl. des Sci. B. (ser.5)37:908-920. Ref. Oct.13,1951. 504 B83B

72297 MARENGO, N. P. Formalin-pyrogallol as a fixative for plant cytoplasm. Stain Technol. 27:209-211. July 1952. 442.8 St1

72298 MEHLISCH, K. Die pflanzennamen. IV. Saatgut-Wirt. 4:53-54. Mar.1952. 61.8 Sa1

72299 MESA BERNAL, D. La botánica, ciencia creadora de riqueza. Agr. Trop. 8(5):35-37. May 1952. 26 Ag8

72300 MILES, P. M. Preservation of insect and plant specimens in transparent plastics. Plant Pathol. 1:65-68. June 1952. 464.8 P692

72301 MOOLANI, M. K. The place of botany in tackling the food problem. Poona Agr. Col. Mag. 42:270-273. Feb.1952. 22 P79

72302 MORRIS, E. H. Note on the Durango dates. Tree-Ring B. 18:36. Apr.1952. 99.8 T713

72303 MUNN, M. T. More about slant paper-rolls for germination testing. Assoc. Off. Seed Anal. News Let. 26:28-29. Feb.1952. 61.9 As7N

72304 NYBOM, N. A device for facilitating the paraffin embedding procedure. Hereditas 38:248-250. 1952. 442.8 H42

72305 PEREZ ARBELAEZ, E. El diario de la expedición botánica en la Mesa de Juan Diaz. Acad. Colomb de Cien. Exact., Fís. y Nat. Rev. 8:358-379. Dec.1951. 516 Ac1

72306 PERRY, F. Ethno-botany of the Indians in the interior of British Columbia. Mus. & Art Notes (ser.2) 2(2):36-43. Apr.1952. 517 V28

72307 PRUD'HOMME VAN REINE, W. J. Wat vind ik in de duinen? Excursiekoekje voor de Nederlandse duinterreinen langs de Noordzee [What do I find in the dunes? Excursion guide for the Dutch dune area along the North sea]. Ed. 2. Zutphen,Thieme,1952. (Zakboeken voor Natuurvrienden) 409 P952
Chiefly plants and insects.

72308 QUINBY, J. Botanical books, prints & drawings from the collection of Mrs. Roy Arthur Hunt. Dept. of Fine Arts. Carnegie Institute, Pittsburg, Pa., Jan. 3d to Feb.17th, 1952. Portland,Maine,1951. 63 p. 241.75 Q4

72309 ROBERTS, D. C., and BARGHOORN, E. S. Medullosa olseniae: a Permian Medullosa from north central Texas. Harvard U. Bot. Mus. L. 15:191-200. Ref. Apr.28,1952. 451 H262

72310 ROBERTY, G. Les cartes de la végétation ouest-africaine à l'échelle du 1/1.000.000e. Inst. Franç. d'Afrique Noire. B. 14:686-694. Apr.1952. 515 D14

72311 SANTA BARBARA BOTANIC GARDEN. Annual report, 1951. n.p.,1952. 28 p. 451 Sa5A

72312 SCHULMAN, E. Extension of the San Juan chronology to B.C. times. Tree-Ring B. 18:30-35. Apr. 1952. 99.8 T713

72313 SINGAPORE. BOTANIC GARDENS DEPT. Annual report for 1950. Singapore,1951. 6 p. 451 St8

72314 SINGH, T. C. N., and RAJAGOPALAN, V. R. Ammonia treatment of plant sections to enhance differentiation and permanency. Stain Technol. 27:223-224. July 1952. 442.8 St1

72315 SOMMER, F. W. The problem of Protosalvinia braziliensis Dawson. (In Portuguese.) Acad. Bras. de Cien. An. 23:415-419. Ref. 1951. 516 R473A
English summary.

72316 SRIVASTAVA, P. N. A new record of an Equisetalian cone from Raniganj coalfield, India. Cur. Sci. 21:98. Apr.1952. 475 Sci23

72317 STEERE, W. C. Botanical research in Alaska. In National Academy of Sciences. Science in Alaska, p.103-110. Ref. Washington,1952. 330.9 C69

72318 SUDIA, T. W. A statistical analysis of twenty pollen spectra from a single stratum of Amanda bog (Ohio). Ohio J. Sci. 52:213-215. July 1952. 410 Oh3

72319 TAIRA, T., and FUJII, S. New antibiotics produced by Micromonospora sp., microcin A and B. (In Japanese.) J. Antibiotics 5:185-187. Apr.1952. 396.8 J824
English summary.

72320 TAKAHASHI, I. Studies on the antibiotic substances from Actinomyces. XX. J. Antibiotics 5:192-194. Apr.1952. 396.8 J824

72321 TAYLOR, R. L. Plants of colonial days: a guide to one hundred & sixty flowers, shrubs, and trees in the gardens of Colonial Williamsburg. Williamsburg, Va.,1952. 107 p. 97.4 T21
Includes biographical notes on early botanists.

72322 TOTH, A. Neutralrottärbung im fluoreszenzlicht. Protoplasma 41:103-110. Ref. Jan.5,1952. 442.8 P94

72323 UITEWAAL, A. J. A. History. (In Dutch.) Succulenta 2:18-21. Mar./Apr.1952. 450 Su12
Early literature on the Cape flora.

72324 VERDOORN, F. Problems connected with the writing of botanical history. Madjalah Ilmu Alam untuk Indonesia 107:170-176. Nov./Dec.1951. 514 B31

72325 VOUK, V. Botanik und phytologie. Phyton [Horn] 3:135-141. Ref. Dec.6,1951. 450 P565

72326 WALLIN, S. Documents concerning the possessions of the Linné family. (In Swedish.) Svenska Linné-Sällsk. Arsskr. 33/34:67-94. 1950/51. 502 Sv2

72327 WATKINS, J. V. Gardens of the Antilles. Gainesville,U. of Fla. Press,1952. 244 p. 97 W32

72328 WHITEHOUSE, W. E. Plastic film in foreign plant shipments. Amer. Nurseryman 96(2):18-20,124-129. July 15,1952. 80 Am371

72329 WIGGINS, I. L. The future of botanical research in Alaska. In National Academy of Sciences. Science in Alaska, p.111-122. Ref. Washington,1952. 330.9 C69

72330 WILLIS, J. H. Botany of the Russell Grimwade Expedition. Natl. Mus. Victoria. Mem. 17:33-64. Mar. 1951. 514 M484

72331 WINTER, A. G., and WILLEKE, L. Untersuchungen über antibiotica aus höheren pflanzen. IV. Naturwissenschaften 39:45-46,190-191,236-237. Jan.15, Apr.15,May 15,1952. 474 N213
Includes Tropaeolum maius and gramineae.

72332 WOMERSLEY, J. S. The Papua and New Guinea herbarium. Flora Malesiana B. 8:262-264. July 1951. 460.21 B81

SYSTEMATIC AND GEOGRAPHIC BOTANY

General

72333 ALVAREZ CONDE, J. La flora de Cuba. Soc. Cubana de Hist. Nat. Felipe Poey. Mem. 21:123-149. Apr.28,1952. 410.9 So15

72334 BECHERER, A. Ein halbes jahrhundert floristischer neufunde in der Schweiz. Natforsch. Gesell. Basel. Verhandl. 62:224-244. 1951. 508 B29

72335 BINZ, A. Ergänzungen zur flora von Basel. Natforsch. Gesell. Basel. Verhandl. 62:248-266. 1951. 508 B29

72336 BROHMER, P. Feld. Heidelberg,Quelle & Meyer,1951. 134 p. (His Deutschlands Pflanzen- und Tierwelt. Führer durch die Heimischen Lebensräume) 409 B78Fe

72337 CLAPHAM, A. R., TUTIN, T. G., and WARBURG, E. F. Flora of the British Isles. Cambridge, U. Press,1952. 1591 p. 458 C53

72338 DAVIS, R. J. Flora of Idaho. Dubuque,Brown, 1952. 828 p. 455.84 D29
Includes plant geography of Idaho, by R. F. Daubenmire.

72339 EMBERGER, L. Sur le quotient pluviothermique. Acad. des Sci. Compt Rend. 234:2508-2510. June 23,1952. 505 P21
Its application to plant geography.

72340 IRGENS-MØLLER, H. Canada's flora in Denmark. (In Danish.) Haven 52:101-102. July/Aug. 1952. 80 H29

72341 JOHNSON, H. A Cactus collector in the Andes; an account of a second expedition to the west coast of South America. Cactus & Succulent J. 24:52-54. Mar./Apr.1952. 451 C11

72342 KERN, J., and REICHGELT, T. Our river banks, a botanical treasury. (In Dutch.) Levende Nat. 55 106-115. (Cont.) June 1952. 410 L57

72343 KNABEN, G. Botanical investigations in the middle districts of western Norway. Bergen. U. Arb. Natvitensk. Rekke 1950(8),117 p. Ref. 1952. 502 B45

72344 LAKELA, O. Previously unreported plants from Minnesota. Rhodora 54:163-164. June 1952. 450 R34

72345 LAWRENCE, G. H. M. Morphology and the taxonomist. Phytomorphology 2:30-34. Ref. Mar.1952. 450 P566

72346 LE GALLO, C. Florule de la Vallée Matapédia. Notes phytogéographiques. Nat. Canad. 79:142-171. Ref. Apr.1952. 410 N216

72347 LOUSLEY, J. E. Botanical records for 1951. London Nat. 31:10-13. 1951,pub.June 1952. 420 L843

72348 LUOMALA, K. Plants of Canton Island, Phoenix Islands. Bernice P. Bishop Mus. Occas. Papers 20:157-174. Aug.1,1951. 500 B45O

72349 PESOLA, V. A. The plants on the cultural places in Kuusamo and Salla more than thirty years ago. (In Finnish.) Suomen Maataloustiet. Seura. Maataloustiet. Aikakausk. 24:30-34. 1952. 20 Su7M
English summary.

72350 PONCE DE LEÓN Y AYMÉ, A. Nociones de botánica sistemática. Soc. Cubana de Bot. Rev. 8:72-79. Oct./Dec.1951. 451 So123

72351 WALTON, C. L. A contribution to the flora of the St. David's Peninsula. Haverfordwest,West Wales Field Soc.,1951. 28 p. 458 W17

72352 WHITEHOUSE, M. The present flora of Barnes Common, Surrey. London Nat. 31:17-19. 1951,pub.June 1952. 420 L843

Spermatophytes

72353 AGRAWAL, J. S. The embryology of Lilaea subulata H.B.K. with a discussion on its systematic position. Phytomorphology 2:15-29. Ref. Mar.1952. 450 P566

72354 ALTHAUSEN, H. Orchid species from Brazil. Amer. Orchid Soc. B. 21:263-266. Mar.1952. 80 Am329

72355 ARÈNES, J. À propos de Centaurea (section Calcitrapa) de l'Afrique tropicale occidentale. Inst. Franç. d'Afrique Noire. B. 14:28-32. Jan.1952. 515 D14

72356 BACKEBERG, C. Mamillaria nouveaux. Jard. Bot. Les Cèdres: Notes et Observ. 1:1-7. In Cactus [Paris] 7(31). Mar.15,1952. 450 C114

72357 BANGERTER, E. B., and WELCH, B. The London rocket and its allies of the London area. London Nat. 31:13-17. 1951,pub.June 1952. 420 L843
Sisymbrium species and Descurainia.

72358 BEANE, L. On the taxonomic status of some of the Pacific Coast lilies. No. Amer. Lily Soc. Lily Ybk. 5:25-29. 1952. 96.46 N81

72359 BECHERER, A. Lagoseris sancta (L.) K. Maly ssp. nemausensis (Gouan) Thell. als neuer bestandteil der Schweizer flora. Natforsch. Gesell. Basel. Verhandl. 62:83-90. Ref. 1951. 508 B29

72360 BEIJERINCK, W., and PELKWIJK, A. J. TER. New blackberries in the Drenthe district. (In Dutch). Levende Nat. 55:89-96. May 1952. 410 L57

72361 BLACKBURN, B. Trees and shrubs in eastern North America. Keys to the wild and cultivated woody plants growing in the temperate regions, exclusive of conifers. New York,Oxford U. Press,1952. 358 p. 454 B56

72362 BOYCE, S. G., and GODFREY, R. K. Distribution notes on some grasses in North Carolina. Castanea 17:73-77. June 1952. 450 So82

72363 BOYER, J. Les cactées dans leur pays; les Echinocereus. Cactus [Paris] 7(31):7-10. (Cont.) Mar. 15,1952. 450 C114

72364 BUSCHMANN, A. Zur kenntnis von Fritillaria meleagris Linné. Phyton [Horn] 3:276-297. Ref. Dec.6, 1951. 450 P565

72365 BUXBAUM, F. Ein neuer fundort von Gentiana punctata L. β concolor Koch. Phyton [Horn] 3:231. Dec.6,1951. 450 P565

72366 BUXBAUM, F. On Neobinghamia Backeberg. Natl. Cactus & Succulent J. 7:11. 1952. 450 N21

72367 CALLEN, E. O. Studies in the genus Euphrasia L. III. Rhodora 54:145-156. Ref. June 1952. 450 R34

72368 CAÑIGUERAL CID, J. Contribución al estudio de la flora balear. Barcelona. Inst. Bot. Collect. Bot. 3: 101-107. 1951. 451 B234

72369 CARROTHERS, E. N. Giesecke's report of Ledum palustre L. and Papaver nudicaule L. in Ireland. Irish Nat. J. 10:264-266. Apr.1952. 410 Ir42

72370 CATTORINI, P. E. The Ammi visnaga Lam. seen from another point of view. (In Italian.) Fitoterapia 21:145,147-152,154-155. Oct./Dec.1950. 450 F55

72371 CORRELL, D. S. Section Tuberarium of the genus Solanum of North America and Central America. U. S. D. A. Agr. Monog. 11,243 p. Ref. May 1952. 1 Ag84Am

72372 CUATRECASAS, J. Notas a la flora de Colombia. XI. Acad. Colomb. de Cien. Exact., Fís. y Nat. Rev. 8:297-328. Dec.1951. 516 Ac1
Includes new species in Hieronyma, Fagara, Cedronia n.g., Cupania, Talisia, Schoenobiblus, Dendropanax, Oreopanax, Schefflera, Clavija, Ardisia, Conomorpha, Grammadenia, Geissanthus, Parathesis, Rapanea, Stylogyne, and Weigeltia.

72373 DAVIS, H. A., and DAVIS, T. The genus Rubus in West Virginia. W. Va. Acad. Sci. Proc. 23:37-43. 1951,pub.1952. 500 W52

72374 DE BOER, H. W. Lithops triebneri (L. Bol.). (In Dutch.) Succulenta 2:35-36. Mar./Apr.1952. 450 Su12

72375 DE BOER, H. W. Nananthus rubrolineatus (N. E. Br.) Schwant. (In Dutch.) Succulenta 2:26-27. Mar./Apr.1952. 450 Su12

72376 DUGAND, A. Palmas nuevas o notables de Colombia. Acad. Colomb. de Cien. Exact., Fís. y Nat. Rev. 8:385-396. Dec.1951. 516 Ac1
New species in Mauritiella, Metasocratea, and Euterpe.

72377 EAMES, A. J. Relationships of the Ephedrales. Phytomorphology 2:79-100. Ref. Mar.1952. 450 P566

72378 EMSWELLER, S. L. Further exploration for Pacific Coast lilies of the United States. No. Amer. Lily Soc.Lily Ybk. 5:7-24. 1952. 96.46 N81

72379 FONT QUER, P. Nota sobre el "Delphinium loscosii" Costa. Barcelona. Inst. Bot. Collect. Bot. 3:77-84. 1951. 451 B234

72380 FOURNIER, P. Flore illustrée des jardins et des parcs. Arbres, arbustes et fleurs de pleine terre. Paris,Lechevalier,1951-52. 2 v. and atlas. (Encyclopédie Biologique 38-40) 452 F822

72381 FRANCO, J. DO A. Exotic woody plants of Serra do Geres. (In Portuguese.) Agron. Lusitana [Lisbon] 12:381-402. 1950. 105.7 Ag8

72382 GEYER, A. L. Les Lithops. Cactus [Paris] 7(31):23-26. Mar.15,1952. 450 C114

72383 HAINES, R. W. Haloxylon schweinfurthii Asch (Chenopodiaceae) near Cairo. Inst. Fouad Ier du Désert. B. 1:77-80. Jan.1951. 515 In7

72384 HARDIN, J. W. The Juglandaceae and Corylaceae of Tennessee. Castanea 17:78-89. June 1952. 450 So82

72385 HATCH, E. D. A new species of Corybas Salisbury, and a note on some name changes in Wahlenbergia Schrader. Roy. Soc. New Zeal. Trans. & Proc. 79: 366-369. Mar.1952. 514 W46

72386 HATCH, E. D. The New Zealand forms of Thelymitra J. R. and G. Forster and appendices. I. Roy. Soc. New Zeal. Trans. & Proc. 79:386-402. Mar.1952. 514 W46

72387 HEGI, G. Alpenflora; die verbreitetsten alpenpflanzen von Bayern, Österreich und der Schweiz. Ed. 10, rev. München,Hanser,1951. 96 p. 459 H363Ag

72388 HERMANN, F. J. Carex acutiformis in Indiana. Amer. Midland Nat. 48:36. July 1952. 410 M58

72389 HERRE, H. Our knowledge of the Mesembryanthemaceae. (In Dutch.) Succulenta 2:22-26. Mar./Apr. 1952. 450 Su12

72390 HILL, A. K. G. A book of trees. London, Faber and Faber,1951. 15 p. 99.3 H552

72391 HIYAMA, K. Adenophora triphylla var. japonica f. rotundifolia Hiyama. J. Jap. Bot. 27:52. Feb.1952. 450 J8223

72392 HIYAMA, K. On Vicia nipponica Matsum. (In Japanese.) J. Jap. Bot. 27:18. Jan.1952. 450 J8223
English summary.

72393 HIYAMA, K. Two varieties of Tricyrtis latifolia Maxim. (In Japanese.) J. Jap. Bot. 27:26. Jan. 1952. 450 J8223
English summary.

72394 HULTÉN, E. Flora of Alaska and Yukon. X Lund. U. Årsskr. 46:1483-1902. 1950. 502 L97

72395 ISLAM, A. S. Alsophila glabra (Bl.) Hook. from Sylhet. Sci. & Cult. 17:473-474. May 1952. 475 Sci24

72396 JANSE, J. A. On Euphorbia xylophylloides Br. ex Lem. and Euphorbia enterophora Dr. D. Cast. Cactus & Succulent J. Gt. Brit. 14(2):43-44. Apr.1952. 450 C113

72397 JOHNSON, H. A Cactus collector in the Andes. II. Cactus & Succulent J. 24:81-92. May/June 1952. 451 C11

72398 KNAPP, G., and KNAPP, R. Uber goldhaferwiesen (Trisetum flavescentis) im nördlichen Vorarlberg und im Oberallgäu. Landwirt. Jahrb. f. Bayern 29:239-256. Ref. May/June 1952. 18 L24

72399 KOSCH, A. Welcher baum ist das? Tabellen zum bestimmen der wichtigsten holzgewächse Mitteleuropas. Stuttgart,Franckh,1951. 194 p. (Kosmos-Naturführer) 459 K842We

72400 LAMPRECHT, H. Genanalytische studien zur artberechtigung von Pisum humile Boiss. et Noë. Agr. Hort. Genet. 9:107-134. Ref. 1951. 64.8 Ag8
English summary.

72401 LEHMANN, E., and GAEBERT, H. W. Indische steppenpflanze in libyscher wüste. Orion 7:303-305. Apr.1952. 474 Or4
Kochia indica.

72402 LEPAGE, E. Les Betula de la série humiles D. J. Koch et description d'un nouvel hybride. Nat. Canad. 79:121-126. Ref. Mar.1952. 410 N216

72403 LHOTE, H. Plantes récoltées dans le nord Cameroun. Inst. Franç. d'Afrique Noire. B. 14:694-700. Apr.1952. 515 D14

72404 LINDSAY, G., and DAWSON, E. Y. Mammillarias of the islands off northwestern Baja California, Mexico. Cactus & Succulent J. 24:77-84. Ref. May/June 1952. 451 C11

72405 MEYER, R. C. A study of the grass flora of Staten Island. Staten Isl. Inst. Arts & Sci. Proc. 14:12-17. Spring 1952. 500 St2

72406 MICKALITIS, A. B. Box huckleberry [Gaylussacia brachycera] most unique shrub native to Pennsylvania. Pa. Forests & Waters 4:45. Mar./Apr.1952. 99.8 P38

72407 NELMES, E., and BALDWIN, J. T., JR. Cyperaceae in Liberia. Amer. J. Bot. 39:368-393. Ref. June 1952. 450 Am36

72408 OHIO. STATE UNIVERSITY. DEPT. OF BOTANY AND PLANT PATHOLOGY. Guide to Ohio plants; a teaching manual of vascular plants for use in field and laboratory, by J. N. Wolfe, A. Waller, S. S. Humphrey, and C. Weishaupt. Columbus,Long's College Book Co.,1952. 266 p. 455.35 Oh3

72409 PLATT, R. H. American trees; a book of discovery. New York,Dodd,Mead,1952. 256 p. 99.3 P692

72410 PORTER, C. L. Novelties in Hermidium (Nyctaginaceae) and Astragalus (Leguminosae) from eastern Utah. Rhodora 54:158-161. June 1952. 450 R34

72411 PULLAR, E. A. Indian pipes [Monotropa uniflora], curious parasites. Horticulture 30:277. July 1952. 80 H787

72412 RECHINGER, K. H. Die ausdauernden Ziziphora-arten des Iranischen hochlandes und seiner nachbargebiete. Phyton [Horn] 3:161-172. Dec.6,1951. 450 P565

72413 RIZZINI, C. T. Dichapetalaceae Brasilienses. Rev. Bras. de Biol. 12:97-108. Apr.1952. 442.8 R326
Includes new spp. in Dichapetalum, Stephanopodium and Tapura.

72414 ROLLINS, R. C. A note on Halimolobos. Rhodora 54:161-163. June 1952. 450 R34

72415 ROMERO CASTAÑEDA, R. Una nueva especie colombiana de Aragoa [A. kogiorum]. Acad. Colomb. de Cien. Exact., Fís. y Nat. Rev. 8:384. Dec.1951. 516 Ac1

72416 ROSVALL, S., and PETTERSSON, B. Gotlands orkidéer [Gotland's orchids]. Stockholm,Bonnier,1951. 101 p. 452.3 R732

72417 RUSH, H. G., and DAWSON, E. Y. Pilocereus polygonus—new to Cuba. Cactus & Succulent J. 24:46-47. Mar./Apr.1952. 451 C11

72418 ST. JOHN, H. Monograph of the genus Isodendrion (Violaceae). Hawaiian Plant Studies 21. Pacific Sci. 6:213-255. Ref. July 1952. 475 P11

72419 SCHRETZENMAYR, M. Bestimmungsschlüssel für die wichtigsten laubhölzer im winterzustand. Jena,Fischer,1951. 8 p. fold. 99.3 Sch7

72420 SCHULTES, R. E. Contribución al conocimiento de la flora amazónica de Colombia. I. Acad. Colomb. de Cien. Exact., Fís. y Nat. Rev. 8:397-408. Dec.1951. 516 Ac1

72421 SCHWEINFURTH, C. An unusual Cranichis from South America. Amer. Orchid Soc. B. 21:268. Mar.1952. 80 Am329

72422 SHANKS, R. E. Notes on woody plant distribution in Tennessee. Castanea 17:90-96. June 1952. 450 So82

72423 SHINNERS, L. H. The Texas species of Palafoxia (Compositae). Field & Lab. 20:92-102. Ref. June 1952. 470 F46

72424 SILVA, A. R. P. DA, and SOBRINHO, L. G. Vascular flora of Serra do Geres. (In Portuguese.) Agron. Lusitana [Lisbon] 12:233-380. 1950. 105.7 Ag8

72425 SIMPSON, G. Notes on some New Zealand plants and descriptions of new species (No. 5). Roy. Soc. New Zeal. Trans. & Proc. 79:419-435. Mar.1952. 514 W46
Includes new species in Arthropodium, Ranunculus, Anisotome, Gentiana, Myosotis, Hebe, Wahlenbergia, Brachycome, and Cotula.

72426 SMART, C. The life history of Tupeia Cham. et Schl. (Loranthaceae). Roy. Soc. New Zeal. Trans. & Proc. 79:459-466. Ref. Mar.1952. 514 W46

72427 SOBRINHO, L. G., and ROMARIZ, C. A genus [Calamogrostis] of Gramineae new to the flora of Portugal. (In Portuguese.) Agron. Lusitana [Lisbon] 12:229-232. 1950. 105.7 Ag8

72428 SOUSA, E. P. DE. Contribuições para o conhecimento da flora da Guiné Portuguesa [Contributions to a knowledge of the flora of Portuguese Guinea]. Portugal. Junta de Invest. Colon. An. 5,64 p. 1950. 506 P83

72429 STEYERMARK, J. A. The genus Platycarpum (Rubiaceae). Amer. J. Bot. 39:418-423. Ref. June 1952. 450 Am36

72430 STEYERMARK, J. A. New Brazilian species of Utricularia. Torrey Bot. Club. B. 79:310-311. July/Aug.1952. 451 T63B

72431 TAYLOR, G. Additional notes on plants flown from Bhutan. Roy. Hort. Soc. J. 77:237-244. July 1952. 84 L84J
Includes new species of Aconitum.

72432 TISCHER, A. The systematics of Conophytum N.E. Br. Cactus & Succulent J. Gt. Brit. 14(2):32-33,44. (Cont.) Apr.1952. 450 C113

72433 TUYAMA, T. Notes on Gastrodia of Japan. 1. Rediscovery of Gastrodia gracilis Bl. from Dr. Makino's herbarium. (In Japanese.) J. Jap. Bot. 27:19-26. Jan. 1952. 450 J8223
English summary.

72434 UITEWAAL, A. J. A. Aloë's. (In Dutch.) Succulenta 2:28-31. Mar./Apr.1952. 450 Su12

72435 VALETON, H. C. Acacia cultriformis. (In Dutch.) Huis en Hof 4:28-29. Feb. 1952. 80 H87

72436 WARD, C. J. A note on the Natal habitats of Psilotum triquetrum Sw. Natal. U. Sci. Soc. J. 7:27-28. 1951. 515 N192

72437 WARNER, M. F. Anapodophyllon [Podophyllum]—the wild duck's foot leaf. Natl. Hort. Mag. 31:173-180. Apr.1952. 80 N216

72438 WEBER, W. A. The genus Helianthella (Compositae). Amer. Midland Nat. 48:1-35. Ref. July 1952. 410 M58

72439 WEBER, W. A. Phippsia algida in the United States. Rhodora 54:141-145. June 1952. 450 R34

72440 YAMAZAKI, T. Notulae ad Scrophulariaceas Asiae orientalis. 2. J. Jap. Bot. 27:61-68. Feb.1952. 450 J8223
Includes new species in Veronica, Botryopleuron, and Lindernia.

Pteridophytes

72441 LAURENT, S. Recherches sur les constituants paraplasmiques des prothalles de filicinées. Rev. Gen. de Bot. 59:265-299. Ref. June 1952. 450 R326

72442 STOKEY, A. G., and ATKINSON, L. R. The gametophyte of Blechnum spicant (L.) Wither. and B. buchtienii Rosenst. Phytomorphology 2:9-15. Mar.1952. 450 P566

72443 STOKEY, A. G., and ATKINSON, L. R. The gametophyte of Stenochlaena palustris (Burm.) Bedd. Phytomorphology 2:1-9. Ref. Mar.1952. 450 P566

Bryophytes

72444 BARTRAM, E. B. New mosses from southern Brazil. Wash. Acad. Sci. J. 42:178-182. June 1952. 500 W276J
New species in Fissidens, Campylopus, Rhamphidium, Tortella, Leptodontium, Barbula, Epipterygium, Bryum, Rhodobryum, Orthotrichum, Macromitrium, Pinnatella, Hookeriopsis, Sematophyllum, and Acroporium.

72445 CASAS, C. Algunas briófitas del macizo de Garraf. Barcelona. Inst. Bot. Collect. Bot. 3:69-75. 1951. 451 B234

72446 HABEEB, H. Nomenclatural and other notes on mosses. II. Rhodora 54:156-158. June 1952. 450 R34

72447 HATTORI, S. Notulae de Hepaticis japonicis. 15. J. Jap. Bot. 27:53-58. Feb.1952. 450 J8223
Includes new species in Plectocolea and Gymnomitrium.

72448 MARTIN, W. The moss flora of the Dunedin botanical sub-district. Roy. Soc. New Zeal. Trans. & Proc. 79:436-451. Ref. Mar.1952. 514 W46

72449 NOGUCHI, A. Mnium vesicatum Besch. and its allies. (In Japanese.) J. Jap. Bot. 27:27-32. Jan.1952. 450 J8223
English summary.

72450 SERO, P. Dos adiciones a la flora muscinal del Tibidabo. Barcelona. Inst. Bot. Collect. Bot. 3:95-99. Ref. 1951. 451 B234

Algae

72451 DREW, K. M. Studies in the Bangioidaea. 1. Observations on Bangia fuscopurpurea (Dillw.) Lyngb. in culture. Phytomorphology 2:38-51. Ref. Mar.1952. 450 P566

72452 FELDMANN, J. Développement du carposporophyte chez le Bertholdia neapolitana (Berthold) Schmitz. Acad. des Sci. Compt. Rend. 234:2552-2554. June 23, 1952. 505 P21

72453 GOLDBERG, E. D. Iron assimilation by marine diatoms. Biol. B. 102:243-248. Ref. June 1952. 442.8 B52

72454 HOHN, M. H. A study of the distribution of diatoms (Bacillarieae) in western New York State. N. Y. (Cornell) Agr. Expt. Sta. Mem. 308,39 p. Ref. Dec.1951. 100 N48C

72455 IRÉNÉE-MARIE, FRÈRE. Contribution à la connaissance des Desmidiées de la région du Lac-St-Jean. Hydrobiologia 4:1-208. Jan.3,1952. 410 H992

72456 MARGALEF, R. Regiones limnológicas de Cataluña y ensayo de sistematización de las asociaciones de algas. Barcelona. Inst. Bot. Collect. Bot. 3:43-67. Ref. 1951. 451 B234

72457 MOORE, L. B., and CRIBB, A. B. The brown alga Durvillea antarctica in Australian waters. Nature [London] 169:1100-1101. June 28,1952. 472 N21

72458 OKUNO, H. Electron microscopical study on antarctic diatoms. 2. J. Jap. Bot. 27:46-52. Feb.1952. 450 J8223

72459 POUCQUES, M. L. DE. Étude algologique de l'étang de la Grange en Woewre. Rev. Gen. de Bot. 59: 300-311. Ref. June 1952. 450 R326

72460 SEGI, T. On the female plant of so-called Caulacanthus okamurai Yamada (Rhodophyceae). (In Japanese.) J. Jap. Bot. 27:32. Jan.1952. 450 J8223

72461 THOMPSON, R. H. A new genus [Lobocystis] and new records of algae in the Chlorococcales. Amer. J. Bot. 39:365-367. June 1952. 450 Am36

72462 ZIEGENSPECK, H., and ZIEGENSPECK, H. Uber den aufbau der wandungen von Cladophora glomerata im lichte der verfeinerten methoden der lichtmikroskopie. Protoplasma 41:14-20. Jan.5,1952. 442.8 P94

Fungi (Including Lichens)

72463 ABBAYES, H. DES. Lichens récoltés en Guinée Française et en Côte d'Ivoire. V.-VI. Inst. Franç. d'Afrique Noire. B. 14:19-27,450-456. Ref. Jan.-Apr.1952. 515 D14

72464 AHMAD, S. Fungi of Pakistan. III. Sydowia 5: 390-395. 1951. 450 Sy2
New species in Fusicoccum, Cytosporella, Dothiorella, Diplodina, Diplodiella, Camarosporium, Coniothyrium, and Diplodia.

72465 AHMED, Q. A. Fungi of East Bengal. Pakistan J. Forestry 2:91-115 Ref. Apr.1952. 99.8 P17

72466 ASAHINA, Y. Lichenes Japoniae novae vel minus cognitae. 9. J. Jap. Bot. 27:15-18. Jan.1952. 450 J8223
Parmelia.

72467 BOEDIJN, K. B. Notes on Indonesian fungi. Sydowia 5:317-327. 1951. 450 Sy2

72468 BOEDIJN, K. B. Some mycological notes. Sydowia 5:211-229. Ref. 1951. 450 Sy2
Fungi from Indonesia, including Heimiella n. g., and Stilbellula n. g.

72469 BOIDIN, J. Recherche de la tyrosinase et de la laccase chez les Basidiomycètes en culture pure. Milieux différentiels. Intérêt systématique. Rev. de Mycol. 16:173-197. Ref. Dec.1,1951. 450 An74

72470 BROWN, B. I. The vegetation of Bergen swamp. VIII. The lichens. Rochester Acad. Sci. Proc. 9: 327-338. Ref. Dec.1951. 500 R58

72471 CAMARA, E. DE S. DA. Mycetes aliquot Lusitaniae. XI-XII. (In Portuguese.) Agron. Lusitana [Lisbon] 13:117-151,185-212. 1951. 105.7 Ag8
Includes new species in Didymosphaeria, Leptosphaeria, Pleospora, Phomopsis, Sphaeronaema, Strasseria, Diplodia, Hendersonia, Amphichaeta, Cerebella, Dothiorella, Diplodina, Microbotryodiplodia n. g., Stagonostroma, and Coryneum.

72472 CASTELLANI, E. A new species of Cochliobolus. (In Italian.) Mycopath. et Mycol. Appl. 6:52-57. Ref. Oct.30,1951. 450 M994
On grain.

72473 CERNOHORSKY, T. Russula adelae nov. spec. ein neuer manschettentäubling. Sydowia 5:315-316. 1951. 450 Sy2

72474 DINGLEY, J. M. The Hypocreales of New Zealand. III-IV. Roy. Soc. New Zeal. Trans. & Proc. 79: 323-337,403-411. Ref. Mar.1952. 514 W46
Hypocrea, Calonectria, Gibberella, and Thyronectria.

72475 DIXON, S. M. Predacious fungi from rotten wood. Brit. Mycol. Soc. Trans. 35:144-148. June 1952. 451 B76
Includes new species in Dactylella and Harposporium that prey on nematodes.

72476 DOVASTON, H. F., and BATTS, C. C. V. A study of rusts [Puccinia] found on Pedicularis. Brit. Mycol. Soc. Trans. 35:129-143. Ref. June 1952. 451 B76

72477 ESFANDIARI, E. Neue iranische pilze. Sydowia 5:366-370. 1951. 450 Sy2
Includes new species in Puccinia, Mycosphaerella, Cytospora, Diplodina, Cercospora, Cladosporium, Helminthosporium, Thyrostroma, and Torula.

72478 GREENE, H. C. Notes on Wisconsin parasitic fungi. XV. Amer. Midland Nat. 48:37-54. July 1952. 410 M58

72479 HAAS, H. Pilze Mitteleuropas. Speisepilze. I. Stuttgart,Kosmos,1951. 130 p. 462.5 H11

72480 HUGHES, S. J. Trichocladium Harz. Brit. Mycol. Soc. Trans. 35:152-157. Ref. June 1952. 451 B76

72481 INGOLD, C. T., and ELLIS, E. A. On some Hyphomycete spores, including those of Tetracladium maxilliformis, from Wheatfen. Brit. Mycol. Soc. Trans. 35:158-161. June 1952. 451 B76

72482 JORDAN, O. Pilzvergiftungen in Itzehoe. Z. f. Pilzkunde 10:27. Mar.1952. 450 Z352

72483 KELSO, S. R. Regulating the application of sprays and dusts. Oreg. Dept. Agr. Agr. B. 174:18-19. June 1952. 2 Or3

72484 KILLERMANN, S. Steinpilze im ersten frühjahr. Z. f. Pilzkunde 10:26-27. Mar.1952. 450 Z352
Boletus.

72485 KITAJIMA, K. Shokuyo-take to yudoku-take [Edible and poisonous mushrooms]. Nogaku Shusho 11, 114 p. 1951. 22.5 N6894

72486 LANGDON, R. F. N. The geographic distribution of Claviceps pusilla Ces. Austral. J. Sci. 14:164-165. Apr.1952. 475 Au72

72487 LARSEN, P. Studies in Danish Pyrenomycetes. Dansk Bot. Arkiv 14(7),61 p. 1952. 450 D23
Compiled and annotated by A. Munk.
Includes new species in Chaetosphaeria, Didymosphaeria, Leptosphaeria, Metasphaeria, and Pleospora.

72488 LOCQUIN, M. Les espèces françaises du genre Leucocoprinus. I. Rev. de Mycol. 16:213-234. Dec.1,1951. 450 An74

72489 LODHI, S. A. Some Myxomycetes from western Pakistan. Sydowia 5:375-383. 1951. 450 Sy2

72490 LUC, M. Champignons nouveaux du colatier en Côte d'Ivoire. Rev. de Mycol. Sup. Colon. 11:107-123. Ref. Dec.1,1951. 450 R327
New species in Melomastia, Phaeobotryosphaeria, Teichosporella, Nectria, and Melanconiopsis.

72491 MARIAT, F., and DROUHET, É. Rôle de l'anhydride carbonique dans le développement de la phase levure de Sporotrichum schencki. Acad. des Sci. Compt. Rend. 234:2554-2556. June 23,1952. 505 P21

72492 MASSENOT, M. Quelques micromycètes maculicoles parasites d'arbustes ornementaux. Rev. de Path. Vég. et d'Ent. Agr. de France 30:205-210. Oct./Dec.1951. 464.9 So1
Includes new species in Ascochyta.

72493 MEZZETTI, A. Remarks on the morphology and taxonomy of Gyroceras cèltidis (Biv.) Mont. and Ces. (In Italian.) Sta. di Patol. Veg. B. 8:125-135. 1950,pub. 1952. 464.9 R662
English summary.

72494 MIDDELHOEK, A. About some interesting variations in the genus Laboulbenia. Biol. Jaarb. 18:122-129. 1951. 410 B52

72495 MOREAU, F., and MOREAU, MME, F. Observations cytologiques sur les Ascomycètes du genre Pleurage Fr. Rev. de Mycol. 16:198-208. Ref. Dec.1, 1951. 450 An74

72496 MOSER, M. Bemerkenswerte phlegmacienfunde zusammengestellt aus dem nachlasse von Julius Schäffer. Sydowia 5:357-365. 1951. 450 Sy2
Cortinarius.

72497 MOSER, M. Cortinarien-studien. Sydowia 5: 488-544. 1951. 450 Sy2

72498 MÜLLER, E. Die schweizerischen arten der gattungen Clathrospora, Pleospora, Pseudoplea und Pyrenophora. Sydowia 5:248-310. Ref. 1951. 450 Sy2

72499 NEUHOFF, W. Das system der blätterpilze. Z. f. Pilzkunde 10:1-21. Mar.1952. 450 Z352

72500 NORONHA, E. DE A. Contribution for the study of the mycological flora of Angola. (In Portuguese.) Agron. Angolana 5:85-94. 1951. 24 Ag83
English summary.

72501 PEARSON, A. A. New records and observations. V. Brit. Mycol. Soc. Trans. 35:97-122. June 1952. 451 B76
Includes new species in Lepiota, Collybia, Omphalia, and Pluteus.

72502 PETRAK, F. Cashiella n. gen., eine neue gattung der Diskomyzeten. Sydowia 5:371-374. 1951. 450 Sy2

72503 PETRAK, F. Diehlia n. gen., eine neue Diskomyzetengattung mit gefärbten sporen. Sydowia 5:311-314. 1951. 450 Sy2

72504 PETRAK, F. Ergebnisse einer revision der grundtypen verschiedener gattungen der Askomyzten und Fungi imperfecti. II. Sydowia 5:328-356. 1951. 450 Sy2

72505 PETRAK, F. Fungi beltsvillenses. Sydowia 5: 230-247. 1951. 450 Sy2
Includes new species in Discosia, Hercospora, Cryptodiaporthe, Discosporium, Xylosphaeria, Massarina, Leptosphaeria, and Naemacyclus.

72506 PETRAK, F. Ein kleiner beitrag zur pilzflora von Bayern. Sydowia 5:407-411. 1951. 450 Sy2
Includes Passeriniella adeana n. sp.

72507 PETRAK, F. Pyrgostroma n. gen., eine neue gattung der phaeophragmosporen Sphaeropsideen. Sydowia 5:484-487. 1951. 450 Sy2
Includes Pseudovalsa shearii.

72508 PETRAK, F. Über die gattungen Balladynopsis Theiss. et Syd., Wageria Stev. und Balladynastrum Hansf. Sydowia 5:426-428. 1951. 450 Sy2

72509 PETRAK, F. Über die gattungen Botryostroma v. Höhn. und Parodiellina Viegas. Sydowia 5:429-431. 1951. 450 Sy2

72510 PETRAK, F. Über die gattungen Hendersonula Speg. und Hendersonulina n. gen. Sydowia 5:418-422. 1951. 450 Sy2

72511 PETRAK, F. Über die gattung Heptameria Rehm et Thüm. Sydowia 5:423-425. 1951. 450 Sy2

72512 PETRAK, F. Über die gattung Hyalocurreya Theiss. et Syd. Sydowia 5:436-438. 1951. 450 Sy2

72513 PETRAK, F. Über die gattung Pauahia Stev. Sydowia 5:432-435. 1951. 450 Sy2

72514 RAMAKRISHNAN, T. S. Additions to fungi of Madras. XII. Indian Acad. Sci. Proc. Sect. B 35:111-121. Mar. 1952. 513 In25B
Includes new species in Endodothella, Physalospora, Ustilaginoidea, Sorosporium, Phakopsora, Ravenelia, and Cercospora.

72515 SANWAL, B. D. Heteroecism in Puccinia invenusta Syd. Phytomorphology 2:35-38. Mar.1952. 450 P566

72516 SANWAL, B. D. On some new or noteworthy Ravenelias from India. I. Sydowia 5:412-417. Ref. 1951. 450 Sy2

72517 SANWAL, B. D. Taxonomical notes on tropical fungi. I. Sydowia 5:384-387. Ref. 1951. 450 Sy2
Includes Coleosporium sidae n. sp.

72518 SINGER, R. Type studies on Basidiomycetes. V. Sydowia 5:445-475. 1951. 450 Sy2

72519 SMITH, G. Masonia, a new genus of Hyphomycetes. Brit. Mycol. Soc. Trans. 35:149-151. June 1952. 451 B76

72520 SOEHNER, E. Bayerische Gautieria-arten. Sydowia 5:396-406. Ref. 1951. 450 Sy2

72521 THIEL, H. Über die bedeutung der amyloidreaktion. Z. f. Pilzkunde 10:21-23. Mar.1952. 450 Z352

72522 THIRUMALACHAR, M. J., and NARASIMHAN, M. J. Critical notes on some plant rusts. III. Sydowia 5: 476-483. Ref. 1951. 450 Sy2

72523 THIRUMALACHAR, M. J., and SAFEEULLA, K. M. Some new or interesting fungi. III. Sydowia 5:439-444. 1951. 450 Sy2
Includes new species in Sorosporium, Tilletia and Entyloma.

72524 TUSTIN, A. E. Some studies on the growth habits of Rhizopus. W. Va. Acad. Sci. Proc. 23:214-215. 1951,pub.1952. 500 W52

72525 VAGO, C. Un test de differenciation entre les momifications à Beauveria bassiana et celles à Scopulariopsis repens. Sydowia 5:388-389. 1951. 450 Sy2

72526 VIENNOT-BOURGIN, G. Ustilaginales d'Afrique. I. Rev. de Mycol. Sup. Colon. 11:101-106. Dec.1, 1951. 450 R327
Includes Sorosporium loudetiae n. sp.

72527 VILLINGER, W. Fomes (Phellinus) torulosus Persoon; gebuckelter porling, ein fast unbekannter porling. Z. f. Pilzkunde 10:23-25. Mar.1952. 450 Z352

PATHOLOGY

General

72528 ANDERSON, C. G. Plant diseases and nematodes. Oreg. Dept. Agr. Agr. B. 174:19-20. June 1952. 2 Or3

72529 BALANDRANO, C., D. Enfermedades que se diagnosticaron durante 1950 y 1951 en la Dirección General de Defensa Agricola. Fitófilo 5(3):41-46. Nov./Dec.1951. 421 F55
Mexico.

72530 BALDACCI, E. Diseases of our rice fields. (In Italian.) Riso 1(1):13-14. Ref. Feb.1952. 59.8 R49

72531 BARRERA, A. Informe relativo a los estudios efectuados sobre la plaga de ratas de campo (Sigmodon hispidus) que ataca al maiz en la region sur del Estado de Veracruz. Fitófilo 6(4): 4-10. Jan./Feb.1952. 421 F55

72532 BOURIQUET, G. La défense des cultures aux Etats-Unis; exemples à retenir pour les Territoires Français d'Outre-Mer. Agron. Trop. [Nogent-sur Marne] 7:176-180. Mar./Apr.1952. 26 Ag86
Disease and insect control.

72533 BROCK, A. A. Problems in agricultural law enforcement. Calif. Fruit News 125(3335):5,10-11. June 7,1952. 80 C12
Chiefly quarantines.

72534 BRUEHL, G. W. Temporary sterilization of soil in the evaluation of root and crown rot losses with wheat and barley under field conditions. Plant Dis. Rptr. 36:234-237. June 15,1952. 1.9 P69P

72535 BURRELL, A. B. Efficiency in spraying, with special consideration of concentrates. Hoosier Hort. 34: 19-30. Feb.1952. 81 In2H

72536 CANADA. DEPT. OF AGRICULTURE. SCIENCE SERV. DIV OF BOTANY AND PLANT PATHOLOGY. Thirtieth annual report of the Canadian Plant Disease Survey, 1950, by I. L. Conners, and D. B. O. Savile. Ottawa,1951. 135 p. 464.9 C16S

72537 CATALINA, L. La cirugia vegetal y la longevidad de los árboles. Cult. Mod. 35:131-132. Apr.1952. 15 C89

72538 CIFERRI, R. Description of a disease of the olive in the Marche (Italy) of the leptonecrosis type, with a witches broom facies. (In Italian.) Olearia 6:69-74. Mar./Apr.1952. 307.8 OL2
English summary.

72539 CORNISH, G. S. Turf diseases that injure lawns. Horticulture 30:273. July 1952. 80 H787

72540 DREES, H. Winterspritzung im obstbau. Raiffeisen-Rundschau 4:23. Jan.1952. 284.28 R132
Germany.

72541 EDDINS, A. H. Diseases, deficiencies and injuries of cabbage and other crucifers in Florida. Fla. Agr. Expt. Sta. B. 492,63 p. Ref. Mar.1952. 100 F66S

72542 EINSET, O. Spraying of fruit trees, why and how. (In Norwegian.) Frukt og Baer 4:131-135. 1951. 80 F9428
Control of diseases and pests.

72543 FABER, W. Vogelwelt und pflanzenschutz. Pflanzenarzt 5(6):1-2. June 1,1952. 464.9 P482

72544 FARMER, A. Pests and diseases of persimmons in New Zealand, and their control. Orchardist New Zeal. 25(4):4-9. May 5,1952. 80 Or19

72545 FERNANDEZ VALIELA, M. V. Resumen de un estudio sobre el estado sanitario de los álamos del Delta. IDIA 4(42/43):1-3. June/July 1951. 9 Id3

72546 FLORES CACERES, S. Enfermedades de la cana de azucar en los ingenios de la Republica Mexicana. Fitófilo 5(3):14-40. Nov./Dec.1951. 421 F55

72547 FOSTER, A. A. How to tell bad ones from worse ones. Maine Gladiolus Soc. Glad Book, 1951:55-57, 59,61-64. 96.43 M28
Virus, bacterial and fungus diseases of Gladiolus.

72548 FRITZSCHE, R. Folgen der frostnacht vom 2. auf den 3. April 1952. Schweiz. Z. f. Obst- u. Weinbau 61:246-247. June 14,1952. 80 Sch9

72549 FUJIOKA, Y. List of crop diseases in Japan. Supreme Commander Allied Powers. Nat. Resources Div. Prelim. Study 73. 2 v. May 1952. 280.9 Su72

72550 GEER, W. C. Preparation of rose dust. Amer. Rose Mag. 10(5):18-19. May 1952. 80 Am327A

72551 GREEN, H. Gardening under glass: how to fight pests, diseases. Nowest. Gard. & Homes 20(2):17. Apr.1952. 80 N813

72552 GUALACCINI, F. Histological alterations produced by Eriophyes pistaciae Nal. on Pistacia terebinthus L. and presence of Uromyces terebinthi (D. C.) Winter on the same plant. (In Italian.) Sta. di Patol. Veg. B. 8: 221-233. Ref. 1950,pub.1952. 464.9 R662
English summary.

72553 HAHMANN, K., and MÜLLER, H. W. K. Aktuelle pflanzenschutzprobleme im blumen- und zierpflanzenbau. II. Probleme bei der treiberei von blumenzwiebeln und -knollen. Gesunde Pflanzen 4:59-64. Mar.1952. 464.8 G33

72554 HARONSKA, G. Pflanzenschutztechnik. Landwirt. Z. der Nord-Rheinprov. 119:593. June 7,1952. 18 L2344
Spraying.

72555 HARRANGER. Les ennemis du mirabellier. Cong. Pomol. de Lorraine. Compt. Rend. 4:23-30. 1951. 93.09 C7692
Includes discussion.

72556 HASE, A. Schäden an wallnüssen durch krähen. Anz. f. Schadlingsk. 25:75-76. May 1952. 421 An9

72557 HAWKSWORTH, F. G. Unusual hosts for two southwestern mistletoes. Plant Dis. Rptr. 36:246. June 15,1952. 1.9 P69P
Arceuthobium douglasii on Abies concolor and Phoradendron juniperinum on Chamaebatiaria millefolium.

72558 HIBBARD, A. D. Freezing injury to fruit buds. Mo. State Hort. Soc. Hort. News, Apr.1952:2-3. 81 M692H

72559 HIGGINS, K. B. Sanitation in the peach orchard. Victoria. Dept. Agr. J. 50:221-222. May 1952. 23 V66J
Disease and pest control.

72560 HILDEBRAND, E. M. Terminology in phytopathology. (Abs.) Assoc. South. Agr. Workers. Proc. 49:141. 1952. 4 C82

72561 HOLLIS, J. P. On the origin of diseases in plants. Plant Dis. Rptr. 36:219-227. Ref. June 15,1952. 1.9 P69P

72562 HORNER, C. E. Diseases of peppermint in Oregon in 1951. Plant Dis. Rptr. 36:245. June 15,1952. 1.9 P69P

72563 HOWARD, W. E. The pesky pocket gopher. Spreckels Sugar Beet B. 16:21-22. May/June 1952. 66.8 Sp7

72564 HUGHES, A. E. Control of rabbits. Tasmanian J. Agr. 23:181-182. May 1952. 23 T182T

72565 JACKS, H. Compatibility of spray materials used in New Zealand on pears. Orchardist New Zeal. 25(4):16-17. May 5,1952. 80 Or19

72566 JENKINS, W. A. Root-rot disease-complex in tobacco plant beds. Plant Dis. Rptr. 36:254. June 15, 1952. 1.9 P69P

72567 JENKINS, W. A. Some factors influencing the behavior of disease-resistant fluecured tobaccos during the 1951 growing season. (Abs.) Assoc. South. Agr. Workers. Proc. 49:136-137. 1952. 4 C82

72568 JOINER, J. Citrus budwood certification: important program, if adopted, can save millions to growers. Fla. Grower 60(7):5,42. July 1952. 80 F6622
Disease-free stock.

72569 JØRSTAD, I. Effect of climate on plant diseases. (In Norwegian.) Frukt og Baer 4:127-130. 1951. 80 F9428

72570 KEYWORTH, W. G., and DIMOND, A. E. Root injury as a factor in the assessment of chemotherapeutants. Phytopathology 42:311-315. Ref. June 1952. 464.8 P56

72571 KITAJIMA, H. Kaju no byogai bojo (Protection of fruit trees from their diseases). Osaka,Fuminsha,1951. 189 p. 464.06 K64

72572 KLEINER, B. D. Diseases of the almond tree which grows in the mountainous districts of Uzbekistan. (In Russian.) Lesn. Khoz. 4(9):81-84. Sept.1951. 99.8 L5622

72573 KRETSCHMER, G. Qualitätsobst setzt nachblütespritzungen voraus. Deut. Landwirt. 3:274-275. May 1952. 18 D4822

72574 KRUGER, W. Wie sollen kranke pflanzen eingesandt werden? Landwirtbl. Weser-Ems 99:582. June 12,1952. 18 L2345

72575 KULKARNI, N. B., and GAIWAD, S. R. Practical aspects in handling and preserving plant disease specimens. Poona Agr. Col. Mag. 42:233-242. Feb.1952. 22 P79

72576 LECLERG, E. L. Proposed legislation dealing with the use of pesticides. Washington,U. S. Agr. Res. Admin.,1951. 6 p. 1.98 L49
Presented at a joint meeting of the American Phytopathological Society and the American Association of Economic Entomologists at Cincinnati, Dec. 10, 1951.

72577 LEIB, E. Bemerkenswerte befallsbeobachtungen im Saarland. Anz. f. Schadlingsk. 25:65-68. May 1952. 421 An9
Diseases and pests of fruit.

72578 LINDFORS, T. News about plant protection. (In Swedish.) Svensk Jordbrforsk. 1951:122-128. 11 J763
Diseases and pests.

72579 LOUNSKY, J. L'horticulture belge devant le marché nord-américain; aspect international du problème de la protection des plantes. Parasitica 8:47-53. 1952. 464.8 P21

72580 MCKEE, H. S. Root parasites in Loranthaceae. Nature [London] 170:40. July 5,1952. 472 N21

72581 MAGIE, R. O. Breeding disease resistant Gladiolus. No. Amer. Gladiolus Council. B. 30:78-79,81-83. June 1952. 96.43 N81

72582 MENDES, O. Most serious diseases of our tomato plants. (In Portuguese.) Gaz. do Agr. 4:63-65. Mar.1952. 24 G25
Mozambique.

72583 MILLER, P. R., and GRAVATT, G. F. The sweetgum [Liquidambar styraciflua] blight. Plant Dis. Rptr. 36:247-252. June 15,1952. 1.9 P69P

72584 MILLIKAN, C. R. Diseases of flax and linseed. Victoria. Dept. Agr. Biol. Br. Tech. B. 9,140 p. Apr. 1951. 23 V66T

72585 MILLS, W. D., and LAPLANTE, A. A. Diseases and insects of small fruits. N. Y. Agr. Col. Cornell Ext. B. 306,rev.,55 p. June 1952. 275.29 N48E

72586 MONTALDO, A. Principales enfermedades que atacan a la papa. Agr. Austral 20:114-117. Mar. 1952. 9.3 Ag842
Chile.

72587 MOREAU, C. Les maladies parasitaires des principales cultures coloniales; revue bibliographique. VIII. Rev. de Mycol. Sup. Colon. 11:124-138. Ref. Dec.1, 1951. 450 R327

72588 NANKIVELL, W. I. Winter drop of grapefruit. Victoria. Dept. Agr. J. 50:170-171. Apr.1952. 23 V66J

72589 N. S. WALES. DEPT. OF AGRICULTURE. Diseases of lettuce. N. S. Wales. Dept. Agr. Plant Dis. L. 105,5 p. 1952. 464.9 N47

72590 NICOLINI, J. C. Musgos y liquenes; generalidades, importancia y control. Chacra 22(259):28. June 1952. 9 C34

72591 ØYEN, K. Experiments with new plant protection preparations. (In Norwegian.) Gartneryrket 42: 445. June 21,1952. 80 G1938

72592 PEVERELLI, V. M. E. DE. El "tucu-tuco." Argentina. Dir. Gen. de Invest. Agr. IDIA 5(49):23-24. Jan.1952. 9 Id3
Destructive to crops and soils.

72593 PINTO VIEGAS, A. Llaga negra del cafeto. (Sum.) Cent. Nac. de Invest. de Café. Bibliot. B. Inform. 3(26):33-34. Feb.1952. 68.29 C332

72594 RICCI, A. Better control of parasites of cultivated plants. (In Italian.) Romagna Agr. e Zootec. 37(10):1-2. May 1952. 16 R66
Spraying.

72595 RICHARD, G. Méthode nouvelle de lutte contre la pourriture. Cactus [Paris] 7(31):2. Mar.15,1952. 450 C114
Use of mercurochrome.

72596 ROSA, M. Contribution to a bibliography of Italian plant pathology for 1950. (In Italian.) Sta. di Patol. Veg. B. 8:295-308. 1950,pub.1952. 464.9 R662

72597 RÜDIGER, W. Zur pathologischen anatomie des leins, Linum usitatissimum L. Phytopath. Z. 19:34-47. Ref. Apr.1952. 464.8 P562

72598 SCARAMUZZA, L. C. Report on the first Latin American Conference of Phytoparasitology, held in Mexico City, and of a tour through several Mexican sugar mills. Asoc. de Tec. Azucareros de Cuba. Proc. 24:239-246. 1950. 65.9 As5

72599 SCHAEFER, E. E., and ANDERSSEN, E. E. Gladiolus diseases and pests. Farming So. Africa 26: 161-162. May 1951. 24 So842

72600 SCHIMITSCHEK, E. Uber krankheitsbegriff, disposition und vorbeugung im forstschutz. Z. f. Angew. Ent. 33:18-31. Ref. Nov.1951. 421 Z36

72601 SCHOEL, W. Die pflanzensanitäre abfertigung von ausfuhren aus der Bundesrepublik. Gesunde Pflanzen 4:90-94. Apr.1952. 464.8 G33

72602 SHENEFELT, R. D. Insects as carriers of tree diseases. Amer. Nurseryman 96(2):24,116-123. July 15,1952. 80 Am371

72603 SHENEFELT, R. D. Insects as carriers of tree diseases. Trees 12(4):6-7,18,20,22. May/June 1952. 99.8 W52

72604 SIBILIA, C. Report of most note-worthy disease observed in 1949. (In Italian.) Sta. di Patol. Veg. B. 8:261-294. 1950,pub.1952. 464.9 R662

72605 SLATE, G. L. What to do about lily troubles. Flower Grower 39(8):31,46-47. Aug.1952. 80 M72

72606 SOCIETÀ ELECTTRICA ED ELETTROCHIMICA DEL CAFFARO, MILAN. Antiparassitari Caffaro e parassiti delle piante coltivate [Caffaro fungicides and insecticides and parasites of cultivated plants]. Milano, 1951. 80 p. 464.4 So1

72607 SOLOV'EV, E. D. Some observations on the over-wintering of fruit trees. (In Russian.) Sad i Ogorod 12:62-63. Dec.1951. 80 Sa13
Frost injuries and protection.

72608 STAHL, M. Krankheiten im gemüsegarten. Kosmos 48:234-237. May 1952. 474 K842

72609 STERTEN, A. K. "Ice burn" and other over-wintering injuries. (In Norwegian.) Landbrukstidende 58:351-352. Apr.30.1952. 11 L236
Grasses and grain.

72610 TOCCHETTO, A., and LAGOS, M. B. Diseases of rice in Rio Grande do Sul. (In Portuguese.) Lav. Arroz. 6(61):21-22. Jan.1952. 59.8 L39

72611 TRAPPMANN, W. Pflanzenschutzmittel in den USA. III. Gesunde Pflanzen 4:68-70. Mar.1952. 464.8 G33

72612 TRAPPMANN, W. Studienreise nach USA zum studium des pflanzenschutzes. Germany. Land- u. Hauswirt. Auswertungs-Informdienst. Ber. über Ergeb. des Programmes f. Tech. Hilfeleist. 7,32 p. 1951. 280.9 G317

72613 TREHAN, K. N. Field rats and their control in the Punjab. Indian Farming (n.s.)2(2):10-12. May 1952. 22 In283
Includes damage to field crops.

72614 TUKEY, R. B. The physiology of winter injury. Hoosier Hort. 33:156-158. Nov./Dec.1951. 81 In2H

72615 WERNHAM, C. C. Disease resistance and early testing of maize. Science 116:57-58. Ref. July 18, 1952. 470 Sci2

72616 WILLIAMS, C. G. Diseases and pests of orchids. Austral. Orchid Rev. 17:24-25. Mar.1952. 80 Au73

72617 WILSON-JONES, K. Three experiments in witchweed [Striga hermonthica] control. Empire J. Expt. Agr. 20:98-102. Apr.1952. 10 Em7

72618 WRIGHT, P. H. Basal rot in lilies. Horticulture 30:276. July 1952. 80 H787

Diseases Caused by Fungi

72619 ADAM, D. B., GRACE, J., and FLENTJE, N. T. The "gummosis" or "dieback" disease of apricots. Tasmanian J. Agr. 23:128-135. May 1952. 23 T182T
Verticillium.

72620 ALLISON, J. L. Rhizoctonia solani, a foliage pathogen of forage legumes and grasses in southeastern United States. (Abs.) Assoc. South. Agr. Workers. Proc. 49:178-179. 1952. 4 C82

72621 ALLISON, J. L. Sclerotium rolfsii, a destructive pathogen of alfalfa and ladino clover. (Abs.) Assoc. South Agr. Workers. Proc. 49:178. 1952. 4 C82

72622 ALTMANN, H. Kommt es bei der peronosporabekämpfung nur auf das erraten an? Landwirtschaft 11/14:193-194. June/July 1952. 19 L235
Grapes.

72623 ANDERSEN, A. L., and DE ZEEUW, D. J. Seed treatment studies for damping-off control in garden and canning beans; report of progress. Mich. Agr. Expt. Sta. Q. B. 34:357-364. May 1952. 100 M58

72624 ANDES, J. O. Fungicides for turnip-green leafspot control. (Abs.) Assoc. South. Agr. Workers. Proc. 49:129-130. 1952. 4 C82
Caused by Cercosporella albomaculans.

72625 ATKINS, J. G., JR. Forage crop Rhizoctonia cross inoculation tests. (Abs.) Assoc. South. Agr. Workers. Proc. 49:178. 1952. 4 C82

72626 AZAB, Y. E., and CHILTON, S. J. P. Studies on inheritance of resistance to red rot disease of sugarcane. (Abs.) Assoc. South. Agr. Workers. Proc. 49:142. 1952. 4 C82
Caused by Physalospora tucumanensis.

72627 BALDACCI, E. Peronospora of grapes. (In Italian.) Romagna Agr. e Zootec. 37(8):1,6-7. Apr.1952. 16 R66

72628 BALDONI, R. Experiments in the control of Cercospora on sugar beets. (In Italian.) Indus. Sac. Ital. 45:14-20. Ref. Jan./Feb.1952. 65.8 In23

72629 BARRIETY, L., and others. La maladie de l'encre du chêne rouge (Quercus borealis Michx). Rev. de Path. Vég. et d'Ent. Agr. de France 30:253-262. Oct./Dec.1951. 464.9 So1
C. Jacquiot, C. Moreau, and M. Moreau, joint authors.

72630 BASILE, R. Research on the parasitic flora of the roots of cereals grown in the spring 1951. (In Italian.) Sta. di Patol. Veg. B. 8:161-165. 1950,pub.1952. 464.9 R662
English summary.
Chiefly Fusarium.

72631 BECKER, A. Die kraut- und knollenfäule. Landwirt. Z. der Nord-Rheinprov. 119:514. May 17, 1952. 18 L2344
Potatoes.

72632 BELLEGUEULE, J. Méthode de lutte contre le meunier [Bremia lactucae] de la laitue. Rev. Hort. 124:691-692. Mar./Apr. 1952. 80 R32

72633 BERNAUX, P. Septoriose [Septoria cravensis n. sp.] du Teucrium cravense Maire, Mol. et Tal. Rev. de Mycol. 16:209-212. Dec.1,1951. 450 An74

72634 BIRAGHI, A. Characters of resistance of Castanea sativa to Endothia parasitica. (In Italian.) Sta. di Patol. Veg. B. 8:167-171. 1950,pub.1952. 464.9 R662

72635 BIRAGHI, A. Drying up of Abies in Vallombrosa. (In Italian.) Sta. di Patol. Veg. B. 8:137-147. Ref. 1950,pub.1952. 464.9 R662
Armillaria mellea on Abies alba.

72636 BIRAGHI, A. New hosts of Endothia parasitica. (In Italian.) Sta. di Patol. Veg. B. 8:35-44. 1950,pub. 1952. 464.9 R662
English summary.
Quercus spp.

72637 BIRAGHI, A. Wilting of chestnut leaves caused by Sphaerella maculiformis. (In Italian.) Sta. di Patol. Veg. B. 8:157-160. 1950,pub.1952. 464.9 R662

72638 BIRAGHI, A. New possibilities in control of chestnut bark blight [Endothia parasitica]. (In Italian.) Monti e Boschi 3:157-159. Apr.1952. 16 M76
English summary.

72639 BLUMER, S. Die spritzungen gegen den falschen mehltau (Peronospora) im weinbau. Schweiz. Z. f. Obst- u. Weinbau 61:185-186. May 17,1952. 80 Sch9

72640 BONDE, R., and MURPHY, E. F. Resistance of certain tomato varieties and crosses to late blight. Maine. Agr. Expt. Sta. B. 497,15 p. Ref. Mar.1952. 100 M28S

72641 BOYCE, J. S., JR. Scirrhia acicola, a cause of loblolly pine needle browning. (Abs.) Assoc. South. Agr. Workers. Proc. 49:134. 1952. 4 C82

72642 BOZA BARDUCCI, T. El oidium o manta blanca del algodonero. Cañete. Estac. Expt. C. 10-D,7 p. Jan.1952. Ref. 102.5 C16C
Erysiphe malachrae.

72643 BREMER, H., and BIYIKOGLU, K. Beizversuche mit samen von hülsenfrüchten und gemüsen. (In Turkish). Bitki Koruma B. 1:16-27. Jan.1952. 464.8 B54
German summary.

72644 BRENTZEL, W. E. Ergot production. N. Dak. Agr. Expt. Sta. Bimon. B. 14:205-206. May/June 1952. 100 N813B

72645 BYRDE, R. J. W. Experiments on the control of brown rot of apples and plums. II. J. Hort. Sci. 27: 192-200. July 1952. 80 J825
Sclerotinia.

72646 CAMPBELL, W. A. A root parasite [Phytophthora cinnamomi] and soil conditions in relation to littleleaf disease. (Abs.) Assoc. South. Agr. Workers. Proc. 49:91-92. 1952. 4 C82
In shortleaf pine.

72647 CARILLI, A. The "plaga" or "pellagra" of tomato in Salerno Province. (In Italian.) Sta. di Patol. Veg. B. 8:173-180. Ref. 1950,pub.1952. 464.9 R662
English summary.
Foot rot caused by Alternaria solani.

72648 CHIAPPELLI, R. Parasites and germination. (In Italian.) Riso 1(3):20. Apr.1952. 59.8 R49
Seed treatment.

72649 CICCARONE, A. Some observations on Cercospora sorghi E. and E. (In Italian.) Sta. di Patol. Veg. B. 8:59-67. Ref. 1950,pub.1952. 464.9 R662
English summary.
On sorghum.

72650 CIPOLLA, G. Nota sobre la enfermedad de la palmera datilera denominada "Diplodia." Argentina. Dir. Gen. de Invest. Agr. IDIA 5(49):21-22. Jan.1952. 9 Id3

72651 CLAPPER, R. B. Relative blight resistance of some chestnut [Castanea] species and hybrids. J. Forestry 50:453-455. June 1952. 99.8 F768
Tests with Endothia parasitica.

72652 CLAUDE, PÈRE. Les flétrissures végétales d'origine fongique; étude sur la cause immédiate de la flétrissure due à Fusarium spp. Rev. d'Oka 26:46-54. (Cont.) Mar./Apr.1952. 7 Ok1

72653 CRAWFORD, R. F. Seed treatment for control of damping-off in peanuts. N. Mex. Agr. Expt. Sta. B. 370,11 p. Mar.1952. 100 N465

72654 CROSIER, W. F. Hot water treatment of cucurbit seeds to control seed-borne organisms. Assoc. Off. Seed Anal. News Let. 26:36-37. Feb.1952. 61.9 As7N
Control of Mycosphaerella citrullina on cucurbits.

72655 CROXALL, H. E., GWYNNE, D. C., and JENKINS, J. E. E. The rapid assessment of apple scab on leaves. Plant Pathol. 1:39-41. June 1952. 464.8 P692

72656 DARLING, H. Blight control for 1952. Badger Common 'Tater 5(4):2. Apr.1952. 75.8 B14

72657 DE JONG, P. The effect of seed dressings on the rate of germination of tea seed. Planters' Chron. 47: 177-181. Apr.1,1952. 22 P693

72658 DOMANSKI, S. Butt rots of Scotch pine [Pinus sylvestris] and evaluation test of their development condition in Great-Polish National Park in Ludwikowo. (In Polish.) Sylwan 96:5-30. Ref. Jan./Mar.1952. 99.8 Sy52
English summary.

72659 DU PLESSIS, S. J., and NORTJÉ, J. H. Susceptiblity of wheat and rye varieties and of grass species to Ophiobolus graminis Sacc. Union So. Africa. Dept. Agr. Sci. B. 328,19 p. 1951/52. 24 So84S

72660 EIDE, C. J. Making potato fungicides pay in Minnesota. Minn. Farm & Home Sci. [Minn. Sta.] 9(3): 6,15. May 1952. 100 M668
Control of late blight.

72661 EINSET, O. Spraying against apple scab. (In Norwegian.) Norsk Hagetid. 68:95-98. May 1/15,1952 80 N81

72662 EVANS, J. A. How "Manzate" fungicide licks both the blights. Badger Common 'Tater 5(4):14-15. Apr.1952. 75.8 B14
Potato and tomato blights.

72663 FARIA, E. R. Artificial inoculation of barley with covered smut [Ustilago hordei]. (In Portuguese.) Rev. Agron. [Porto Alegre] 16(181/183):2-8. Ref. Jan./Mar.1952. 9.2 R325

72664 FEAZELL, G. D., and MARTIN, W. J. Fungicides for use on sweet potato washing machines contaminated with Ceratostomella fimbriata. (Abs.) Assoc. South. Agr. Workers. Proc. 49:130-131. 1952. 4 C82

72665 FELIX, E. L. Crown rot of strawberry. (Abs.) Assoc. South. Agr. Workers. Proc. 49:131. 1952. 4 C82

72666 FELIX, E. L. Rhizoctonia blight of strawberry. (Abs.) Assoc. South. Agr. Workers. Proc. 49:131-132. 1952. 4 C82
Caused by Rhizoctonia solani.

72667 FISHER, E. E. Wood-rotting fungi of fruit trees. Victoria. Dept. Agr. J. 50:185-186. Apr.1952. 23 V66J
Polystictus versicolor and Trametes cinnabarina.

72668 FOWLER, M. E. A report on oak wilt. Arborist's News 17:45-51. June 1952. 99.8 Ar14

72669 FOWLER, M. E. How serious is the oak wilt threat? What are prospects for prevention and control. Forest Farmer 11(9):10,11,18. June 1952. 99.8 F7692
Caused by Chalara quercina.

72670 FREDERIKSEN, P. S. Alternaria linicola Groves & Skolko; occurrence and damage to Danish flax fields. (In Danish.) Lin 6:21-28. Apr.1952. 73.18 L63
English abstract, p. 32.

72671 FÜRST, H. Untersuchungen über die wirkungen von hochmolekularen organischen stoffen als spritzmittel gegen rostpilzinfektion. Phytopath. Z. 19:48-55. Ref. Apr.1952. 464.8 P562

72672 GABOTTO, L. Control of downy mildew. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:181-182. May 1952. 16 C72
In grapes.

72673 GAGNOTTO, A. V. Considerations on the presence of sooty mould in the hairs of the leaves of the olive tree. (In Italian.) Sta. di Patol. Veg. B. 8:207-212. Ref. 1950,pub.1952. 464.9 R662
English summary.
Hormiscium oleae.

72674 GODFREY, G. H. Cantaloupe powdery mildew [Erysiphe cichoracearum] control with dinitro capryl phenyl crotonate. Phytopathology 42:335-337. Ref. June 1952. 464.8 P56

72675 GOKHALE, V. P., and PATEL, M. K. Suggestions for reducing epidemics of black-stem rust of wheat in peninsular India. Poona Agr. Col. Mag. 42:247-251. Feb.1952. 22 P79

72676 GÖKSEL, N. The rust disease of pears. (In Turkish.) Bitki Koruma B. 1:42-45. Jan.1952. 464.8 B54
English summary.

72677 GOPALKRISHNAN, K. S., and JUMP, J. A. The antibiotic activity of thiolutin in the chemotherapy of the Fusarium wilt of tomato. Phytopathology 42:338-339. June 1952. 464.8 P56

72678 GREGORY, K. F., and others. Antibiotics as agents for the control of certain damping-off fungi. Amer. J. Bot. 39:405-415. Ref. June 1952. 450 Am36
O. N. Allen, A. J. Riker, and W. H. Peterson, joint authors.

72679 GUILBEAU, S., MIKELL, J. J., and MILLER, J. C. A study of the inheritance of Fusarium wilt resistance in sweet potatoes. (Abs.) Assoc. South. Agr. Workers. Proc. 49:107-108. 1952. 4 C82

72680 GUILLEMAT, J., LELIÈVRE, D., and MONTÉGUT, J. Essais de fongicides contre la fusariose de la pomme de terre. Pomme de Terre Franç. 15 (152A):3-9. Apr.1952. 75.8 P77

72681 GULÌAEV, V. V. Treatment of pine seeds during storage. (In Russian.) Agrobiologiîa 2:119-122. Mar./Apr.1952. 20 Ag822
Effectiveness of fungicides on fungi of Fusarium spp.

72682 GUPTA, M. The story of Indian ergot (1941-51). Sci. Club J. 5(3):12-16. Dec.1951/Feb.1952. 475 Sci29

72683 HARE, W. W. Reaction of cowpea varieties to Fusarium wilt. (Abs.) Assoc. South. Agr. Workers. Proc. 49:135. 1952. 4 C82

72684 HASSEBRAUK, K. Bedrohliche zunahme des spargelrostauftretens. Deut. Landwirt.-Gesell. Mitt. 67: 394. May 24,1952. 18 N39

72685 HASSEBRAUK, K. Untersuchungen über die einwirkung von sulfonamiden und solfonen auf getreideroste. III. Phytopath. Z. 19:56-78. Ref. Apr.1952. 464.8 P562

72686 HENNIG, R. Uber die bei uns vorkommenden Sparassis-arten (krause glucke und eichen-glucke) und ihren parasitismus an waldbäumen. Forstwiss. Centbl. 71:108-116. Ref. Mar./Apr.1952. 99.8 F775

72687 HEROLD, F. Untersuchungen zur rettichschwärze und zur biologie ihres erregers Aphanomyces raphani Kendr. im vergleich mit weiteren Aphanomycesarten. Phytopath. Z. 19:79-125. Ref. Apr.1952. 464.8 P562

72688 HILDEBRAND, A. A. Stem canker: a disease of increasing importance on soybeans in Ontario. Soybean Digest 12(9):12-15. July 1952. 60.38 So9

72689 HOLTZMANN, O. V. The complexity of the Fusarium problem. Colo. Flower Growers Assoc. B. 30: 3-4. Apr.1952. 81 C715
On Dianthus.

72690 HUNTLEY, G. Oidium [O. heveae] and sulphur. Rubber Res. Inst. Ceylon. Q. C. 27:23-28. Feb.1952. 78.9 C33Q
Includes notes by H. E. Young.

72691 IBBERSON, J. E., and STREATER, H. White pine [Pinus strobus] blight responds to fertilizer applications. Pa. Forests & Waters 4:30-31,46. Mar./Apr. 1952. 99.8 P38

72692 ITO, K., SHIBUKAWA, K., and KOBAYASHI, T. Etiological and pathological studies on the needle blight of Cryptomeria japonica. I. Morphology and pathogenicity of the fungi inhabiting the blighted needles. (In Japanese.) Rin-Go-Shiken-Hokoku 52:79-158. Ref. May 1952. 99.8 R47
English summary.

72693 JENKINS, P. T. Sphaeropsis canker of apples. Victoria. Dept. Agr. J. 50:183-185. Apr.1952. 23 V66J
Sphaeropsis malorum.

72694 JOHNSON, J. R. Corn seed treatment studies—the effects of a series of seed protectants on repression of fungi in and on corn seed and their effect on growth of seedling corn. (Abs.) Assoc. South. Agr. Workers. Proc. 49:144. 1952. 4 C82

72695 JOHNSON, L. F., and WHEELER, H. E. The effect of Actinomycetes antibiotic to Pythium arrhenomanes in plate cultures on root rot of sugarcane and corn. (Abs.) Assoc. South. Agr. Workers. Proc. 49:142. 1952. 4 C82

72696 JOHNSTON, A. Blister blight [Exobasidium vexans] of tea in Malaya. 2. Results of two spraying experiments. Malayan Agr. J. 34:160-165. Oct.1951. 22.5 F312

72697 JOSEPH, T. C. Fungi inhibiting growth of the crown-rot disease fungus Sclerotium delphinii Welch. Nature [London] 169:1016-1017. June 14,1952. 472 N21

72698 KELMAN, A., and HEBERT, T. T. Evaluation of techniques for inoculating corn with Physoderma maydis. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 143. 1952. 4 C82

72699 KERNKAMP, M. F., and others. Investigations on physiologic specialization and parasitism of Rhizoctonia solani. Minn. Agr. Expt. Sta. Tech. B. 200,36 p. Ref. Apr.1952. 100 M66
D. J. de Zeeuw, S. M. Chen, B. C. Ortega, C. T. Tsiang, and A. M. Khan, joint authors.

72700 KIELY, T. Citrus scab. N. S. Wales. Dept. Agr. Plant Dis. L. 20,4 p. 1952. 464.9 N47
Elsinoe fawcetti scabiosa on lemons.

72701 KILPATRICK, R. A. Fungi associated with soybean seeds within the pods at Stoneville, Mississippi in 1951. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 135. 1952. 4 C82

72702 KLOMPARENS, W., and VAUGHN, J. R. The correlation of laboratory screening of turf fungicides with field results. Mich. Agr. Expt. Sta. Q. B. 34:425-435. May 1952. 100 M58
Helminthosporium control.

72703 KLOTZ, L. J. Ravages of brown rot fungi. Citrus Leaves 32(6):6-7. June 1952. 80 C482

72704 KUPRIIANOVA, V. D. How to control powdery mildew on roses. (In Russian.) Sad i Ogorod 12:63-64. Dec.1951. 80 Sa13

72705 LANGNER, W. Reziprok unterschiedliches verhalten von lärchenbastarden gegen eine nadelerkrankung. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:78-81. 1952. 99.8 Z36
Caused by fungi.

72706 LARGE, E. C. Trials of substitutes for sulphuric acid for potato haulm killing. II. Blight in tubers. Plant Pathol. 1:56-59. June 1952. 464.8 P692

72707 LEHMAN, S. G. Results of dusting tests for reduction of fungus damage to seed cotton. (Abs.) Assoc. South. Agr. Workers. Proc. 49:140-141. 1952. 4 C82

72708 LEHMAN, S. G. Survival of the purple seed stain fungus in soybean seeds. (Abs.) Assoc. South. Agr. Workers. Proc. 49:135-136. 1952. 4 C82
Cercosporina kikuchii.

72709 LESLEY, J. W., MIDDLETON, J. T., and MCCARTY, C. D. Simi, a processing tomato resistant to Verticillium and Fusarium wilts. Hilgardia 21:289-299. Ref. Feb.1952. 100 C12H

72710 LO, T. T. Black rot of sugarcane. (In Japanese.) J. Sugarcane Res. 6:11-16. Jan.1952. 65.8 J822
English summary.
Ceratostomella adiposum.

72711 LOBSTEIN, J. La lutte contre la carie du blé par le traitement préventif des semences. Chambre d'Agr. de Casablanca. B. 22(246):9-11. Oct.1951. 24 C26

72712 LUCAS, G. B., and MOORE, E. L. Black shank control in tobacco plant beds. (Abs.) Assoc. South. Agr. Workers. Proc. 49:137. 1952. 4 C82

72713 LUKE, H. H. Fungi antagonistic to Pythium arrhenomanes isolated from Louisiana sugarcane soils. (Abs.) Assoc. South. Agr. Workers. Proc. 49:141-142. 1952. 4 C82

72714 LUZ, N. K. Contribution to the study of control of foliar diseases of American potato. (In Portuguese.) Rev. Agron. [Porto Alegre] 16(181/183):10-19. Ref. Jan./Mar.1952. 9.2 R325
Phytophthora infestans and Alternaria solani.

72715 MAGNANI, G., CICCARONE, A., and SIBILIA, C. Second progress report on the control of grape downy mildew with organic fungicides. (In Italian.) Sta. di Patol. Veg. B. 8:245-248. 1950,pub.1952. 464.9 R662
English summary.

72716 MAHMUD, K. A. A Cercospora leaf spot of Asystasia coromandeliana Nees. Sci. & Cult. 17:474. May 1952. 475 Sci24

72717 MAHMUD, K. A., and NEMA, K. G. Powdery mildew [Oidium] on Melilotus parviflora Desf. Sci. & Cult. 17:473. May 1952. 475 Sci24

72718 MARTIN, J. F. Blister rust vs. white pine. Org. Gard. 20(7):30-31. July 1952. 56.8 Or3

72719 MENDOZA ROLDAN, M. DE. Preparacion del caldo bordeles destinado al combate del chamusco del platano (Cercospora musae). Fitófilo 6(4):18-21. Jan./Feb.1952. 421 F55

72720 MIEGE, E. A propos du dithane. Inform. Marocaine 594:1,4. May 31,1952. 281.8 In3
As fungicide.

72721 MILLER, J. H. The presence of internal mycelium in corn grains in relation to external symptoms of corn ear rot. (Abs.) Assoc. South. Agr. Workers Proc. 49:143-144. 1952. 4 C82

72722 MINNESOTA. OFF. OF STATE ENTOMOLOGIST. Apple diseases. Minn. Off. State Ent. C. 186,3 p. May 15,1952. 423.9 M66C
Fire blight, apple scab and cedar apple rust.

72723 MIR, R. M. El oidium y su tratamiento. Cult. Mod. 35:126-127. Apr.1952. 15 C89
Grapes.

72724 MONTALDO, A. Control de las pudriciones en los tubérculos de papas debidas al tizón. Agr. Austral 20:112-113. Mar.1952. 9.3 Ag842
Phytophthora infestans.

72725 MOORE, F. J. Some powdery mildews on ornamental plants. Plant Pathol. 1:53-55. Ref. June 1952. 464.8 P692

72726 MORRIS, C. L. The spread of oak wilt and progress of related studies. Pa. Forests & Waters 4:33, 47. Mar./Apr.1952. 99.8 P38

72727 MULLER. Rindentod an jungpappeln im frühjahr 1952. Allg. Forstz. 7:294-295. June 25,1952. 99.8 AL52
Dothichiza populea the cause.

72728 MUNK, A. New Pyrenomycetes from the Herbarium of Poul Larsen. Dansk Bot. Arkiv 14(8),8 p. 1952. 450 D23
New species in Mycosphaerella, Diaporthe, Calosphaeria, and Pseudotrichia.

72729 NADEL-SHIFFMAN, M. Une contribution a la pathogénie du Penicillium digitatum et du Penicillium italicum sur les fruits des agrumes. Rev. de Path. Vég. et d'Ent. Agr. de France 30:228-231. Oct./Dec.1951. 464.9 So1

72730 NADEL-SHIFFMAN, M. L'influence de la température et de la pluviosité sur l'apparition des différentes espèces de Phytophthora. Rev. de Path. Vég. et d'Ent. Agr. de France 30:232-237. Oct./Dec.1951. 464.9 So1

72731 NARASIMHASWAMY, R. L. Leaf disease resistance and its importance in coffee. Indian Coffee Mon. B. 16:26-28. Feb.1952. 68.29 In23M
Caused by a rust fungus called Hemileia vastatrix.

72732 NELSON, R. Mint rust [Puccinia menthae] and its control. Mich. Agr. Expt. Sta. Q. B. 34:436-455. May 1952. 100 M58

72733 NOHARA, Y., and ZINNO, Y. Researches on the prevention of the needle blight of "Sugi" (Cryptomeria japonica D. Don). I. (In Japanese.) Rin-Go-Shiken-Hokoku 52:159-179. Ref. May 1952. 99.8 R47
English summary.

72734 N. S. WALES. DEPT. OF AGRICULTURE. Freckle [Cladosporium carpophilum] of stone fruits. N. S. Wales. Dept. Agr. Plant Dis. L. 16,4 p. 1952. 464.9 N47

72735 NUSBAUM, C. J., LUCAS, G. B., and CHAPLIN, J. F. Estimating the inoculum potential of Phytophthora parasitica var. nicotianae in the soil. (Abs.) Assoc. South. Agr. Workers. Proc. 49:138. 1952. 4 C82
Tobacco.

72736 NUSBAUM, C. J. Host-parasite relations of Phytophthora parasitica var. nicotianae in roots of resistant and susceptible tobacco varieties. (Abs.) Assoc. South. Agr. Workers. Proc. 49:137-138. 1952. 4 C82

72737 OLIVEIRA, B. D'. The centers of origin of cereals and the study of their rusts. Agron. Lusitana [Lisbon] 13:221-226. 1951. 105.7 Ag8

72738 ORJUELA NAVARRETE, J. Las royas [Puccinia] del trigo en Colombia. Acad. Colomb. de Cien. Exact., Fís. y Nat. Rev. 8:380-383. Ref. Dec.1951. 516 Ac1

72739 OWEN, J. H. Pathogenicity of an undescribed Sclerotium sp. (Abs.) Assoc. South. Agr. Workers. Proc. 49:132. 1952. 4 C82

72740 PAIATSYK, V. V. Introduction of wart-resistant varieties—guarantee of successful control of potato wart. (In Russian.) Sad i Ogorod 12:54-57. Dec. 1951. 80 Sa13

72741 PICHLER, F. Zur methodik der beizmittelprüfung auf keimschädigung. Pflanzenschutzberichte 8: 118-123. May 1952. 464.9 P48
English summary.

72742 POHJAKALLIO, O. Über das auftreten von brand bei hafer unter verschiedenen belichtungsverhältnissen. (In Finnish.) Suomen Maataloustiet. Seura Maataloustiet. Aikakausk. 24:24-29. 1952. 20 Su7M
German summary.

72743 RAMSFJELL, T. Fungus diseases of apples. (In Norwegian.) Frukt og Baer 4:79-94. Ref. 1951. 80 F9428

72744 RAYNER, R. W. Spraying in time can prevent leaf rust. Coffee Bd. Kenya. Mon. B. 17:9. Jan.1952. 68.29 C652

72745 REED, H. E. Cereal root-rot studies in Tennessee. (Abs.) Assoc. South. Agr. Workers. Proc. 49:177. 1952. 4 C82

72746 REX, E. G. N. J. Dutch elm disease control survey—summer, 1951. Shade Tree 25(3):1-4. Mar. 1952. 99.8 Sh1

72747 RICHARDSON, J. K. The influence of tuber development on scab infection in Katahdin potatoes. Phytopathology 42:297-298. June 1952. 464.8 P56

72748 ROBERTS, D. A., and WEBER, G. F. Seasonal relations of silky thread blight, Rhizoctonia ramicola W. & R. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 134. 1952. 4 C82
On ornamental plants.

72749 ROBERTSON, N. Further investigations of the Fusarium yellows disease of Gladioli. Harrow,Middx., Brit. Gladiolus Soc.,1951? 7 p. 464.08 R54

72750 ROSA, M. Dieback of filberts in Viterbo. (In Italian.) Sta. di Patol. Veg. B. 8:249-254. 1950,pub.1952. 464.9 R862
English summary.

72751 ROTH, E. R. Eradication and thinning tests for Nectria and Strumella canker control in Maryland. (Abs.) Assoc. South. Agr. Workers. Proc. 49:134. 1952. 4 C82
Quercus.

72752 SALA, R. El moho de las manzanas y de las peras. Cult. Mod. 35:133-134. Apr.1952. 15 C89
Sclerotinia fructigena.

72753 SCHALLER, C. W., and WIEBE, G. A. Sources of resistance to new blotch [Pyrenophora teres] of barley. Agron. J. 44:334-336. June 1952. 4 Am34P

72754 SCHEFFER, T. C., and ENGLERTH, G. H. Decay resistance of second-growth Douglas-fir [Pseudotsuga taxifolia]. J. Forestry 50:439-442. Ref. June 1952. 99.8 F768

72755 SCHOBER, K. Die bekämpfung der krautfäule bei kartoffeln. Landwirtschaft 11/14:182-183. June/July 1952. 19 L235
Phytophthora infestans.

72756 SECHET. Présence de la piriculariose du riz. Agron. Trop. [Nogent-sur Marne] 7:152. Mar./Apr. 1952. 26 Ag86
Piricularia oryzae.

72757 SERZHENKO, S. S., and MESHALOVA, A. D. Testing preparations—substitutes for Bordeaux mixture [in mildew control on grapes]. (In Russian.) Vinodel. i. Vinograd. SSSR. 12:51-52. Jan.1952. 95.8 V77

72758 SHARIKOV, K. E. Method of distinguishing the live and dead sporangia of the potato wart organism [Synchytrium endobioticum]. (In Russian.) Sad i Ogorod 12:57-60. Dec.1951. 80 Sa13

72759 SHAY, J. R. The control of late summer diseases of apple. Hoosier Hort. 34:51-54. May 1952. 81 In2H

72760 SHEWELL-COOPER, W. E. Roses all the way; the way to ward off black spot and the disproval of a modern theory. Field 199:953. June 14,1952. 10 F45

72761 SINGH, B., and PAHARIA, K. D. Damping-off of papaya (Carica papaya L.) seedlings. Sci. & Cult. 17: 477-479. May 1952. 475 Sci24

72762 SMITH, A. L., and DICK, J. B. The inheritance of resistance to Fusarium wilt in upland and Sea Island cotton. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 139-140. 1952. 4 C82

72763 SMITH, W. P. C. Plant diseases. West. Austral. Dept. Agr. J. (ser.3)1:155,157,159-161. Mar./Apr. 1952. 23 W52J
Brown rot of citrus, twig blight, and collar rot of citrus.

72764 STAHL, M. Die frühjahrs- und sommerspritzungen im obstbau. Kosmos 48:133-137. Mar.1952. 474 K842

72765 STAHL, M. Zwei wichtige pilzkrankheiten der weinrebe und deren bekämpfung. Kosmos 48:177-179. Apr.1952. 474 K842
Due to Plasmopara viticola and Uncinula necator.

72766 STAPEL, C. Control new attacks of black rust; the fight against Berberis is not over. (In Danish.) Dansk Frøavl 35:153-154. June 1,1952. 61.8 D23

72767 STAPEL, C. On prohibited and allowed Berberis varieties. (In Danish.) Gart.-Tid. 68:176-177. May 5, 1952. 80 G192
Control of white pine blister rust.

72768 STEYAERT, R. L. La lutte contre la cercosporiose du bananier à la Jamaique. Cour. Agr. 17(8):2,4. Apr.16,1952. 24 C83
Cercospora musae.

72769 STOLL, K. Züchterische möglichkeiten der verhütung von fusskrankheiten der erbse. Deut. Landwirt. 3:258-262. May 1952. 18 D4822

72770 TAKESHITA, R. M., LINN, M. B., and ANDERSON, H. W. Oospores of the white-rust fungus, Albugo candida, found in leaves of horseradish. Plant Dis. Rptr. 36:253-254. June 15,1952. 1.9 P69P

72771 TAYLOR, J. C., HAWTHORNE, P. L., and WEBB, R. E. Calhoun Sweet, a wilt resistant watermelon. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 108. 1952. 4 C82
Caused by Fusarium niveum.

72772 TAYLOR, J. Some north Georgia apple production problems. (Abs.) Assoc. South. Agr. Workers. Proc. 49:132. 1952. 4 C82
Physalospora obtusa.

72773 TEDIN, O., and HELLBO, E. The frequency of loose smut in barley in control plots and in field inspections. (In Swedish.) Sveriges Utsädesför. Tidskr. 62:18-31. 1952. 61.9 Sv23
English summary.

72774 TERRIER, C. La pourriture des neiges affectant les céréales. Rev. Romande d'Agr. de Viticult. et d'Arboricult. 8:33-35. May 1952. 17 J82A
Typhula.

72775 THIEL, H. Zur verbreitungsweise des schmarotzerröhrlings [Xerocomus parasiticus]. Z. f. Pilzkunde 10:25-26. Mar.1952. 450 Z352

72776 THIRUMALACHAR, M. J., and WHITEHEAD, M. D. Sporangial phase of Sclerospora butleri. Amer. J. Bot. 39:416-418. June 1952. 450 Am36

72777 THOMSON, A. G. Information service for plant pathologists. New Commonwealth 24:9,8. July 7, 1952. 280.8 C88
Commonwealth Mycological Institute at Kew.

72778 TOGLIANI, F. An enemy of the rice-field, Fusarium moniliforme Sh. (In Italian.) Riso 1(3):21-22. Apr.1952. 59.8 R49

72779 TOMLINSON, J. A. Root rot of Crocus caused by Pythium ultimum. Plant Pathol. 1:50. June 1952. 464.8 P692

72780 ULLSTRUP, A. J. Leaf blights of corn. Ind. Agr. Expt. Sta. B. 572,22 p. Ref. Mar.1952. 100 In2B

72781 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. White-pine blister rust quarantine. U. S. Bur. Ent. & Plant Quar. B.E.P.Q.-Q. 63,4 p. Apr.25,1952. 1 F31

72782 VALLEAU, W. D. Breeding tobacco for immunity to black shank. (Abs.) Assoc. South. Agr. Workers. Proc. 49:137. 1952. 4 C82

72783 VASUDEVA, R. S., JAIN, A. C., and NEMA, K. G. Investigations of the inhibitory action of Bacillus subtilis on Fusarium udum Butl., the fungus causing wilt of pigeon-pea (Cajanus cajan (L.) Millsp.). Ann. Appl. Biol. 39:229-238. Ref. June 1952. 442.8 An72

72784 VENKATARAMANI, K. S. A tea root disease new to south India. Nature [London] 169:1099-1100. Ref. June 28,1952. 472 N21
Cylindrocladium sp.

72785 VESTERMAN, A. Oxydes cuivreux fongicides. Phytoma 5(35):20-22. Feb.1952. 464.8 P563

72786 VIDALI, A. Experiments in the control of oidium of tobacco (Erysiphe cichoriacearum) in the field by means of lithium carbonate. (In Italian.) Tabacco 56 (630):16-20. Jan.1952. 69.8 T115

72787 VIENNOT-BOURGIN, G., and MESSIAEN, J. M. Étude morphologique et biologique du chancre à Diaporthe du pommier et du poirier en France. Inst. Natl. Agron. Ann. 38:5-49. 1951. 105.3 In8

72788 VLOTEN, H. VAN. Evidence of host-parasite relations by experiments with Phomopsis pseudotsugæ Wilson. Scot. Forestry 6:38-46. Ref. Apr.1952. 99.8 Sco3
On Larix leptolepis.

72789 WADE, E. K. Know your fungicides. Badger Common 'Tater 5(5):4-5. May 1952. 75.8 B14

72790 WAGGONER, P. E. Distribution of potato late blight around inoculum sources. Phytopathology 42:323-328. Ref. June 1952. 464.8 P56

72791 WELLS, H. D., and ALLISON, J. L. Tall fescue seed can carry net blotch fungus. (Abs.) Assoc. South. Agr. Workers. Proc. 49:177. 1952. 4 C82
Helminthosporium dictyoides.

72792 WILES, A. B. A seedling inoculation technique for testing cotton varieties for resistance to Verticillium wilt. (Abs.) Assoc. South. Agr. Workers. Proc. 49:139. 1952. 4 C82

72793 WILSON, E. E. The branch wilt [Hendersonula toruloidea] problem, a progress report on the nature and control of this disease. Diamond Walnut News 34(4):4-6. July 1952. 94.68 D34

72794 WILSON, J. D. New tomato fungicide. Ohio Farm & Home Res. [Ohio Sta.] 37:41-42. May/June 1952. 100 Oh3S

72795 WILSON, R. D. Anthracnose of French beans. Banana B. 15(3):3-4. Mar.1,1952. 93.42 B22

72796 YOUNG, H. E. Crown budding for Oidium [O. heveae] resistance. Rubber Res. Inst. Ceylon. Q. C. 27: 16-18. Feb.1952. 78.9 C33Q
Hevea.

72797 YOUNG, H. E. Leaf mildew of rubber [Oidium heveae]—a review. Rubber Res. Inst. Ceylon. Q. C. 27:3-15. Ref. Feb.1952. 78.9 C33Q
Hevea.

72798 YOUNG, H. E. Root disease [Fomes] in replanted areas. Rubber Res. Inst. Ceylon. Q. C. 27:19-23. Feb.1952. 78.9 C33Q
Hevea.

72799 ZAPROMETOV, N. G. Treatment of mulberry seeds with granosan. (In Russian.) Les i Step' 3(9):18-20. Sept.1951. 99.8 L565

72800 ZOBRIST, L. La chute des aiguilles du pin. Forêt 5:147-151. May 1952. 99.8 F7683
Caused by Lophodermium pinastri.

72801 ZYCHA, H. Die Phomopsis-krankheit von Douglasie [Pseudotsuga taxifolia] und Japanlärche [Larix leptolepis]. Forstwiss. Centbl. 71:65-79. Ref. Mar./Apr. 1952. 99.8 F775

Diseases Caused by Bacteria

72802 ARK, P. A., STARR, M. P., and SUTTON, D. D. Bacterial chalk rot of yellow and pink callas. Phytopathology 42:320-322. Ref. June 1952. 464.8 P56
Erwinia carotovera on Zanthdeschia.

72803 BOEWE, G. H. Stewart's disease prospects in Illinois for 1952. Plant Dis. Rptr. 36:238. June 15, 1952. 1.9 P69P
Bacterium stewarti on corn.

72804 CHAMBERLAIN, D. W. A halo-producing strain of Pseudomonas glycinea. Phytopathology 42:299-300. June 1952. 464.8 P56
On soybeans.

72805 CIPRIANI, P. L. Affinities and differences between vegetable tumors produced by Agrobacterium tumefaciens (Smith and Townsend) Conn., and human tumors from cyto-chemical causes. (In Italian.) Phytopath. Z. 19:1-19. Ref. Apr.1952. 464.8 P562

72806 COOK, A. A., LARSON, R. H., and WALKER, J. C. Relation of the black rot pathogen [Xanthomonas campestris] to cabbage seed. Phytopathology 42:316-320. Ref. June 1952. 464.8 P56

72807 FEASTER, C. V. Bacterial pustule disease in soybeans: artificial inoculation, varietal resistance, and inheritance of resistance. Mo. Agr. Expt. Sta. Res. B. 487,26 p. Ref. Nov.1951. 100 M693
Xanthomonas phaseoli.

72808 FISHER, E. E. Black rot of stocks (Matthiola incana). Victoria. Dept. Agr. J. 50:183. Apr.1952. 23 V66J

72809 GAUTHERET, R. J. Cancer végétal et culture des tissus. Rev. de Path. Compar. 52:100-120. Feb.1952. 448.8 R326
English summary.
Includes discussion.

72810 HOLTZMANN, O. The nature of the wilt of carnations caused by Pseudomonas caryophylli (bacterial wilt). Colo. Flower Growers Assoc. B. 32:1-3. June 1952. 81 C715

72811 KELMAN, A. Evaluation of resistance to Pseudomonas solanacearum in tobacco under greenhouse conditions. (Abs.) Assoc. South. Agr. Workers. Proc. 49:139. 1952. 4 C82

72812 MEZZETTI, A. The 'bacterial spotting' of tomatoes produced by Pseudomonas tomato (Okabe) Breed and al. (In Italian.) Sta. di Patol. Veg. B. 8:19-34. Ref. 1950,pub.1952. 464.9 R662
English summary.

72813 MEZZETTI, A. Basal rot of the calla lily [Zantedeschia aethiopica] produced by Bacterium aroideae (Town.) Stapp in Italy. (In Italian.) Sta. di Patol. Veg. B. 8:45-59. Ref. 1950,pub.1952. 464.9 R662
English summary.

72814 NORTHEN, R. T. A pseudobulb rot in Cymbidiums. Orchid Digest 16:106-107. May/June 1952. 80 Or172

72815 REBERT, A. F. Les vitamines E et K et l'inositol dans le traitement des carcinomes de la tomate. Rev. de Path. Compar. 52:275-278. Ref. Apr.1952. 448.8 R326

72816 TAYLOR, H. S. Identification and control of bacterial spot of stone fruit. New Zeal. J. Agr. 84: 377-378. May 1952. 23 N48J
Xanthomonas pruni of plum and peach.

72817 UEMURA, S. Studies on the root nodules of alders (Alnus spp.). IV. Experiment on the isolation of Actinomycetes from alder nodules. (In Japanese.) Rin-Go-Shiken-Hokoku 52:1-22. Ref. May 1952. 99.8 R47
English summary.

72818 VAN LANEN, J. M., BALDWIN, I. L., and RIKER, A. J. Attenuation of crown gall bacteria [Agrobacterium tumefaciens] by cultivation in media containing glycine. J. Bact. 63:715-721. Ref. June 1952. 448.3 J82

72819 VAN LANEN, J. M., RIKER, A. J., and BALDWIN, I. L. The effect of amino acids and related compounds upon the growth, virulence, and enzyme activity of crown gall bacteria [Agrobacterium tumefaciens]. J. Bact. 63:723-734. Ref. June 1952. 448.3 J82

72820 VASUDEVA, R. S., and HINGORANI, M. K. Bacterial disease of wheat caused by Corynebacterium tritici (Hutchinson) Bergey et al. Phytopathology 42:291-293. June 1952. 464.8 P56

Viruses and Virus Diseases

72821 ABBOTT, E. V. Stability of strains of the sugarcane mosaic virus. (Abs.) Assoc. South. Agr. Workers. Proc. 49:142-143. 1952. 4 C82

72822 ACLAND, SIR R. Saving the cocoa crops. Field 199:945-946. June 14,1952. 10 F45
Campaign against swollen shoot, Gold Coast.

72823 AMES, R. W., and THORNBERRY, H. H. Carnation mosaic virus: properties and electron microscopy. Phytopathology 42:289-291. June 1952. 464.8 P56

72824 AZAB, Y. E., and CHILTON, S. J. P. Transmission of mosaic resistance to progenies in crosses between certain sugarcane varieties. (Abs.) Assoc. South. Agr. Workers. Proc. 49:143. 1952. 4 C82

72825 BALDACCI, E. An interpretation of the disruptive processes of phytopathological viruses. (In Italian.) Ricerca Sci. 22:471-473. Mar.1952. 475 It1

72826 BIRAGHI, A. A possible new virus disease of peach. (In Italian.) Sta. di Patol. Veg. B. 8:69-73. 1950, pub.1952. 464.9 R662
English summary.

72827 BONZ, G. Viruserkrankungen an den obstbäumen. Obstbau 71:36. Mar.1,1952. 80 Cb73

72828 BOWDEN, R. A. Results obtained by seed treatment on the control of X-diseases affecting Lathyrus odoratus L. (greenhouse sweet peas). (Abs.) Assoc. South. Agr. Workers. Proc. 49:106. 1952. 4 C82

72829 BRANAS, J. Remarques et observations sur la dégénérescence infectieuse de la vigne. Prog. Agr. et Vitic. 137:310-324. June 1/8,1952. 14 P94

72830 BRIERLEY, P. Exceptional heat tolerance and some other properties of the Chrysanthemum stunt virus. Plant Dis. Rptr. 36:243-244. June 15,1952. 1.9 P69P

72831 BROWN, R. F. Western yellows in New Jersey strawberries. N. J. State Hort. Soc. Hort. News 33:2515, 2532. May 1952. 81 N46

72832 CADMAN, C. H. and HARRIS, R. V. Leaf curl, a virus disease of raspberries in Scotland. J. Hort. Sci. 27:201-211. Ref. July 1952. 80 J825

72833 CADMAN, C. H., and HARRIS, R. V. A lethal virus disease of Lloyd George raspberry in Scotland. J. Hort. Sci. 27:212-214. July 1952. 80 J825

72834 CHEO, P. C., and POUND, G. S. Relation of air temperature, soil temperature, photoperiod, and light intensity to the concentration of cucumber virus 1 in spinach. Phytopathology 42:306-310. Ref. June 1952. 464.8 P56

72835 CICCARONE, A. Observations of some case of "mixed streak" of tomato in the vinicity of Naples. (In Italian.) Sta. di Patol. Veg. B. 8:187-191. 1950,pub. 1952. 464.9 R662
English summary.

72836 COMMONER, B., and DIETZ, P. M. Changes in non-protein nitrogen metabolism during tobacco mosaic virus biosynthesis. J. Gen. Physiol. 35:847-856. Ref. July 20,1952. 447.8 J822

72837 DIAS, H. F. A virus disease of lettuce, its transmission by aphids. (In Portuguese.) Agron. Lusitana [Lisbon] 13:153-169. Ref. 1951. 105.7 Ag8
English summary.

72838 FERNANDEZ VALIELA, M. V. Tristeza o podredumbre de las raicillas de los citrus en la Republica Argentina. Argentina. Cent. Nac. de Invest. Agr. Region Pampeana. P. Téc. 1,63 p. Ref. 1951. 9 Ar38

72839 GIACOMETTI, D. C., and STOREY, W. B. Citrus quick decline discovered in Hawaii. Calif. Citrog. 37:357. July 1952. 80 C125

72840 GIGANTE, R. A form of mosaic in Geranium [Pelargonium zonale]. (In Italian.) Sta. di Patol. Veg. B. 8:213-219. Ref. 1950,pub.1952. 464.9 R662
English summary.

72841 GILPATRICK, J. D., and WEINTRAUB, M. An unusual type of protection with the carnation mosaic virus. Science 115:701-702. June 27,1952. 470 Sci2

72842 GORTON, G. R. Viruses in Camellias. South. Calif. Camellia Soc. Camellia Rev. 13(6):3-4. Mar.1952. 97.31 So82

72843 GREENHAM, C. G., and others. Some electrical differences between healthy and virus-infected potato tubers. Nature [London] 169:973-974. June 7,1952. 472 N21
D. O. Norris, R. D. Brock, and A. M. Thompson, joint authors.

72844 GUALACCINI, F. Studies relative to the transmission of virus by means of Cuscuta. (In Italian.) Sta. di Patol. Veg. B. 8:235-243. Ref. 1950,pub.1952. 464.9 R662
English summary.

72845 HEIMAN-HERSHBERG, L. Treatment of mottleleaf in Shamouti groves. (In Hebrew.) Hassadeh 32:281-284. Mar.1952. 26 H27

72846 HUBER, G. A., and JOHNSON, F. Black raspberry mosaic in western Washington. Plant Dis. Rptr. 36:239-240. June 15,1952. 1.9 P69P

72847 HUTTON, E. M., and WARK, D. C. A relationship between immunity and localized reaction to virus X in the potato (Solanum tuberosum). Austral. J. Sci. Res. Ser. B, Biol. Sci. 5:237-243. May 1952. 442.8 Au72

72848 HUTTON, E. M., and PEAK, A. R. The selection of spotted-wilt-resistant phenotypes in the potato (Solanum tuberosum). Austral. J. Agr. Res. 3:137-147. Apr.1952. 23 Au783

72849 JENKINS, W. A. A lethal (virus) disease of fluecured tobacco, new to the old belt. (Abs.) Assoc. South. Agr. Workers. Proc. 49:138. 1952. 4 C82

72850 JUSTHAM, M. C. D., and OGILVIE, L. Tomato mosaic in relation to source of seed. Plant Pathol. 1:64-65. June 1952. 464.8 P692

72851 KNIGHT, C. A. The nucleic acids of some strains of tobacco mosaic virus. J. Biol. Chem. 197: 241-249. July 1952. 381 J824

72852 LEBEN, C., and FULTON, R. W. Effect of certain antibiotics on lesion production by two plant viruses. Phytopathology 42:331-335. Ref. June 1952. 464.8 P56

72853 LO, T. T. The sugar cane mosaic in Taiwan. (In Japanese.) J. Sugarcane Res. 6:1-9. Jan.1952. 65.8 J822
English summary.

72854 LÜDECKE, H. "Virus yellow"—a menace to European beet cultivation. F. O. Licht. Internatl. Zuckerber. 91(spec.no.):16-20. Apr.21,1952. 66.8 L61A

72855 MCLEAN, D. M. Occurrence of yellow-net virus disease in table beet seed plants in northwestern Washington. Plant Dis. Rptr. 36:241-242. June 15,1952. 1.9 P69P

72856 MEZZETTI, A. Further observations on persimmon leaf fall. (In Italian.) Sta. di Patol. Veg. B. 8: 75-78. 1950,pub.1952. 464.9 R662
English summary.

72857 MURAKISHI, H. H. Transmission of a leaf mosaic associated with color break in the flowers of Dendrobium superbum Reichb. f. Phytopathology 42:339-340. June 1952. 464.8 P56

72858 PERSONS, T. D. Phony peach disease—a review of organized control from 1929 to 1951 and the effect of recent developments on future control programs. (Abs.) Assoc. South. Agr. Workers. Proc. 49:132-133. 1952. 4 C82

72859 POSNETTE, A. F. Virus research at the West African Cacao Research Institute, Tafo, Gold Coast. Trop. Agr. [St. Augustine] 28:133-142. Ref. July/Dec. 1951. 26 T754

72860 POUND, G. S., and CHEO, P. C. Studies on resistance to cucumber virus 1 in spinach. Phytopathology 42:301-306. June 1952. 464.8 P56

72861 PUZZILLI, M. Observations on some American tobaccos resistant to mosaic and wildfire and crossing them with our strains of Virginia Bright. (In Italian.) Tabacco 56(630):21-27. Jan.1952. 69.8 T115

72862 QUANTZ, L. Untersuchungen über das erbsenvirus 1 ("enation"-mosaik-virus). I. Seine wirtspflanzen, ausbreitung und überwinterung. Nachrbl. des Deut. Pflanzenschutzdienstes 4:24-27. Ref. Feb.1952. 442.9 B832

72863 RANKIN, H. W. Progress report on internal cork of sweet potatoes. (Abs.) Assoc. South. Agr. Workers. Proc. 49:131. 1952. 4 C82

72864 ROLAND, G. Sur une mosaïque de Rumex obtusifolius. Parasitica 8:54-57. 1952. 464.8 P21

72865 SERRANO, P. The kadang kadang menace. Agr. & Indus. Life 14(5):25. May 1952. 25 Ag8
Virus disease of coconuts.

72866 SHEPARD, C. E., and BRUER, H. L. The incidence of phony disease in plum thickets as related to proximity of infected peach orchards. (Abs.) Assoc. South. Agr. Workers. Proc. 49:133. 1952. 4 C82

72867 SHEPARD, C. E., and BRUER, H. L. Wild plum in relation to the control of phony disease. (Abs.) Assoc. South. Agr. Workers. Proc. 49:133. 1952. 4 C82

72868 SILL, W. H., JR., and WALKER, J. C. Cowpea as an assay host for cucumber virus 1. Phytopathology 42:328-330. Ref. June 1952. 464.8 P56

72869 STEUDEL, W., and HEILING, A. Der einfluss der saatzeit auf auftreten und ausbreitung der vergilbungskrankheit der Beta-rüben. Nachrbl. des Deut. Pflanzenschutzdienstes 4:40-44. Ref. Mar.1952. 442.9 B832

72870 STEUDEL, W., and HEILING, A. Die vergilbungskrankheit der zuckerrübe. Deut. Landwirt.-Gesell. Mitt. 67:392-393. May 24,1952. 18 N39

72871 STOUT, G. L. Peach yellow bud mosaic. Calif. Dept. Agr. B. 41:53-57. Apr./June 1952. 2 C12M

72872 STOUT, G. L., and MCCLAIN, R. L. Quick decline of citrus. Calif. Dept. Agr. B. 41:58-60. Apr./June 1952. 2 C12M

72873 STUBBS, L. L. Virus diseases of citrus in Victoria. I. A virus disease of mandarin on Rough lemon (Citrus limon (Linn) Burmann) rootstock. Victoria. Dept. Agr. J. 50:124-128. Mar.1952. 23 V66J

72874 TAUBITZ. Massnahmen gegen die vergilbungskrankheit der rüben. Gesunde Pflanzen 4:77-79. Apr.1952. 464.8 G33

72875 TOPWORKING and the Q.D. [quick decline] disease. Calif. Citrog. 37:370. July 1952. 80 C125

72876 VIRUS diseases of bulbs. Florists' Rev. 110 (2849):19-20. Ref. July 3,1952. 80 W41

72877 VÖLK, J., BODE, O., and HAUSCHILD, I. Untersuchungen zur frage eines zusammenhanges zwischen düngung, blattlausbesatz und krankheitsausbreitung in kartoffelbeständen. I. Z. f. Pflanzenkrank. (Pflanzenpath.) u. Pflanzenschutz 59:97-110. Ref. 1952. 464.8 Z3
English summary.

72878 WEBER, F., and KENDA, G. Cactaceen-virus-eiweissspindeln. Protoplasma 41:111-120. Ref. Jan.5, 1952. 442.8 P94

72879 WEBER, F. Trypanoplasten-viruskörper von Rhipsalis. Phyton [Horn] 3:273-275. Dec.6,1951. 450 P565

72880 WEBER, F. Viruskörper fehlen den stomazellen. Protoplasma 40:635-639. Ref. 1951. 442.8 P94

72881 WOLFE, H. R., and ANTHON, E. W. More than one species of insect suspected in spread of Western X-disease. West. Fruit Grower 6(6):24-26. June 1952. 95.8 G762

72882 ZABALA, S. El mosaico de la alfalfa. Argentina. Dir. Gen. de Invest. Agr. IDIA 5(49):5-7. Jan.1952. 9 Id3

Diseases Caused by Nematodes

72883 ALLEN, M. W., and RASKI, D. J. Nematodes on strawberries; preplanting soil fumigation controls root-lesion nematodes in experiments with strawberries on old apple land. Calif. Agr. [Calif. Sta.] 6(6):3,14. June 1952. 100 C12Cag

72884 ANDERSON, C. G., and JENSEN, H. J. Root-lesion nematodes present in Christmas rose [Helleborus niger] imported from Holland. Plant Dis. Rptr. 36:253. June 15,1952. 1.9 P69P

72885 ANDEWEG, J. M., and others. Experiments with tomato root-stock resistent to root-knot eelworm. (In Dutch.) Netherlands. Dir. van de Tuinbouw. Meded. 15:255-264. May 1952. 86 N384
F. Tjallingii, W. G. van der Kroft, J. M. Riemens, and L. Bravenboer, joint authors.
English summary.

72886 BAZÁN DE SEGURA, C. The golden nematode [Heterodera rostochiensis] in Peru. Plant Dis. Rptr. 36: 253. June 15,1952. 1.9 P69P

72887 BOYLE, L. W. The nematode problem in home gardens. Ga. Agr. Expt. Sta. Press B. 635,3 p. Mar. 1952. 100 G29P
Includes control methods.

72888 COOPER, W. E. Control of peanut root knot by soil fumigation and by crop rotation. (Abs.) Assoc. South. Agr. Workers. Proc. 49:136. 1952. 4 C82
Caused by Meloidogyne hapla.

72889 CRALLEY, E. M. Control of white tip of rice. Ark. Farm Res. 1:6. Spring 1952. 100 Ar42F
Caused by a nematode, Aphelenchoides oryzae.

72890 DOUGLAS, E. Nematode nuisance becomes a menace; harder and harder to get good cotton stands and yields as eelworm infestations spread. Ariz. Farmer 31(15):1,14-15. July 19,1952. 6 Ar44

72891 FEDER, W. A. Yellow bud blight, a disease of Vanda Joaquim [orchids] in Hawaii. Hawaii. Agr. Expt. Sta. Prog. Notes 62,5 p. Jan.1951. 100 H313P
Caused by a nematode, Aphelenchoides ritzema-bosi.

72892 GOODEY, J. B. Investigations into the host ranges of Ditylenchus destructor and D. dipsaci. Ann. Appl. Biol. 39:221-228. Ref. June 1952. 442.8 An72

72893 GRAINGER, J. Recent work on Ayrshire on the control of potato-root eelworm. Ann. Appl. Biol. 39: 277-279. June 1952. 442.8 An72

72894 GREENLEAF, W. H. Tests for resistance to nematodes in tomatoes. (Abs.) Assoc. South. Agr. Workers. Proc. 49:107. 1952. 4 C82

72895 HANSON, C. H., ALLISON, J. L., and CHAMBLEE, D. S. The performance of Lespedeza strains on rootknot nematode infested soils in North Carolina. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 176-177. 1952. 4 C82

72896 HASTINGS, R. J., BOSHER, J. E., and NEWTON, W. Experimental transfers of the bulb nematode of Iris, of Narcissus, and of hyacinth to potato. Sci. Agr. 32:304-310. June 1952. 7 Sci2

72897 HASTINGS, R. J., BOSHER, J. E., and NEWTON, W. The revival of the Narcissus bulb eelworm, Ditylenchus dipsaci (Kuhn) Filipjev, from sublethal hot water treatments. Sci. Agr. 32:333-336. June 1952. 7 Sci2

72898 HOLDEMAN, Q. L., and GRAHAM, T. W. The association of the sting nematode [Belonolíamus gracilis] with some persistent cotton wilt spots in northeastern South Carolina. (Abs.) Assoc. South. Agr. Workers. Proc. 49:140. 1952. 4 C82

72899 HOMEYER, B. Die älchenkrankheit des roggens. Landwirt. Wchnbl. f. Westfalen u. Lippe 109 A:910. June 12,1952. 18 L2346

72900 KROFT, W. G. VAN DER. A new method of controlling root nematodes on tomatoes. 2. (In Dutch.) Groenten en Fruit 7:970. June 12,1952. 80 G89

72901 NEETHLING, L. J. Control of eelworm. Rhodesian Tobacco J. 4(5):71-73,105. May 1952. 69.8 R34

72902 NORTON, D. C. Root knot. Tex. Agr. Col. Ext. C. 300,8 p. Apr.1952. 275.29 T31C
Includes control measures.

72903 OOSTENBRINK, M. Monocyst-culture in host plant research of Heterodera. (In Dutch.) Tijdschr. over Plantenziekten 58:84-87. May/June 1952. 464.8 T44
English summary.

72904 SASSER, J. N. Studies on the control of root-knot nematodes (Meloidogyne spp.) with systox spray (E-1059), an organic phosphate insecticide. Plant Dis. Rptr. 36:228-233. June 15,1952. 1.9 P69P

72905 SAVARY, A. Les nématodes nuisibles aux cultures de céréales. Rev. Romande d'Agr. de Viticult. et d'Arboricult. 8:35. May 1952. 17 J82A

72906 SCHENK, P. J. The root nematode Heterodera marioni. (In Dutch.) Groenten en Fruit 7:898. May 15, 1952. 80 G89

72907 SOUTHEY, J. F. Unusual Chrysanthemum eelworm symptoms. Plant Pathol. 1:48-49. June 1952. 464.8 P692

72908 TARJAN, A. C. Nematode diseases of plants. Research [R. I. Sta.] 2:40-41,47. Spring 1952. 100 R34R

72909 THORNE, G. Beware of Old Man Nematode. U & I Cult. 12:18-19,45. Mar.1952. 66.8 U12
In sugar beets.

72910 TODD, E. H. Further studies on the white tip disease of rice. (Abs.) Assoc. South. Agr. Workers. Proc. 49:141. 1952. 4 C82
Caused by Aphelenchoides oryzae.

72911 VAN DER LINDE, W. J., and ANGELOPULO, V. Rootknot nematodes. Farming So. Africa 26:162,168. May 1951. 24 So842

72912 WEST OF SCOTLAND AGRICULTURAL COLLEGE. The golden eelworm; studies on the ecology and control of the potato root eelworm, Heterodera rostochiensis. West Scot. Agr. Col. Res. B. 10,72 p. Ref. Apr.1951. 103 W52R

ECOLOGY

72913 BERTSCH, K. Sumpf und moor als lebensgemeinschaft. Ravensburg,Maier,1951? 142 p. 463.82 B46

72914 BOGUSCH, E. R. Brush invasion in the Rio Grande Plain of Texas. Tex. J. Sci. 4:85-91. Ref. Mar. 30,1952. 470 T31

72915 BOLÓS, A. DE, and BOLÓS, O. DE. Sobre el robledal del llano de Olot (Isopyreto-Quercetum roboris). Barcelona. Inst. Bot. Collect. Bot. 3:137-145. 1951. 451 B234

72916 BOLÓS, O. DE. El elemento fitogeográfico eurosiberiano en las sierras litorales catalanas. Barcelona. Inst. Bot. Collect. Bot. 3:1-42. Ref. 1951. 451 B234

72917 BREWIN, B. I. Seasonal changes in microplankton in the Otago harbour during the years 1944 and 1945. Roy. Soc. New Zeal. Trans. & Proc. 79:614-627. Mar.1952. 514 W46

72918 CAIN, S. A., and EVANS, F. C. The distribution patterns of three plant species in an old-field community in southeastern Michigan. Mich. U. Lab. Vertebrate Biol. Contrib. 52,11 p. Ref. Mar.1952. 410.9 M583
Lespedeza capitata, Liatris aspera, and Solidago rigida.

72919 CHRISTY, H. R. Vertical temperature gradients in a beech forest in central Ohio. Ohio J. Sci. 52:199-209. July 1952. 410 Oh3

72920 CHUDACZEK, E. Die schuttflora Münchens und ihre beziehungen zur umwelt. Landwirt. Jahrb. f. Bayern 29:257-315. Ref. May/June 1952. 18 L24

72921 CUCCHI, C. C. Ecological characteristics of the flora of the fields of Montevergine. (In Italian.) Delpinoa 4:68-115. 1951. 451 N16
English summary.

72922 DE SELM, H. R. Carbon dioxide gradients in a beech forest in central Ohio. Ohio J. Sci. 52:187-198. Ref. July 1952. 410 Oh3

72923 EM, H. Beitrag zur kenntnis von dendroflora und waldvegetation der V. R. Mazedonien der waldkomplex Vrvoi-Cocan bei Kicevo. (In Serbo-Croatian.) Skoplje. U. Zemjodelsko-Shumarski Fakul. God. Zbornik 1948/49 (2,Shumarstvo):3-34. Ref. 1951. 21.5 Sk5
German summary.

72924 EVANS, F. C. The influence of size of quadrat on the distributional patterns of plant populations. Mich. U. Lab. Vertebrate Biol. Contrib. 54,15 p. Ref. Mar. 1952. 410.9 M583

72925 EVANS, F. C., and CAIN, S. A. Preliminary studies on the vegetation of an old-field community in southeastern Michigan. Mich. U. Lab. Vertebrate Biol. Contrib. 51,17 p. Ref. Mar.1952. 410.9 M583

72926 GIACOBBE, A. L'ecologie dell'abete bianco [Ecology of the white fir]. IV. Toulouse. U. Lab. Forest. Trav. 1(5,art.3),22 p. Ref. 1951. 99.9 T64
French summary.
Abies alba.

72927 HUMPHREY, R. R. Climatic change in Arizona. Ariz. Cattelog 7(8):60-63. Apr.1952. 43.8 Ar42
Effects on vegetation.

72928 KOLB, W. D. Shrubby and herbaceous associations found under West Virginia forest cover types. W. Va. Acad. Sci. Proc. 23:49-51. 1951,pub.1952. 500 W52

72929 KRAMER, C., POST, J. J., and WILTEN, W. Brouwgerst en klimaat [Malting barley and climate]. Natl. Comt. v. Brouwgerst. Meded. 18,149 p. Ref. 1952. 390.9 N21M
English summary.

72930 LAINZ, M. Datos florísticos sobre la cuenca media del río Carrión. Barcelona. Inst. Bot. Collect. Bot. 3:85-94. 1951. 451 B234

72931 LOTSCHERT, W. Vegetation und pH-faktor auf kleinstem raum in kiefern- und buchenwäldern auf kalksand, löss und granit. (Excerpts.) Biol. Zentbl. 71: 327-348. Ref. 1952. 442.8 B523

72932 MAAN, W. J. La influencia reciproca de las plantas. Pampa Argentina 25(292):4,30. Apr.1952. 9 P19

72933 MONOD, T. Contribution à l'étude du peuplement de la Mauritanie. Notes botaniques sur l'Adrar (Sahara Occidental). Inst. Franç. d'Afrique Noire. B. 14: 405-449. Ref. Apr.1952. 515 D14

72934 MONTASIR, A. H., and SHAFEY, M. Studies on the autecology of "Fagonia arabica." Inst. Fouad Ier du Désert. B. 1:55-76. Ref. Jan.1951. 515 In7

72935 MONTASIR, A. H., and ABD EL RAHMAN, A. Studies on the autecology of "Zygophyllum simplex L." Inst. Fouad Ier du Désert. B. 1:35-54. Ref. Jan.1951. 515 In7

72936 MULLER, C. H. Plant succession in Arctic heath and tundra in northern Scandinavia. Torrey Bot. Club. B. 79:296-309. Ref. July/Aug.1952. 451 T63B

72937 OLSON, J. S. Vegetation-substrate relations in Lake Michigan sand dune development. Chicago,1951. 127 p. 56.5 OL8
Thesis - University of Chicago.

72938 PENFOUND, W. T. Southern swamps and marshes. Bot. Rev. 18:413-446. Ref. June 1952. 450 B6527

72939 PFEIFFER, H. Vergleichend-ökologische und soziologische beobachtungen am montanen Birkenbruch des Chiemgaues. Phyton [Horn] 3:242-251. Ref. Dec.6, 1951. 450 P565

72940 RUDOLPH, E. D. More than a tree grows in Brooklyn. Torrey Bot. Club. B. 79:329-330. July/Aug. 1952. 451 T63B

72941 SEVIM, M. Untersuchungen über die standorts- und bodenverhältnisse im Alaçam-waldgebiet (Dursunbey). (In Turkish.) Istanbul. U. Orman Fakul. Dergisi (ser.A) 1(2):115-142. Ref. 1951. 99.9 Is72
German summary.

72942 SIRCAR, S. M. Influence of environment on the production & geographical distribution of crop plants. Sci. Club J. 5(3):29-33. Dec.1951/Feb.1952. 475 Sci29

72943 SLAVNIC, Z. Uber die ökologie der art Populus bachofeni Wierz im gebiete des Deliblater sandes. (In Serbo-Croatian.) Sumarski List 76:35-42. Jan./Mar. 1952. 99.8 Su6
German summary.

72944 THOMSON, G. W. Measures of plant aggregation based on contagious distribution. Mich. U. Lab. Vertebrate Biol. Contrib. 53,16 p. Ref. Mar.1952. 410.9 M583

72945 VARESCHI, V. Über die wettbewerbsspannung in einigen alpinen und tropischen pflanzengesellschaften. Phyton [Horn] 3:142-155. Ref. Dec.6,1951. 450 P565

72946 VOGTHERR, J. Das forstlich-pflanzengeographische waldbild des Nürnberger reichswaldes jetzt und in der voergangenheit. Mitt. aus der Staatsforstverwalt. Bayerns 27:93-169. 1952. 99.9 B342
With comments by M. Ott-Eschke.

72947 WEISE. Pflanzensoziologische grünlandkartierung 1951. Landbforsch. Völkenrode 2:44-45. Apr.1952. 18 L2353

72948 YAMANAKA, T. Some observations on the limestone plants. (In Japanese.) J. Jap. Bot. 27:33-35. Jan.1952. 450 J8223

72949 ZOHARY, M., and FAHN, A. Ecological studies on East Mediterranean dune plants. Israel. Res. Council. B. 1(4):38-53. Ref. Feb.1952. 330.9 Is72B

MORPHOLOGY, ANATOMY, AND CYTOLOGY

72950 ALLSOPP, A. 'Spiral' roots in agar cultures of Marsilea. Nature [London] 169:1019-1020. June 14, 1952. 472 N21

72951 ALMEIDA, J. L. F. DE. Polyspermy in Quercus suber L. (In Portuguese.) Agron. Lusitana [Lisbon] 13:213-219. Ref. 1951. 105.7 Ag8
English summary.

72952 BACKEBERG, C. Rappel de l'origine de la fleur bourgeon modifié. Cactus [Paris] 7(31):27-28. Mar.15,1952. 450 C114

72953 BAGDA, H. Untersuchungen über den weiblichen gametophyten der Valonea-eiche (Quercus macrolepis Ky.). Istanbul. Ü. Fen Fakül. Mecmuasi. Ser. B, Tabif Ilimler 17:77-94. Ref. Jan.1952. 475 Is7

72954 BALDWIN, J. T., JR., and SPEESE, B. M. Helenium curtisii: its chromosomes. Torrey Bot. Club. B. 79:293-295. July/Aug.1952. 451 T63B

72955 BERGMAN, B. T. Chromosome morphological studies in Chondrilla juncea and some remarks on the microsporogenesis. Hereditas 38:128-130. 1952. 442.8 H42

72956 BOTELHO, E. A. Notes on the anatomy of Brazilian plants. (In Portuguese.) Brazil. Inst. Nac. de Tecnol. B. do INT 2(2):65-71. Jan.1951. 516 B73
Ocotea guyanensis.

72957 BRAUNS, A. Krüppelbuchen. Norddeut. Holzwirt 6(19):6. May 8,1952. 99.82 N75

72958 BUXBAUM, F. Morphologie du céphalium latéral chez Espostoa sericata. Cactus [Paris] 7(31):3-5. Mar.15,1952. 450 C114

72959 CANNON, R. C. The pineapple leaf; significance of size and shape. Queensland Fruit & Veg. News 2(17):6-7. Mar.14,1952. 280.38 Q3

72960 CATALANO, G., MEROLA, A., and PELLEGRINI, O. The genesis of lateral branches studied in the light of foliar theory. (In Italian.) Delpinoa 4:5-67. 1951. 451 N16
English summary.

72961 CICCARONE, A. The 'grooved fruits' of the tomato variety 'San Marzano.' (In Italian.) Sta. di Patol. Veg. B. 8:79-97. Ref. 1950,pub.1952. 464.9 R662
English summary.

72962 CLAVIER, Y., and CAUDERON, A. Un cas d'haploïdie chez l'orge cultivée. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:332-335. July/Sept.1951. 14 F8499A

72963 DOMMERGUES, P. Représentation graphique de l'évolution morphologique d'une orge au cours de sa croissance. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:367-375. Ref. July/Sept.1951. 14 F8499A

72964 DÜVEL, D., and MEVIUS, W., JR. Zur fluoreszenz der granen im chloroplasten. Naturwissenschaften 39:23. Jan.1,1952. 474 N213

72965 FRÉMOND, Y., and ORGIAS, A. Contribution à l'étude du système radiculaire du palmier à huile. Oléagineux 7:345-350. June 1952. 77.8 OL2

72966 GENEVÈS, L. Troubles produits par la congélation et le dégel dans des cellules vivantes de Cichorium intybus L. (variété endive). Acad. des Sci. Compt. Rend. 234:2304-2306. June 4,1952. 505 P21

72967 GEORLETTE, R. La parthénocarpie naturelle et artificielle chez les plantes à fruits comestibles. Ann. de Gembloux 58:36-79. Ref. First Q.1952. 13 G28

72968 GOIDANICH, G., and PETTINARI, C. Investigations on an alteration of uncertain nature of potato tubers. (In Italian.) Sta. di Patol. Veg. B. 8:11-17. 1950, pub.1952. 464.9 R662
English summary.

72969 GUINOCHET, M., and GORENFLOT, R. Sur l'existence de formes tétraploïdes chez Plantago coronopus L. Acad. des Sci. Compt. Rend. 234:2482-2484. June 16,1952. 505 P21

72970 HAGBERG, A., and TJIO, J. H. Cytological studies on some homozygous translocations in barley. Spain. Cons. Super. de Invest. Cient. Estac. Expt. de Aula Dei. An. 2:215-223. Ref. 1952. 506 Sp132

72971 HAGERUP, O. Bud autogamy in some northern orchids. Phytomorphology 2:51-60. Ref. Mar.1952. 450 P566

72972 HÄRTEL, O. Die stachelkugeln von Nitella. Protoplasma 40:526-540. Ref. 1951. 442.8 P94

72973 HAYASE, H. On the chromosome number, polysomaty and persistent nucleoli in the cultivated species of Cucurbita. (In Japanese.) Jap. J. Genet. 26: 41-51. Ref. Apr.1951. 442.9 J27
English summary.

72974 JINNO, T. The chromosomes in Rubus. II. (In Japanese.) Jap. J. Genet. 26:133-135. Aug.1951. 442.9 J27
English summary.

72975 KAVALJIAN, L. G. The floral morphology of the Clethra alnifolia with some notes on C. acuminata and C. arborea. Chicago,1951. 40 p. 463.5 K17
Thesis - University of Chicago.

72976 KENDA, G., THALER, I., and WEBER, F. Kern-kristalloide in stomata-zellen? Protoplasma 40: 624-632. Ref. 1951. 442.8 P94

72977 KENDA, G., and WEBER, F. Die membran der Bromeliaceen-schliesszellen. Phyton [Horn] 3:227-230. Ref. Dec.6,1951. 450 P565

72978 KENDA, G., THALER, I., and WEBER, F. Sphärit-bildung aus Cirsium-zellsaft. Protoplasma 41: 69-75. Ref. Jan.5,1952. 442.8 P94

72979 KENDA, G., and WEBER, F. Stomata an vergrünten Reseda-blüten. Phyton [Horn] 3:212-215. Dec.6, 1951. 450 P565

72980 LABOURIAU, L. G. Contribution to the study of sporophyll morphogenesis in "Anemia" Sw. IV-V. Rev. Bras. de Biol. 12:33-43,59-68. Ref. Apr.1952. 442.8 R326

72981 LANZA, F. Observations on the root system in "Zea mays indentata" (Hybrid "U 32") and in "Z. mays indurata" ("Nostrano dell'isola alto" variety). (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 68,9 p. 1951. 105.4 R66

72982 LEE, C. L. The anatomy and ontogeny of the leaf of Dacrydium taxoides. Amer. J. Bot. 39:393-398. Ref. June 1952. 450 Am36

72983 LIER, F. G. A comparison of the three-dimensional shapes of cork cambium and cork cells in the stem of Pelargonium hortorum Bailey. Torrey Bot. Club. B. 79:312-328. (Cont.) July/Aug.1952. 451 T63B

72984 LIMA-DE-FARIA, A. The chromomere size gradient of the chromosomes of rye. (Abs.) Hereditas 38:246-248. 1952. 442.8 H42

72985 LINSKENS, H. F. Änderung der oberflächenbenetzbarkeit während der blattentwicklung. Naturwissenschaften 39:65. Feb.1,1952. 474 N213

72986 LOFFREDO, M. S. A preliminary report on the morphogenesis of storm resistance in cotton. (Abs.) Assoc. South. Agr. Workers. Proc. 49:180. 1952. 4 C82

72987 LONGLEY, A. E. Chromosome morphology in maize and its relatives. Bot. Rev. 18:399-412. Ref. June 1952. 450 B6527

72988 MCDADE, E. Reversal of stem structure in Cattleya forms. Amer. Orchid Soc. B. 21:337-338. Apr. 1952. 80 Am329

72989 MAEKAWA, F. Stelocarp, a new concept for carpology. Appendix. A new fruit classification. (In Japanese.) J. Jap. Bot. 27:1-13. Ref. Jan.1952. 450 J8223
English summary.

72990 MAEKAWA, F. Sympodial branching in Meta-Sequoia. (In Japanese.) J. Jap. Bot. 27:59-60. Feb.1952. 450 J8223

72991 MANN, L. K. Anatomy of the garlic bulb and factors affecting bulb development. Hilgardia 21:195-251. Ref. Jan.1952. 100 C12H

72992 MAZZOLANI, G. Observations ultérieures sur le développement des bourgeons dé l'olivier (Olea europaea L.). Feuilles d'Inform. Oléicoles Internatl. (n.s.)12:12-14. Jan./Feb.1952. 80 F43
English summary.

72993 MEROLA, A. Hermaphroditism in an individual of Peumus boldus Molina and polygamy of the species. (In Italian.) Delpinoa 4:137-153. 1951. 451 N16
English summary.

72994 METZNER, H. Über den nachweis von nucleinsäuren in den chloroplasten höherer pflanzen. Naturwissenschaften 39:64-65. Feb.1,1952. 474 N213

72995 MEYER, J. Cécidogenèse de la galle de Lasioptera rubi Heeger et rôle nourricier d'un mycélium symbiotique. Acad. des Sci. Compt. Rend. 234:2556-2558. June 23,1952. 505 P21
On Rubus.

72996 MILLER, L., and HANLIN, B. Development and persistence of root hairs. W. Va. Acad. Sci. Proc. 23:207-208. 1951,pub.1952. 500 W52
In radishes.

72997 MOEWUS, F., and WOLFSCHLAG, U. Über grössenunterschiede von pollenkörnern und narbenpapillen bei einigen heterostylen pflanzen. Z. f. Natforsch. 7b: 196-197. Mar.1952. 474 Z3

72998 MOMIYAMA, Y. Winter buds of Euonymus melanantha. (In Japanese.) J. Jap. Bot. 27:14. Jan.1952. 450 J8223

72999 MONTASIR, A. H., and ABD EL RAHMAN, A. Root development of Zygophyllum simplex L. Inst. Fouad Ier du Désert. B. 1:21-34. Ref. Jan.1951. 515 In7

73000 NOBECOURT, P. Études sur la structure et la constitution des membranes cellulaires végétales. Assoc. Tech. de l'Indus. Papetière. B. 6:1-13. Mar.1952. 302.9 As5

73001 OGURA, Y. Morphology of the subterranean organs of Erythronium japonicum and its allied species. (In Japanese.) J. Jap. Bot. 27:37-45. Feb.1952. 450 J8223

73002 OKUNO, S. Cytological studies on potatoes, with some remarks on genetical experiments. I. Jap. J. Genet. 26:79-103. Aug.1951. 442.9 J27

73003 PARKIN, J. The unisexual flower—a criticism. Phytomorphology 2:75-79. Ref. Mar.1952. 450 P566

73004 RAJU, M. V. S. Embryology of Sabiaceae. Cur. Sci. 21:107-108. Apr.1952. 475 Sci23

73005 RAO, B. S. S. Persistent pollen tubes in Antigonon leptopus Hook. et Arn. Cur. Sci. 21:106-107. Apr.1952. 475 Sci23

73006 RASKATOV, P. B. Anatomical structure of an acorn. (In Russian.) Lesn. Khoz. 4(9):75-78. Sept. 1951. 99.8 L5622

73007 RODRIGUES, A. Biometric study on the torsioned trunks of Eucalyptus globulus Labill. (In Portuguese.) Agron. Lusitana [Lisbon] 13:319-331. Ref. 1951. 105.7 Ag8
English summary.

73008 RODRIGUES, A., and MENEZES, A. Relation between number of seeds and form and size of fruit of the Rocha pear. (In Portuguese.) Agron. Lusitana [Lisbon] 13:227-251. 1951. 105.7 Ag8
English summary.

73009 ROPER, R. B. The embryo sac of Butomus umbellatus L. Phytomorphology 2:61-74. Ref. Mar.1952. 450 P566

73010 SCHMIDT, H. H. Studien zur experimentellen pathologie der chloroplasten. II. Protoplasma 40:507-525. Ref. 1951. 442.8 P94

73011 SCHNEIDER, H. The phloem of the sweet orange tree trunk and the seasonal production of xylem and phloem. Hilgardia 21:331-366. Ref. Apr.1952. 100 C12H

73012 SCHOCH-BODMER, H., and HUBER, P. Local apical growth and forking in secondary fibres. Leeds Philos. & Lit. Soc. Sci. Sect. Proc. 6:25-32. Ref. Jan. 1952. 501 L51

73013 SCHREIBER, G. Quantitative cytological research. X. Caryometric studies of the meristem of Allamanda cathartica L. var. nobilis. (In Portuguese.) Acad. Bras. de Cien. An. 23:393-414. Ref. 1951. 516 R473A
English summary.

73014 SCHREVEN, A. C. VAN. The fruit of Spartina townsendii Groves. Nederland. Akad. van Wetensch. Proc. Ser. C, Biol. & Med. Sci. 55:150-162. Mar./Apr. 1952. 442.9 Am8

73015 SEITZ, F. W. Chromosomenzahlenverhältnisse bei holzpflanzen. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:22-32. Ref. 1951. 99.8 Z36

73016 SEITZ, F. W. Zwei neue funde von zwitterigkeit bei der aspe. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:70-73. Ref. 1952. 99.8 Z36

73017 SNOW, M., and SNOW, R. Minimum areas and leaf determination. Roy. Soc. London. Proc. Ser. B, Biol. Sci. 139:545-566. Ref. July 10,1952. 501 L84B
Study chiefly of Lupinus.

73018 SOKOL'SKAIA, B. P. On early approval of red clover. (In Russian.) Agrobiologiîa 2:117-119. Mar./Apr.1952. 20 Ag822
Morphological observations chiefly.

73019 SOUBIHE SOBRINHO, J., and GURGEL, J. T. A. Characteristics of the seeds of fruit-producing Myrtaceae. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:83-90. Mar./Apr.1952. 9.2 R324
English summary.

73020 STAPP, C. Können sich chondriosomen (zellbestandteile) in bakterien umwandeln? Umschau 52:212-214. Apr.1,1952. 474 Um7

73021 SUNDARARAJ, D. D., LAKSHMAN, K. G., and RAMAKRISHNAN, V. The phenomenon of poly—and schizocotyly in a few dicotyledons. Sci. & Cult. 17:480-482. Ref. May 1952. 475 Sci24

73022 SUSMEL, L. Corrélation entre l'ampleur des anneaux et des zones tardives, la longueur des trachéides et les poids spécifiques dans le bois de sapin de Douglas. (In Italian.) Italia Forest. e Mont. 7:30-45. Ref. Jan./Feb.1952. 99.8 It12
French summary.

73023 TATUNO, S. Geschlechtschromosomen bei einigen lebermoosen. X. Geschlechtschromosomen bei einigen arten von Frullania. (In Japanese.) Jap. J. Genet. 26:149-152. Aug.1951. 442.9 J27
German summary.

73024 THALER, I. Morphologisches über Veronica filiformis Smith und ihre verwandten. Phyton [Horn] 3: 216-226. Ref. Dec.6,1951. 450 P565

73025 THALER, I. Stomata an verlaubten fruchtblättern. Phyton [Horn] 3:187-188. Dec.6,1951. 450 P565

73026 THIELKE, C. Sekundäre membranverwachsungen im bereich der spaltöffnungen am blütenstengel von Narcissus poeticus L. Protoplasma 40:639-644. 1951. 442.8 P94

73027 THOMAS, J. B. A note on the occurrence of grana in algae and in photosynthesizing bacteria. Nederland. Akad. van Wetensch. Proc. Ser. C, Biol. & Med. Sci. 55:207-208. Mar./Apr.1952. 442.9 Am8

73028 UBACH, M. Estudio anatômico de la epidermis del fruto de algunas especies de Galium. Barcelona. Inst. Bot. Collect. Bot. 3:109-135. 1951. 451 B234

73029 VALLMITJANA, L. El condrioma de las diatomeas y consideraciones sobre condriosomas y plastos en seres inferiores. Inst. de Cien. Nat. José de Acosta. Trab. Ser. Biol. 3:92-110. Ref. 1951. 442.9 Sp12
English summary.

73030 VITTORIA, A. Critique of topographic (indirect) and anatomical (direct) methods for the study of the differenciation of flower buds. (In Italian.) Delpinoa 4:129-136. 1951. 451 N16
English summary.

73031 WARDLAW, C. W. The study of growth and form in plants. Endeavour 11:97-106. Apr.1952. 472 En2

73032 WARDROP, A. B., and DADSWELL, H. E. The cell wall structure of xylem parenchyma. Austral. J. Sci. Res. Ser. B, Biol. Sci. 5:223-236. Ref. May 1952. 442.8 Au72

73033 WEBER, F. Scharinger-körper fehlen den schliesszellen von Delphinium. Phyton [Horn] 3:210-211. Dec.6,1951. 450 P565

73034 WOODARD, J. W. Some chromosome numbers in Vanda. Amer. Orchid Soc. B. 21:247-249. Mar.1952. 80 Am329

73035 YOUNGKEN, H. W. A pharmacognostical study of roots of different species of Veratrum. Amer. Pharm. Assoc. J. Sci. Ed. 41:356-361. Ref. July 1952. 396.9 Am33J

73036 ZIERIACKS, H. Über blüteninduktion durch keim- und primärblätter. Biol. Zentbl. 71:210-238. Ref. 1952. 442.8 P523

GENETICS

73037 ANDERSON, E., and GAGE, A. Introgressive hybridization in Phlox bifida. Amer. J. Bot. 39:399-404. Ref. June 1952. 450 Am36

73038 ARASHI, K., and TAKAHASHI, M. Sakumotsu ikushu no kiso to jissai (Basis and practice of crop breeding). Tokyo,Meibun-do,1951. 454 p. 463.6 Ar1

73039 BADENHUIZEN, N. P. Chemistry and heredity. So. African Indus. Chem. 6:46-50. Mar.1952. 385 So8
With reference to plants.

73040 BAUMAN, L. F. Progress report on genetic control of male sterility. Amer. Seed Trade Assoc. Hybrid Corn Indus.-Res. Conf. Proc. 6:13-18. 1951. 59.9 Am32

73041 BERNSTRÖM, P. Cytogenetic intraspecific studies in Lamium. I. Hereditas 38:163-220. Ref. 1952. 442.8 H42

73042 BONNER, D. M. Gene-enzyme relationships in Neurospora. Cold Spring Harbor Symposia Quantit. Biol.16:143-157. 1951. 442.9 C672C

73043 BROWN, M. S., and MENZEL, M. Y. Additional evidence on the crossing behavior of Gossypium gossypioides. Torrey Bot. Club. B. 79:285-292. Ref. July/Aug.1952. 451 T63B

73044 DIX, W. Allerlei aus der pflanzenzüchtung. Saatgut Wirt. 4:83-86. Apr.1952. 61.8 Sa1

73045 EPHRUSSI, B., and HOTTINGUER, H. On an unstable cell state in yeast. Cold Spring Harbor Symposia Quantit. Biol. 16:75-85. Ref. 1951. 442.9 C672C
Includes discussion.

73046 FRENCH, A. P. The peach; inheritance of time of ripening and other economic characters. Mass. Agr. Expt. Sta. B. 462,31 p. Ref. June 1951. 100 M38H

73047 GADD, I. Definitions of variety concept, strains or lines or compatability. (In Swedish.) Sweden. Stat. Cent. Frökontanst. Meddel. 27:26-28. 1952. 61.9 Sw3

73048 GAGNIEU, A. Production de pollen chez le pommier: possibilité de léthalite génique monofactorielle. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:455-496. Ref. Oct./Dec. 1951. 14 F8499A
English summary.

73049 GENES and mutations. Cold Spring Harbor Symposia Quantit. Biol. 16,521 p. 1951. 442.9 C672C

73050 GILES, N. H., JR. Studies on the mechanism of reversion in biochemical mutants of Neurospora crassa. Cold Spring Harbor Symposia Quantit. Biol. 16: 283-313. Ref. 1951. 442.9 C672C

73051 GOLDSCHMIDT, R. B. Chromosomes and genes. Cold Spring Harbor Symposia Quantit. Biol. 16: 1-11. Ref. 1951. 442.9 C672C
Includes discussion.

73052 GREENLEAF, W. H. Inheritance of pungency and of the deciduous character in peppers (Capsicum annum). (Abs.) Assoc. South. Agr. Workers. Proc. 49: 110-111. 1952. 4 C82

73053 GREHN, J. Über spaltungserscheinungen und photoperiodische einflüsse bei kreuzungen innerhalb der sektion Populus Leuce Duby. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:61-69. Ref. 1952. 99.8 Z36

73054 GUSTAFSSON, A. Mutations, environment and evolution. Cold Spring Harbor Symposia Quantit. Biol. 16:263-281. Ref. 1951. 442.9 C672C
Includes discussion.
Based on plants.

73055 HAGBERG, A. Heterosis in F_1 combinations in Galeopsis. II. Hereditas 38:221-245. Ref. 1952. 442.8 H42

73056 JONES, J. W. Inheritance of natural and induced mutations in Caloro rice, and observations on sterile Caloro types. J. Hered. 43:81-85. Mar./Apr.1952. 442.8 Am3

73057 JONES, M. D., and SIEGLINGER, J. B. Effect of the waxy gene on grain yields of sorghum. Okla. Agr. Expt. Sta. Tech. B. T-44,15 p. Ref. May 1952. 100 Ok4

73058 KARAPETIAN, V. K. Some new facts on the transformation of species in cereals. (In Russian.) Agrobiologiia 2:29-44. Ref. Mar./Apr.1952. 20 Ag822
Genetics of rye and wheat.

73059 KEHR, A. E., and SMITH, H. H. Multiple genome relationships in Nicotiana. N. Y. (Cornell) Agr. Expt. Sta. Mem. 311,19 p. Ref. Mar.1952. 100 N48C

73060 KREBAUM, W. Die bedeutung der Mitschurinbiologie für unsere landwirtschaft. Mitschurin-Feld 3: 133-135. 1951. 18 M694

73061 LAMPRECHT, H. Ein Phaseolus coccineus-typ mit scheckigen blüten und seine vererbung. Agr. Hort. Genet. 9:135-138. 1951. 64.8 Ag8
English summary.

73062 LAWRENCE, W. J. C. Practical plant breeding. Ed. 3. London,Allen & Unwin,1951. 166 p. 64 L43

73063 LORZ, A. P. An interspecific cross involving the lima bean Phaseolus lunatus L. Science 115:702-703. June 27,1952. 470 Sci2

73064 MCCLINTOCK, B. Chromosome organization and genic expression. Cold Spring Harbor Symposia Quantit. Biol. 16:13-47. Ref. 1951. 442.9 C672C
In corn.

73065 MAHESHWARI, P. Lysenko's latest discovery-the conversion of wheat into rye, barley and oats. Nature [London] 170:66-68. July 12,1952. 472 N21

73066 MATSUMURA, S. Studies on pentaploid wheat hybrids. (In Japanese.) Jap. J. Genet. 26:211-218. Ref. Dec.1951. 442.9 J27

73067 MICHAELIS, P. Interactions between genes and cytoplasm in Epilobium. Cold Spring Harbor Symposia Quantit. Biol. 16:121-129. Ref. 1951. 442.9 C672C

73068 MORIYA, A. Sugarcanes in the Far East; some cytogenetical considerations. J. Hered. 43:101-104. Ref. Mar./Apr.1952. 442.8 Am3

73069 MULLER, C. H. Ecological control of hybridization in Quercus: a factor in the mechanism of evolution. Evolution 6:147-161. Ref. June 1952. 443.8 Ev62

73070 NAKAJIMA, G. Cytogenetical studies of triple hybrid from F_1 Triticum turgidum × Secale cereale and Triitcum vulgare. II. (In Japanese.) Jap. J. Genet. 26: 105-118,199-202. Apr.-Aug.1951. 442.9 J27
English summary.

73071 NAKAJIMA, G. Cytogenetical studies on the amphidiploid of Quamoclit. (In Japanese.) Jap. J. Genet 26:203-209. Ref. Dec.1951. 442.9 J27
English summary.

73072 NEDESHEVA, G. N. Change of heredity of winter wheats under the influence of low temperature at the yarovization phase. (In Russian.) Agrobiologiia 2:55-66. Mar./Apr.1952. 20 Ag822

73073 OKUNO, S. Genetical studies on the frost resistance and maturity of potato. (In Japanese.) Jap. J. Genet. 26:137-140. Ref. Aug.1951. 442.9 J27
English summary.

73074 ONO, H. Intergeneric hybridization in Cichorieae. IX. Considerations on cytological and morphological features of F_4 individuals of Paraixeris denticulata × Crepidiastrum platyphyllum with special reference to fertility. Jap. J. Genet. 26:157-173. Ref. Dec.1951. 442.9 J27

73075 RAO, L. S. P., and SUBRAMANIAM, M. K. Somatic chromosomal reduction in yeast. Arch. f. Mikrobiol. 17:160-165. May 1952. 442.8 Ar26

73076 REBISCHUNG, J. Étude de populations de ray-grass et du mode de transmission de deux caractères dans le genre Lolium. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:497-546. Oct./Dec.1951. 14 F8499A
English summary.

73077 SCHWEMMLE, J. Gibt es eine selektive befruchtung? III. Biol. Zentbl. 71:152-183. 1952. 442.8 B523

73078 SONNEBORN, T. M. Some current problems of genetics in the light of investigations on Chlamydomonas and Paramecium. Cold Spring Harbor Symposia Quantit. Biol. 16:483-503. Ref. 1951. 442.9 C672C

73079 SPECKMANN, G. J. The induction of polyploids and their practical significance for plant breeding. Zaad-Bloem-en Bollenwereld 16:221,223. May 1952. 61.8 Z12

73080 SPIEGELMAN, S. The particulate transmission of enzyme-forming capacity in yeast. Cold Spring Harbor Symposia Quantit. Biol. 16:87-98. Ref. 1951. 442.9 C672C

73081 STADLER, L. J. Spontaneous mutation in maize. Cold Spring Harbor Symposia Quantit. Biol. 16: 49-63. Ref. 1951. 442.9 C672C

73082 STEPHENS, S. G. "Homologous" genetic loci in Gossypium. Cold Spring Harbor Symposia Quantit. Biol. 16:131-141. Ref. 1951. 442.9 C672C
Includes discussion.

73083 SYAKUDO, K. Studies on the quantitative inheritance. 6. A. Rice (Oryza sativa L.). c. inheritance of the size and form of grains and the quantitative function of the causal genes in their length determination. 1. On the quantitative function of the genes Gr_1 Gr_2 and Ka. (In Japanese.) Jap. J. Genet. 26:13-29. Ref. Apr.1951. 442.9 J27
English summary.

73084 TUCKER, J. M. Evolution of the Californian oak Quercus alvordiana. Evolution 6:162-180. Ref. June 1952. 443.8 Ev62

73085 WAGENINGEN. INSTITUUT VOOR DE VEREDELING VAN TUINBOUWGEWASSEN. Jaarverslag [Annual report of the Institute for Plant Breeding, Wageningen] 1950. Wageningen,1951. 194 p. 64.9 W12J

73086 WARID, W. A. Inheritance of soluble solids in the onion Allium cepa L. (Abs.) Assoc. South. Agr. Workers. Proc. 49:110. 1952. 4 C82

73087 YAMADA, T., and FUJIYOSHI, S. Studies on the type of young plants, its inheritance and relation to several adult characters in wheat. I. Gene analysis. (In Japanese.) Jap. J. Genet. 26:185-194. Dec.1951. 442.9 J27
English summary.

PHYSIOLOGY

73088 AGARWALA, S. C. Relation of nitrogen supply to the molybedenum requirement of cauliflower grown in sand culture. Nature [London] 169:1099. Ref. June 28, 1952. 472 N21

73089 AITKEN, T. R., MEREDITH, W. O. S., and OLSON, P. J. Effect of 2,4-D on qualities of western Canadian wheat, barley, and oats. Sci. Agr. 32:317-332. Ref. June 1952. 7 Sci2

73090 ALEXANDER, C. C., and WALSH, D. New chemical agent makes possible complete control of iron chlorosis. Agr. Chem. 7(7):36-38. July 1952. 381 Ag8
Combination of salts of ethylenediamine tetra-acetic acid and the required mineral.

73091 ALTENA, A. C. J. VAN. Investigation of viability of legumes with the help of tetrazolium. (In Dutch.) Zaadbelangen 6:114-115. May 31,1952. 61.8 Z1

73092 AMATO, F. D'. Does meso-inositol inhibit the colchicine effect in the roots of Allium cepa? Arch. Internatl. de Pharmdyn. et de Ther. 89:409-414 Ref. May 1,1952. 448.8 Ar226

73093 ARNEY, S. E. Some effects of nitrogen nutrition on the morphology and anatomy of marrow-stem kale. Ann. Appl. Biol. 39:266-276. Ref. June 1952. 442.8 An72

73094 ATKINSON, J. D. Oil injury— an unusual cause of death in apricot trees. Orchardist New Zeal. 25(4):11, 13. May 5,1952. 80 Or19

73095 AVERY, G. S., JR. Hormone primer. Plants & Gard. 8:4-6. Spring 1952. 450 P694

73096 AVERY, G. S., JR. Hormones for apples and pears. Plants & Gard. 8:26-28. Spring 1952. 450 P694

73097 AVERY, G. S., JR. Rooting of cuttings; how to get faster and better rooting by the use of hormones. Plants & Gard. 8:14-15. Spring 1952. 450 P694

73098 BAILEY, L. F., ROTHACHER, J. S., and CUMMINGS, W. H. A critical study of the cobalt chloride method of measuring transpiration. Plant Physiol. 27: 563-574. Ref. July 1952. 450 P692

73099 BAKSHI, T. S. The effect of a preliminary period of darkness on the percentage germination of the seeds of Anisochilus eriocephalus Benth. Cur. Sci. 21: 108. Apr.1952. 475 Sci23

73100 BEAUCHAMP, C. E. Review of experiments conducted to increase the sugar content of sugar cane by means of hormones. Asoc. de Tec. Azucareros de Cuba. Proc. 24:147-164. 1950. 65.9 As5

73101 BERG, B. Die bestäubung und befruchtung der pflanzen. Saatgut Wirt. 4:95-96. (Cont.) Apr.1952. 61.8 Sa1

73102 BERTOSSI, F. Effects of insecticides with chlordane base (octaklor) on tobacco plants. (In Italian.) Tabacco 56:62-64. Ref. Feb.1952. 69.8 T115

73103 BERVOETS, W. P. De l'effet de l'hexachlorcyclohexane sur le plankton. Hydrobiologia 4:214-219. Jan.3,1952. 410 H992
English summary.

73104 BEYERS, E. Leaf analysis in relation to plant nutrition. Farming So. Africa 26:173-176. May 1951. 24 So842

73105 BIDDULPH, O., and WOODBRIDGE, C. G. The uptake of phosphorus by bean plants with particular reference to the effects of iron. Plant Physiol. 27:431-444. Ref. July 1952. 450 P692

73106 BÖHNING, R. H., and LUSANANDANA, B. A comparative study of gradual and abrupt changes in root temperature on water absorption. Plant Physiol. 27:475-488. Ref. July 1952. 450 P692

73107 BOUILLENNE, M., and EVRARD, L. Influence de certaines substances hormonales sur la croissance du mycélium de Agaricus hortensis (Cooke) forma albida Lange. Inst. pour l'Encour. de la Rech. Sci. dans l'Indus. et l'Agr. Compt. Rend. de Rech. 6:127-134. Jan.1952. 330.9 In7C

73108 BOUILLENNE, R., and BOUILLENNE-WALRAND, M. Recherches sur la rhizogenèse. Transport non polaire de la rhizocaline dans les épicotyles de Impatiens balsamina L. et de Phaseolus vulgaris L. Inst. pour l'Encour. de la Rech. Sci. dans l'Indus. et l'Agr. Compt. Rend. de Rech. 6:95-111. Jan.1952. 330.9 In7C

73109 BOUILLENNE-WALRAND, M. Hormones d'application;recherches biologiques sur l'action des herbicides sélectifs 2-4 D. et dérivés. Inst. pour l'Encour. de la Rech. Sci. dans l'Indus. et l'Agr. Compt. Rend. de Rech. 6:15-92. Ref. Jan.1952. 330.9 In7C

73110 BOWDEN, R. A. Carnations and photoperiodism in relation to temperature and ventilation in the deep South. (Abs.) Assoc. South. Agr. Workers. Proc. 49:104. 1952. 4 C82

73111 BRADSHAW, A. D. Populations of Agrostis tenuis resistant to lead and zinc poisoning. Nature [London] 169:1098. June 28,1952. 472 N21

73112 BRAT, L., KENDA, G., and WEBER, F. Rhabdoide fehlen den schliesszellen von Drosera. Protoplasma 40:633-635. Ref. 1951. 442.8 P94

73113 BRESLER, R. Some men farm without ground. (In Afrikaans.) Landbouweekblad 34(1714):20-21, 23. May 21,1952. 24 L232

73114 BUKATSCH, F. Über den einfluss verschiedener mineralischer ernährung auf den blattpigmentgehalt. II. Phyton [Horn] 3:173-186. Ref. Dec.6,1951. 450 P565

73115 CAPITE, L. DE. Action du paraaminophényl-sulfamide et de l'acide paraaminobenzoïque sur le parenchyme vasculaire de topinambour et sur les tissus de crown-gall de scorsonère cultivés in vitro. Acad. des Sci. Compt. Rend. 234:2478-2480. June 16,1952. 505 P21

73116 CARRERAS LEDÓN, A., and ZAYAS CONZALEZ, F. A. Industrialization of photosynthesis through the use of sugar cane. Asoc. de Tec. Azucareros de Cuba. Proc. 24:563-572. Ref. 1950. 65.9 As5

73117 CASIDA, J. E., and ALLEN, T. C. Absorption and translocation of insecticides by plants. Agr. Chem. 7(6):41-43,135,137. June 1952. 381 Ag8

73118 CHADWICK, L. C., MILLER, R. R., and ERSKINE, D. Prevention of undesirable fruit on flowering trees. Plants & Gard. 8:10-13. Spring 1952. 450 P694

73119 CHOLNOKY, B. J. Beobachtungen über die wirkung der kalilauge auf das protoplasma. Protoplasma 41:57-68. Ref. Jan.5,1952. 442.8 P94

73120 CICCARONE, A. Silverleaf of tomato. (In Italian.) Sta. di Patol. Veg. B. 8:193-205. Ref. 1950,pub. 1952. 464.9 R662
English summary.

73121 CLARKE, W. S., JR. The effect of low temperatures at similar dates in different years on the survival of apple bloom. Amer. Met. Soc. B. 33:163-165. Apr.1952. 340.8 Am32

73122 COBB, C., JR. Root development of tomatoes under three levels of soil moisture. (Abs.) Assoc. South. Agr. Workers. Proc. 49:164. 1952. 4 C82

73123 COHEN, M., and YARWOOD, C. E. Temperature response of fungi as a straight line transformation. Plant Physiol. 27:634-638. Ref. July 1952. 450 P692

73124 COLLINS, S. T., and SMITH, F. E. The preparation of the optical isomers of α-(2 : 4-dichlorophenoxy) propionic acid and their growth-regulating activity. J. Sci. Food & Agr. 3:248-249. June 1952. 382 So12

73125 CONDON, M. Z., ANDREWS, F. R., and ALTSCHUL, A. M. The measurement of oxidation-reduction potentials of cottonseed slurries. Plant Physiol. 27: 500-506. Ref. July 1952. 450 P692

73126 CRANE, J. C. Figs and hormones. Plants & Gard. 8:21-25. Spring 1952. 450 P694

73127 DANTAS, J. G. Observations on a disease of cotton plantations, little studied in the State of Sao Paulo (potassium deficiency). (In Portuguese.) Rev. dos Mercados 3(18):21-23. Feb.1952. 286.8 R328

73128 DAVID, R., and GUÉRINDON, A. L'influence de la dessiccation des semences "activées" de pin maritime sur leur germination. Acad. d'Agr. de France. Compt. Rend. 39:278-280. Apr.2/23,1952. 14 P215Bc

73129 DILLEWIJN, C. VAN. Respiration in cane—a neglected subject? Sugar 47(7):45-46. Ref. July 1952. 65.8 F11

73130 DOERELL, E. G. Behandlung der chlorose des weinstockes. Landwirtschaft 11/14:191-192. June/July 1952. 19 L235

73131 DOMMERGUES, P. Action de la colchicine sur l'orge cultivée. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:295-331. Ref. July/Sept.1951. 14 F8499A

73132 DORING, A. Schweizer erfahrungen mit erdeloser pflanzenkultur. Tech. f. Bauern u. Gärt. Ausg. G 4:204-206. May 10,1952. 58.8 T223G

73133 DUGGER, W. M. The permeability of non-stomate leaf epidermis to carbon dioxide. Plant Physiol. 27:489-499. Ref. July 1952. 450 P692

73134 DURAISWAMI, S., and SUBRAMANIAM, M. S. Studies on the mutagenic action of chemical and physical agencies on yeasts. V. Effect of ultraviolet irradiation on a diploid brewery yeast. Indian Acad. Sci. Proc. Sect. B 35:155-166. Ref. Apr.1952. 513 In25B

73135 EASTWOOD, T. The effect of herbicides upon potatoes used for chipping. Potato Chipper 11(12):24,26, 28,30. July 1952. 75.8 P844

73136 EATON, F. M., and ERGLE, D. R. Fiber properties and carbohydrate and nitrogen levels of cotton plants as influenced by moisture supply and fruitfulness. Plant Physiol. 27:541-562. Ref. July 1952. 450 P692

73137 EHEMANN, W. Kann die weisstanne [Abies alba] nicht auch ohne lachniden honigen? Südwestdeut. Imker 4:148-149. May 1952. 424.8 Su25

73138 ELLE, G. O. Some environmental factors affecting the response of sweet corn to 2,4-D. Weeds 1: 141-159. Ref. Jan.1952. 79.8 W41

73139 EMSWELLER, S. L. Hormones in plant breeding; to induce or increase seed formation in lilies, lima beans, and cantaloupes. Plants & Gard. 8:35-39. Spring 1952. 450 P694

73140 EPSTEIN, E., and HAGEN, C. E. A kinetic study of the absorption of alkali cations by barley roots. Plant Physiol. 27:457-474. Ref. July 1952. 450 P692

73141 ERGLE, D. R., and MCILRATH, W. J. Effect of maleic hydrazide on the fruiting of the cotton plant. (Abs.) Assoc. South. Agr. Workers. Proc. 49:148. 1952. 4 C82

73142 ESPOSITO, A. "Root rot" of Sorrento citrus. (In Italian.) Mezzogiorno Agr. 8(19):3-4. May 12/18, 1952. 16 M57

73143 FABIANI, L. Ecologic degeneration of the potato. (In Italian.) Humus 8(3):9-10. Mar.1952. 16 H88

73144 FABRICATORE, J. A. Action of cold on grapevine leaves. (In Italian.) Sta. di Patol. Veg. B. 8:99-105. 1950,pub.1952. 464.9 R662
English summary.

73145 FISCHER, R. Ursachen und bekämpfung der gelblaubigkeit (chlorose). Pflanzenarzt 5(6):2-4. (Concl.) June 1,1952. 464.9 P482

73146 FLEURY, P., DEYSSON, G., and DEYSSON, M. Action comparée des divers inositols et de quelques composés voisins sur la croissance des plantules de Pisum sativum L. Soc. de Chim. Biol. B. 34:388-394. 1952. 383 So1

73147 GALLE, F. C. Growth substances in the field of ornamental horticulture. (Abs.) Assoc. South. Agr. Workers. Proc. 49:176. 1952. 4 C82

73148 GALLUP, A. H., and GUSTAFSON, F. G. Absorption and translocation of radioactive 2,4-dichloro-5-iodo^{131}-phenoxyacetic acid by green plants. Plant Physiol. 27:603-612. July 1952. 450 P692

73149 GARCIA B., C. Efectos del ácido para-clorofenociacético en el cuajamiento de las flores del cacao. Palmira. Estac. Agr. Expt. Notas Agron. 4:58. Jan./Dec. 1951. 102.5 P18N

73150 GARCÍA BAYLLERES, J. L. The influence of radiation on sugar cane. Asoc. de Tec. Azucareros de Cuba Proc. 24:179-183. 1950. 65.9 As5

73151 GIGANTE, R. Anatomical irregularities in peach leaves induced by cold. (In Italian.) Sta. di Patol. Veg. B. 8:107-123. Ref. 1950,pub.1952. 464.9 R662
English summary.

73152 GODSKE, C. L. Local meteorology, micrometeorology and plant meteorology. (In Norwegian.) Frukt og Baer 4:97-100. 1951. 80 F9428

73153 GOIDANICH, G., and CAMICI, L. Researches on the physiology of wound healing; influence of microorganisms on the reparative regenerations. (In Italian.) Sta. di Patol. Veg. B. 8:3-10. 1950,pub.1952. 464.9 R662
English summary.

73154 GOLOMEDOVA, T. I. On reciprocal toxicity to plants of their water extracts. (In Russian.) Agrobiologiia 2:132-134. Mar./Apr.1952. 20 Ag822

73155 GOUGET, C. W. The mechanics of pollination and fertilization. Gleanings Bee Cult. 80:393-395,443. July 1952. 424.8 G47

73156 GRASSO, V. A particular case of damage by sulphur dioxide. (In Italian.) Riv. della Ortoflorofrutticolt. Ital. 36:126-129. May/June 1952. 86 R22
Injury to leaves of ornamental plants.

73157 HADDOX, C. H. The accumulation of α-phenylglycine by mutants of Neurospora crassa stimulated by phenylalanine and tyrosine. Natl. Acad. Sci. Proc. 38: 482-489. Ref. June 15,1952. 500 N21P

73158 HALL, W. C., and LANE, H. C. Compositional and physiological changes associated with the chemical defoliation of cotton. (Abs.) Assoc. South. Agr. Workers. Proc. 49:146-147. 1952. 4 C82

73159 HANSEL, H. Arbeiten aus dem Institut für Pflanzenphysiologie der Landwirtschaftlichen Hochschule in Wageningen (Holland). Bodenkultur 6:102-105. 1952. 19 B635

73160 HECTOR, J. M. The syndicate of plant industries. Citrus Grower 220:1-2. May 31,1952. 80 C495
Plant physiology.

73161 HEROLD, E. Zeugen für honigtau ohne honigläuse. Imkerfreund 7:47-48,53. Feb.1952. 424.8 Im43

73162 HODGKINS, E. J. Effect of different heat treatments upon the viability and vigor of pine pollen. J. Forestry 50:450-452. June 1952. 99.8 F768

73163 HOFLER, K., and HOFLER, L. Osmoseverhalten und nekroseformen von Euglena. Protoplasma 41: 76-102. Ref. Jan.5,1952. 442.8 P94

73164 HÖFLER, K. Plasmolyse mit natriumkarbonat; zur frage des plasmalemmas bei süsswasseralgen und bei gewebszellen von landblütenpflanzen. Protoplasma 40:426-460. Ref. 1951. 442.8 P94

73165 HOLLAENDER, A., BAKER, W. K., and ANDERSON, E. H. Effect of oxygen tension and certain chemicals on the X-ray sensitivity of mutation production and survival. Cold Spring Harbor Symposia Quantit. Biol. 16:315-326. Ref. 1951. 442.9 C672C
Exemplified by Tradescantia and Drosophila.
Includes discussion.

73166 HOPKINS, H. T. Inhibition of growth by benzene hexachloride isomers and protective effect of glucose as measured by cell counting technique. Plant Physiol. 27:526-540. Ref. July 1952. 450 P692

73167 HOWLETT, F. S. Seedless tomatoes. Plants & Gard. 8:18-20. Spring 1952. 450 P694
Effects of growth substances.

73168 HUNTER, J. G., and VERGNANO, O. Nickel toxicity in plants. Ann. Appl. Biol. 39:279-284. Ref. June 1952. 442.8 An72

73169 ILLIES, Z. M. Colchicinversuche an Larix decidua Miller and Picea abies (L.) Karst. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:36-39. Ref. 1952. 99.8 Z36

73170 INAL, S. Beobachtungen und feststellungen zur fruchtreife der valonea - eiche (Quercus aegilops [i.e. macrolepis]) in der Türkei. (In Turkish.) Istanbul. U. Orman Fakul. Dergisi (ser.A)1(2):97-110. 1951. 99.9 Is72
Text also in German.

73171 IREN, S. Magnesium deficiency of cotton in Sakarya Valley. (In Turkish.) Bitki Koruma B. 1:46-48. Jan.1952. 464.8 B54
English summary.

73172 JENSEN, K. A., and others. Chemically induced mutations in Neurospora. Cold Spring Harbor Symposia Quantit. Biol. 16:245-261. Ref. 1951. 442.9 C672C
I. Kirk, G. Kølmark and M. Westergaard, joint authors.
Includes discussion.

73173 JHAVERI, J. D. Effect of media on the indigenous strains of yeast. Bombay, U. J. Sect. A, Phys. Sci. (n.s.)20:101-104. Nov.1951. 513 B633

73174 JOHAM, H. E. Cotton—an accumulator of molybdenum. (Abs.) Assoc. South. Agr. Workers. Proc. 49:145-146. 1952. 4 C82

73175 JOHNSON, C. M., and HOSKINS, W. M. The relation of acids and peroxides in spray oils [herbicides] to the respiration of sprayed bean leaves and the development of injury. Plant Physiol. 27:507-525. Ref. July 1952. 450 P692

73176 JONAS, H. Calcium translocation in calcium starved peas. (Abs.) Assoc. South. Agr. Workers. Proc. 49:146. 1952. 4 C82
Radioactive calcium used as tracer.

73177 JUILLET, A., and TURQUOIS, J. À propos du traitement des tomates par les hormones parthénocarpiques. Phytoma 5(35):6-8. Feb.1952. 464.8 P563

73178 KAL'IANOV, D. G. Causes for the dying off of perennial grasses and legumes in relation to dates of planting them. (In Russian.) Kormovaîa Baza 3(1):32-36. Jan.1952. 60.8 K84

73179 KANNGIESSER, W. Elektronenmikroskopische beobachtungen am saft gesunder tabakpflanzen. Naturwissenschaften 39:68. Feb.1,1952. 474 N213

73180 KENDALL, W. A. The effect of intermittently varied petiole temperature on carbohydrate translocation from bean leaves. Plant Physiol. 27:631-633. July 1952. 450 P692

73181 KESSELRING, W. H., and MCKINNEY, J. Ultraviolet effect on etiolated seedlings. W. Va. Acad. Sci. Proc. 23:52-53. 1951,pub.1952. 500 W52

73182 KESSLER, E. Nitritbildung und atmung bei der nitratreduktion von grünalgen. Z. f. Natforsch. 7b:280-284. May 1952. 474 Z3

73183 KESTER, D. E. Corky growth on Jordanolo kernels under study at U. C. Almond Facts 17(3):6. May/June 1952. 280.28 AL62

73184 KHRISTEVA, L. A. Role of humic acid in plant nutrition and humic fertilizers [humates]. (In Russian.) Pochven. Inst. im. V. V. Dokuchaeva. Trudy 38:108-184. Ref. 1951. 56.9 P44

73185 KIHLMAN, B. A survey of purine derivatives as inducers of chromosome changes. Hereditas 38:115-128. Ref. 1952. 442.8 H42
Experiment with onions.

73186 KROPFITSCH, M. Spaltöffnungszahl und heteroauxin. Protoplasma 40:461-474. Ref. 1951. 442.8 P94

73187 KRÜGERKE. Die blütenbildung und ihre förderung. Obstbauberatungsring. Mittbl. 7(2):1-2. Apr.1, 1952. 85 Ob72
Fruit.

73188 KUGLER, H. Schwebfliegen bestäuben blumen. Orion 7:219-222. Mar.1952. 474 Cr4

73189 KUGLER, I. Keimfähigkeit und abgabe fluoreszierender stoffe bei samen. Naturwissenschaften 39: 213. May 1,1952. 474 N213

73190 LAKON, G., and BULAT, H. Die feststellung der keimfähigkeit der Cucurbitaceen-samen nach dem topographischen tetrazolium-verfahren. Saatgut Wirt. 4:91-93. Apr.1952. 61.8 Sa1

73191 LANZA, F. Contribution to the study of the sorghum.Holcus exiguus Forsk.in irrigated culture; the water requirements of the plant as second summer grass after wheat. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 51,7 p. 1951. 105.4 R66

73192 LAVRIKOVA, S. Methods for increasing the productivity of naked oats. (In Russian.) Selek. i Semen. 19(2):65-68. Feb.1952. 61.9 Se5

73193 LEVAN, A. Chemically induced chromosome reactions in Allium cepa and Vicia faba. Cold Spring Harbor Symposia Quantit. Biol. 16:233-243. Ref. 1951. 442.9 C672C
Includes discussion.

73194 MARTH, P. C., and WESTER, H. V. Longer life for cherry blossoms; how to use hormone sprays to delay petal fall in oriental flowering cherries. Plants & Gard. 8:7-9. Spring 1952. 450 P694

73195 MASCRE, M., and DEYSSON, G. Action mitoclasique de la desméthylcolchicine, comparée à celles du colchicoside et de la colchicine. Acad. des Sci. Compt. Rend. 234:2480-2482. June 16,1952. 505 P21

73196 MASSEY, F. H., JR., THOMPSON, H. C., and SMITH, O. Varietal susceptibility of potatoes to internal black spot. Amer. Potato J. 29:127-135. Ref. June 1952. 75.8 P842

73197 MATTUS, G. E., MOORE, R. C., and HORSFALL, F., JR. The use of 2,4,5-TP and maleic hydrazide 30 on apples in Virginia. (Abs.) Assoc. South. Agr. Workers. Proc. 49:175-176. 1952. 4 C82

73198 METZNER, H. Cytochemische untersuchungen über das vorkommen von nukleinsäuren in chloroplasten. Biol. Zentbl. 71:257-272. Ref. 1952. 442.8 B523

73199 MILLER, H. J. Plant hormone activity of substituted benzoic acids and related compounds. Weeds 1: 185-188. Jan.1952. 79.8 W41

73200 MITRA, K. K. Physiological consequences of polyploidy in yeasts. I. Biochim. et Biophys. Acta 8:615-624. Ref. June 1952. 381 B522

73201 MOORE, E. L., and THOMAS, W. O. The effect of reduced light intensity and para-chlorophenoxy acetic acid on flowering and fruiting of late summer tomatoes. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 111. 1952. 4 C82

73202 MOORE, E. L. The use of growth substances with vegetable crops. (Abs.) Assoc. South. Agr. Workers. Proc. 49:175. 1952. 4 C82

73203 MOTHES, K. Chemische physiologie der pflanzenalkaloide. Angew. Chem. 64:254-258. May 13, 1952. 384 Z33

73204 NAKATA, S. Photoperiodic response of Lespedeza. Plant Physiol. 27:644-647. July 1952. 450 P692

73205 NIKITIN, A. A. Factors influencing the availability of trace elements to crops. (Abs.) Assoc. South. Agr. Workers. Proc. 49:45-46. 1952. 4 C82

73206 NOEL, R. Influence de la température et de la qualité de la lumière sur la rhizogénèse chez les plantules de Impatiens balsamina L. Inst. pour l'Encour. de la Rech. Sci. dans l'Indus. et l'Agr. Compt. Rend. de Rech. 6:112-114. Jan.1952. 330.9 In7C

73207 NOGGLE, G. R. The biochemical effects of plant growth regulators. (Abs.) Assoc. South. Agr. Workers. Proc. 49:173-174. 1952. 4 C82

73208 NOLZ, O. Ernährungskrankheiten an landwirtschaftlichen kulturpflanzen. Landwirtschaft 11/14:184-189. June/July 1952. 19 L235

73209 OVCHINNIKOV, N. N. On the [N. P. Krenke's] theory of the aging and rejuvenating cycle of plants. (In Russian.) Selek. i Semen. 19(2):14-19. Feb.1952. 61.9 Se5

73210 OVERSTREET, R., JACOBSON, L., and HANDLEY, R. The effect of calcium on the absorption of potassium by barley roots. Plant Physiol. 27:583-590. July 1952. 450 P692

73211 PAECH, K., and SIMONIS, W. Übungen zur stoffwechselphysiologie der pflanzen. Pflanzenphysiol. Prakt. 1,252 p. 1952. 463.3 P48

73212 PAIXÃO, J. DA C. Plant hormones and herbicides. (In Portuguese.) Agronomia [Rio de Janeiro] 10:173-178. July/Sept.1951. 9.2 Ag892

73213 PATRICK, W., and STURGIS, M. M. The effects of other basic ions on the absorption of potassium by white clover. (Abs.) Assoc. South. Agr. Workers. Proc. 49:46. 1952. 4 C82

73214 PAULSEN, H. S. A survey of temperature and radiation conditions in the inner districts. (In Norwegian.) Frukt og Baer 4:101-106. 1951. 80 F9428

73215 PAYNE, M. G., FULTS, J. L., and HAY, R. J. The effect of 2,4-D treatment on free amino acids in potato tubers. Amer. Potato J. 29:142-150. Ref. June 1952. 75.8 P842

73216 PETERSEN, E. L. Controlling tobacco sucker growth with maleic hydrazide. Agron. J. 44:332-334. June 1952. 4 Am34P

73217 PIETSCHMANN, E. Mangelkrankheiten. Hannoversche Land- u. Forstwirt. Ztg. 105:473-474. May 10,1952. 18 H194

73218 PIROVANO, A. The electro-genetics and the mutational evolution. (In Italian.) Ricerca Sci. 22:377-392. Mar.1952. 475 R1
English summary.

73219 POHL, R. Das wuchsstoff/hemmstoffproblem der höheren pflanze. Naturwissenschaften 39:1-8. Ref. Jan.1,1952. 474 N213

73220 POMPER, S. Purine-requiring and pyrimidine-requiring mutants of Saccharomyces cerevisiae. J. Bact. 63:707-713. Ref. June 1952. 448.3 J82

73221 PRATT, R., DUFRENOY, J., and SAH, P. P. T. Growth regulating properties of some thiosemicarbazones. Plant Physiol. 27:622-625. July 1952. 450 P692

73222 PROCTOR, R. C. Principles of plant reproduction. Cactus & Succulent J. 24:50-52. Mar./Apr. 1952. 451 C11

73223 PROVASOLI, L., HUTNER, S. H., and PINTNER, I. J. Destruction of chloroplasts by streptomycin. Cold Spring Harbor Symposia Quantit. Biol. 16:113-120. Ref. 1951. 442.9 C672C

73224 PURVIS, E. R. Magnesium deficiency in New Jersey vegetable crops. N. J. State Hort. Soc. Hort. News 33:2540-2541. July 1952. 81 N46

73225 PY, C. Les hormones dans la culture de l'ananas. Fruits 7:215-221. May 1952. 80 F9492

73226 QUASTLER, H., SCHERTIGER, A. M., and STEWART, W. K. Inhibition of plant growth by irradiation. IV. J. Cell. & Compar. Physiol. 39:357-369. June 1952. 444.8 J822

73227 RAWITSCHER, F., and MORELLO, J. Eficacia del método de pesadas rápidas para medir la transpiración de plantas. I. Cien. e Invest. 8:183-185. Apr.1952. 475 C482

73228 RAWNSLEY, E. Sunshine on demand. Home Gard. 19(3):35. Mar.1952. 80 H756
Fluorescent light.

73229 REBSTOCK, T. L., and others. Effect of 2,4-dichlorophenoxyacetic acid on proteolytic activity of red kidney bean plants. Plant Physiol. 27:639-643. Ref. July 1952. 450 P692
C. L. Hamner, C. D. Ball, and H. M. Sell, joint authors.

73230 REHM, S. Male sterile plants by chemical treatment. Nature [London] 170:38-39. July 5,1952. 472 N21

73231 REINERT, J. Über die bedeutung von carotin und riboflavin für die lichtreizaufnahme bei pflanzen. Naturwissenschaften 39:47-48. Ref. Jan.15,1952. 474 N213

73232 REUTHER, W., and SMITH, P. F. Toxic effect of copper on growth of citrus seedlings and its possible relation to acid-soil chlorosis in Florida citrus groves. Citrus Mag. 14(11):25-27. July 1952. 80 C498

73233 RICK, C. M. The grafting relations of wilty dwarf, a new tomato mutant. Amer. Nat. 86:173-184. Ref. May/June 1952. 470 Am36

73234 RODRIGUEZ CABRERA, M. Sunlight and flowering. Asoc. de Tec. Azucareros de Cuba. Proc. 24: 173-178. 1950. 65.9 As5

73235 ROSSLER, P. Schlacken als künstliches bodenmaterial bei der erdelosen pflanzenzucht. Deut. Agrartech. 2:87-88. Mar.1952. 58.8 D482

73236 RYPMA, R. B. Vegetative reproduction in Opuntia leptocaulis P. DC. (tasajillo). Tex. J. Sci. 4:92-94. Mar.30,1952. 470 T31

73237 SALTROE, T. On the possibilities for the regulation of the water supply of plants. (In Norwegian.) Norsk Landbr. 18:239-241. July 4,1952. 11 N8122

73238 SAPANKEVICH, P. V. Peculiarities of Euonymus verrucosus seed germination. (In Russian.) Agrobiologiia 2:67-74. Mar./Apr.1952. 20 Ag822

73239 SAYRE, J. D. Caution. Radioactive materials; corn leaf autographs show where elements accumulate. Ohio Farm & Home Res. [Ohio Sta.] 37:36,44. May/June 1952. 100 Oh38

73240 SCHAAL, K. Kann die weisstanne [Abies alba] nicht auch ohne lachniden honigen? Südwestdeut. Imker 4:114. Apr.1952. 424.8 Su25

73241 SCHARRER, K., and BÜRKE, R. Beeinflussung des carotingehaltes der pflanzen durch mineraldüngung. Naturwissenschaften 39:238-239. May 15,1952. 474 N213

73242 SCHENCK, R. Der mechanismus der photolyse und photosynthese in grünen pflanzen. II. Naturwissenschaften 39:110-111. Mar.1,1952. 474 N213

73243 SCHENCK, R. Der mechanismus des photolyse-photosynthese-systems der grünen pflanzen. Naturwissenschaften 39:89-90. Feb.15,1952. 474 N213
Reply by O. Warburg, p. 185, Apr.15.

73244 SCHMID, W. Zellvermehrung und zellatmung bei hefe. Z. f. Natforsch. 7b:217-219. Apr.1952. 474 Z3

73245 SCHMORL, K. Von der blüte zur getreidefrucht. Wiss. Mullerei, p.65-69. In Müllerei 5(24). June 14,1952. 298.8 M91

73246 SCHNEIDER, F., and HOFFMANN-WALBECK, H. P. Über die plasmolyse in rübenzellen. Zucker-Beihefte 5:70-77. Mar.1952. 65.8 Z84

73247 SCHÖNTAG, A. Der einfluss von mineralstoffen auf die nektarabscheidung durch die pflanze. Naturwissenschaften 39:304-305. July 1,1952. 474 N213

73248 SCHOPMEYER, C. S., and MERGEN, F. Applicability of Poiseuilles law to exudation of oleoresin from wounds on slash pine. (Abs.) Assoc. South. Agr. Workers. Proc. 49:150. 1952. 4 C82

73249 SCHWARTZ, D. The effect of oxygen concentration on X-ray-induced chromosome breakage in maize. Natl. Acad. Sci. Proc. 38:490-494. Ref. June 15,1952. 500 N21P

73250 SCHWARZ, H. Untersuchungen über die technischen eigenschaften des holzes der auf flysch- und kalkboden stockenden esche [Fraxinus] im bereich des Wienerwaldes. Osterr. Vrtljahresschr. f. Forstw. 93:20-30. (Cont.) 1952. 99.8 Oe8

73251 SCHWEMMLE, J. Samenalter und entwicklung. Z. f. Natforsch. 7b:255. Apr.1952. 474 Z3

73252 SERR, E. F. Zinc deficiency increasing. Diamond Walnut News 34(4):12-14. July 1952. 94.68 D34

73253 SHAFFER, V., and TURNER, J. Annual increment tree studies under smog conditions. W. Va. Acad. Sci. Proc. 23:219. 1951,pub.1952. 500 W52

73254 SHEBESKI, L. H., and JENKINS, B. C. The effect of frost in germination and the vitality of seedlings from frosted wheat. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11,p.66-70. Saskatoon,1951. 31.2 Sa72

73255 SHEETS, O. The effect of growing conditions on the nutritive value of green vegetables. Miss. Agr. Expt. Sta. C. 173,11 p. May 1952. 100 M69

73256 SIBILIA, C. Apical phyllonecrosis of grain and spontaneous grasses. (In Italian.) Sta. di Patol. Veg. B. 8:255-260. Ref. 1950,pub.1952. 464.9 R662
English summary.

73257 SIMONIS, W., and GRUBE, K. H. Untersuchungen über den zusammenhang von phosphathaushalt und photosynthese. Z. f. Natforsch. 7b:194-196. Ref. Mar. 1952. 474 Z3

73258 SIRONVAL, C. La méthode de l'utilisation de la forme des feuilles comme mesure de l'avancement du développement chez le fraisier des quatre-saisons. Inst. pour l'Encour. de la Rech. Sci. dans l'Indus. et l'Agr. Compt. Rend. de Rech. 6:120-126. Jan.1952. 330.9 In7C

73259 SLIFKIN, M. K., and BONNER, J. T. The effect of salts and organic solutes on the migration time of the slime mold Dictyostelium discoideum. Biol. B. 102:273-277. June 1952. 442.8 B52

73260 SMITH, C. M. Further notes on Metasequoia glyptostroboides. New Zeal. J. Forestry 6:257-258. 1951. 99.8 C162

73261 SMITH, F. G. The mechanism of the tetrazolium reaction in corn embryos. Plant Physiol. 27:445-456. Ref. July 1952. 450 P692

73262 SNYDER, F. W. Effect of different ionic ratios of nutrients on the growth response of cotton plants—progress report No. 1. (Abs.) Assoc. South. Agr. Workers. Proc. 49:145. 1952. 4 C82

73263 SOLOMON, S. Studies in the physiology of phanerogamic parasitism with special reference to Striga lutea, Lour. and S. densiflora, Benth. on Andropogon sorghum, Hack. I. The osmotic pressure of the host and parasite in relation to the nutrition of the host. Indian Acad. Sci. Proc. Sect. B 35:122-131. Mar.1952. 513 In25B

73264 SPENCER, W. F. Ionic exchange reactions of cobalt and other factors influencing the assimilation of cobalt by ryegrass. Urbana,1952. 3 p. 463.29 Sp3
Abstract of a thesis - University of Illinois.

73265 STADLER, D. R. Chemotropism in Rhizopus nigricans: the staling reaction. J. Cell. & Compar. Physiol. 39:449-474. June 1952. 444.8 J822

73266 STAPEL, C. Lodging in the beet fields. (In Danish.) Dansk Landbr. 71:314-315. July 3,1952. 280.28 V91

73267 STEIN, L. H., ALPER, T., and ANDERSSEN, E. E. The movement of a radio-phosphorus-labelled insecticide in groundnut plants. J. Sci. Food & Agr. 3: 31-37. Jan.1952. 382 So12

73268 STEINMANN, E. An electron microscope study of the lamellar structure of chloroplasts. Expt. Cell Res. 3:367-372. Ref. June 1952. 442.8 Ex7

73269 STEUBING, L. Der tau und seine beeinflussung durch windschutzanlagen. Biol. Zentbl. 71:282-313. Ref. 1952. 442.8 B523
Includes water relations of plants.

73270 STEWART, I., and LEONARD, C. D. Iron chlorosis—its possible causes and control. Citrus Mag. 14(10):22-25. Ref. June 1952. 80 C498

73271 STEWART, W. S., HIELD, H. Z., and BRANNAMAN, B. L. Effects of 2,4-D and related substances on fruit-drop, yield, size, and quality of Valencia oranges. Hilgardia 21:301-329. Ref. Mar.1952. 100 C12H

73272 STEWART, W. S. "Tying" oranges on the tree; the use of chemicals to reduce preharvest drop or orange, lemons, and grapefruit. Plants & Gard. 8:29-31. Spring 1952. 450 P694

73273 STINSON, R. F., ZOERB, R., and HANCHEY, R. H. The effect of light intensity on flower bud initiation and development. Ohio Florists Assoc. B. 271:2-5. Apr.1952. 81 Oh36
Saintpaula.

73274 STRONG, W. F. Let's stop loss from watercore. Ontario Crop Impr. Assoc. Addresses & Proc. 15: 184-185. 1952. 64.9 On83
In turnips.

73275 SUMIKI, Y. Shokubutsu hormon (Plant hormone). Enl. and rev. ed. Tokyo,Kwade Shobo,1951. 545 p. 463.36 Su6

73276 TALBOT, P. H. B. Dispersal of fungus spores by small animals inhabiting wood and bark. Brit. Mycol. Soc. Trans. 35:123-128. Ref. June 1952. 451 B76

73277 TAMMES, P. M. L. On the rate of translocation of bleeding-sap in the fruitstalk of Arenga. Nederland. Akad. van Wetensch. Proc. Ser. C, Biol. & Med. Sci. 55:141-143. Mar./Apr.1952. 442.9 Am8

73278 TAMMES, P. M. L. Translocation of potassium-ferrocyanide through the phloem of Ammophila. Nederland. Akad. van Wetensch. Proc. Ser. C, Biol. & Med. Sci. 55:144-149. Mar./Apr.1952. 442.9 Am8

73279 TELLIEZ, J. L'asphyxie des pêchers dans le Sud-Ouest en 1951. France. Min. de l'Agr. B. Tech. d'Inform. 69:307-315. May 1952. 14 F844B

73280 THOMAS, R. O. Cotton seedlings cotyledons as test material for chemical defoliants. (Abs.) Assoc. South. Agr. Workers. Proc. 49:147. 1952. 4 C82

73281 TOLNER, J. Structure, rooting, and development of crops. (In Dutch.) Nieuwe Veldbode 18:596. May 29,1952. 12 V542N

73282 TOMBESI, L. Ascorbic acid, reduced glutathione, catalase and oxidase variations in plant tissues during the day-time. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 49,20 p. 1951. 105.4 R66
English summary.

73283 TOMBESI, L. Contribution to the study of the water consumption in the grass-plots in relation with the phosphor-nitrogen supply of the soil. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 48,12 p. 1951. 105.4 R66
English summary.

73284 TOMBESI, L., and VENEZIAN, M. E. Oxidase, catalase and carboanidrase activities and reduced/oxidated glutathione in relation to bacterial symbiosis of broad bean. II. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 66,17 p. 1951. 105.4 R66
English summary.

73285 TOMBESI, L. The plant metabolism and the soil water supply. I. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 67,28 p. 1951. 105.4 R66
English summary.

73286 TOMBESI, L., and GIOVANNOZZI, M. Research on the physiology and biochemistry of Nicotiana tabacum var. Virginia Bright. III. (In Italian.) Tabacco 56:53-61. Feb.1952. 69.8 T115

73287 TOMBESI, L., and CERVIGNI, T. Study of the physiology and biochemistry of Nicotiana tabacum var. Virginia Bright. II. (In Italian.) Tabacco 56(630):6-15. Jan.1952. 69.8 T115

73288 TORREY, J. G. Effects of light on elongation and branching in pea roots. Plant Physiol. 27:591-602. Ref. July 1952. 450 P692

73289 TROITSKII, V. M. Carotene content in forage crops. (In Russian.) Kormovaîa Baza 3(1):46-51. Jan. 1952. 60.8 K84
Effect of meteorological conditions chiefly.

73290 TRYON, E. H., and MYERS, C. A. Periodic precipitation affects growth of yellowpoplar [Liriodendron tulipifera] on a West Virginia hillside. Castanea 17:97-102. Ref. June 1952. 450 So82

73291 TURRELL, F. M., and CHERVENAK, M. B. Overdosages harmful to trees; effect of zinc-sulfur spray on the chlorophyll, phaeophytin, and sulfur content of orange leaves. Citrus Leaves 32(7):12-13,18. Ref. July 1952. 80 C492

73292 URL, W. Permeabilitätsverteilung in den zellen des stengels von Taraxacum officinale und anderer krautiger pflanzen. Protoplasma 40:475-501. Ref. 1951. 442.8 P94

73293 URSCHLER, I. Aneurin-gehalt UV-bestrahlter blätter. Phyton [Horn] 3:156-160. Ref. Dec.6,1951. 450 P565

73294 URSCHLER, I. Aneurin-gehalt verletzter kartoffelknollen. Phyton [Horn] 3:189-192. Ref. Dec.6,1951. 450 P565

73295 USAMI, M. Shokubutsu eriri-gaku jisshu (Practice of physiology of plants). Tokyo,Yokendo,1951. 367 p. 463.3 Us1

73296 VAN OVERBEEK, J. Pineapples and hormones. Plants & Gard. 8:32-34. Spring 1952. 450 P694

73297 VOLODIN, A. P. In regard to the nature of bacterial colonies. (In Russian.) Agrobiologiîa 2:138-144. Ref. Mar./Apr.1952. 20 Ag822

73298 WARBURG, O., GELEICK, H., and BRIESE, K. Über die messung der photosynthese in carbonat-bicarbonat-gemischen. Z. f. Natforsch. 7b:141-144. Mar.1952. 474 Z3

73299 WASSCHER, J. Plant culture without soil. (In Dutch.) Huis en Hof 4:13-14. Jan. 1952. 80 H87

73300 WEAVER, R. J., and WINKLER, A. J. Increasing the size of Thompson Seedless grapes by means of 4-chlorophenoxyacetic acid, berry thinning and girdling. Plant Physiol. 27:626-630. July 1952. 450 P692

73301 WESTGATE, P. J. Response of plants to saline soil conditions. (Abs.) Assoc. South. Agr. Workers. Proc. 49:170-171. 1952. 4 C82

73302 WIDDER, F. Grundformen des pflanzlichen phasenwechsels. Phyton [Horn] 3:252-272. Ref. Dec.6, 1951. 450 P565

73303 WIEBE, H. H., and KRAMER, P. J. The intake of radioactive phosphorus by roots. (Abs.) Assoc. South. Agr. Workers. Proc. 49:145. 1952. 4 C82

73304 WIESNER, G. Untersuchungen über vitalfärbung von Allium-zellen mit basischen hellfeldfarbstoffen. Protoplasma 40:405-425. Ref. 1951. 442.8 P94

73305 WINTER, A. G., and SIEVERS, E. Untersuchungen über die beeinflussung der samenkeimung durch kaltwasserextrakte aus der blattstreu verschiedener gramineen. Naturwissenschaften 39:191-192. Apr.15,1952. 474 N213

73306 WINTERS, H. F., and LOUSTALOT, A. J. The effect of light and nitrogen levels on growth and alkaloid content of young plants of Cinchona ledgeriana. Plant Physiol. 27:575-582. July 1952. 450 P692

73307 WOOD, G. M., and SPRAGUE, M. A. Relation of organic food reserves to cold hardiness of Ladino clover. Agron. J. 44:318-325. Ref. June 1952. 4 Am34P

73308 WOOD, J. W., and FONTAINE, T. D. Synthetic plant-growth regulators. III. 2,4-dichlorophenoxyacetic derivatives of amino acids. J. Org. Chem. 17:891-896. Ref. June 1952. 381 J827

73309 WOODS, M. W., SHOWACRE, J. L., and DU BUY, H. G. Reaction of normal and mutant plastids of Nicotiana to neotetrazolium. Wash. Acad. Sci. J. 42:169-170. June 1952. 500 W276J

73310 YAMASHITA, K. Studies on X-ray induced reciprocal translocations in Einkorn wheats. IV. Autotriploids. Jap. J. Genet. 26:69-72. Ref. Aug.1951. 442.9 J27

73311 ZANDER, R. Schmarotzende pflanzen. Leipzig,Geest & Portig,1951. 33 p. (Die Neue Brehm-Bücherei; das Leben der Tiere und Pflanzen in Einzeldarstellungen 33) 463.8 Z1

73312 ZITO, F. Olive pollen. (In Italian.) Gior. di Agr. 62:189. June 22,1952. 16 It1G
Germination research.

BIOCHEMISTRY

73313 APPLEMAN, D. Catalase-chlorophyll relationship in barley seedlings. Plant Physiol. 27:613-621. Ref. July 1952. 450 P692

73314 AXELROD, B., and others. Phosphohexokinase in higher plants. J. Biol. Chem. 197:89-96. Ref. July 1952. 381 J824
P. Saltman, R. S. Bandurski, and R. S. Baker, joint authors.

73315 BAILEY, J. M., and WHELAN, W. J. Action pattern of potato phosphorylase. Biochem. J. 51:xxxiii-xxxiv. July 1952. 382 B52

73316 BAPTIST, N. G. Amino-acids in legumes. Nature [London] 170:76-77. July 12,1952. 472 N21

73317 BELLUE, M. K. Nitrate accumulation in toxic quantity discovered in California weeds. Calif. Dept. Agr. B. 41:103. Apr./June 1952. 2 C12M

73318 COOKE, R. G., DOWD, H., and WEBB, L. J. Naphthoquinones from Diospyros hebecarpa. Nature [London] 169:974. June 7,1952. 472 N21

73319 DENOËL, A. A la recherche des principes actifs des plantes; étude des Strychnos congolais. Nat. Mosana 4:67-76. Oct./Dec.1951. 473 N214

73320 DIEMAIR, W., JANECKE, H., and HEUSSER, D. Untersuchungen über die farbstoffe aus Bixa orellana L. Naturwissenschaften 39:211. May 1,1952. 474 N213

73321 DUQUÉNOIS, P. Activité biologique comparée des feuilles de Digitale pourprée spontanée et de diverses espèces de Digitales cultivées à l'échelle horticole. Ann. Pharm. Franç. 10:177-181. Ref. Mar.1952. 396.8 An7

73322 EARLEY, E. B., CARTER, J. N., and JOHNSON, B. C. Nicotinic acid, thiamine, and carotene content of kernels of medium and high protein corn. Agron. J. 44: 326-328. June 1952. 4 Am34P

73323 FISCHER, R., and WYBIRAL, M. Zur diffusion von saponin aus der pflanzenzelle. Phyton [Horn] 3:232-241. Ref. Dec.6,1951. 450 P565

73324 GOODWIN, T. W., and GRIFFITHS, L. A. Carotene synthesis by some naturally occurring mutants of Phycomyces blakesleeanus and by Phycomyces nitens: inhibition of carotenogenesis by streptomycin. Biochem. J. 51:xxxiii. July 1952. 382 B52

73325 GOODWIN, T. W. The carotenoids of the berries of Lonicera japonica. Biochem. J. 51:458-463. Ref. July 1952. 382 B52

73326 GROB, E. C., SCHOPFER, W. H., and PORETTI, G. G. Nouvelles recherches sur la biosynthèse des caroténoides par Phycomyces blakesleeanus. Internatl. Z. f. Vitaminforsch. 23:484-489. 1952. 389.8 Z33
English summary.

73327 HARDING, A. H. Estimation of protease activity in Euphorbia stem sap and paw-paw leaf sap. Natal. U. Sci. Soc. J. 7:18-23. 1951. 515 N192

73328 HARTEL, O. Färbungsstudien an der pflanzlichen kutikula. Protoplasma 41:1-14. Ref. Jan.5,1952. 442.8 P94

73329 HOLDEN, M. The fractionation and enzymic breakdown of some phosphorus compounds in leaf tissue. Biochem. J. 51:433-442. Ref. July 1952. 382 B52

73330 KIDD, F., and others. Metabolism of sucrose in apples. J. Hort. Sci. 27:179-191. July 1952. 80 J825
C. West, D. G. Griffiths and N. A. Potter, joint authors.

73331 LANDOLT, E. Über welkestoffbildung bei Fusarium culmorum (W. G. Sm.) Sacc. Phytopath. Z. 19: 126-128. Apr.1952. 464.8 P562

73332 LATZKO, E. Einfluss von Cl^- und SO_4^- auf den enzymgehalt einiger kulturpflanzen. Naturwissenschaften 39:65. Feb.1,1952. 474 N213

73333 LOVERN, J. A. Occurrence of plasmalogens in vegetable phosphatides. Nature [London] 169:969. June 7, 1952. 472 N21

73334 LUNDEGÅRDH, H. Properties of the cytochrome system of living wheat roots. Nature [London] 169:1088-1091. Ref. June 28,1952. 472 N21

73335 MACKINNEY, G., and others. Carotenoid production in Phycomyces. Amer. Chem. Soc. J. 74: 3456-3457. July 5,1952. 381 Am33J
T. Nakayama, C. D. Buss, and C. O. Chichester, joint authors.

73336 MEISS, A. N. The formation of asparagine in etiolated seedlings of Lupinus albus L. Conn. (State) Agr. Expt. Sta. B. 553,74 p. Ref. Jan.1952. 100 C76St

73337 PARKER, G. A study of the breakdown of ribonucleic acid in tobacco-leaf extracts. Biochem. J. 51:389-399. Ref. June 1952. 382 B52

73338 RAMAKRISHNAN, C. V., and BANERJEE, B. N. Studies on mold lipase. Comparative study of lipases obtained from molds grown on safflower seed (Carthamus tinctorum). Bombay. U. J. Sect. A, Phys. Sci. (n.s.)20: 111-114. Nov.1951. 513 B633

73339 RAO, P. S., and BERI, R. M. Starch from the tubers of Dioscorea hispida Dennst. Sci. & Cult. 17:482-483. Ref. May 1952. 475 Sci24

73340 REISSIG, J. L. El uso de variantes genéticas de Neurospora como instrumento de investigación bioquímica. Acta Cient. Venezol. 2:223-232. Ref. Nov./Dec. 1951. 475 Ac83

73341 SINGER, S. J., and others. The proteins of green leaves. IV. J. Biol. Chem. 197:233-239. July 1952. 381 J824
L. Eggman, J. M. Campbell, and S. G. Wildman, joint authors.

73342 SOSA-BOURDOUIL, C. Remarques sur la répartition des acides nucléiques à désoxy-pentose dans quelques organes reproducteurs des végétaux. Acad. des Sci. Compt. Rend. 234:2558-2560. June 23,1952. 505 P21

73343 SRINIVASAN, P. R., and VIJAYARAGHAVAN, P. K. Threonine in Bengal gram. Cur. Sci. 21:101-103. Ref. Apr.1952. 475 Sci23

73344 VISWANATHA, T., and RAJAGOPALAN, R. A dilatometric study of the soybean inhibitors. Cur. Sci. 21:104-105. Apr.1952. 475 Sci23

73345 WIDDER, F. Der duft der Clematis vitalba-blüten. Phyton [Horn] 3:298-303. Ref. Dec.6,1951. 450 P565

73346 WOOD, J. G., and SIBLY, P. M. Carbonic anhydrase activity in plants in relation to zinc content. Austral. J. Sci. Res. Ser. B, Biol. Sci. 5:244-255. Ref. May 1952. 442.8 Au72

73347 ZACHARIUS, R. M., THOMPSON, J. F., and STEWARD, F. C. The detection, isolation and identification of (—)-pipecolic acid as a constituent of plants. Amer. Chem. Soc. J. 74:2949. June 5,1952. 381 Am33J

FIELD CROPS

Includes articles on general agronomy and on crop varieties, breeding, cultural practices, and yield.

General

73348 ÅBERG, E. Problems in modern crop rotation: I. (In Swedish.) Kalmar Läns Norra Hushsällsk. Kvrtlskr. 12:1-7. 1952. 11 K12

73349 AGERBERG, L. Growing crops on marshes in northernmost Sweden. (In Swedish.) Växt-Närings-Nytt 8(5):29-32. 1952. 57.8 V47

73350 ALGERIA. INSPECTION GÉNÉRALE DE L'AGRICULTURE. CONSEIL DE L'EXPÉRIMENTATION ET DES RECHERCHES AGRONOMIQUES. Rapport pour 1950-1951. Alger,1951. 212 p. 24 AL38

73351 AMELUNG, J. Increased production of field crops through plant breeding. (In Dutch.) Landbk. Tijdschr. 64:328-330. May 1952. 105.2 Or3

73352 BACHER, I. Experiments with seed mixtures. (In Swedish.) Svensk Jordbrforsk. 1951:53-59. 11 J763

73353 BARTELS. Agrarwissenschaft trat an die stelle der "rezepte." Hannoversche Land- u. Forstwirt. Ztg. 105:529. May 24,1952. 18 H194
Theories of Albrecht Thaer on humus, hay as feed, and rotation of crops.

73354 BLES, J. C., and RONCKEN, H. Landbouwgewassen op het gemengde bedrijf [Field crops in diversified farming]. Haarlem,Kemperman,1951. 162 p. 64 B61

73355 BORDEN, R. J. Getting more information for less money through factorial design in experiments. Hawaii. Planters' Rec. 54:77-80. 1952. 25 H311

73356 BRAWN, R. I. What to grow in 1962. Macdonald Col. J. 12(8):8-10. Apr.1952. 101 M144
Breeding new varieties of field crops.

73357 BRECKON, W. E., and others. Panel discussion; varieties and cropping practices. Ontario Crop. Impr. Assoc. Addresses & Proc. 15:106-115. 1952. 64.9 On83
A. G. O. Whiteside, W. P. Corneil, J. M. Appleton, D. N. Huntley, and J. A. Stewart, joint authors.

73358 CAMERON, D. G. The clover-leyland-wheat rotation. Its value in soil conservation. N. S. Wales. Soil Conserv. Serv. J. 8:28-39. Jan.1952. 56.9 N472

73359 CLEVERINGA, C. J. Crop rotation. I. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:125-131. Apr.1952. 12 N383M

73360 CONCHA C., A. Algunos consejos agricolas. Agrario 18,l.e.17(433):20,22. 1952. 9.3 Ag85
Field crops culture.

73361 HAMY, M. A. Sur une nouvelle méthode d'expérimentation. Acad. d'Agr. de France. Compt. Rend. 39:299-300. Apr.30/May 7,1952. 14 F215Bc
Statistical methods in agronomy.

73362 HEADY, E. O., JENSEN, H., and ANDERSON, M. How to choose the most profitable crop rotation for your farm. Iowa. State Col. Agr. Ext. Iowa Farm Sci. 6: 191-195. June 1952. 275.28 Io94

73363 HESTER, J. B. Crop rotation for today's agriculture. N. J. State Hort. Soc. Hort. News 33:2522-2523,2525. May 1952. 81 N46

73364 IMPERIAL CHEMICAL INDUSTRIES. JEALOTT'S HILL RESEARCH STATION. Guide to field experiments, 1952. Bracknell,1952. 56 p. 103 Im7G

73365 JUSCAFRESA, B. Cómo seleccionar y escoger las semillas. Ceres [Valladolid] 17(191):23-24. May 1, 1952. 15 C33

73366 KIENITZ, POLSTER, H., and THARANDT, T. Verminderung der keimdauer hartschaliger samen durch beizen mit kaliumpermanganat. Deut. Landwirt. 3:249-250. May 1952. 18 D4822

73367 KIRSTE. Der augenblickliche stand der früchte. Hannoversche Land- u. Forstwirt. Ztg. 105:595-596. June 14,1952. 18 H194
Field crop culture.

73368 MCWILLIAMS, R. C. What I want from the agronomist. Ext. Serv. Rev. 23:79. May 1952. 1 Ex892Ex

73369 MANITOBA AGRONOMISTS. Annual conference, December 18, 19, and 20, 1951. n.p.,1951. 52 p. 64.9 Ag8

73370 NATIONAL INSTITUTE OF AGRICULTURAL BOTANY. Guide to varieties of field and vegetable crops under trial, observation and propagation, 1952. Cambridge,1952. 68 p. 103 N21G

73371 NATIONAL INSTITUTE OF AGRICULTURAL BOTANY. Seventh report of the Seed Production Committee. Cambridge,1951. 29 p. 61.9 N21R

73372 NIJDAM, R. E., SCHEIJGROND, W., and KORTEWEG, G. A. Standards for judging varieties in agriculture. (In Dutch.) Zaadbelangen 6:111-113. (Cont.) May 31,1952. 61.8 Z1

73373 ONTARIO CROP IMPROVEMENT ASSOCIATION. Addresses and proceedings, annual convention, 15, 1952. n.p.,1952. 208 p. 64.9 On83

73374 PIEPER, H. Das saatgut; ein handbuch für landwirte, landwirtschaftliche berater, organisationen und behörden, saatguthändler und landwirtschaftliche genossenschaften. Ed. 2. Berlin,Parey,1952. 275 p. 61 P59

73375 REIS, E. Accelerating germination by moistening seeds before sowing. (In Hebrew.) Hassadeh 32: 224. Feb.1952. 26 H27

73376 SCHRODER, and JAHNKE. Die bedeutung der sortenprüfungsfelder für die praxis. Praxis u. Forsch. 4:77-78. June 20,1952. 18 P89
Germany.

73377 SHUH, J. E. Seed development in the Maritimes. Ontario Crop Impr. Assoc. Addresses & Proc. 15: 96-98. 1952. 64.9 On83

73378 STEVENSON, T. M. Seed production of new improved varieties. Ontario Crop Impr. Assoc. Addresses & Proc. 15:99-106. 1952. 64.9 On83

73379 TRENTIN, A. Activities and research in progress at the "Nazzareno Stampelli" Institute of Agricultural Technique. (In Italian.) Agr. Vicentina 83(11):4. June 1,1952. 16 Ag8257
Research in field crops.

73380 VENEKAMP, J. T. N., HAMMING, G., and VERVELDE, G. J. A 4^3 factorial design with confounding in 8 x 8 quasi-latin squares. Landbk. Tijdschr. 64:325-327. May 1952. 105.2 Or3

73381 VICTORIA. DEPT. OF AGRICULTURE. STATE RESEARCH FARM, WERRIBEE. Guide book 1951. Melbourne,1951. 73 p. 109 W49

73382 WESSEL, F. W. Versuche auf den versuchsgütern der Landwirtschaftskammer. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:986-987. June 26,1952. 18 L2346
Field crops.

73383 WILK, E. A new system of rotation adopted for poor lands in Great Britain. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(53):5-6. June 25,1952. 281.8 Ag3

73384 WINKLER, H. Plant culture on marshlands in Götaland. (In Swedish.) Växt-Närings-Nytt 8(5):13-25. 1952. 57.8 V47

Cereals

73385 ALVAREZ PEÑA, M. La clasificación varietal de las cebadas cultivadas. Spain. Cons. Super. de Invest. Cient. Estac. Expt. de Aula Dei. An. 2:234-249. 1952. 506 Sp132
English summary.

73386 AMERICAN SEED TRADE ASSOCIATION. HYBRID CORN INDUSTRY-RESEARCH CONFERENCE. Proceedings, 6, 1951. Chicago,1951. 100 p. 59.9 Am32

73387 ANDERSON, R. Corn field of the future? Farm J. 76(8):30-31. Aug.1952. 6 F2212

73388 AUFHAMMER, G. Entartung in der getreidezüchtung? Müllerei 5:374-375. June 14,1952. 298.8 M91
Germany.

73389 BECKER, W. R. Why corn production in the Netherlands? (In Dutch.) Landbode 3(22):12. May 29, 1952. 12 L234

73390 BERNHARD, R. Caractères des lodicules d'avoine; leur utilisation dans la détermination des variétés. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:355-366. July/Sept. 1951. 14 F8499A

73391 BLETON, C. Quelques observations sur la culture du mais hybride au Maroc. Chambre d'Agr. de Casablanca. B. 23(250):3-5,7. Feb.1952. 24 C26

73392 BOYD, D. A. The effect of seed-rate on yield of cereals. Empire J. Expt. Agr. 20:115-122. Ref. Apr. 1952. 10 Em7

73393 BRETT, C. C. The relative popularity of cereal varieties. Natl. Inst. Agr. Bot. J. 6:55-66. 1951. 103 N21J

73394 BUIANOV, I. A. Growing high yields of seeds of winter crops [rye and wheat] on an occupied fallow. (In Russian.) Selek. i Semen. 19(2):53-56. Feb.1952. 61.9 Se5

73395 CALABRESI, G. A. Production of pure seed. (In Italian.) Riso 1(3):7-8. Apr.1952. 59.8 R49

73396 CANADA. DEPT. OF TRADE AND COMMERCE. BOARD OF GRAIN COMMISSIONERS. GRAIN RESEARCH LABORATORY. Twenty-third annual report, 1949. Ottawa,1950. 99 p. 59.9 C161R

73397 CAROLIS, V. DE. Local selection of wheat. (In Italian.) Gior. di Agr. 62:183. June 15,1952. 16 It1G
Italy.

73398 CEILLIER, J. L. Cinquante ans d'expériences sur les blés aux fermes expérimentales d'Avrillé. Ecole Supér. d'Agr. et de Viticult. B. Mens. 30:91-111. Ref. Feb.1952. 275.9 An4

73399 CHASE, S. S. The monoploid method of developing inbred lines. Amer. Seed Trade Assoc. Hybrid Corn Indus.-Res. Conf. Proc. 6:29-32. 1951. 59.9 Am32

73400 CHATTERJEE, B. N. Teosinte [Euchlaena mexicana]. Allahabad Farmer 26:49-51. Mar.1952. 22 AL5

73401 CLAVL, P. La culture du riz en France. Indus. Agr. et Aliment. 68:265-270. May/June 1951. 383 As7
English summary.

73402 COSTA-RODRIGUES, L. Comparative studies of commercial and open-pedigree maize hybrids for maturity and yield. Agron. Lusitana [Lisbon] 13:253-257. 1951. 105.7 Ag8

73403 CRESCINI, F. Plant the strains of rice adapted to intensive culture. (In Italian.) Riso 1(1):8-9. Feb. 1952. 59.8 R49

73404 CROUZIER, J. P. Observations relatives à la première campagne de maïs hybrides en Anjou. Ecole Supér. d'Agr. et de Viticult. B. Mens. 30:133-135. (Cont.) Apr.1952. 275.9 An4

73405 CROUZIER, J. P. Récolte et conservation du maïs en Anjou. Ecole Supér. d'Agr. et de Viticult. B. Mens. 30:168-171. June 1952. 275.9 An4

73406 FELIX, L. C. Mejoramiento del maíz en Nuevo León. Agronomia [Monterrey] 22:5,7. May/June 1952. 8 Ag828

73407 FLEMING, A. A. Field plot technique with hybrid corn under Alabama conditions. (Abs.) Assoc. South. Agr. Workers. Proc. 49:53. 1952. 4 C82

73408 FORNI, V. Aspects of rice culture. (In Italian.) Riso 1(3):2-3. Apr.1952. 59.8 R49

73409 GADEA, M. Los hibridos de maiz americanos. Agricultura [Madrid] 21:247-252. May 1952. 15 Ag84

73410 GALANG, F. G., and PANGANIBAN, F. C. Rice production in the Philippines. Agr. & Indus. Life 14(5):18,43. (Concl.) May 1952. 25 Ag8

73411 GESSAT, R. Le maïs dans le Centre-Ouest. Blois,1951. 21 p. 59.22 G33

73412 GRANSTAFF, E. L. Commercially important wheat varieties grown in the hard red winter wheat area. Co-op Grain Q. 10(2):16-30. Summer 1952. 280.28 C7898

73413 GRILLOT, G. La conférence internationale du maïs hybride de Zürich et ses enseignements pour le Maroc (février 1952). Terre Marocaine 26:203-220. June 1952. 24 T44

73414 HARGREAVES, J. Wheat at 1,000 ft. in the Pennines. Farmers Wk. [London] 37:77. July 4,1952. 10 F2226

73415 HORE, H. L., and SIMS, H. J. Recommended cereal varieties. Victoria. Dept. Agr. J. 50:105-111. Mar.1952. 23 V66J

73416 HORE, H. L., and others. Wheat crop championships, 1951, Wimmera, Malle and Northern Districts. Victoria. Dept. Agr. J. 50:193-202,229-231. May 1952. 23 V66J
H. J. Sims, J. M. McCann, and H. C. H. Watson, jcint authors.

73417 HORNE, F. R. Development of new varieties of malting barley. Inst. Brewing. J. (n.s.)49:185-188. May/June 1952. 390.9 In7

73418 HUME, A. N. Mature or soft corn—you can grow either. S. Dak. Farm & Home Res. [S. Dak. Sta.] 3:62-67. Spring 1952. 100 So82S

73419 INGERSOLL, F. S. Commercial application of cytoplasmic male sterility. Amer. Seed Trade Assoc. Hybrid Corn Indus.-Res. Conf. Proc. 6:19-24. 1951. 59.9 Am32

73420 JENKINS, M. T. Corn breeding research, whither bound. Amer. Seed Trade Assoc. Hybrid Corn Indus.-Res. Conf. Proc. 6:42-51. 1951. 59.9 Am32

73421 JOHNSON, V., and ROBINSON, R. G. Drill spacings—6- vs. 7-inch—compared. Minn. Farm & Home Sci. [Minn. Sta.] 9(3):14. May 1952. 100 M668
Differences in grain yields.

73422 JONARD, P., and KOLLER, J. Les facteurs de la productivité chez le blé; résultats obtenus en 1948 et 1949. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:256-276. Ref. Apr./June 1951. 14 F8499A
English summary.

73423 JUGENHEIMER, R. W. Evaluation of genetic male sterility in the hybrid corn program. Amer. Seed Trade Assoc. Hybrid Corn Indus.-Res. Conf. Proc. 6: 25-28. 1951. 59.9 Am32

73424 KELLY, A. F. A description of the recommended varieties of oats. Natl. Inst. Agr. Bot. J. 6:5-19. 1951. 103 N21J

73425 KOLK, H., and NILSSON, B. Some experiments on mechanical computation of oat and rye kernels. (In Swedish.) Sweden. Stat. Cent. Frökontanst. Meddel. 27: 29-32. 1952. 61.9 Sw3

73426 KONDO, T. Mugisaku zoshu gijitsu no jissai (Practical technique for the increase of wheat crops). Osaka,Fuminsha,1952. 291 p. 59.26 K833

73427 KORNILOV, A. A. Early-ripening oats, Dolinskii GK-16. (In Russian.) Selek. i Semen. 19(2):31-34. Feb.1952. 61.9 Se5

73428 KOROLEVA, N. IU. On hybridization of buckwheat. (In Russian.) Selek. i Semen. 19(2):38-42. Feb. 1952. 61.9 Se5

73429 KOZELNICKY, G. M. The performance of corn inbreds per se in comparison with their performance in test-cross combination. (Abs.) Assoc. South. Agr. Workers. Proc. 49:53-54. 1952. 4 C82

73430 LAKON, G. Die feststellung der keimfähigkeit der früchte von Sorghum vulgare nach dem topographischen tetrazolium-verfahren. Saatgut-Wirt. 4:62-63. Mar.1952. 61.8 Sa1

73431 LANZA, F. Orientation tests with American hybrid corn and Italian varieties. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 54,10 p. 1951. 105.4 R66

73432 MALIANI, C. Origin and development of seed grain production. (In Italian.) Agr. Vicentina 83(11):2. June 1,1952. 16 Ag8257

73433 MARBACH, W. Zur spät-pflege beim winterweizen. Grüne 80:663-664. June 13,1952. 17 Sch9

73434 MARUSHEV, A. I. Varieties of soft spring wheats for macaroni and groat production. (In Russian.) Selek. i Semen. 19(2):3-7. Feb.1952. 61.9 Se5

73435 MIAGKOV, N. V. Methods for increasing the yields of millet. (In Russian.) Selek. i Semen. 19(2):25-31. Feb.1952. 61.9 Se5

73436 MICCIARELLI, G. Half century of grain culture in Lonigo. (In Italian.) Agr. Vicentina 83(11):3. June 1,1952. 16 Ag8257

73437 MILES, S. R. Rate and pattern of planting corn. Amer. Seed Trade Assoc. Hybrid Corn Indus.-Res. Conf. Proc. 6:68-79. 1951. 59.9 Am32

73438 MORRIS, G. P. Descriptions and diagrams of wheat and barley varieties. Natl. Inst. Agr. Bot. J. 6:20-28. 1951. 103 N21J

73439 NELSON, C. E. Effects of spacing and nitrogen applications on yield of grain sorghums under irrigation. Agron. J. 44:303-305. June 1952. 4 Am34P

73440 NETHERLANDS. RIJKSINSTITUUT VOOR RASSENONDERZOEK VAN LANDBOUWGEWASSEN. Mais [Corn], 1952. Netherlands. Rinst. v. Rassenonderz. van Landbgewassen. Ber. over Rassenkeuze 119,6 p. Mar.1952. 64.9 W12

73441 NEZHINTSEV, I. P. Conference on seed production of interlineal corn hybrids. (In Russian.) Selek. i Semen. 19(2):72-73. Feb.1952. 61.9 Se5

73442 NOVELLI, N. Intensifying production. (In Italian.) Riso 1(2):2. Mar.1952. 59.8 R49

73443 OBERDORF, and DAHNKE. Wintergerstenanbau. Mitschurin-Feld 3:172-185. 1951. 18 M694
Russian Zone of Germany.

73444 PFEIFFER, R. Ergebnisse der Admonter getreide- u. silomaissortenversuche 1950/51. Bundesanst. f. Alpine Landwirt. Versergeb. 14,58 p. 1951. 19 Ad6V

73445 PIACCO, R. Cur rice culture from the geographic, climatic and ecological point of view. (In Italian.) Riso 1(2):6-8. Mar.1952. 59.8 R49

73446 PISAREV, V. E., and VINOGRADOVA, N. M. On new methods of buckwheat selection. (In Russian.) Selek. i Semen. 19(2):35-38. Feb.1952. 61.9 Se5

73447 POEHLMAN, J. M. B-400, a new, early variety of winter barley for Missouri. Mo. Agr. Expt. Sta. B. 569,12 p. Feb.1952. 100 M693

73448 POWELL, T. 5 steps to 100 bushel corn. Org. Farmer 3(12):17,51-52. July 1952. 57.8 Or3

73449 REITZ, L. P. New developments broaden horizons in wheat breeding. Nowest. Miller (Milling Prod. Sect.) 248(2):18a-21a. July 8,1952. 298.8 N81

73450 RHOADES, M. M. Origin of cytoplasmic male sterility in corn. Amer. Seed Trade Assoc. Hybrid Corn Indus.-Res. Conf. Proc. 6:7-11. Ref. 1951. 59.9 Am32

73451 ROBERTSON, T. C. Famous maize breeder [H. Bennink] leaves us a message. Veldtrust 13(4):6-7, 26-29. Apr.1952. 56.8 V54

73452 ROBINSON, J. L., and HUTCHCROFT, C. D. Iowa corn yield test, 1951. Iowa. Agr. Expt. Sta. B. P112:757-812. Feb.1952. 100 Io9

73453 ROGERS, J. S., and COLLIER, J. W. Corn production in Texas. Tex. Agr. Expt. Sta. B. 746,74 p. Feb.1952. 100 T31S

73454 ROHDE, W. Der körnermais. Deut. Kleintier-Züchter. Ausg. Kaninchen 7(10):7. May 20,1952. 40.28 D48

73455 SANCHEZ-MONGE, E., and VILLENA, L. M. La clasificación varietal de "Triticum aestivum" L. Spain. Cons. Super. de Invest. Cient. Estac. Expt. de Aula Dei. An. 2:250-269. 1952. 506 Sp132

73456 SAWAMURA, T. Zakkoku-hen (Cereals). Tokyo,Yokendo,1951. 205 p. 59 Sa92

73457 SCHIEMANN, E., and NÜRNBERG-KRÜGER, U. Neue untersuchungen an Secale africanum Stapf. Naturwissenschaften 39:136-137. Mar.15,1952. 474 N213

73458 SERPIERI, A. Aspects of rice culture. (In Italian.) Riso 1(1):3. Feb.1952. 59.8 R49
Italy.

73459 SPRAGUE, G. F., MILLER, P. A., and BRIMHALL, B. Additional studies of the relative effectiveness of two systems of selection for oil content of the corn kernel. Agron. J. 44:329-331. June 1952. 4 Am34P

73460 STRINGFIELD, G. H. Improving inbred lines by backcrossing. Amer. Seed Trade Assoc. Hybrid Corn Indus.-Res. Conf. Proc. 6:35-40. 1951. 59.9 Am32

73461 THOMAS, I., and REEVES, J. Cereal variety trials; results of 1951 trials at research stations. West. Austral. Dept. Agr. J. (ser.3)1:231-238. Mar./Apr.1952. 23 W52J

73462 THOMAS, I., and CARISS, H. G. Drill spacing and rate of seeding—results of research station experiments. West. Austral. Dept. Agr. J. (ser.3)1:239-241. Mar./Apr.1952. 23 W52J
Wheat.

73463 TINDALL, C. Missouri can grow 50-bushel wheat! Mo. Rur. 93(13):6-7. July 12,1952. 6 R8891

73464 TRASK, H. W. Analysis measures seed oats quality. M. P. G. News 6(10):3,5. May 1952. 75.8 M11

73465 VIANNA E SILVA, M. A new cultivated form of rice. (In Portuguese.) Agron. Lusitana [Lisbon]13: 171-183. 1951. 105.7 Ag8

73466 WALDEN, H. T., II. The magic grain. Breeder's Gaz. 117(7):6,17. July 1952. 49 B74
Corn and corn products.

73467 WELLS, D. G. Test of 14 wheat varieties reveals high yielding ability and disease resistance. Miss. Farm Res. [Miss. Sta.] 15(5):1,5. May 1952. 100 M69Mi

73468 ZUBER, M. S. 1951 yield trials with corn hybrids in Missouri. Mo. Agr. Expt. Sta. B. 570,23 p. Mar.1952. 100 M693

Fiber Crops

73469 BROWN, C. H. A cotton breeder's musings. Empire Cotton Growing Rev. 29:199-201. July 1952. 72.8 Em7

73470 BROWN, C. H. The Egyptian cotton industry. II. World Crops 4:244-246. July 1952. 281.8 W892

73471 CHANDNANI, J. J. Some practical hints to farmers to increase production of cotton. Indian Farming (n.s.)2(3):8-9,31-32. May 1952. 22 In283

73472 CRUZ, E. E. Growing kenaf for fiber and seeds. Philippine Agr. Engin. J. 3:17-18. First Q.1952. 58.8 Ag88

73473 CUANY, R. L. Impressions of American cotton research. Empire Cotton Growing Rev. 29:171-181. July 1952. 72.8 Em7

73474 DIEHL, R., and DU CREHU, G. Le lin dans la région de l'Ouest. France. Min. de l'Agr. B. Tech. d'Inform. 69:279-285. May 1952. 14 F844B
Varieties, yields, and characteristics.

73475 EMPIRE COTTON GROWING CORPORATION. Progress reports from Experiment Stations, season 1950-1951. London,1952. 159 p. 72.9 G79 Rs

73476 GANGSTAD, E. O., JOYNER, J. F., and SEALE, C. C. Agronomic characteristics of Sansevieria species. Trop. Agr. [St. Augustine] 28:204-214. Ref. July/Dec.1951. 26 T754

73477 HARLAND, S. C. The evolutionary history of cotton. Manchester Lit. & Philis. Soc. Mem. & Proc. 92: 69-76. 1951. 501 M31M

73478 HAWKINS, B. S. Seed treatment, seed quality, and rate of seeding of cotton. Ga. Agr. Expt. Sta. Press B. 637,2 p. Mar.31,1952. 100 G29P

73479 HOFFMANN, W. Die vererbung der geschlechtsformen des hanfes (Cannabis sativa L.). II. Züchter 22:147-158. 1952. 442.8 Z8

73480 LEVKOVSKY, N. Agave-growing in Israel. (In Hebrew.) Hassadeh 32:260-261. Feb.1952. 26 H27

73481 MCGREGOR, C. J. Hibiscus fibre production in South Africa. Jute B. 15:33-40. (Cont.) Apr.1952. 73.38 In2

73482 MARSH, P. B. The problem of weathering of cotton in the field prior to harvest. (Abs.) Assoc. South. Agr. Workers. Proc. 49:179-180. 1952. 4 C82
Effects of microorganisms on fiber.

73483 NATIONAL COTTON COUNCIL OF AMERICA. The story of cotton. Memphis,1952? 24 p. 72 N217S

73484 NEUER, H. Beachtenswert für den hanfanbau. Hannoversche Land- u. Forstwirt. Ztg. 105:81. Jan.26, 1952. 18 H194

73485 NETHERLANDS. RIJKSINSTITUUT VOOR RASSENONDERZOEK VAN LANDBOUWGEWASSEN. NEDERLANDS VLASINSTITUUT. Vezelvlas [Fiber flax], 1952. Netherlands. Rinst. v. Rassenonderz. van Landbgewassen. Ber. over Rassenkeuze 125,4 p. Mar.1952. 64.9 W12

73486 PLONKA, F. Comportement génétique de quelques caractères de la fleur et des graines chez le lin. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:155-178. Apr./June 1951. 14 F8499A
English summary.

73487 POOLE, A. L. Phormium tenax, New Zealand hemp. Brit. Agr. B. 5:88-93. July 1952. 10 B776

73488 ROBINSON, B. B. Hemp. U. S. D. A. Farmers' B. 1935,slightly rev.,16 p. Apr.1952. 1 Ag84F

73489 SANYAL, A. T. Possibilities of growing jute as line crop and development of a suitable jute seed drill. Jute B. 15:1-8. Apr.1952. 73.38 In2

73490 SIMPSON, D. M., and DUNCAN, E. N. Selecting for single properties. (Abs.) Assoc. South. Agr. Workers. Proc. 49:179. 1952. 4 C82
Cotton.

73491 WALKER,J. E., and WARNER, I. Kenaf. Asoc. de Tec. Azucareros de Cuba. Proc. 24:219-222. 1950. 65.9 As5

73492 ZIENKIEWICZ, H. Report on flax studies in Holland, Belgium and north France as well as hemp studies in France and Italy. (In Swedish.) (Sum.) Lin 6:55-63. (Cont.) June 1952. 73.18 L63
English summary.
Culture and processing.

Forage Crops and Grasses

73493 ABERG, E. Silage plants—new kinds and future problems. (In Swedish.) Svensk Jordbrforsk. 1951:42-52. 11 J763

73494 AHLGREN, H. L., and GRABER, L. F. Safeguarding new seedings. Wis. Agr. Col. Ext. C. 300,rev., 8 p. Jan.1952. 275.29 W75C
Grasses and legumes.

73495 AHRER, K. Wechselwiese oder dauerwiese. Bauer 5(5):3-4. Feb.2,1952. 19 B32
Austria.

73496 ALEXANDER, E. D. A study of crops for grazing systems. (Abs.) Assoc. South. Agr. Workers. Proc. 49:44. 1952. 4 C82
Georgia.

73497 ALLO, A. V. The effect of break feeding of pastures. New Zeal. Grassland Assoc. Proc. 13:77-85. 1951. 60.19 N48
Includes discussion.

73498 BALASHOV, I. S., and TUMAIKIN, N. S. To extend the plantings of regneria [Agropyron raegneriil]. (In Russian.) Kormovaîa Baza 3(3):56. Mar.1952. 60.8 K84

73499 BARNES, O. K., LANG, R. L., and BEETLE, A. A. Grass establishment on Wyoming dryland. Wyo. Agr. Expt. Sta. B. 314,24 p. Ref. May 1952. 100 W99

73500 BEARD, D. F. Grasslands. (Abs.) Assoc. South. Agr. Workers. Proc. 49:180-181. 1952. 4 C82
Management.

73501 BEETLE, A. A. Wheatgrasses [Agropyron] of Wyoming. Wyo. Agr. Expt. Sta. B. 312,27 p. Ref. Apr.1952. 100 W99

73502 BELOZERTSEV, A. G. Feed production brigade of Kaganovich Collective Farm [in Stalingrad Region]. (In Russian.) Kormovaia Baza 2(12):7-11. Dec. 1951. 60.8 K84
Chiefly on growing forage crops.

73503 BEVIN, R. H. Forage crops: their place in grassland farming. New Zeal. Grassland Assoc. Proc. 13:133-138. 1951. 60.19 N48

73504 BLASER, R. E., and WOODHOUSE, W. W., JR. What pasture plants pay best in Virginia and North Carolina? Prog. Farmer, Carolinas-Va. Ed. 67(7):16,85. July 1952. 6 P945

73505 BOKUT', V. F. Feed supply base of Imeni 10-letiia BSSR, State Farm. (In Russian.) Sotsialist. Zhivotnovod. 13(12):51-56. Dec.1951. 49 So71
Chiefly on meadow and pasture culture.

73506 BOLOTOV, K. D. Sowing annual ryegrass during the utilization of virgin soil. (In Russian.) Kormovaia Baza 3(3):57. Mar.1952. 60.8 K84

73507 BRANSTEAD, R. B. Cascade lotus, promising new legume. Soil Conserv. 17:280-281,285. July 1952. 1.6 So3S
A strain of birdsfoot trefoil.

73508 BRITISH SOCIETY FOR RESEARCH IN AGRICULTURAL ENGINEERING. An investigation into the change of volume of various crop materials by chopping them, by A. H. Scrimshaw. Natl. Inst. Agr. Engin. Tech. Memo. 60,6 p. Feb.18,1952. 58.9 N214T
For silage.

73509 BRONZOVA, G. IA. Perennial grasses and legumes for meadow culture on the eroded slopes in the area of the dry steppe. (In Russian.) Kormovaia Baza 3(1):24-28. Jan.1952. 60.8 K84

73510 BUECHELE, W. Harvesting grass and legume seed. Forage Notes 7:26. Apr.1952. 60.8 F74

73511 BURDICK, A. B., and STALLCUP, O. T. Performance of Tift Sudan grass. Ark. Farm Res. 1:7. Spring 1952. 100 Ar42F

73512 BUTSEROGA, M. M. On conditions for growing leguminous plants in the river valley of the Dnieper. (In Russian.) Agrobiologiia 2:124-128. Ref. Mar./Apr. 1952. 20 Ag822

73513 BUTYRINA, P. F., and GOLIARKIN, F. E. Wild-growing forage plants of Sakhalin. (In Russian.) Kormovaia Baza 2(12):19-24. Dec.1951. 60.8 K84

73514 CIDRAES, A. G. O problema forraginoso da Madeira [The forage problem of Madeira]. Lisboa,1951. 28 p. 60 G58P

73515 CLAPP, A. L. Cooperative sorghum variety tests, 1951. Kans. Agr. Expt. Sta. Agron. Dept. Rpt. Prog. Ser. C. E. 28,4 p. 1951? 100 K13Rs

73516 CLEAL, H. L. Going to grass. Natl. Live Stock Prod. 30(9):6,15. July 1952. 280.38 N21
Grassland farming.

73517 COGAN, C., and BRYAN, R. Beet growing and stock feeding. Beet Grower 6:24-27. Apr.1952. 66.8 B392
Includes discussion.

73518 CRIDER, F. J. Natob, a new bush lespedeza for soil conservation. U. S. D. A. C. 900,10 p. Ref. Mar. 1952. 1 Ag84C

73519 CURASSON, M. G. Les Chénopodiacées fourragères. Rev. d'Elevage et de Méd. Vét. des Pays Trop. 5: 20-25. Jan./Mar.1951/1952. 41.8 R3262

73520 DECKER, P., WALLACE, A. T., and WEBB, T. E. Recent studies on lupines in Florida. (Abs.) Assoc. South. Agr. Workers. Proc. 49:136. 1952. 4 C82
Breeding.

73521 DELONG, A. Heuernte—kein problem mehr. Hannoversche Land- u. Forstwirt. Ztg. 105:593-595. June 14,1952. 18 H194

73522 DORAN, C. W. Adaptability of plants for reseeding high mountain parks in western Colorado. U. S. Forest Serv. Rocky Mountain Forest & Range Expt. Sta. Res. Notes 10,2 p. Apr.1952. 1.9622 R2R313
Grasses.

73523 DOUGNAC, J. Kochia indica et Amaranthus edulis. Elevage et Cult. 4(40):7-8. Apr.1952. 24 EL2

73524 EICKEL, H. Hühnermude weiden. Deut. Wirtgeflügelzucht. 4:440. June 14,1952. 47.8 D483

73525 ELENEVSKAIA, E. V. Practices of the Buryat-Mongolian meadow workers. (In Russian.) Kormovaia Baza 3(3):25-27. Mar.1952. 60.8 K84

73526 ELLIOTT, H. G., and SNOOK, L. C. Elephant grass (Pennisetum purpureum-Schum). West. Austral. Dept. Agr. J. (ser.3)1:163-165,167-169. Mar./Apr.1952. 23 W52J

73527 ELLIOTT, I. L. Some aspects of pasture establishment on Waikato peats. New Zeal. Grassland Assoc. Proc. 13:149-157. 1951. 60.19 N48
Includes discussion.

73528 ELSUKOV, M. P., ed. Referativno-bibliograficheskii spravochnik rabot po kormoproizvodstvy 1949 [A reference-bibliographical handbook for 1949 works on feed production]. Moskva,Gos. Izd-vo Selkhoz Lit-ry, 1951. 213 p. 60.9 EL7
Grasses and legumes.

73529 FAULDER, J. H. Management of grassland. (Sum.) Manx J. Agr. (n.s.)6(4):21,23,25,28. Apr.1952. 10 M312

73530 FELDMAN, S. A study of alfalfa seed production in east-central Illinois. Urbana,1952. 5 p. 60.3 F33
Abstract of a thesis - University of Illinois.

73531 FILIMONOV, M. A. Seeding qualitites of annual grass and legume seeds. (In Russian.) Kormovaia Baza 3(3):43-46. Mar.1952. 60.8 K84

73532 FLYNN, K. Winter management of perennial pastures. Victoria. Dept. Agr. J. 50:167. Apr.1952. 23 V66J

73533 FOWLER, R. G., JR. It's the way you handle pasture. Hoard's Dairyman 97:609. July 25,1952. 44.8 H65

73534 FRASER, D. E. A miracle from grass. Farmer & Stock-Breeder 66(3272):53,55-56. July 8,1952. 10 F228
Grassland management in Great Britain.

73535 FREDERIKSEN, H. What is bromegrass? Culture and use of bromegrass in U. S. A. (In Danish.) Dansk Landbr. 71:292. June 19,1952. 280.28 V91

73536 GALANDE, N. K., and WAKANKAR, S. M. Pre-monsoon sowing of jowar (Andropogon sorghum). Indian Farming (n.s.)2(2):18. May 1952. 22 In283

73537 GARATTONI, E. When to mow and how to make hay. (In Italian.) Spezia Agr. 7(5):2. May 1,1952. 16 Sp3

73538 GIESECKE, W. Zur grünlandwoche 1952. Hannoversche Land- u. Forstwirt. Ztg. 105:545-546. May 31,1952. 18 H194

73539 GIRALDO H., C. Manejo racional de potreros. Agr. Trop. 8(5):7-11. May 1952. 26 Ag8

73540 GOODALL, V. C. The day and night grazing system. New Zeal. Grassland Assoc. Proc. 13:86-94. 1951. 60.19 N48

73541 GUYADEEN, K. D. A note on some promising tropical legume forages. Trop. Agr. [St. Augustine] 28: 231-232. July/Dec.1951. 26 T754

73542 HAASE. Erfahrungen und fortschritte in der grünlandbewirtschaftung. Unser Milchvieh 4(6):3. June 1952. 43.8 Un7

73543 HAMBLYN, C. J. Advancements in grassland farming in Taranaki. New Zeal. Grassland Assoc. Proc. 13:57-65. 1951. 60.19 N48
Includes discussion.

73544 HARLAN, J. R., and ELDER, W. C. Establishment of grasses and legumes. Okla. Agr. Expt. Sta. Forage Crops L. 1,2 p. Jan.1952. 60.9 Ok4

73545 HARLAN, J. R. Harvesting and cleaning grass seed in Oklahoma. Okla. Agr. Expt. Sta. Forage Crops L. 4,2 p. Jan.1952. 60.9 Ok4

73546 HARLAN, J. R., ELDER, W. C., and CHESSMORE, R. A. Forage crops recommended in Oklahoma. Okla. Agr. Expt. Sta. Forage Crops L. 3,2 p. Jan.1952. 60.9 Ok4

73547 HARLAN, J. R., ELDER, W. C., and CHESSMORE, R. A. Seeding rates of grasses and legumes. Okla. Agr. Expt. Sta. Forage Crops L. 2,2 p. Jan.1952. 60.9 Ok4

73548 HAUCK. Grünlandtagung Buchen. Bad. Landwirt. Wchnbl. 119:382-383. May 31,1952. 18 B142

73549 HAUCK. Grünlandtagung Schwäbisch Hall. Württemb. Wchnbl. f. Landwirt. 119:495. May 31,1952. 18 W9C

73550 HAWKINS, R. P. A survey of commercial samples of herbage strains, 1949-1951. Natl. Inst. Agr. Bot. J. 6:49-54. 1951. 103 N21J

73551 HEDIN, L., and LEFEBVRE, J. M. Les méthodes d'analyse botanique dans l'étude agronomique des prairies. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:376-407. Ref. July/Sept.1951. 14 F8499A

73552 HELLBO, E. Strain and varieties of red clover. (In Swedish.) Svensk Jordbrforsk. 1951:142-145. 11 J763

73553 HUGHES, H. D., THOMPSON, H. E., and KRENZIN, R. E. Lespedeza for your pasture. Iowa. State Col. Agr. Ext. Iowa Farm Sci. 6:195-197. June 1952. 275.28 I094

73554 HUNGER, W. C. Higher production from our dairy farms. New Zeal. Grassland Assoc. Proc. 13:98-100. 1951. 60.19 N48

73555 JORIS. Wird unsere grünlandwirtschaft besser? Hannoversche Land- u. Forstwirt. Ztg. 105: 547. May 31,1952. 18 H194
Management.

73556 JULÉN, G. Svalöf's original Prior brome grass. (In Swedish.) Sveriges Utsädesför. Tidskr. 62:16-17. 1952. 61.9 Sv23
English summary.

73557 KARUNIN, B. A. To prepare the seeds and sow grasses and legumes in good time. (In Russian.) Kormovaîa Baza 3(3):8-10. Mar.1952. 60.8 K84

73558 KENNERLY, A. B. Lush green forage for bleak winter. South. Seedsman 15(7):32,44. July 1952. 61.8 So8
Goliad barley.

73559 KIIKOV, A. L. Two crops of awnless bromegrass in a year. (In Russian.) Kormovaîa Baza 3(1):60. Jan.1952. 60.8 K84

73560 KITZLER, K. Richtige nutzung des grünlandes. Landwirtschaft 11/14:189-190. June/July 1952. 19 L235

73561 KNOLL, J. G. Wie das futter—so die butter! Bauern-Ztg. 5(22):5. (Concl.) May 30,1952. 18 B324
Culture of forage plants.

73562 KNOWLES, G. H. Some western pasture species—bluebush, cottonbush and other perennial chenopods. N. S. Wales. Soil Conserv. Serv. J. 7:189-198. Ref. Oct.1951. 56.9 N472

73563 KÖNEKAMP, A. Anregungen des auslandes für unsere grünlandwirtschaft. Übersicht 3(5):59-63. May 1952. 18 Ub3

73564 KRAUSE, W. Die wichtigsten kräuter auf unseren wiesen. Bauern-Ztg. 5(22):4. (Cont.) May 30, 1952. 18 B324

73565 KRAUSE, W. Die wichtigsten kräuter auf unseren wiesen. Bauern-Ztg. 5(23):8. (Cont.) June 6, 1952. 18 B324
Germany.

73566 KUDINA, E. I. 100 centners of hay per hectare. (In Russian.) Kormovaîa Baza 3(1):29-31. Jan.1952. 60.8 K84

73567 KUKSIN, N. V. The sown meadows in Polesye, Ukrainian SSR. (In Russian.) Kormovaîa Baza 3(3):17-24. Mar.1952. 60.8 K84

73568 KURTEN, P. W. Der ölrettich—eine neue futterpflanze. Deut. Landwirt. Presse 75:143. June 7, 1952. 18 D482

73569 LANZA, F. Research on the water requirements and varieties in summer-winter cultivation of forage beets. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 55,15 p. Ref. 1951. 105.4 R66
English summary.

73570 LEASURE, J. K. The growth pattern of mixtures of orchardgrass and tall fescue with ladino clover in relation to temperature. (Abs.) Assoc. South. Agr. Workers. Proc. 49:177-178. 1952. 4 C82

73571 LECHNER, L. Neuere prüfungsergebnisse von importsaatversuchen zu futterleguminosen. Saatgut-Wirt. 4:59-61. (Cont.) Mar.1952. 61.8 Sa1

73572 LECHNER, L. Neuere prüfungsergebnisse von importsaatversuchen zu futterleguminosen. Saatgut Wirt. 4:88-90. (Cont.) Apr.1952. 61.8 Sa1

73573 LECOURT, B. L'amélioration pastorale par les plantes fourragères xérophiles dans le Sud Marocain. Terre Marocaine 26:159-173. May 1952. 24 T44

73574 LEMBKE, H. Winterraps-anbau. Mitschurin-Feld 3:160-171. 1951. 18 M694
Russian Zone of Germany.

73575 LIUBSKAIA, A. F. Improving the composition of the meadow grass stand by additional sowing of legumes. (In Russian.) Kormovaîa Baza 2(12):15-19. Dec.1951. 60.8 K84

73576 LÖFVENMARK, H. Bentgrass (Agrostis). (In Swedish.) Beten-Vallar-Mossar 4:5-7. (Cont.) Feb. 1952. 11 B46

73577 LUCAS, H. L., and MOTT, G. O. Techniques used in grazing experiments in the South. (Abs.) Assoc. South. Agr. Workers. Proc. 49:169. 1952. 4 C82

73578 LUNA ERCILLA, C. A. El "cachiyuyo" forrajero. Chacra 22(260):12-13. July 1952. 9 C34
Atriplex semibaccata.

73579 LYNCH, P. B. Methods of measuring grassland production. New Zeal. Grassland Assoc. Proc. 13: 184-193. Ref. 1951. 60.19 N48

73580 MCCULLOUGH, M. E., and SELL, O. E. Science and the cow look at pasture forages as a feedstuff, 2. Pasture variations and their effects on the feeding program. Better Crops Plant Food 36(6):19-21,37-38. June/July 1952. 6 B46

73581 MAYER, R., VINCENT, A., and ECOCHARD, R. Les populations francaises de luzerne. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amelior. des Plantes 1:210-255. Ref. Apr./June 1951. 14 F8499A
English summary.

73582 MIKHAL'CHUK, A. L. To extend the plantings of sainfoin. (In Russian.) Kormovaîa Baza 3(3):36-40. Mar.1952. 60.8 K84

73583 MÖLLER. Rationelle gründlandbewirtschaftung. Unser Milchvieh 4(5):1. May 1952. 43.8 Un7

73584 MOORE, B. Seed treatment ups forage crop yields. South. Seedsman 15(7):24. July 1952. 61.8 So8

73585 MOORE, H. I. The grassland of Devon. Gt. Brit. Min. Agr. Agriculture 59:163-168. July 1952. 10 G79J

73586 MORA DAVILA, N. Los pastos también se cultivan. Rev. Agr. y Ganad. 13,i.e.14(146):11-12. Mar. 1952. 9.4 R327
Colombia.

73587 MUNTER, F. Das grünland und seine bewirtschaftung. Allgäuer Bauernbl. 20:306-307. June 13, 1952. 18 AL53

73588 MYERS, W. M. Grassland potentials and the grasslands program. Ontario Crop Impr. Assoc. Addresses & Proc. 15:21-26. 1952. 64.9 On83

73589 MYERS, W. M. Need for improving the world's grasslands. Foreign Agr. 16:107-110. June 1952. 1.9 Ec7For

73590 NETHERLANDS. RIJKSINSTITUUT VOOR RASSENONDERZOEK VAN LANDBOUWGEWASSEN. Voederbieten [Feed beets], 1952. Netherlands. Rinst. v. Rassenonderz. van Landbgewassen. Ber. over Rassenkeuze 121,3 p. Mar.1952. 64.9 W12

73591 NETHERLANDS. RIJKSINSTITUUT VOOR RASSENONDERZOEK VAN LANDBOUWGEWASSEN. Voederbieten met hoog drogestofgehalt [Feed beets with high dry matter content], 1952. Netherlands. Rinst. v. Rassenonderz. van Landbgewassen. Ber. over Rassenkeuze 123,3 p. Mar.1952. 64.9 W12
Varieties.

73592 NETHERLANDS. RIJKSINSTITUUT VOOR RASSENONDERZOEK VAN LANDBOUWGEWASSEN. Voederbieten met matig en laag drogestofgehalte [Feed beets with moderate and low dry matter content], 1952. Netherlands. Rinst. v. Rassenonderz. van Landbgewassen. Ber. over Rassenkeuze 124,8 p. Mar.1952. 64.9 W12
Varieties.

73593 NETHERLANDS. RIJKSINSTITUUT VOOR RASSENONDERZOEK VAN LANDBOUWGEWASSEN. Voederbieten mit zeer hoog drogestofgehalte [Feed beets with very low dry matter content]. Netherlands. Rinst. v. Rassenonderz. van Landbgewassen. Ber. over Rassenkeuze 122,2 p. Mar.1952. 64.9 W12
Varieties.

73594 NEVENS, W. B. Will summer seedlings succeed? Hoard's Dairyman 97:537. June 25,1952. 44.8 H65
Pastures.

73595 NEW ZEALAND GRASSLAND ASSOCIATION. Proceedings of the thirteenth conference, 1951. Christchurch,1951. 196 p. 60.19 N48

73596 NIJDAM, F. E., SCHEIJGROND, W., and KORTEWEG, G. A. Standards for judging varieties in agriculture. II. (In Dutch.) Zaadbelangen 6:124-126. June 16,1952. 61.8 Z2
Forage plants and grasses.

73597 NIKLAS. Grünland-intensivierung. Allgäuer Bauernbl. 20:277. May 29,1952. 18 AL53

73598 NÜLLMANN. Sorgenkind grünland. Landwirt. Z. der Nord-Rheinprov. 119:594-595. June 7,1952. 18 L2344
Management.

73599 OLTMANN, K. Die gewinnung wertvollen wiesenheues. Landwirtbl. Weser-Ems 99:532. May 29, 1952. 18 L2345

73600 ÖRN, P. A forage plant which is worthy of increased culture. (In Swedish.) Beten-Vallar-Mossar 4: 10-11. Feb.1952. 11 B46
Kale.

73601 OSIPOV, V. S. To prepare the seeds of forage root crops for planting in good time. (In Russian.) Kormovaîa Baza 3(3):47-48. Mar.1952. 60.8 K84

73602 OTERO, J. R. DE. An excellent forage plant for cutting: Guatemala grass, Tripsacum fasciculatum Trin. (In Portuguese.) Chacaras e Quintais 85:575-576. (Cont.) May 15,1952. 9.2 C34

73603 OTERO, J. R. DE. Guatemala grass (Tripsacum fasciculatum Trin.), an excellent forage for livestock. (In Portuguese.) Chacaras e Quintais 85:730-731. (Concl.) June 15,1952. 9.2 C34

73604 PESCOTT, E. E. More fodder trees. Westralian Farmers Co-op Gaz. 22:223,225. Apr.1952. 280.28 W522

73605 PETTARIN, T. From meadows to silos. (In Italian.) Agricoltura 1(5):31-32. May 1952. 16 Ag8226
Harvesting and preservation.

73606 PFULB, K. In diesem jahr besseres wiesenheu! Bad. Landwirt. Wchnbl. 119:335-336. May 17, 1952. 18 B142

73607 PLUMMER, A. P., and FRISCHKNECHT, N. C. Increasing field stands of Indian ricegrass [Oryzopsis hymenoides]. Agron. J. 44:285-289. June 1952. 4 Am34P

73608 POTTS, J. W. Texas range management 'workshop.' Co. Agent & Vo-Ag Teacher 8(7):13-15. July 1952. 275.28 N213

73609 RICHARDSON, E. C. Reseeding legumes in Alabama. (Abs.) Assoc. South. Agr. Workers. Proc. 49:45. 1952. 4 C82

73610 ROBERGE, L. Une nouvelle plante lui permet d'agrandir sa ferme. B. des Agr. 34,l.e.48(6):12,55-56. June 1952. 7 B872
Reed canary grass.

73611 ROBERTSON, J. H. Forage grasses for hay and pasture. I. Smooth brome varieties [Bromus inermis]. Nev. Agr. Expt. Sta. C. 1,5 p. Apr.1952. 100 N41S

73612 SACHS. Gemeine rispe und kammgras für grünlandmischungen? Saatgut-Wirt. 4:57-59. Ref. Mar.1952. 61.8 Sa1

73613 SEARS, P. D. Potentialities of intensive grassland farming. New Zeal. Grassland Assoc. Proc. 13:66-76. 1951. 60.19 N48
Includes discussion.

73614 SEMPLE, A. T. Improving the world's grasslands. Food & Agr. Organ. United Nations. FAO Agr. Studies 16,147 p. Dec.1951. 28 F73

73615 SHAIN, S. S. Greater attention to awnless bromegrass [Bromus inermis]. (In Russian.) Kormovaîa Baza 2(12):28-32. Dec.1951. 60.8 K84

73616 SMALLFIELD, P. W. Increased production on dairy farms. New Zeal. Grassland Assoc. Proc. 13:95-97. 1951. 60.19 N48

73617 SNIDER, H. J. Balbo rye will stretch pasture. Hoard's Dairyman 97:578. July 10,1952. 44.8 H65

73618 SPANGENBERG, G. E., and SANCHEZ GONZALEZ, F. Los tréboles. Asoc. Rur. del Uruguay. Rev. 79(5):12-14. May 1952. 9.9 As5

73619 SPANN, J. Das alpenfutterkraut madaun [Ligusticum]. Auf der Alpe 6:41-44. June 1952. 18 Au3

73620 SUCKLING, F. E. T. Results of recent experiments on surface sowing. New Zeal. Grassland Assoc. Proc. 13:119-127. 1951. 60.19 N48

73621 STAEHLER, H. Die moderne weidewirtschaft. Allgäuer Bauernbl. 20:266-268. May 21,1952. 18 AL53

73622 STEHLÉ, H. Les patures naturelles et les cultures fourragères dans l'Archipel Caraïbe. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:548-559. Ref. Oct./Dec.1951. 14 F8499A
English summary.

73623 TESAR, M. B. Sudangrass [Sorghum vulgare sudanense] varieties for Michigan. Mich. Agr. Expt. Sta. Q. B. 34:350-353. May 1952. 100 M58

73624 TIDMAN, D. A. Pasture management. Milk Indus. 32(12):71-73. June 1952. 44.8 M593

73625 TINDALL, C. They're working miracles with hills and prairies. Mo. Rur. 93(10):6-7,23. May 24,1952. 6 R8891
Establishing permanent pastures and cattle ranches in southwestern Missouri.

73626 U. S. BUR. OF AGRICULTURAL ECONOMICS. Osage-blue stem [Andropogon] (Flint hills) pasture report, April 1, 1952. Oklahoma City,1952. 2 p. 1.941 S8P26

73627 UPCHURCH, M. L., and BROWN, T. S. Land, livestock and deer in the Milford-Doyle area of northeastern California. Susanville,Calif.,Off. Farm. Adv., Agr. Ext. Serv.,1951. 32 p. 275.2 C122
Joint report by the U. S. Bureau of Agricultural Economics and the Lassen County Agricultural Extension Service.
Range management.

73628 VEZINA, P. H. La récolte de l'herbe des pâturages. B. des Agr. 34,l.e.48(4):69,72,91. Apr.1952. 7 B872
Canada.

73629 VOSTOKOV, A. G. High yields of grasses in an accelerated cultivation of meadows of low productivity (In Russian.) Kormovaîa Baza 3(1):60-61. Jan.1952. 60.8 K84

73630 WACKER. Futterbauversuchsfeld Cuntzhof. Praxis u. Forsch. 4:73-76. June 20,1952. 18 P89

73631 WACKER. Pflege der wiesen und weiden im sommer und herbst. Landwirtbl. Weser-Ems 99:557-558. June 5,1952. 18 L2345

73632 WALSTROM, R. J. Influence of beneficial and harmful insects on forage crop seed production. Forage Notes 7:25. Apr.1952. 60.8 F74

73633 WASHKO, J. B., EDGE, J. L., and HASKINS, A. L. Grazing small grains. Pa. Agr. Expt. Sta. B. 540 (sup.3):5,10. June 1952. 100 P381

73634 WATSON, SIR J. S. Ley farming. Valuer 12: 73-77. Apr.1,1952. 282.8 V24
Great Britain.

73635 WATSON, W. P., and MARTIN, A. H. Demonstration pasture farm project. Ontario Crop Impr. Assoc. Addresses & Proc. 15:63-66. 1952. 64.9 On83

73636 WEBSTER, C. B. Why has Indiangrass [Sorghastrum nutans] been overlooked? Sheep & Goat Raiser 32(9):18-19. June 1952. 45.8 Sh3

73637 WILLARD, C. J. Early June hay making calls for revisions in methods of handling. Ohio Farm & Home Res. [Ohio Sta.] 37:35,46-47. May/June 1952. 100 Oh3S

73638 WILLIAMS, M. How to make a new pasture. Dairy Farmer [Ipswich] 25(7):15-16. July 1952. 44.8 D1414

73639 WILLIAMS, W. The forage crop resources of the eastern region of South America from Buenos Aires to Sao Paulo. Brit. Agr. B. 5:112-116. July 1952. 10 B776

73640 WILSIE, C. P. Alfalfa varieties for Iowa. Iowa Agr. Expt. Sta. B. P111:737-756. Dec.1951. 100 Io9

73641 WILSON, R. C. Heaviest precipitation on record results in interesting Utah winter as range conditions and stock population continue good outlook. Mountain States Banker 37(20):9. May 19,1952. 284.8 M86

73642 WINKLER, H. Forage plant culture on sandy soils. (In Swedish.) Svensk Jordbrforsk. 1951:69-73. 11 J763

73643 WOODLE, H. A. Coastal bermuda [Cynodon dactylon]. Clemson Agr. Col. S. C. Ext. C. 374,8 p.-folder. Mar.1952. 275.29 So8E

73644 ZAIKA, I. E. Growing seeds of forage beet. (In Russian.) Kormovaîa Baza 3(1):59. Jan.1952. 60.8 K84

73645 ZANNONI, I. Timely mowing of pasture and hay making. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.) 98:191-193. May 1952. 16 C72

73646 ZIMMERMANN, K. Vier jahre arbeiten an luzerne in Müncheberg 1948-1952. Züchter 22:106-118. 1952. 442.8 Z8

73647 ZNAMENSKII, L. N. Foxtail millet on the collective farms in Rovno Region, Ukrainian SSR. (In Russian.) Kormovaîa Baza 2(12):51-52. Dec.1951. 60.8 K84

73648 ZURILIN, I. M. Forage beet culture by the seedling method under conditions of the northern non-black soil area. (In Russian.) Kormovaîa Baza 3(1):39-43. Jan.1952. 60.8 K84

73649 ZURN, F. Der einfluss der ansaatmethode auf die entwicklung von grünlandansaaten. Bodenkultur 6:21-40. Ref. 1952. 19 B635

73650 ZÜRN, F. Ertragssteigerung im grünland. II. Kärntner Bauer 102:335-336. May 31,1952. 19 K14

Oil Crops

73651 BOEV, N. D., and FROLOV, P. V. On extending the plantings of oil flax, mustard and sunflower. (In Russian.) Selek. i Semen. 19(2):45-49. Feb.1952. 61.9 Se5

73652 BUNTING, E. S., and BLACKMAN, G. E. Varietal differences in linseed. Natl. Inst. Agr. Bot. J. 6:45-48. 1951. 103 N21J

73653 ELLIOTT, C. S. Trials of linseed varieties 1948-1950. Natl. Inst. Agr. Bot. J. 6:29-44. 1951. 103 N21J

73654 FRIEDERICH, J. C. De teelt van olievlas [Culture of oil flax]. Nederlands Vlasinst. Wageningen. Ber. 6,8 p. Mar.1951. 73.19 W12B

73655 HUMPHREY, L. M. Soybean variety test. Soybean Digest 12(6):25-26. Apr.1952. 60.38 So9

73656 KALEE, S. Summary of the groundnut season in the summer of 1951. (In Hebrew.) Hassadeh 32:272-274. Mar.1952. 26 H27

73657 MCINTYRE, W. E. The castor bean, industrial oil seed. Sci. Mon. 75:42-46. July 1952. 470 Sci23

73658 MUDRA, A., and NEUMANN, D. Probleme und ergebnisse der Müncheberger ölkürbiszüchtung. Züchter 22:99-105. Ref. 1952. 442.8 Z8

73659 SHEAR, G. M., and MILLER, L. I. The effects of time of planting and digging on yield and maturity of Virginia jumbo runner peanuts. (Abs.) Assoc. South. Agr. Workers. Proc. 49:149-150. 1952. 4 C82

73660 SMITH, P. E. Soybean yields as affected by row width. Ark. Farm Res. 1:4. Spring 1952. 100 Ar42F

73661 WEISS, M. G., and others. Correlation of agronomic characters and temperature with seed compositional characters in soybeans, as influenced by variety and time of planting. Agron. J. 44:289-297. Ref. June 1952. 4 Am34P

C. R. Weber, L. F. Williams, and A. H. Probst, joint authors.

73662 YORK, E. T., JR. Research points way to higher production levels. GFA News 14(2):1-2. Mar. 1952. 77.8 G11

Peanuts.

Sugar Crops

73663 ANTIGUA EXPERIMENTAL SCHEME. Preliminary study of yield data for experiments reaped in 1951, by P. E. Turner, E. R. H. Martin, and L. A. Watkins. Antigua,1951. 26 p. 65.9 An8

Sugarcane.

73664 BARRETO, R. Work done by the Sugar Cane Experiment Station in 1950. Asoc. de Tec. Asucareros de Cuba. Proc. 24:165-171. 1950. 65.9 As5

73665 BEAUCHAMPS. La campagne betteravière 1951-1952. Acad. d'Agr. de France. Compt. Rend. 39: 274-276. Apr.2/23,1952. 14 P215Bc

73666 DIEHL, R., DUPUIS, G., and TSVETOUKHINE, V. Recherches sur le topinambour. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:336-354. July/Sept.1951. 14 F8499A

73667 DILLEWIJN, C. VAN. Handbook of sugarcane, Waltham,Mass.,Chronica botanica,1952. v. 1,371 p. 65 D58

73668 DOXTATOR, C. W. The plant breeder and the sugar beet. Calif. Beet Growers Assoc. B. Sum. 1951: 33-34. 66.9 C12

73669 FERNÁNDEZ ARTILES, R. Preliminary study of some variables in the yields at Central Mercedes. Asoc. de Tec. Azucareros de Cuba. Proc. 24:185-190. 1950. 65.9 As5

73670 FISCHER, J. H. The influence of research on agricultural trends. Spreckels Sugar Beet B. 16:18-19. May/June 1952. 66.8 Sp7

73671 FOLTINEK, H. Zur kultur und ernte der zuckerrüben. Aus einer arbeitstechnischen untersuchung. I. Osterr. Landtech. 5:41-44. Feb.1952. 58.8 L236

73672 FORS, A. L. Description of new sugar cane varieties in Cuba. I. Asoc. de Tec. Azucareros de Cuba. Proc. 24:129-135. 1950. 65.9 As5

73673 FORS, A. L. The eighth conference of the B.W.I.S.T.A. and agricultural conditions of sugar cane in Jamaica. Asoc. de Tec. Azucareros de Cuba. Proc. 24: 223-237. 1950. 65.9 As5

British West Indies Sugar Technologists Association.

73674 FOSTER, C. B. The yield of sugar cane in Barbados in 1951. Barbados. Dept. Sci. & Agr. B. (n.s.) 17,15 p. Dec.1951. 8 B23B

73675 GASKILL, J. O. A new sugar-beet breeding tool—two seed generations in one year. Agron. J. 44:338. June 1952. 4 Am34P

73676 GLAVIN, J. J. Aids to more profitable beet production. Beet Grower 6:2-7. Apr.1952. 66.8 B392 Ireland.

73677 GRAFF, N. G. The stick planting method. Cane Growers' Q. B. 15:137-139. Apr.1,1952. 65.9 Q3C

73678 HARVEY, P. Saving labour with rubbed sugar beet seed. Brit. Sugar Beet Rev. 20:103-108. Mar.1952. 66.8 B77

73679 HAWAIIAN SUGAR PLANTERS' ASSOCIATION. Proceedings of the seventy-first annual meeting, 1951. Honolulu,1951. 73 p. 65.9 H314

Includes 1951 Annual Report of the President.

73680 HSIA, Y. F., CHUAN, L. T., and WANG, C. S. An appraisal of N:Co. 310 cane; results of extensive tests on Taiwan. So. African Sugar J. 36:287,289,291,293,295, 297,299,301. (Cont.) May 1952. 65.8 So8

73681 JAHNL, G. Ergebnisse der rübenversuche des jahres 1951. Bundesanst. f. Alpine Landwirt. Versergeb. 16,59 p. 1952. 19 Ad6V

73682 KLOOR, L. A., JR. Double-treated beet seed for better seedling stands. Calif. Beet Growers Assoc. B. Sum. 1951:35,42. 66.9 C12

73683 MORALES HERNANDEZ, J. A study of the "Pepe Cuba", or "San Agustin", sugar cane variety. Asoc. de Tec. Azucareros de Cuba. Proc. 24:137-145. 1950. 65.9 As5

73684 PETRUNIA, M. I. Economic evaluation of sugar and forage beet hybrids. (In Russian.) Kormovaîa Baza 2(12):33-35. Dec.1951. 60.8 K84

73685 POPOV, A. V. On new methods of varietal improvement of sugar beets in the process of selection. (In Russian.) Selek. i Semen. 19(2):7-14. Feb.1952. 61.9 Se5

73686 RAINERI, C. Increase of sugar beet production; a glance at the work of the Rovigo Experiment Station. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(47):1-3. June 7,1952. 281.8 Ag3

73687 REDDI, K. R. High yields in sugarcane with thick coimbatore canes like Co. 419. Indian Farming (n.s.)2(2):20-21. May 1952. 22 In283

73688 RIETBERG, H. Prospects for sugar beet breeding in the Netherlands. (In Dutch.) Zaadbelangen 6:123-124. June 16,1952. 61.8 Z2

73689 RIRIE, D. Sugar beet research program. Calif. Beet Growers Assoc. B. Sum. 1951:32. 66.9 C12

73690 SERBIN, S. S. Reaction of sugar beet plants differing in [developmental] vigor to a high background of nutrition. (In Russian.) Selek. i Semen. 19(2):62-65. Feb.1952. 61.9 Se5

73691 STENDER, H. K. Variedades en Kauai. Azúcar 2(4):31-33. Sept.1951. 65.8 Az8

73692 ULRICH, A., and HILLS, F. J. How do your sugar beets grow? Calif. Beet Growers Assoc. B. Sum. 1951:31,43. 66.9 C12

73693 VALSECCHI, O. Flowering of sugarcane and its consequences. (In Portuguese.) Bras. Açucareiro 38: 351-357. Oct.1951. 65.8 B73

Tobacco

73694 ANDERSON, P. J. Continuous experimentation in research stations assures a quality cigar leaf. Tobacco [New York] 134(26):10-11,33. June 26,1952. 286.89 T552
Culture.

73695 BENNETT, R. R., and HAWKS, S. N., JR. It pays to prime burley tobacco. N. C. Agr. Col. Ext. C. 367,16 p. June 1952. 275.29 N811

73696 DUNCAN, R. The history & present position of tobacco growing in England. Roy. Soc. Arts. J. 100: 316-328. Mar.21,1952. 501 L847J
Includes discussion.

73697 GISQUET, G. Genetique, amelioration et biologie du tabac. Rev. Internatl. des Tabacs 27:92-95. (Cont.) Apr.1952. 69.8 R324

73698 GRINDROD, J. Research in the field of tobacco cultivation and processing. World Crops 4:242-243. July 1952. 281.8 W892

73699 GRINDROD, J. Tobacco growing and processing. World Crops 4:229-231. July 1952. 281.8 W892

73700 MALLETT, J. A. Tobacco field day. West. Austral. Dept. Agr. J. (ser.3)1:195-199. Mar./Apr.1952. 23 W52J

73701 MOREAU, R. La culture du tabac. Paris, Delmas,1951. 188 p. 69 M81

73702 MORTEN, I. H. The Southern Rhodesian tobacco industry. World Crops 4:232-234. July 1952. 281.8 W892

73703 NAGORE, D. Cultivo del tabaco. Cult. Mod. 35:168-169. May 1952. 15 C89

73704 SOUTH CAROLINA. CLEMSON AGRICULTURAL COLLEGE. EXTENSION SERV. The Darlington County tobacco contest for high yields of high quality cigarette tobacco. Clemson Agr. Col. S. C. Ext. C. 372, 15 p. Feb.1952. 275.29 So8E

73705 STINSON, F. A. Tobacco research in Southern Rhodesia. World Crops 4:234-236. July 1952. 281.8 W892

HORTICULTURAL CROPS

Includes articles on general horticulture, and on varieties, breeding, cultural practices, and yield.

General

73706 ABERG, K. A. How the allotment garden movement came to Uppsala. (In Swedish.) Kolonihagen 22: 63-66. (Cont.) Apr./May 1952. 80 K83

73707 ALBERTA HORTICULTURAL ADVISORY COMMITTEE. Alberta horticultural guide, 1952-1953. Alberta,1952. 31 p. 82 AL1

73708 BOCK, F. Nursery services. Oreg. Dept. Agr. Agr. B. 174:21-22. June 1952. 2 Or3
Inspection.

73709 BRUN. Le Centre Horticole des Caroubiers. B. Econ. et Social de la Tunisie 64:32-36. May 1952. 280.8 B874
Horticultural education.

73710 ECKLES, J. M. Operating under the new California bedding plant order. Pacific Coast Nurseryman 11(6):15,37-39. June 1952. 80 P116

73711 FINOCCHIARO, M., and CONOCE, C. Frutta e ortaggo d'Italia [Fruit and vegetables of Italy]. Verona, Cosimo,1951. 294 p. 90.01 F49

73712 FLAATTEN, H. K. Night frost, its causes and control. (In Norwegian.) Gartneryrket 42:359-362. May 19,1952. 80 G1938

73713 FRIGERIO, J. C. Protección contra las heladas. Chacra 22(259):26. June 1952. 9 C34

73714 GAYE, P. F. The simple garden; a handbook for amateurs short of time. London,Phoenix House,1952. 135 p. 90.3 G25

73715 HADERMANN, G. L'horticulture dans la province d'Anvers. Rev. de l'Agr. 5:539-552. June 1952. 13 R322
English summary.

73716 HILDRUM, E. Impressions on the information work in horticulture in U.S.A. (In Norwegian.) Norsk Hagetid. 68:89-94. (Concl.) May 1/15,1952. 80 N21

73717 HOFF, S. Instruction in gardening in Scandinavia. (In Norwegian.) Gartneryrket 42:398-400. May 31,1952. 80 G1938

73718 KOOT, Y. VAN. Horticulture on the Channel Islands. (In Dutch.) Netherlands. Dir. van Tuinbouw. Meded. 15:325-335. June 1952. 86 N384
English summary.

73719 LAAN, E. VAN DER. The Horticultural Education Association. (In Dutch.) Netherlands. Dir. van Tuinbouw. Meded. 15:355-357. June 1952. 86 N384
English summary.

73720 LANGE, T., and ZAHN, F. P. Gartenbuch; ein lehr- und nachschlagebuch. Ed. 10, rev. Gütersloh, Bertelsmann,1951. 975 p. 90 L26

73721 LLANO GOMEZ, E. Propagación de plantas. Bogota,Colinagro,1952. 157 p. 90.11 L77

73722 MIDDLETON, C. H. Middleton's gardening guide; all the year round flowers; fruit; vegetables. Rev. and edited by R. Sudell. London,Burke,1952? 224 p. 91.15 M582

73723 NORWAY. LANDBRUKSDEPARTEMENTET. Hagebruket; meldinger fra statens hagebruksskoler og statens forsøksstasjoner i hagebruk for året 1946 [Gardening. Reports of the State Horticultural Schools and the State Horticultural Experiment Station for the year 1946]. Oslo,1951. 31 p. 11 C46G

73724 OTTERLOO, J. W. VAN. Boskoop, center of tree nurseries. II. (In Dutch.) Zaad-Bloem-en Bollenwereld 16:237. May 1952. 61.8 Z12

73725 PORATH, A. Concrete pots which caused the degeneration of seedlings. (In Hebrew.) Hassadeh 32: 258-259. Feb.1952. 26 H27

73726 RAMOS, J. B. Alignment of plantings. (In Portuguese.) Granja [Porto Alegre] 8(59):9-13. Feb. 1952. 9.2 G76

73727 ROBINSON, W. P. A. Cloche rotations of profitable crops. Mr. Chase's Cloche Gard. Notes 11:66-69. May 1952. 80 M69

73728 ROPLEY HORTICULTURAL SOCIETY. Year book for 1952. Hampshire,1952. 40 p. 84 R68

73729 SANDAHL, B. Greenhouse culture in the face of new developments. (In Swedish.) Svensk Jordbrforsk. 1951:112-121. Ref. 11 J763
Watering and soilless culture.

73730 SCHAERER D., O. Manual práctico sobre multiplicación de plantas. Ed. 2. Santiago,Nascimento, 1951. 168 p. 64 Sch1

73731 TAUBITZ. Anerkennungs- und kennzeichnungsverfahren für baumschulgewächse in Holland. Obstbauberatungsring. Mittbl. 7(2):5. Apr.1,1952. 85 Ob72

73732 WASHINGTON. DEPT. OF AGRICULTURE. Horticulture in the State of Washington. n.p.,1951. 70 p. 252.91 Ag8
U. S. Department of Agriculture, Bureau of Agricultural Economics, cooperating.

73733 WESSEL, F. W. Versuche auf den versuchsgütern der Landwirtschaftskammer. Landwirt. Wchnbl. f. Westfalen u. Lippe 109 A:946-947. June 19,1952. 18 L2346
Horticultural research.

73734 WEISSHUHN, A. Der schulgarten: ein beispielplan. Bonn,Dürrsche Buchhandlung,1951. 40 p. 90.41 W43

73735 WIEMAN, J. S. Operations of the Bureau of Nursery Service. Oreg. Dept. Agr. Agr. B. 174:8-10. June 1952. 2 Or3
Within the Oregon Department of Agriculture.

73736 ZENS, F. J. Gemüse-, obst- und gartenbau. Raiffeisen-Rundschau 4:77. (Cont.) Apr.1952. 284.28 R132

Fruits--General

73737 BAIER, W. "Tauno-Laine," ein neuer frostschutzapparat. Obstbau 71:52-53. Apr.1,1952. 80 Ob73

73738 BRIGGS, T. A. Adverse weather in '51 affected crops in Wenatchee, Washington region. West. Canner & Packer 44(6):105-106,108. May 25,1952. 286.83 W522
Fruit.

73739 BURRELL, A. B. Some essential factors for successful fruit growing. N. J. State Hort. Soc. Hort. News 33:2537-2539. July 1952. 81 N46

73740 CONWAY, T. Factors influencing the setting and bearing of fruit trees. New Zeal. J. Agr. 84:260-263, 265,267. Apr.1952. 23 N48J

73741 CUENOT, G., and GARANGEAT, S. La plantation des arbres fruitiers. Morocco. Serv. de l'Hort. P. 4,23 p. Aug.1951. 87 M82

73742 EINSET, J. Breeding new varieties of fruit. (In Norwegian.) Frukt og Baer 4:136-141. 1951. 80 F9428

73743 GAYFORD, G. W. Changes in Victorian fruit production. Victoria. Dept. Agr. J. 50:219-220. May 1952. 23 V66J

73744 IL'INSKIĬ, A. A., and TKHAGUSHEV, N. A. Agronom State Farm in Krasnodar Territory. (In Russian.) Sad i Ogorod 11:14-19. Nov.1951. 80 Sa13
Chiefly on fruit culture.

73745 KHABENKO, K. K. For further growth of orchards in Belo-russia. (In Russian.) Sad i Ogorod 11: 10-11. Nov.1951. 80 Sa13

73746 KONSTANTINOV, P. K. Orchard cultivation in Ukraine is progressing. (In Russian.) Sad i Ogorod 11: 7-10. Nov.1951. 80 Sa13

73747 LAVRIK, P. I. Orchard cultivation in the new districts [of U.S.S.R.]. (In Russian.) Sad i Ogorod 11:12-14. Nov.1951. 80 Sa13

73748 MOROCCO. (SPANISH ZONE). SERV. AGRONOMICO. Cursillo práctico de arboricultura. Morocco. (Sp. Zone). Serv. Agron. Hojas de Inform. 77,8 p. Feb. 1952. 24 M823

73749 NILSSON, F. Gardening in Canada. (In Swedish.) Svensk Jordbrforsk. 1951:76-88. 11 J763
Fruit and vegetable culture.

73750 PHILLIPS, F. J. Antes de manejar la podadora. Chacra 22(260):62-63. July 1952. 9 C34
Fruit.

73751 PIJLS, F. W. G., STUIVENBERG, J. H. M. VAN. The rate of growth of grapes and peaches in glasshouses on river-clay and sandy soils. (In Dutch.) Netherlands. Dir. van Tuinbouw. Meded. 15:336-342. June 1952. 86 N384

73752 PROKHOROV, IA. M. Fruit and berry species in the roadside plantings. (In Russian.) Sad i Ogorod 11: 27-28. Nov.1951. 80 Sa13

73753 PUKHOVITSKIĬ, N. M. Sernovodskaĭa School of Fruit Growers. (In Russian.) Sad i Ogorod 12:28-30. Dec.1951. 80 Sa13

73754 ROBIN, F. Les problèmes actuels de la production fruitière en France. Tarn-et-Garonne Agr. 15:82-84. May 1952. 14 T17

73755 ROYAL HORTICULTURAL SOCIETY, LONDON. The fruit garden displayed. London,1951. 116 p. 93.5 R81F

73756 SCHILLETTER, A. E. The farm orchard. Clemson Agr. Col. S. C. Ext. B. 89,32 p. Mar.1952. 275.29 So8F

73757 SEABROOK, W. P. Modern fruit growing. Ed. 9. rev. London,Benn,1952. 319 p. 93.24 Se1

73758 SHISHKOV, G. I. Orchard cultivation on the enlarged collective farms. (In Russian.) Sad i Ogorod 11: 19-21. Nov.1951. 80 Sa13

73759 STEPHAN, F. Drei grosse obstbauaktionen. Bauer 5(7):10-11. Feb.16,1952. 19 B32
Austrian program for improving fruit culture.

73760 TAKAGAME, K. Katei kaju shinsho (A new book for fruit raising at home). Tokyo,Fujin No Tomosha, 1951. 128 p. 93.28 T13

73761 TESKEY, B. J. E. Exhibiting and judging fruit. Ontario,Dept. Agr. B. 489,22 p. Apr.1952. 101 On8B

73762 VIDAL MORA, J. M. El cultivo de los árboles frutales. Balearic Isl. Diputación Prov. B. de Agr. 91:1-2. Apr.1952. 15 B19

73763 WIEWGORRA. Ertragssteigerung durch veredelung mehrerer obstsorten auf einem baum. Mitschurin-Feld 3:191. 1951. 18 M694
Russian Zone of Germany.

Fruits--Citrus and Subtropical

73764 ADRIANCE, G. W. Cultivo, propagación, plagas y enfermedades del olivo. Agronomia [Monterrey] 22:4, 7. May/June 1952. 8 Ag828

73765 AGNEW, G. W. J. Growing the papaw. Banana B. 15(4):6-9,17. Apr.1,1952. 93.42 B22

73766 AKIMENKO, A. N. Rootstocks for lemons in Moldavia. (In Russian.) Sad i Ogorod 11:39. Nov.1951. 80 Sa13

73767 BAILEY, F. L. Culture of Feijoa trees. New Zeal. J. Agr. 84:291-293,295-296. Apr.1952. 23 N48J

73768 BATCHELOR, L. D., and BITTERS, W. P. Cleopatra mandarin & Troyer citrange; two promising rootstocks for California citrus may replace sweet and sour stocks. Citrus Leaves 32(7):6-11. July 1952. 80 C492

73769 BLANC, CHAPOT, and CUENOT. Coup d'œil sur l'agrumiculture américaine. Fruits et Primeurs de l'Afrique du Nord 22:205-211. May 1952. 80 F9482

73770 BLONDEL. Comment surgreffer. Elevage et Cult. 4(41):7-8. May 1952. 24 EL2
Citrus.

73771 BOREL, E. L'amélioration de la culture du bananie au Cameroun. Fruits 7:222-230. May 1952. 80 F9492

73772 CHAPOT, H. Inventaire des variétés d'agrumes réunies dans les stations régionales horticoles du Maroc. Morocco. Serv. de l'Hort. P. 10,8 p. Apr.1952. 87 M82

73773 COBIN, M. The lychee in Florida. Fruit Varieties & Hort. Digest 6:52-53. 1951,pub.Feb.1952. 80 F9464

73774 CROCKER, A. J. Pruning citrus trees. Queensland Fruit & Veg. News 2(23):2-3. Apr.18,1952. 280.38 Q3

73775 ELANT, H., and PERROT, J. La production des oliviers par boutures aux Béni-Amir. Chambre d'Agr. de Casablanca. B. 23(249):3,5,7. Jan.1952. 24 C26

73776 FLEWELL-SMITH, B. The South African pineapple industry. Banana B. 15(4):15-16. Apr.1,1952. 93.42 B22

73777 FORD, H. W. The distribution of feeder roots of orange and grapefruit trees on rough lemon rootstock. Citrus Mag. 14(11):22-23. July 1952. 80 C498

73778 GANDHI, S. R. Banana culture in western India. Poona Agr. Col. Mag. 42:180-209. Feb.1952. 22 P79

73779 GUTIEV, G. T. Subtropical crops in the area of the Principal Turkmenian Canal. (In Russian.) Sad i Ogorod 11:37-38. Nov.1951. 80 Sa13

73780 HILDYARD, P. Proper planning for pineries. Farming So. Africa 26:172,176. May 1951. 24 So842
Pineapple culture.

73781 JOINER, J. N. More about citrus nursery stock certification. Citrus Indus. 33(7):5,10. July 1952. 80 C49

73782 KIRTHISINGHE, F. Breeding better coconuts by artificial means. Ceylon Coconut Q. 2:175-177. Oct./Dec.1951. 77.3 C33

73783 KLIMENKO, K. T., and KLIMENKO, V. N. Effect of rootstocks on productivity and quality of oranges. (In Russian.) Agrobiologiia 2:128-132. Mar./Apr.1952. 20 Ag822

73784 LAWRENCE, F. P. Rootstocks for new plantings—citrus must be of selected, disease-free varieties. Fla. Grower 60(7):9. July 1952. 80 F6622

73785 LORD, E. L. The sapodilla [Achras zapota] in Florida. Subtrop. Gard. 5(5):3,8. Mar./Apr.1952. 80 Su13

73786 LYNCH, S. J., and NELSON, R. Additional notes on mango budding. Subtrop. Gard. 5(5):5,13. Mar./Apr.1952. 80 Su13

73787 MITCHELL, P. The pineapple plantation in autumn. Banana B. 15(3):9. Mar.1,1952. 93.42 B22

73788 MORETTINI, A., and MASSACESI, A. Leccio del Corno, variety of olive very resistant to low temperatures and to Cycloconium. (In Italian.) Italia Agr. 89: 299-304. May 5,1952. 16 It1

73789 MURRAY, D. B. Citrus experiments at the St. Augustine Experiment Station, Trinidad, B.W.I. Trop. Agr. [St. Augustine] 28:215-227. July/Dec.1951. 26 T754

73790 REBOUR, H. Le surgreffage des agrumes. Fruits et Primeurs de l'Afrique du Nord 22:213-216. May 1952. 80 F9482

73791 ROBERTS, R. Harvesting the Washington navel orange. Victoria. Dept. Agr. J. 50:170. Apr.1952. 23 V66J

73792 RUTHERFORD, D. M. Tree crops in Orangé County. Calif. Citrog. 37:355,378-379. July 1952. 80 C125

73793 SAVAGE, Z. Grove management and public policy. Citrus Mag. 14(11):14-15. July 1952. 80 C498
Florida.

73794 SMITH, A. E. Banana growing; fruit shape and bunch size. Queensland Fruit & Veg. News 2(25): 20-21. May 2,1952. 280.38 Q3

73795 SPEER, H. L. Tropical and subtropical fruits in the Okeechobee area. Subtrop. Gard. 5(3):4,17. Jan. 1952. 80 Su13

73796 ZANOTTI, L. Classic Italian varieties: Ovale orange. (In Italian.) Italia Agr. 89:323-331. May 5,1952. 16 It1

73797 ZEMIRIN, S. Impressions from a visit to banana groves in the Coastal Plain. (In Hebrew.) Hassadeh 32:241-244. (Concl.) Feb.1952. 26 H27

Fruits--Deciduous

73798 ARMSTRONG, W. Apple varieties for the Granite Belt. Queensland Fruit & Veg. News 2(27):27. May 23,1952. 280.38 Q3

73799 ASAKURA, K. Ringo (The apple). Tokyo, Asakura Shoten,1951. 231 p. 93.31 As1

73800 BARAK, D. Observations on thinning of Japanese plums by chemicals. (In Hebrew.) Hassadeh 32: 239-240. Feb.1952. 26 H27

73801 BARKER, B. T. P. Cider: from farm to factory. Gt. Brit. Min. Agr. Agriculture 59:192-196. July 1952. 10 G79J
Apple varieties and cider quality.

73802 BAUMGART, M. G. Cherry culture near Christchurch. New Zeal. J. Agr. 84:381-382. May 1952. 23 N48J

73803 BERNHARD, R., DELMAS, H. G., and SAN-FOURCHE, G. Recherches sur la pollinisation de quelques variétés de pruniers. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:179-209. Ref. Apr./June 1951. 14 F8499A
English summary.

73804 BOLSTAD, E. On fruit growing in our outer coastal districts. (In Norwegian.) Frukt og Baer 4:107-111. 1951. 80 F9428

73805 BRASE, K. D. Little trees, big fruit made to home garden measure. Home Gard. 19(3):41-44. Mar. 1952. 80 H756

73806 CARLONE, R. The Canada Reinette in the Aosta Valley. (In Italian.) Monti e Boschi 3:19-23. Jan.1952. 16 M76
English summary.
Apple variety.

73807 CLINE, H. F. Quality maintenance in fruit production. Appleland News 16(4):18-19. Apr.1952. 80 Ap53
Plums.

73808 COMELLI, A. Description des "Galeuses" ou "Galleuses" de Bretagne. Fruits 7:213-214. May 1952. 80 F9492
An apple variety.

73809 COOMBE, J. Apricot culture. New Zeal. J. Agr. 84:325,327,329,331,333. (Cont.) Apr.1952. 23 N48J

73810 COOMBE, J. Apricot culture. New Zeal. J. Agr. 84:397-399,401,403,405,407. May 1952. 23 N48J

73811 COOPER, J. R. Thinning peaches for better fruit. Ark. Farm Res. 1:3. Spring 1952. 100 Ar42F

73812 CROCE, F. M. Poda del ciruelo europeo. Chacra 22(260):24,63. July 1952. 9 C34

73813 CROSSA-RAYNAUD, P. L'expérimentation fruitière en Tunisie: l'abricotier. Fruits 7:208-213. Ref. May 1952. 80 F9492

73814 DEKKER, P. Some aspects of Danish fruit culture. (In Flemish.) Cult. en Handel 18:333-335. June 1952. 80 C892

73815 EINSET, O. Pollination and fruit set. (In Norwegian.) Frukt og Baer 4:142-146. 1951. 80 F9428

73816 FÖRENINGEN FOR VÄXTFÖRADLING AV FRUKTTRÄD. Verksamhetsaret [Report of the Association for the Breeding of Fruit Trees] 1950. Kristianstad, 1951. 15 p. 86 F76

73817 GENTILE, G. The new early peach, Mimi del Forno. (In Italian.) Riv. della Ortoflorofrutticolt. Ital. 36:135-136. May/June 1952. 86 R22

73818 GERRITSEN, C. J. May cherry "types." (In Dutch.) Fruitteelt 42:504-505. June 26,1952. 86 N28

73819 GÖTTEL, L. Das problem der erschöpfung im obstbau 71:54-55. Apr.1,1952. 80 Ob73

73820 GRAM, N. Care of fruit trees that have been grafted. (In Danish.) Husmandshjemmet 2(21):2. May 20, 1952. 11 H963

73821 HABRAN, R. Le poirier. VIII. B. Hort. (n.s.) 7:146-147. May 1,1952. 80 B873

73822 JAGER, A. The peach and its care. (In Dutch.) Huis en Hof 4:5-6. Jan.1952. 80 H87

73823 KIRSTEN. Neue schwedische apfelunterlagen. Obstbauberatungsring. Mittbl. 7(2):8. Apr.1,1952. 85 Ob72

73824 KÜHNER. Wieviel bienenvölker sind für die blütenbefruchtung erforderlich? Obstbau 71:56-57. (Cont.) Apr.1,1952. 80 Ob73

73825 METLITSKIĬ, Z. A. On shaping fruit trees. (In Russian.) Sad i Ogorod 12:3-12. Dec.1951. 80 Sa13
Chiefly on apple pruning.

73826 MESEROLL, W. S., JR. Applegates use factory methods in the [apple] orchard. N. J. Farm & Gard. 23(7):14-15,62. July 1952. 6 G162

73827 MEURMAN, O. Pruning young apple trees. (In Norwegian.) Frukt og Baer 4:5-12. Ref. 1951. 80 F9428

73828 MÜLLER, D., and DALBRO, S. Frugttræernes ernæring, blomstring og arvelighedsforhold [Nutrition, flowering and genetics of fruit trees]. København,1951. 52 p. (Aktieselskabet for Kemisk Industri. AKI Service-Serie 3) 463.3 M91F

73829 OOSTEN, A. VAN. Notes on Zeeland. (In Dutch.) Fruitteelt 42:418-419. May 22,1952. 86 N28
Fruit culture.

73830 OOSTEN, A. VAN. Practical experiences with chemical thinning of flowers. (In Dutch.) Fruitteelt 42: 473-474. June 12,1952. 86 N28
Of fruit trees.

73831 PALLESEN, L. Peach culture. (In Danish.) Gart.-Tid. 68:241-242. June 30,1952. 80 G192

73832 PEICHL, L. Die beziehungen zwischen witterung und ertrag beim kernobst. Obstbau 71:53-54. Apr.1,1952. 80 Ob73

73833 PLASSE, J. J. V. D. Fruit thinning. (In Dutch.) Groenten en Fruit 7:935. May 29,1952. 80 G89

73834 PLOCK, H. Betrachtungen über verschiedene stammbildnersorten im steinobstbau. Obstbau 71:57. Apr.1,1952. 80 Ob73

73835 PODGAEVSKAĬA, A. A. Cherry pruning. (In Russian.) Sad i Ogorod 12:24-26. Dec.1951. 80 Sa13

73836 RASMUSSEN, E. J., and others. Growing apples in New Hampshire. N. H. Agr. Col. Ext. B. 100, 31 p. May 1951. 275.29 N45
L. P. Latimer, W. W. Smith, and A. F. Yeager, joint authors.

73837 REMY, A. Mission d'étude de la production fruitière dans l'Est des Etats-Unis. Rev. Hort. 124: 684-690. (Cont.) Mar./Apr.1952. 80 R32
Peaches.

73838 RÍABOV, I. N. Selection of stone fruit crops. (In Russian.) Sad i Ogorod 11:22-26. Nov.1951. 80 Sa13

73839 RODRIGUES, A., and MENEZES, A. Thinning apples. (In Portuguese.) Agron. Lusitana [Lisbon] 13: 259-318. Ref. 1951. 105.7 Ag8
English summary.

73840 SAATHOFF. Anbau-richtlinien für die zukünftige obstbauplanung. Obstbauberatungsring. Mittbl. 7(2): 9. Apr.1,1952. 85 Ob72

73841 SEDAK, A. M. Pruning of fruit-bearing apricot and cherry trees. (In Russian.) Sad i Ogorod 12:21-23. Dec.1951. 80 Sa13

73842 STONE, J. D. B. Pruning stone fruit trees. Queensland Fruit & Veg. News 2(18):7-8. Mar.21,1952. 280.38 Q3

73843 STOY, O. Some reflections on the "American" method of pruning fruit trees (according to Professor O. Meurman). (In Swedish.) Sveriges Pomol. För. Fruktodlaren 2:44-47. 1952. 86 Sv2F

73844 U. S. PATENT OFF. Plant patents. 3, Nos. 1952. 156.65 P69
Contents: 1097. Merrill, G. Peach tree. 2 p.,1 col.pl. May 20; 1098. Merrill, G. Peach tree. 2 p.,1 col.pl. May 20; 1099. Merrill, G. Peach tree. 2 p.,1 col.pl. May 20.

73845 VERBOVYI, K. A. For long-lasting and highly productive orchards. (In Russian.) Sad i Ogorod 12:13-21. Dec.1951. 80 Sa13
Pruning of apples and pears.

73846 VERNER, L. Idared and Idajon apples. Fruit Varieties & Hort. Digest 6:49-50. 1951,pub.Feb.1952. 80 F9464

73847 WARD, K. M. The apple. Queensland Fruit & Veg. News 2(20):9-12; (23):29,32; (25):25,27; (26):18-19. (Cont.) Mar.28,Apr.18,May 2-9,1952. 280.38 Q3

73848 WEINBERGER, J. H. Thinning peaches with sodium salt of naphthaleneacetic acid. (Abs.) Assoc. South. Agr. Workers. Proc. 49:115. 1952. 4 C82

73849 WHITTAKER, E. C. Pear growing in New South Wales. Agr. Gaz. N. S. Wales 63:183-187. (Cont.) Apr.1,1952. 23 N472

73850 ZAVATSKAIA, E. A. Selective pollination in the apple tree, Pepin Shafrannyi. (In Russian.) Agrobiologiia 2:122-124. Mar./Apr.1952. 20 Ag822

Fruits--Small

73851 ADRIANCE, G. W. Cultivo, propagación, plagas y enfermedades de la vid. Agronomia [Monterrey] 22:2-3,8. May/June 1952. 8 Ag828

73852 BASTELEUS, R. La floraison des vignes sous verre. B. Hort. (n.s.)7:142-145. May 1,1952. 80 B873

73853 BORISOVSKII, N. IA. Grape culture in Donbas. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):59-60. Sept.1951. 95.8 V77

73854 BRADT, O. A. The grape in Ontario. Ontario. Dept. Agr. B. 487,38 p. June 1952. 101 On8B
Culture.

73855 BRANAS, J. Macabeu, Macabeo, Xarel-lo, Lardot. Prog. Agr. et Vitic. 137:331-336. June 15/22, 1952. 14 P94
Grape variety.

73856 BREIDER, H. Se puede utilizar la radiografia para observar injertos en la vid. Mundo Agr. 4(37):66-67. June 1952. 9 M92

73857 CLARK, R. Sultana growing at Mildura. Queensland Fruit & Veg. News 2(25):28-29. May 2,1952. 280.38 Q3

73858 ERGESIAN, R. A. Prospects of non-irrigated grape culture in Armenia. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):38-42. Oct.1951. 95.8 V77

73859 ESAIAN, G. S. Practices of grape growers-innovators of Armenia. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):3-5. Oct.1951. 95.8 V77

73860 GILBERT, F. A. The cultivated highbush blueberry, a relatively new fruit. Fruit Varieties & Hort. Digest 6:57-59. (Cont.) 1951,pub.Feb.1952. 80 F9464

73861 GUKAS'IAN, A. S. Scientific-research work in grape culture in the South of Kazakhstan. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):54-55. Oct.1951. 95.8 V77

73862 HERSHKOVITZ, A. The planting of late varieties of table grapes. (In Hebrew.) Hassadeh 32:277-279. Mar.1952. 26 H27

73863 HOBBIS, E. W. Reliable raspberries. Gard. Illus. 64:183. July 1952. 80 G169

73864 HOCHBERG, N., and SAFRAN, B. Increasing the acreage of wine grapes. (In Hebrew.) Hassadeh 32: 240-241. (Concl.) Feb.1952. 26 H27

73865 IUSUBOV, M. K., and KIBALOV, P. I. For high yields on the entire vineyard area. (In Russian.) Vinodel. i Vinograd. SSSR. 12:59-61. Jan.1952. 95.8 V77

73866 JOHANSSON, E. Raspberry culture. (In Swedish.) Svensk Jordbrforsk. 1951:95-105. 11 J763

73867 JOHNSTON, S. Early Red, a new raspberry from Michigan. Fruit Varieties & Hort. Digest 6:47-48. 1951,pub.Feb.1952. 80 F9464

73868 KATAR'IAN, T. G. To the assistance of the great projects. Extensive development of scientific-research work in grape culture and wine manufacture in the area of canals and new structures. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):6-8. Oct.1951. 95.8 V77

73869 KONDION, A. K. The collective of Dzhemete State Farm had fulfilled the obligations. (In Russian.) Vinodel. i Vinograd. SSSR. 12:62-64. Jan.1952. 95.8 V77
Grape culture chiefly.

73870 KONDO, I. N., and ALEKHIN, K. K. Testing methods for callus formation on [grape] cuttings. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):32-35. Sept. 1951. 95.8 V77

73871 KRONENBERG, H. G. New strawberry varieties in Western-Europe. (In Dutch.) Netherlands. Dir. van Tuinbouw. Meded. 15:343-354. Ref. June 1952. 86 N384
English summary.

73872 KUZ'MIN, A. IA. On dates for sowing grape seeds. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9): 30-32. Sept.1951. 95.8 V77

73873 LAUDANSKI, F. Étude préliminaire de quelques porte-greffes et sélections du murier. Prog. Agr. et Vitic. 137:341-347. June 15/22,1952. 14 P94

73874 LOBANOV, G. M. Specialization of grape culture in Southern-Kazakhstan and Dzhambul Regions. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):37. Oct. 1951. 95.8 V77

73875 LOMKATSI, S. I., and RTSKHILADZE, I. T. Achievements of leading grape growers of Georgia [U.S.S.R.]. (In Russian.) Vinodel. i Vinograd. SSSR. 12: 14-17. Jan.1952. 95.8 V77
Culture chiefly.

73876 LUQUE, J. A. Como se hace un viñedo. Chacra 22(259):30-31. June 1952. 9 C34
Argentina.

73877 MARSAIS. Les cépages hybrides dans la région méditerranéenne. Indus. Agr. et Aliment. 68:241-243. May/June 1951. 383 As7
English summary.

73878 NATSVIN, A. V., and KHAIDARKULOV, G. Prospective grape varieties in Uzbekistan. (In Russian.) Sad i Ogorod 11:35-36. Nov.1951. 80 Sa13

73879 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. The cultivation of strawberries. North. Ireland. Min. Agr. L. 68,11 p. Mar.1952. 10 N81

73880 NYHLEN, A. Gooseberry variety tests at Nyckelby 1942-1950. (In Swedish.) Svensk Jordbrforsk. 1951:106-111. 11 J763

73881 OOSTEN, A. VAN. Small fruit culture in America. I. (In Dutch.) Groenten en Fruit 7:900-901. May 15,1952. 80 G89

73882 OOSTEN, A. VAN. Small fruit culture in America. II. (In Dutch.) Groenten en Fruit 7:936-937. May 29,1952. 80 G89
Strawberries.

73883 PEYER, E. Zwei neue musterrebberge. Schweiz. Z. f. Obst- u. Weinbau 61:255-257. June 28,1952 80 Sch9

73884 POST, J. J. Advance forecasting of thinning date for grapes. (In Dutch.) Groenten en Fruit 7:932-933. May 29,1952. 80 G89

73885 RIVEROS, J. E. Para podar bien la vid. Chacra 22(260):30,41. July 1952. 9 C34

73886 ROGERS, H. T. Bonus berry. Wash. Farmer 77:573,577. July 17,1952. 6 R151
The Northwest strawberry.

73887 SADYKOV, S. IU. To develop selected grape plantations. (In Russian.) Vinodel. i Vinograd. SSSR. 11 (10):31-32. Oct.1951. 95.8 V77

73888 SAFTENBERG, F. Die kultur der erdbeere. Rev. by J. Schneider. Detmold,Maximilian-Verlag,1951? 40 p. (Lehrmeister-Bücherei 240) 94.21 Sa1

73889 SAFTENBERG, F. Unsere beerensträucher, rev. by J. Schneider. Detmold,Maximilian-Verlag,1951? 48 p. (Lehrmeister-Bücherei 231) 94 Sa1

73890 SOLDATOV, P., KHAIDARKULOV, G., and SMIRNOV, K. Seedless grapes of Samarkand Region. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):41-43. Sept. 1951. 95.8 V77

73891 SOLE CARALT, J. Viaje de estudios al mediodia francés: hibridos de la viña productores de vino. Inst. Agr. Catalán de San Isidro. Rev. 101:78-79. Apr.1952. 15 Sa5

73892 STOVER, L. H. Breeding has produced better grapes for Florida. Subtrop. Gard. 5(4):3,13-14. Feb. 1952. 80 Su13

73893 STREL'NIKOV, I. G. Effect of sucker removal on productivity of grapes. (In Russian.) Vinodel. i Vinograd. SSSR. 12:38-42. Jan.1952. 95.8 V77

73894 TARROUX, M. Relation d'un stage aux Etats-Unis. Tribune Agr. (n.s.)45(830):1. (Concl.) May 30, 1952. 24 T732
Grape culture.

73895 TIUTIUNIK, A. F. Development of the wintering buds of grapes in the middle area of U.S.S.R. (In Russian.) Vinodel. i Vinograd. SSSR. 12:42-45. Jan. 1952. 95.8 V77

73896 TRABALZINI, N. Green pruning of grapes. (In Italian.) Agr. Tosc. 7:197-198. June 1952. 16 Ag827

73897 VRYONIDES, P. New varieties of grapes. Countryman [Nicosia] 6(3):7-8. Mar.1952. 25 C83

73898 ZAKHAROV, A. S. Achievement of TSimlianskii State Farm; mass transplantation of fruit-bearing grapevines. (In Russian.) Vinodel. i Vinograd. SSSR. 11 (10):8-11. Oct.1951. 95.8 V77

73899 ZAPRIAGAEVA, V. I., GRINENKO, V. V., and BAZOVA, E. A. Dry-land grape culture in mountainous Tadzhikistan. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):36-38. Sept.1951. 95.8 V77

73900 ZUBIETIAN, P. A. Scientific-research work in grape culture and wine making in Armenia. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):55-57. Sept. 1951. 95.8 V77

Nuts

73901 AFANAS'EV, G. Manchu walnut [Juglans mandshurica] in Kostroma Region. (In Russian.) Lesn. Khoz. 4(9):88. Sept.1951. 99.8 L5622

73902 GELLATLY, J. U. Filazels. Nowest. Nut Bowl 3(10):5. May 1952. 94.68 N81
Selected filberts.

73903 HAMILTON, R. A., STOREY, W. B., and FUKUNAGA, E. T. Two new Macadamia nut varieties and an appraisal of the H.A.E.S. named varieties. Hawaii. Agr. Expt. Sta. C. 36,5 p. May 1952. 100 H313

73904 KESSLER, G. M. The Macadamia nut in Hawaii. Fruit Varieties & Hort. Digest 6:54-56. 1951, pub.Feb.1952. 80 F9464

73905 SERR, E. F. Current cultural problems of the walnut industry. West. Fruit Grower 6(7):24-25. July 1952. 95.8 G762

73906 VAN CLUTE, J. Black walnut farming. Org. Farmer 3(12):34-35,55-57. July 1952. 57.8 Or3

73907 VIEITEZ, E. Ensayos de reproducción vegetativa de hibridos de castaño (Castanea sativa Castanea crenata). An. de Edafología y Fisiol. Veg. 11:185-209. Ref. Mar./Apr.1952. 506 Sp12
English summary.

Shade Trees and Ornamental Plants

73908 ALPHEN, H. K. VAN. Burpee's new giant Zinnia. (In Dutch.) Huis en Hof 4:25-26. Feb.1952. 80 H87

73909 AMERICAN HORTICULTURAL SOCIETY. The Azalea handbook. Baltimore,Monumental Print. Co., 1952. 148 p. 97.31 Am34

73910 ANDREWS, W. S. Mechanics of Gladiolus breeding. Maine Gladiolus Soc. Glad Book, 1951:45,47, 50-51. 96.43 M28

73911 ASAKURA, K. Kusabana, kyukon to shukukon (The flowering plant, the bulb and the perennial root). Tokyo,Asakura Shoten,1951. 202 p. 96 As12

73912 ASAYAMA, E. Soka engei (Flower horticulture) Tokyo,Asakura Shoten,1951. 331 p. 96 As1

73913 ASKER, B. Humlegarden through the centuries. (In Swedish.) Trädgårdstidningen 24(6):9-12. June 1952. 80 T67

73914 ATKINS, P. Gardenias; fussy, but worth their care. Green Thumb [St. Petersburg] 2(6):16. Mar.1952. 80 G822

73915 AVERY, V. A. S. Performance of lilies in a New Jersey garden. No. Amer. Lily Soc. Lily Ybk. 5:37-40. 1952. 96.46 N81

73916 BAKER, P. V. Grow glads for profit. Nowest. Gard. & Homes 20(2):10-11. Apr.1952. 80 N813

73917 BANDINELLI, R. Floral chromatics. (In Italian.) Terra e Sole 118:202. June 1952. 16 T273
Color in planning the flower garden.

73918 BATE, A. Two of the rarer tulips. Natl. Hort. Mag. 31:157-159. Apr.1952. 80 N216

73919 BAYNES, A. Plants for beginners. 8. Succulents. IV. Natl. Cactus & Succulent J. 7:2. 1952. 450 N21

73920 BAZILEVSKAIA, N. A. Ornamental floriculture of U.S.S.R. (In Russian.) Sad i Ogorod 11:73-76. Nov.1951. 80 Sa13

73921 BEAHM, G. W. Flower study. Epiphyllums are more than just another red or white or pink. Epiphyllum Soc. Amer. B. 7:35. Apr.7,1952. 81 Ep4

73922 BEALE, J. H. The gardener and his shears. 5. How to prune vines. Home Gard. 20:48-49. July 1952. 80 H756

73923 BEALE, J. H. Pre-season pruning. Home Gard. 19(3):58-61. Mar.1952. 80 H756

73924 BELL, J. R. Grow Chrysanthemums the successful way; an early move for sturdy plants. Nurseryman & Seedsman 114:940-941. Mar.27,1952. 80 N933

73925 BENGTSSON-HELLGREN, A. 24 reliable perennials. (In Swedish.) Trädgardstidningen 24(6):15-18. June 1952. 80 T67

73926 BERG, B. Die füllung der blüten. Saatgut-Wirt. 4:66. Mar.1952. 61.8 Sa1

73927 BEWLEY, W. F. Carnations must crop better. Nurseryman & Seedsman 114:944-946. Mar.27,1952. 80 N933

73928 BIRDSALL, L. B. How to grow fancy Phlox. Pop. Gard. [Albany] 3(7):26,56-57. July 1952. 80 P812

73929 BLACKBURN, B. Japanese Stewartia. Pop. Gard. [Albany] 3(7):32-33,60. July 1952. 80 P812

73930 BLACKBURN, B. Plant for permanence, autumn Elaeagnus. Flower Grower 39(8):10,12. Aug. 1952. 80 M72

73931 BOOM, B. K. Regulation for nomenclature of cultivated plants. (In Dutch.) Weekbl. v. Bloembollencult. 62:400. June 13,1952. 80 W412

73932 BOUTARD, C. R. Room plants which trail and hang. Gard. Illus. 64:187-188. July 1952. 80 G169

73933 BRADBURY, L. Lilium humboldtii. No. Amer. Lily Soc. Lily Ybk. 5:97. 1952. 96.46 N81

73934 BRIGHAM, D. Aristocrats of Geraniums. Natl. Hort. Mag. 31:149-157. Apr.1952. 80 N216
With notes by B. Y. Morrison.

73935 BRIGHAM, D. Old friends, refreshingly new. Herbarist 18:24-26. 1952. 80 H41
Pelargonium varieties.

73936 BROEN, M. Decorando con flores ventanas y balcones se embellece la fachada de los edificios. Mundo Agr. 4(37):35-36,38. June 1952. 9 M92

73937 BROEN, M. Las enredaderas ponen una nota decorativa en casas y jardines y cubren deficiencias. Mundo Agr. 4(36):29-30,32. May 1952. 9 M92

73938 BROWN, J. R. Cotyledon pillansi. Cactus & Succulent J. 24:35-36. Mar./Apr.1952. 451 C11

73939 BRUGGEMAN, L. Pelargoniums. (In Dutch.) Vakbl. v. de Bloemisterij 7:166. May 9,1952. 80 V22

73940 BUTTRICK, S. Modern daylilies. Horticulture 30:264-265. July 1952. 80 H787

73941 CARBERY, J. L. Cymbidiums—from flask to flower. Orchid Digest 16:104-106. (Cont.) May/June 1952. 80 Or172

73942 CARLSON, E. My hobby is Fuchsias. Pop. Gard. [Albany] 3(7):27,43-45. July 1952. 80 P812

73943 CARNEVALE, J. A. Almácigos de coniferas. Pampa Argentina 25(291):4,24. Mar.1952. 9 P19

73944 CAVALLO, G. Se obtiene éxito en los víveros de álamos con buenas plantas y racionales cuidados. Mundo Agr. 4(37):49-51. June 1952. 9 M92

73945 CHEVALIER, C. Bégonias frutescents du groupe Corallina. Rev. Hort. 124:674-675. Mar./Apr. 1952. 80 R32

73946 CHEVALIER, C. Quelques fleurs de serre chaude. B. Hort. (n.s.)7:136-138. May 1,1952. 80 B873

73947 CHOPINET, R. Acacias introduits et cultivés dans les jardins méditerranéens. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:560-622. Ref. Oct./Dec.1951. 14 F8499A
English summary.

73948 CLARK, MRS. G. Lilies in a New Hampshire garden. No. Amer. Lily Soc. Lily Ybk. 5:42-43. 1952. 96.46 N81

73949 COLLARD, J. The flower exhibition at Brussels. (In Flemish.) Cult. en Handel 18:342-345. June 1952. 80 C892

73950 CONGER, S. L. Louisiana Irises. 4. Green Thumb [St. Petersburg] 2(6):7-9. Mar.1952. 80 G822

73951 CONNORS, C. H. The Iris Garden. N. J. Agr. Col. Ext. L. 81,4 p. May 1952. 275.29 N46L

73952 CRAN, M. Bedside Marion Cran, from the writings of Marion Cran. Introduced by Leonard Gribble. London,Jenkins,1951. 192 p. 90.52 C85

73953 CREECH, J. L. The genus Lycoris in the Mid-Atlantic States. Natl. Hort. Mag. 31:167-173. Apr.1952. 80 N216

73954 CROOKS, M. P. Multiflora-miracle or menace? W. Va. Conserv. 16(3):10-12. June 1952. 279.8 W524

73955 CROSBY, H. W. Cymbidium lowianum. Amer. Orchid Soc. B. 21:386-387. May 1952. 80 Am329

73956 DAMERIUS, W. Topfpflanzenkunde. Günzburg, Bonau-Verlag,1951. 192 p. 96.06 D18

73957 DANIELSSON, B. Advice on the planning of a garden. (In Swedish.) Trädgårdstidningen 24(7):5-6,27-28. July 1952. 80 T67

73958 DAVIS, C. W. The Louisiana native Iris. Subtrop. Gard. 5(3):3,15. Jan.1952. 80 Su13

73959 DE GRAAFF, J. Ten years with lilies. Flower Grower 39(8):28,58-59. Aug.1952. 80 M72

73960 DITTMAN, W. J. The North American Gladiolus Registry. No. Amer. Gladiolus Council. B. 30:27,29, 31. June 1952. 96.43 N81

73961 DOOLEY, G. Hybridizing notes. No. Amer. Gladiolus Council. B. 30:90-92. June 1952. 96.43 N81

73962 DOUMONT, L. Le genre Cuphea. B. Hort. (n.s.)7:139. May 1,1952. 80 B873

73963 DYER, R. A. The baobab of Africa—Adansonia digitata. Cactus & Succulent J. 24:67-69. May/June 1952 451 C11

73964 EDLIN, H. L. Town trees. Q. J. Forestry 46:153-161. July 1952. 99.8 Q2

73965 FARWICK, B. L. What can the gardener see in nature? (In Dutch.) Vakbl. v. de Bloemisterij 7:206. June 6,1952. 80 V22
Wildflowers for gardens.

73966 FELDMAIER, C. New hybrid lilies from Germany. No. Amer. Lily Soc. Lily Ybk. 5:68-70. 1952. 96.46 N81

73967 FISCHER, W. Grassamenmischungen für ausserlandwirtschaftliche nutzungen. Saatgut-Wirt. 4:56-57. Mar.1952. 61.8 Sa1

73968 FOSTER, R. Fast growing inflorescence. Bromeliad Soc. B. 2:17. Mar./Apr.1952. 451 B78

73969 FOX, H. M. Reminiscences about lilies. No. Amer. Lily Soc. Lily Ybk. 5:48-49. 1952. 96.46 N81

73970 FOX, V. H. Lilies in flower arrangement. No. Amer. Lily Soc. Lily Ybk. 5:102-106. 1952. 96.46 N81

73971 FOZZER, F. The seven larches. (In Italian.) Monti e Boschi 3:114. Mar.1952. 16 M76
Italy.

73972 FRANÇOIS, M. Décors exotiques et plantes d'aquariums. Colombes,Desseaux,1951. 241 p. 97.16 F84

73973 FRANKLIN, J. J., and RUSH, M. Variety test of garden Chrysanthemums at Auburn, Alabama for 1951. (Abs.) Assoc. South. Agr. Workers. Proc. 49:105-106. 1952. 4 C82

73974 FRASER, D. The last word on Zinnias. Golden Gard. 16(9):21-22. July 1952. 80 G56

73975 FREE, M. Perennial garden's first year. Home Gard. 19(3):10-14. Mar.1952. 80 H756

73976 FREE, M. Permanent edges are made—not grown. Home Gard. 20:44-47. July 1952. 80 H756

73977 GABLE, J. Eastern Rhododendron prospects. Amer. Rhododendron Soc. Q. B. 6:105-107. Apr.15,1952. 81 Am398

73978 GAGANOV, P. G. New varieties of perennial Phloxes. (In Russian.) Sad i Ogorod 11:77-80. Nov.1951. 80 Sa13

73979 GIBSON, A. G. C. Mountain gardens. Alpine Gard. Soc. Q. B. 20:13-21. Mar.1952. 84 AL6
In the Pyrenees, Dolomites and the Tyrol.

73980 GIRIDLIAN, J. N. Yellow calla [Zantedeschia elliottiana]. Golden Gard. 16(9):6-7. July 1952. 80 G56

73981 GLENNY, G. The Camellia japonica. 2. Camellia Rev. 13(7):13. Apr.1952. 97.31 So82

73982 GROSSMAN, J. Dwarf species of Rhododendrons. Amer. Rhododendron Soc. Q. B. 6:110-111. Apr.15,1952. 81 Am398

73983 GUERIN, B. C. DE. Plant treasures on the Channel Islands. Horticulture 30:270-271. July 1952. 80 H787

73984 HAGER, H. Thirty orchids for the amateur starting a small collection. Amer. Orchid Soc. B. 21:381-383. May 1952. 80 Am329

73985 HAISLIP, M. Hardy, fragrant, colorful Monardas. Home Gard. 20:12-14. July 1952. 80 H756

73986 HALL, H. Crassula falcata in South Africa. Natl. Cactus & Succulent J. 7:13. 1952. 450 N21

73987 HANCHEY, H. Saintpaulia tests. African Violet Mag. 5(4):22-31. June 1952. 80 Af8
Effects of artificial light.

73988 HANSEN, W. F. The ax for the road trees. (In Danish.) Gart.-Tid. 68:239-241. June 30,1952. 80 G192

73989 HELLYER, A. G. L. Delphiniums that are different. Country Life [London] 111:1912-1913. June 20, 1952. 80 C83

73990 HENNINGSEN, MRS. H. G. Gems of the rock garden. Golden Gard. 16(9):8-9. July 1952. 80 G56

73991 HERTEL, F. Die rose: königin der blumen. Minden/Westf.,Philler,1951? 80 p. 96.1 H44

73992 HETHERINGTON, E. E. Cypripediums in Southern California. Amer. Orchid Soc. B. 21:303-308. Apr.1952. 80 Am329

73993 HILLARY, C. C. Shrubs for the farm home. West. Austral. Dept. Agr. J. (ser.3)1:207-210. Mar./Apr. 1952. 23 W52J

73994 HJELDE, J. A very good hedge plant. (In Norwegian.) Norsk Hagetid. 68:116. June 1,1952. 80 N81
Ribes divaricatum.

73995 HOFF, S. Plant varieties in our nurseries. (In Norwegian.) Gartneryrket 42:414-415. June 7,1952. 80 G1938
Shrubs.

73996 HOSMER, T. L. A great family. Calif. Gard. 43:11-12. Spring 1952. 80 C127
Pelargonium.

73997 HOWELL, W. Lolium perenne, S.23 for sports grounds. Gard. Chron. 132(3417):4. July 5,1952. 80 G162

73998 HUGHES-GIBB, A. P. Interplanting of shrubs. Gard. Illus. 64:179. July 1952. 80 G169

73999 HULL, H. S. Wild flowers for summer. Flower Grower 39(8):25,39-41. Aug.1952. 80 M72

74000 INGRAM, C. Breeding new flowering cherries. Gard. Illus. 64:184-185. July 1952. 80 G169

74001 INSKIP, W. L. Lure of the lily. Flower Grower 39(8):26-27,55. Aug.1952. 80 M72

74002 ISAAC, C. E. Native or foreign in planting trees? Queensland Fruit & Veg. News 2(20):27-28. Mar.28,1952. 280.38 Q3

74003 ISHII, Y. Hana no eiri saibai (Flower growing for money). Tokyo,Seibundo Shinko Sha,1951. 294 p. (Eino Sosho (Collection of Agricultural Management)) 96.04 Is3

74004 JACOBI, E. F. Improvement of the sortiment of ornamental plants. (In Dutch.) Zaad-Bloem-en Bollenwereld 16:239. May 1952. 61.8 Z12

74005 JANES, E. R. My sweet peas. Guildford,Surrey,Eng.,MyGarden,1952? 28 p. 96.586 J25

74006 JANSE, J. A. Improvement of ornamentals. (In Dutch.) Huis en Hof 4:87-88. May 1952. 80 H87

74007 JANSE, J. A. Three centuries of growing succulents. (In Dutch.) Succulenta 2:31-32. Mar./Apr. 1952. 450 Su12

74008 JOHNSON, A. T. The gum Cistus. Roy. Hort. Soc. J. 77:246-252. July 1952. 84 L84J

74009 JOHNSON, A. T. A landscape in miniature. Gard. Illus. 64:180-181. July 1952. 80 G169

74010 JORGENSEN, MRS. G. M. When is a "lily not a lily"? No. Amer. Lily Soc. Lily Ybk. 5:119-120. 1952. 96.46 N81
Lilies of other genera than Lilium.

74011 KAMEMOTO, H., and NAKASONE, H. 1951 Chrysanthemum variety trial. Hawaii. Agr. Expt. Sta. Prog. Notes 79,8 p. May 1952. 100 H313P

74012 KAMMERER, E. L. The colorful Cornels (dogwoods). Morton Arboretum. B. Pop. Inform. 27:17-20. Apr.1952. 99.9 M84

74013 KELLER, A. Notes on Hawaiian orchids and their growers. Amer. Orchid Soc. B. 21:376-380. (Cont.) May 1952. 80 Am329

74014 KIERAN, J. An introduction to wild flowers. Garden City,N. Y.,Hanover House,1952. 77 p. 454 K54

74015 KLINE, E. L. Garden culture of our western native lilies. No. Amer. Lily Soc. Lily Ybk. 5:29-34. 1952. 96.46 N81

74016 KOPPESCHAAR, W. F., JR. Community gardens. (In Dutch.) Vakbl. v. de Bloemisterij 7:176. May 16,1952. 80 V22

74017 KORDES, W. Das rosenbuch, anzucht, pflege, verwendung der rose. Holzminden,Trowitzsch,1952. 184 p. 96.1 K84

74018 LAWRENCE, M. A. Good old Fuchsias. Nowest. Gard. & Homes 20(2):13-14. Apr.1952. 80 N813

74019 LIVINGSTON, A. Lilies in a Long Island Garden. No. Amer. Lily Soc. Lily Ybk. 5:35-37. 1952. 96.46 N81

74020 LOGAN, N. H. An experience in exhibiting lilies. No. Amer. Lily Soc. Lily Ybk. 5:70-72. 1952. 96.46 N81

74021 LOGAN, N. H. Sharing the lily. No. Amer. Lily Soc. Lily Ybk. 5:72-74. 1952. 96.46 N81

74022 LORD, E. L. Orphan fruit: the pitomba [Eugenia luschnathiana] in Florida. Subtrop. Gard. 5(2): 10. Nov./Dec.1951. 80 Su13

74023 LOVELOCK, B. Alpines from seed. Horticulture 30:286. July 1952. 80 H787

74024 MCCLINTOCK, E. Studies in California ornamental plants. 5. Calif. Hort. Soc. J. 13:71-78,80. Apr. 1952. 81 C1293

74025 MACDANIELS, L. H. Eastern American lilies. Flower Grower 39(8):29,48-49. Aug.1952. 80 M72

74026 MAGEL, L. A lily project in Illinois. No. Amer. Lily Soc. Lily Ybk. 5:46-48. 1952. 96.46 N81

74027 MAS, P. Jardins du XXe siecle. Jard. du Maroc. 37(156):13-21. First Q.1952. 87 So1

74028 MASSEY, A. B. Enjoy native plants through wise use. Va. Wildlife 13(5):16-17. May 1952. 410 V81

74029 MASTRANGEL, W. So ya wanna grow cactus. 2. Cactus & Succulent J. 24:47-48. Mar./Apr.1952. 451 C11

74030 MAYER, H. M. Growing native orchids in your gardens. Amer. Orchid Soc. B. 21:373-375. May 1952. 80 Am329

74031 MEARS, M. From seed to silver trophy. No. Amer. Lily Soc. Lily Ybk. 5:43-45. 1952. 96.46 N81

74032 MEIKLE, C. E. The men who developed our roses. Horticulture 30:234-235,247,250. June 1952. 80 H787

74033 MELIKHOV, P. S. Maple [Acer]—best species for ornamental planting in cities. (In Russian.) Lesn. Khoz. 4(10):35-38. Oct.1951. 99.8 L5622

74034 MENNINGER, E. A. The royal poinciana [Delonix regia] which really isn't a poinciana at all. Fairchild Trop. Gard. B. 7(7):3,12. Apr.1952. 451 F16B

74035 MEYER, C. F. Add color to your garden. Golden Gard. 16(9):27-28. July 1952. 80 G56
Begonias.

74036 MÖLLERSVÄRD, S. In the gardens of the Great Moguls. (In Swedish.) Trädgårdstidningen 24(7): 14-15,28-29. July 1952. 80 T67

74037 MORLING, R. Trees in towns. Town & Country Planning 20:317-322. July 1952. 98.58 T66
Damage to buildings by roots.

74038 MORRIS, J. C. Lilium rubellum. No. Amer. Lily Soc. Lily Ybk. 5:112. 1952. 96.46 N81

74039 MUELLER, C. H. Bulbs for autumn color. Flower Grower 39(8):32-33,41-42. Aug.1952. 80 M72

74040 MUSSER, H. B. Getting good grass. Canad. Florist 47(11):9,20-21. May 24,1952. 80 C163

74041 NEARING, G. G. Counter-observations on breeding Rhododendrons. Amer. Rhododendron Soc. Q. B. 6:94-99. Apr.15,1952. 81 Am398

74042 NEWMAN, T. Silver fir at Coryton, Devon. Q. J. Forestry 46:183-184. July 1952. 99.8 Q2

74043 NICHOLSON, R. A. Trends in varieties and growing. Canad. Florist 47(6):10-11,18-22. Mar.15, 1952. 80 C163

74044 NIEMAN, N. M. Those thorny things. Green Thumb [St. Petersburg] 2(6):4-5,26. Mar.1952. 80 G822
Cactus.

74045 NIKOLAEV, D. V. Rosa rugosa—into the shelterbelts. (In Russian.) Les i Step' 3(9):20-22. Sept. 1951. 99.8 L565

74046 NILSSON, A. Diana W:s, Saba W:s and Freja W:s, three new stocks of the brilliant-type for forcing. (In Swedish.) Agr. Hort. Genet. 9:97-106. 1951. 64.8 Ag8
English summary.

74047 NORTH, C. The growing of some flower seed crops. Natl. Inst. Agr. Bot. J. 6:72-85. 1951. 103 N21J

74048 NORTH AMERICAN GLADIOLUS COUNCIL. A selected list of Gladiolus varieties classified for show purposes, 1951. n.p.,1951. 20 p. 96.43 N81S

74049 NORTH AMERICAN LILY SOCIETY. Lily yearbook, 5, 1952, edited by G. L. Slate. Geneva,1952. 155 p. 96.46 N81

74050 NORTHEN, R. T. Growing your own seed. Amer. Orchid Soc. B. 21:390-394. May 1952. 80 Am329

74051 NUBOURGH, Y. Water in the garden. (In Flemish.) Cult. en Handel 18:326-332. June 1952. 80 C892

74052 OHIO. DEPT. OF NATURAL RESOURCES. DIV. OF FORESTRY. Plant Ohio today for tomorrow, by I. I. Dickman. Columbus,Ohio,1952. 8 p. 99.47 Oh3
Ornamental trees.

74053 OLSEN, A. Buddleia — butterflybush. (In Norwegian.) Norsk Hagetid. 68:83-88. May 1/15,1952. 80 N81

74054 PALMER, E. F. Some Lilium henryi hybrids. No. Amer. Lily Soc. Lily Ybk. 5:57-61. 1952. 96.46 N81

74055 PALMGÅRD, E. Labor saving measures in the garden. (In Swedish.) Kalmar Läns Norra Hushällsk. Kvrtlskr. 12:24-27. 1952. 11 K12

74056 PAREDES, A. F. Our native palms and their products. Agr. & Indus. Life 14(5):19,30,44. May 1952. 25 Ag8
Varieties in the Philippines.

74057 PATTERSON, C. F. Some results in using Lilium cernuum and L. regale as parents. No. Amer. Lily Soc. Lily Ybk. 5:63-67. 1952. 96.46 N81

74058 PEACOCK, F. M. Leucoium. Alpine Gard. Soc. Q. B. 20:39-40. Mar.1952. 84 AL6

74059 PFEIFFER, N. E. Early spring forcing of some lily hybrids. No. Amer. Lily Soc. Lily Ybk. 5:107-109. 1952. 96.46 N81

74060 PFEIFFER, N. E. The need for accurate data on dormancy. No. Amer. Lily Soc. Lily Ybk. 5: 110-112. 1952. 96.46 N81

74061 PIACCO, R. New varieties from artificial hybridization. (In Italian.) Riso 1(1):10-12. Feb.1952. 59.8 R49

74062 PISEK, A. Zur kenntnis der frosthärte alpiner pflanzen. Naturwissenschaften 39:73-78. Ref. Feb.15, 1952. 474 N213

74063 THE PORTABLE garden. Menlo Park,Calif., lane Pub. Co.,1952. 64 p. (A Sunset Book) 96.06 P83

74064 POWELL, E. C. A long flowering season. No. Amer. Lily Soc. Lily Ybk. 5:75. 1952. 96.46 N81

74065 PRICE, E. F. Propagation of the regal lily. No. Amer. Lily Soc. Lily Ybk. 5:106. 1952. 96.46 N81

74066 QUISUMBING, E. Coelogyne of the Philippines. Philippine Orchid Rev. 4(2):8-13. Oct.1951. 80 P53

74067 QUISUMBING, E. An unusual Sarcanthus. Philippine Orchid Rev. 4(2):3-5. Oct.1951. 80 P53

74068 RAALTE, D. VAN. Culture of stock. (In Flemish.) Cult. en Handel 18:339-341. June 1952. 80 C892

74069 REYNOLDS, G. W. Reminiscences of an Aloe enthusiast. Natl. Cactus & Succulent J. 7:14-16. 1952. 450 N21

74070 RHODES, P. C. Beautify your home grounds. New York,Homecrafts Pub.,1952. 90 p. 98 R34

74071 ROAN, H. M. Friends and succulents. Natl. Cactus & Succulent J. 7:8-10. 1952. 450 N21
Union of South Africa.

74072 ROBERSON, F. K. Sweet and low shrubbery keyed to the modern home. Nowest. Gard. & Homes 20(2): 12,30. Apr.1952. 80 N813

74073 ROBINSON, G. W. Some Chilean terrestrial orchids. Alpine Gard. Soc. Q. B. 20:31-34. Mar.1952. 84 AL6

74074 ROCKWELL, F. F., and GRAYSON, E. C. Seasonal highlights among the shadows. Home Gar. 19 (3):71-74. Mar.1952. 80 H756

74075 ROPER, G. D. Hedgerow timber, looking to the future. Q. J. Forestry 46:181-183. July 1952. 99.8 Q2

74076 ROTHMAN, A. D. Good lily bulbs and the goose that is to lay the golden egg. No. Amer. Lily Soc. Lily Ybk. 5:98-102. 1952. 96.46 N81

74077 ROWLEY, G. D. Succulents in the Bates' collection. 4. Haworthia marginata (Lem.) Stearn. Natl. Cactus & Succulent J. 7:7,16. 1952. 450 N21

74078 ROWNTREE, L. Nasturtiums—everywhere a gay garland! Home Gard. 20:42-43. July 1952. 80 H756

74079 ROWNTREE, L. Two lupins. Alpine Gard. Soc. Q. B. 20:62. Mar.1952. 84 AL6
Lupinus breweri and Lupinus torreyi.

74080 RUEHLE, G. D. Some ornamental trees and shrubs native to south Florida. Subtrop. Gard. 5(3):5,14. (Cont.) Jan.1952. 80 Su13

74081 RUNDLETT, E. Smaller trees for smaller homes. Staten Isl. Inst. Arts & Sci. Proc. 14:1-11. Spring 1952. 500 St2

74082 RUYS, M. C. H. Distribution of color in small gardens and borders. (In Dutch.) Huis en Hof 4:45-46. Mar.1952. 80 H87

74083 RYDER, W. E. Lilies that have failed with me. No. Amer. Lily Soc. Lily Ybk. 5:126-127. 1952. 96.46 N81
Missouri.

74084 SACKVILLE-WEST, V. Less familiar climbing roses. Gard. Illus. 64:178. July 1952. 80 G169

74085 SAYER, M. W., and BARNES, N. W. Daylilies [Hemerocallis] for every garden. Md. Gard. 6(3):3-4, 16-17. Mar.1952. 80 M362

74086 SCHARPFF, K. A. Låt blommorna tala [Let the flowers talk]. Mölndal,1951. 183 p. 96 Sch1

74087 SCHAUFLER, E. F. Perennials for a 4-H flower border. N. Y. Agr. Col. Ext. Cornell 4-H Club B. 96,16 p. Apr.1952. 275.29 N48Cn

74088 SCHNABEL, C. F. New Fuchsias out of the West. Home Gard. 20:62-68. July 1952. 80 H756

74089 SCHWEINFURTH, C. An orchid [Octomeria semiconnata n. sp.] jewel from the Peruvian jungle. Amer. Orchid Soc. B. 21:398. May 1952. 80 Am329

74090 SCOTT, A. The color-happy Begonia. Canad. Homes & Gard. 27(7):20-21,33. July 1952. 296.8 C16

74091 SENNELS. The new Cineraria. (In Danish.) Frø og Gart. 17:28-29. Summer 1952. 80 F92

74092 SENNELS, N. J. The extensive Primula malacoides experiments. (In Danish.) Frø og Gart. 17:23-26. Summer 1952. 80 F92

74093 SENNELS, N. J. Observations on Freesia culture. (In Norwegian.) Gartneryrket 42:459-461, June 28,1952. 80 G1938

74094 SHARPE, H. B. The Queen's Kenya garden. Country Life [London] 112:108-112. July 11,1952. 80 C83

74095 SHENDERETSKIĬ, É. I. Experiment in developing Gladiolus which winter in the ground. (In Russian.) Agrobiologiia 2:134-137. Mar./Apr.1952. 20 Ag822

74096 SHEWELL-COOPER, W. E. Propagate Pyrethrums now! Fruit-Grower 2947:1142. June 19,1952. 80 F941
Chrysanthemum cinerariaefolium.

74097 SHIMIZU, M. Tatsuta-Yuri (Lilium batemanniae Hort. Wallace). No. Amer. Lily Soc. Lily Ybk. 5: 88-93. 1952. 96.46 N81

74098 SHIMIZU, M. Uke-Yuri and Tamoto-Yuri (Lilium alexandrae Wallace and L. nobilissimum Makino). No. Amer. Lily Soc. Lily Ybk. 5:79-87. 1952. 96.46 N81

74099 SLATE, G. L. The Seneca lily. No. Amer. Lily Soc. Lily Ybk. 5:93-94. 1952. 96.46 N81

74100 SLAVIN, B. H. Three new species of Amelanchier. Natl. Hort. Mag. 31:161-166. Apr.1952. 80 N216

74101 SMITH, P. B. Rhododendrons for everyone. Pop. Gard. [Albany] 3(7):24-25,48-51. July 1952. 80 P812

74102 SMITH, S. H. The five lady's-slippers of New York. N. Y. State Conserv. 6(6):5. June/July 1952. 279.8 N48

74103 STENERSEN, S. Terrace forming at Akersborg Terrace. (In Norwegian.) Norsk Hagetid. 68: 114-116. June 1,1952. 80 N81

74104 STEVENSON, V. How fashions are changing in the flower market. Grower [London] 38:26-27. (Cont.) July 5,1952. 286.83 M34

74105 STEWART, J. D. A new hybrid lily — Chief Red Cloud. No. Amer. Lily Soc. Lily Ybk. 5:74. 1952. 96.46 N81

74106 STEWART, R. N. Illustrated supplement to "How to grow lilies from seed." No. Amer. Lily Soc. Lily Ybk. 5:52-56. 1952. 96.46 N81

74107 STOKES, W. E. Experiences with trumpet lilies. No. Amer. Lily Soc. Lily Ybk. 5:40-41. 1952. 96.46 N81
Hybrids.

74108 STRAUSS, J. L. Notes for tomorrow's Dahlia fan. Home Gard. 19(3):32-34. Mar.1952. 80 H756

74109 STURGEON, W. Hybrids -- by guess or by gosh. No. Amer. Lily Soc. Lily Ybk. 5:116-119. 1952. 96.46 N81

74110 TAMM, R. K. On early-spring, bulbous, flowering plants. (In Russian.) Sad i Ogorod 12:64-65. Dec.1951. 80 Sa13

74111 TAUDEVIN, C. H. Eucalyptus, the hardy varieties. Hort. Adv. 3602:8-9. May 14,1952. 84 H782

74112 TAYLOR, J. C., and SHOEMAKER, J. S. Lawns. Ontario. Dept. Agr. B. 448,rev.,36 p. Apr.1952. 101 On8B

74113 THWING, W. E. Habenarias in nature's flower garden. Home Gard. 19(3):36-40. Mar.1952. 80 H756

74114 TIEMANN, O. R. Lilium cernuum. No. Amer. Lily Soc. Lily Ybk. 5:96. 1952. 96.46 N81

74115 TORREIRO, R. La orquidea: leyenda exótica convertida en realidad Argentina. Pampa Argentina 25 (293):6-7,39. May 1952. 9 P19

74116 TRITENBACH, P. To grow or not to grow lilacs. Pacific Coast Nurseryman 11(5):15,40-41. May 1952. 80 P116

74117 UITEWAAL, A. J. A. Two noted Haworthias. (In Dutch.) Vakbl. v. de Bloemisterij 7:174. May 16,1952 80 V22

74118 U. S. PATENT OFF. Plant patents. 4 Nos. 1952. 156.65 P69
Contents: 1101. Schilt, J. G. Chamaelaucium plant. 1 p., 1 col.pl. June 3; 1102. Hahn, W. S. Ivy plant. 1 p.,1 pl. June 10; 1103. Swim, H. C. Rose plant. 3 p.,1 col.pl. June 10; 1104. Armstrong, J. A. Rose plant. 1 p.,1 pl. June 10.

74119 UNWIN, C. W. J. Sweet peas; their history, development, culture. Ed. 3. Cambridge,Heffer,1952. 180 p. 96.586 Un9

74120 VAN LOON, N. R. Get more from peonies. Flower Grower 39(8):34-35,43-45. Aug.1952. 80 M72

74121 VAN MELLE, P. J. How to bring shrubs to the fore. Home Gard. 19(3):16-20. Mar.1952. 80 H756

74122 VICK, R. The judging standards for awards. Austral. Orchid Rev. 17:11-12. Mar.1952. 80 Au73

74123 VOSS, J., and EIFERT, V. S. Illinois wild flowers. Ill. State Mus. Pop. Sci. Ser. 3,256 p. 1951. 500 IL63P

74124 WATKINS, J. V. Propagation of ornamental plants. Fla. Agr. Col. Ext. B. 150,56 p. Apr.1952. 275.29 F66

74125 WEAVER, L. A. Trends in new daffodils. Flower Grower 39(8):53-57. Aug.1952. 80 M72

74126 WEISS, F. A. How to grow good roses. Home Gard. 19(3):52-57. Mar.1952. 80 H756

74127 WELLS, A. Q. Some Majorcan endemics. Alpine Gard. Soc. Q. B. 20:21-31. Mar.1952. 84 AL6

74128 WHITE, D. B. Sidelights on shrub roses. Horticulture 30:269,287. July 1952. 80 H787

74129 WILCOX, E. C. Cypripedium observations. Orchid Digest 16:119-121. May/June 1952. 80 Or172

74130 WILLIAMS, P. Epiphyllums. Calif. Gard. 43: 13-14. Spring 1952. 80 C127

74131 WINTERS, H. F. Daylily variety trials in Puerto Rico. Natl. Hort. Mag. 31:180-185. Apr.1952. 80 N216

74132 WRIGHT, P. H. Moose Range lilies in 1951. No. Amer. Lily Soc. Lily Ybk. 5:50-51. 1952. 96.46 N81
Canada.

74133 WYSONG, N. B. Can arboriculture solve its current problems? Arborist's News 18:29-35. Apr. 1952. 99.8 Ar14

Vegetable and Truck Crops (Including Potatoes)

74134 ANDERSSON, G. Svalöfs Gute summer turnip rape. (In Swedish.) Sveriges Utsädesför. Tidskr. 62:9-15. 1952. 61.9 Sv23
English summary.

74135 APP, F. The luxury loving asparagus crop. N. J. State Hort. Soc. Hort. News 33:2516-2517. May 1952. 81 N46

74136 ARRONIZ, C. Coles y repollos. Balearic Isl. Diputación Prov. B. de Agr. 91:13-16. Apr.1952. 15 B19

74137 AXELSSON, F. Comet Weibulls/51 eine neue blumenkohlsorte für das treibhaus. Agr. Hort. Genet. 9: 139-153. 1951. 64.8 Ag8
English summary.

74138 BALLOT, and others. Études sur la pomme de terre. Morocco. Serv. de l'Hort. P. 8,82 p. Mar.1952. 87 M82
Baudet, Bouhelier, G. Cuenot, Praloran, and Tecourt, joint authors.

74139 BAUDET, and others. Etudes sur la patate douce. Morocco. Serv. de l'Hort. P. 6,79 p. Dec.1951. 87 M82
Bouhelier, Coves, G. Cuenot, Elant, and Praloran, joint authors.

74140 BEINKE. Pflegemassnahmen bei unseren hackfrüchten. Landwirtbl. Weser-Ems 99:485-486. May 15,1952. 18 L2345

74141 BUTLER, A. N. L., and KERR, E. A. Tomatoes for processing. Ontario Dept. Agr. B. 491,41 p. May 1952. 101 Cn8B

74142 CAIRASCHI, E. A., and CARTON, H. Nouvelles recherches sur les conditions de production des plants de pommes de terre sélectionnés en France. Paris, Fédération Nationale des Producteurs de Plants de Pommes de Terre,1951. 27 p. 75 C122N

74143 CARACAS. INSTITUTO AGRARIO NACIONAL. Chirgua: producción de papas. Caracas,1952. folder. 75 C17

74144 CESAR, H. P. Culture of the watermelon in small gardens. (In Italian.) Solo 42(89):5-7. Jan./Feb. 1952. 9.2 So4

74145 COCHRAN, F. D. Methods of breeding shallots. (Abs.) Assoc. South. Agr. Workers. Proc. 49:109. 1952. 4 C82

74146 CONTACTGROEP OPVOERING PRODUCTIVITEIT. De aardappel in de Verenigde Staten; rapport Studiegroep Landbouw [The potato in the United States; report of the Agricultural Study Group]. n.p.,1951? 158 p. 75 C76
English summary.

74147 COVINGTON, H. M. Sweet potato manual for 4-H Club members. N. C. Agr. Col. Ext. Club Ser. 49, rev.,6 p. Feb.1951. 275.29 N811C

74148 CREHU, G. DU. Réaction des variétés de haricot grain aux différentes techniques de semis. France. Inst. Natl. de la Rech. Agron. Ann. Sér. B, Ann. de l'Amélior. des Plantes 1:408-433. July/Sept.1951. 14 F8499A

74149 DAVIS, L. E. Harvesting canning tomatoes. Food Packer 33(7):50,58,60. July 1952. 286.83 C165

74150 DAWE, T. C. R. Commercial vegetable growing in the Pukekohe district. New Zeal. J. Agr. 84:301,303-304. Apr.1952. 23 N48J

74151 ELIASSON, A. Growing vegetables for the farm home. (In Swedish.) Mjölkpropagandan 29:110-111. Apr.1952. 44.8 M692

74152 EMILSSON, B., and GUSTAFSSON, N. Vine killing—an important novelty in potato growing. (In Swedish.) Svensk Jordbrforsk. 1951:60-68. 11 J763

74153 FERREE, R. J., SCHILLETTER, A. E., and NETTLES, W. C. Fall tomatoes. N. Y. Agr. Col. Cornell Ext. C. 354,rev.,8 p. May 1952. 275.29 So8E

74154 FISCHER, G. Treibkartoffelbau bringt vorteile Tech. f. Bauern u. Gärt. Ausg. A 4:219-220. May 25,1952. 58.8 T223

74155 FRASER, H. Planting now for winter crops. Gard. Illus. 64:186. July 1952. 80 G169

74156 FREIDMAN, S. M. For further advancement of vegetable culture in Rostov District, Yaroslavl Region. (In Russian.) Sad i Ogorod 11:42-44. Nov.1951. 80 Sa13

74157 GAASTRA, P. Storage of seed beets in air cooled pits and in cool rooms. (In Dutch.) Zaadbelangen 6:116-117. May 31,1952. 61.8 Z1

74158 GELOSO, A. R. Early and maincrop asparagus. Grower [London] 38:33,35. July 5,1952. 286.83 M34
Culture.

74159 GILLARD, S. O. Cauliflower culture. New Zeal. J. Agr. 84:385,387,389-390. May 1952. 23 N48J

74160 GIORGADZE, N. P. Vegetable culture on the collective farms in Georgian SSR. (In Russian.) Sad i Ogorod 11:40-42. Nov.1951. 80 Sa13

74161 GORSHKOV, Z. I. Cauliflower culture in Mordovskaía ASSR. (In Russian.) Sad i Ogorod 12:40-42. Dec.1951. 80 Sa13

74162 GRAHN, B. An experiment in planting potatoes. (In Swedish.) Växt-Närings-Nytt 8(6):6-10. June 1952. 57.8 V47

74163 GROSZMANN, H. M. Pulse crops (beans and peas). Queensland Agr. J. 74:249-263. May 1952. 23 Q33
Varieties and culture.

74164 HALL, J. Vegetable growing—an exciting business! Amer. Agr. 149:417,424-425. July 19,1952. 6 Am3

74165 HAWKES, J. G. Cinco conferencias sobre el mejoramiento de la papa. Venezuela. Inst. Nac. de Agr. B. Téc. 1,53 p. June 1951. 9.95 M32

74166 HEPLER, J. R., and ELLIS, E. E. Asparagus in New Hampshire—its culture and uses. N. H. Agr. Col. Ext. B. 105,14 p. May 1952. 275.29 N45

74167 HEPLER, J. R. Growing vegetables at home. N. H. Agr. Col. Ext. B. 104,30 p. Apr.1952. 275.29 N45

74168 HERTEL, F. Spargelbau. Minden (Westf.) Philler,1951. 47 p. 91.41 H44

74169 HOME GROWN THRESHED PEAS JOINT COMMITTEE. Dried pea seed approval scheme, 1951 harvest: report on field inspection and grading scheme for home grown seed. Peterborough,1951. 11 p. 60.39 H75Hg

74170 HYLMO, B., and OTTOSSON, L. Efficient spinach culture. (In Swedish.) Svensk Jordbrforsk. 1951: 74-75. 11 J763

74171 JANES, E. R. My tomatoes. Guildford,Surrey Eng.,My Garden,1952? 29 p. 91.58 J25

74172 JOHNSTONE, F. E., JR. Observation of a Japanese seedless watermelon. (Abs.) Assoc. South. Agr. Workers. Proc. 49:108-109. 1952. 4 C82

74173 JONES, T. H., and SHOEMAKER, J. S. Exhibiting and judging vegetables. Ontario. Dept. Agr. B. 488, 31 p. Apr.1952. 101 On8B

74174 KAMENSKAÍA, A. I. Adaptation of cauliflower seed production on the vegetable-growing collective farms in Moscow Region. (In Russian.) Sad i Ogorod 12: 36-40. Dec.1951. 80 Sa13

74175 KHAÍKINA, R. ÍA. Greenhouse-hotbed combine. (In Russian.) Sad i Ogorod 11:47-51. Nov.1951. 80 Sa13
Vegetable culture.

74176 KLEINE, A. P. DE. Reflections on the culture of lettuce under glass in the winter 1951-1952. (In Dutch.) Groenten en Fruit 7:969. June 12,1952. 80 G89

74177 KRISPIN, S. Grafting of tomatoes on Solanum nigrum. (In Hebrew.) Hassadeh 32:233-234. Feb.1952. 26 H27

74178 KUZNETSOV, P. E. Manchurian watermelons. (In Russian.) Sad i Ogorod 11:61-62. Nov.1951. 80 Sa13

74179 LANE, G. H., and SCHAAL, L. A. New chemical treatments for potatoes prove successful in recent tests. New Agr. 34:21-22. Mar./May 1952. 66.8 Su32

74180 LAUGHLAND, J. Turnip production, proper thinning pays. Ontario Crop Impr. Assoc. Addresses & Proc. 15:182-183. 1952. 64.9 On83

74181 LOADS, F. W. Tomato culture by modern methods. London,Pearson,1952. 174 p. 91.58 L78

74182 LYON, A. G., and HOWARD, H. W. Science and watercress growing. Gt. Brit. Min. Agr. Agriculture 59:123-128. June 1952. 10 G79J
Includes the composition of waters used for irrigation.

74183 MANIO, M. M. Growing watermelon is profitable. Gard. & Farm 1(5):16-17,38. (Cont.) Nov.1951. 25 G16

74184 MARTINI. Zur förderung der kartoffelerzeugung. Württemb. Wchnbl. f. Landwirt. 119:537-538. June 14,1952. 18 W96
Varieties.

74185 MAURICE, I. Lafontaine seed potato restricted area. Ontario Crop Impr. Assoc. Addresses & Proc. 15: 174. 1952. 64.9 On83

74186 MEWISSEN, F. Une culture à développer, le concombre à cornichons. B. Hort. (n.s.)7:148-150. May 1,1952. 80 B873

74187 NICOLAISEN, N. Unsere gemüsesorten. Saatgut-Wirt. 4:54-55. (Cont.) Mar.1952. 61.8 Sa1

74188 NIXON, L. New trend in potato cultivation. Guide Post 30(6):3-8. June 1952. 75.8 G94

74189 ODLAND, M. L., and NOLL, C. J. Vegetable variety trials, 1951. Pa. Agr. Expt. Sta. Prog. Rpt. 67, 12 p. Mar.1952. 100 P381P

74190 OGNEV, I. M. Spring and late-autumn planting of tomato seeds in the ground. (In Russian.) Sad i Ogorod 12:42-44. Dec.1951. 80 Sa13

74191 OKLAHOMA. AGRICULTURAL EXPERIMENT STATION. Progress report for 1952, Oklahoma Vegetable Research Station. Okla. Agr. Expt. Sta. Mimeog. C. M-236,8 p. June 1952. 100 Ok4M

74192 ORMAN, A. C. Vegetable oddities. Queensland Fruit & Veg. News 2(18):2-3. Mar.21,1952. 280.38 Q3
Gourds and legumes.

74193 PERSSON, A. R. Growing melons in small gardens. (In Norwegian.) Kolonihagen 22:66-69. Apr./May 1952. 80 K83

74194 PIOVANO, A. P. La lechuga, el cultivo hortícola mas popular. Pampa Argentina 25(293):12-13. May 1952. 9 P19

74195 PIOVANO, A. P. Variedades industriales de hortalizas. Chacra 22(260):32,55. July 1952. 9 C34

74196 RADUGIN, P. A. Urgent problems of suburban potato culture. (In Russian.) Sad i Ogorod 11:67-69. Nov.1951. 80 Sa13

74197 RAPHAEL, T. D. Notes on the cultivation and marketing of brussel sprouts. Tasmanian J. Agr. 23: 165-173. May 1952. 23 T182T

74198 RAYMOND, L. C. The Laurentian variety of swedes. Ontario Crop Impr. Assoc. Addresses & Proc. 15:190-194. 1952. 64.9 On83

74199 RETSON, G. C., and EATON, E. S. Recent changes in potato varieties grown in Prince Edward Island. Econ. Annal. 22:69-72. June 1952. 281.8 Ec72

74200 ROCKWELL, F. F. Better vegetables are the payoff: prepare now for the harvest. Home Gard. 19(3): 28-31. Mar.1952. 80 H756

74201 ROHDE, E. S. Uncommon vegetables and fruits; how to grow and how to cook. Ed. 2, rev. London, Country Life,1951. 102 p. 91 R63

74202 RUDORF, W., and ROSS, H. Grundlagen der kartoffelzüchtung. Züchter 22:119-127. Ref. 1952. 442.8 Z8

74203 RUHNKE, G. N. Progress in the potato research program. Ontario Crop Impr. Assoc. Addresses & Proc. 15:128-140. 1952. 64.9 On83
Includes marketing research.

74204 SANDERSON, M. V. Cucumbers for the small garden. Mr. Chase's Cloche Gard. Notes 11:76-78. May 1952. 80 M69

74205 SARAZIN, A. The cultivated mushroom. 2-3. MGA Bulletin 29:143-145,163-165. May-June 1952. 80 M97

74206 SCHECK, H. Einiges über das amerikanische saatgutwesen. Saatgut-Wirt. 4:52-53. (Concl.) Mar. 1952. 61.8 Sa1
Vegetable varieties.

74207 SCHERMERHORN, L. G. New rhubarb variety looks promising. N. J. State Hort. Soc. Hort. News 33: 2513,2528. May 1952. 81 N46

74208 SCHLEUSENER, W., and GOERLITZ, H. Über den einfluss verschiedener anbaumethoden auf ertrag und pflanzgutwert der kartoffel. Züchter 22:127-134. 1952. 442.8 Z8

74209 SCHULZE. Forschungsarbeit am kartoffelpflanzgut. Landbforsch. Völkenrode 1:27-31. Oct.1951. 18 L2353
Germany.

74210 SEELIG, R. A. Fruit and vegetable history: green peas. Fruit & Veg. Rev. 14(2):12-13. May 1952. 80 C1224

74211 SHUL'GA, M. S. New varieties of peas of Uladovo-Lîulinefskaîa Experiment-Breeding Station. (In Russian.) Selek. i Semen. 19(2):49-52. Feb.1952. 61.9 Se5

74212 SIDDIQI, M. A note on cabbage and cauliflower growing. Allahabad Farmer 26:44-48. Mar.1952. 22 AL5

74213 SMITH, C. W. Vegetable growing in South Africa. Ed. 2. Cape Town,Cent. News Agency,1951. 173 p. 91.15 Sm5

74214 SOROKIN, I. I., and CHULKOVA, V. S. Practices [at Otradnoe Sovkhoz in Stalingrad Region] for obtaining high yields of vegetables. (In Russian.) Sad i Ogorod 11:52-55. Nov.1951. 80 Sa13

74215 STEINECK, O. Untersuchungen über die keimhemmende wirkung von α-naphthylessigsäuremethylester auf kartoffelknollen. Bodenkultur 6:55-60. 1952. 19 B635

74216 STEINECK, O. Das vorkeimen von saatkartoffeln. Bauer 5(9):6-7. Mar.1,1952. 19 B32

74217 STEPANOVA, M. IA. From the practices of leading collective farms in growing selected cabbage seeds. (In Russian.) Sad i Ogorod 12:33-36. Dec.1951. 80 Sa13

74218 STICHTING NEDERLANDSE UIEN-FEDERATIE. Uien [Onions], 1952. Netherlands. Rinst. v. Rassenonderz. van Landbgewassen. Ber. over Rassenkeuze 120, 3 p. Mar.1952. 64.9 W12

74219 STOREY, I. F. This fungus [Truffles] is almost heat resistant. Grower [London] 37:1341,1343. June 14,1952. 286.83 M34

74220 SVINTSOV, I. T. Practices for obtaining high yields of potatoes and vegetables. (In Russian.) Sad i Ogorod 11:71-72. Nov.1951. 80 Sa13

74221 THOMAS, W. O. Development of better bean varieties objective of long-range breeding program. Miss. Farm Res. [Miss. Sta.] 15(5):5. May 1952. 100 M69Mi

74222 TREBUCHET, G. Une tomate résistant au froid. Rev. Hort. 124:693. Mar./Apr.1952. 80 R32

74223 UBALDI, L. A profitable crop for mountain regions: the potato. (In Italian.) Monti e Boschi 3:115-119. Mar.1952. 16 M76
English summary.
Culture and importance.

74224 UYLENBURG, N. G. Spinach varieties. (In Dutch.) Groenten en Fruit 7:975. (Cont.) June 12,1952. 80 G89

74225 VESELOVSKII, I. A., and IAZOVSKIKH, T. A. Advancement of potato culture into the subtropical area of U.S.S.R. (In Russian.) Sad i Ogorod 11:69-70. Nov. 1951. 80 Sa13

74226 VINTAIKIN, Z. P., and POZDNIAKOVA, N. P. On the effectiveness of check-hill planting of potatoes. (In Russian.) Sad i Ogorod 12:48-50. Dec.1951. 80 Sa13

74227 VINTAIKIN, Z. P. Potato culture during the 34 years of the Soviet Power. (In Russian.) Sad i Ogorod 11:63-66. Nov.1951. 80 Sa13

74228 WENZL, H., and DEMEL, J. Untersuchungen über den pflanzgutwert fadenkeimiger kartoffelknollen. Bodenkultur 6:41-54 p. Ref. 1952. 19 B635

74229 WHITESIDE, H. W., and HACKETT, G. Good seed is basic—it pays. Ontario Crop Impr. Assoc. Addresses & Proc. 15:169-174. 1952. 64.9 On83
Potatoes.

74230 WILSON, I. S. Cauliflower heads; conditions affecting quality. Queensland Fruit & Veg. News 2(18): 6. Mar.21,1952. 280.38 Q3
Culture.

74231 YOUNG, L. C. The Keswick and Canso potatoes. Ontario Crop Impr. Assoc. Addresses & Proc. 15: 144-147. 1952. 64.9 On83

74232 ZELEN'KO, V. K. Prospects for developing vegetable culture in the valley of Irpen River [Kiev Region]. (In Russian.) Sad i Ogorod 11:44-47. Nov.1951. 80 Sa13

WEEDS AND POISONOUS PLANTS

74233 ALLEN, H. When a new ley is impossible. Farmers Wk. [London] 36(26):75,77. June 27,1952. 10 F2226
Use of selective weed-killers to renovate an old pasture.

74234 AROLA, V. A. My fight against weeds. (In Finnish.) Teho 4:160-163. 1952. 20 T98
English summary.
Use of chemicals.

74235 BAIGENT, C. H. The control of weeds in field crops. Natl. Weeds Conf. New Zeal. Proc. 4:59-62. 1951. 79.9 N213

74236 BASTIN, H. Plants beyond control. Discovery 13:161-162. May 1952. 472 D63
Weeds.

74237 BELLUE, M. K. Virgate starr thistle, Centaurea virgata var. squarrosa (Willd.) Boiss. in California. Calif. Dept. Agr. B. 41:61-63. Apr./June 1952. 2 C12M

74238 BEVERIDGE, W. M. Juniper control. Ariz. Cattelog 7(7):52-56. Mar.1952. 43.8 Ar42

74239 BRACHMANN, E. G. Unkrautbekämpfungsmittel auf "hormonbasis"—ihr wesen und wirken. Übersicht 3(5):55-58. May 1952. 18 Ub3

74240 BRODIE, R. N. Variegated thistle - aerial spraying in Hawke's Bay. Natl. Weeds Conf. New Zeal. Proc. 4:30-32. 1951. 79.9 N213

74241 BURGESS, A. C. Surface sowing trial - North Taranaki. Natl. Weeds Conf. New Zeal. Proc. 4:46-48. 1951. 79.9 N213
Weed control in pastures.

74242 CAREW, J. Chemical weeding of vegetables. N. Y. Agr. Col. Cornell Ext. B. 769,rev.,18 p. June 1952. 275.29 N48E

74243 CHRISTENSEN, C. Chemical control of tree lupin. Natl. Weeds Conf. New Zeal. Proc. 4:63-64. 1951. 79.9 N213

74244 COCK, R. E. Some cruciferous weeds. Tasmanian J. Agr. 23:174-177. May 1952. 23 T182T
Sinapis arvensis, Raphanus raphanistrum, and Brassica compestris.

74245 COHEN, G. Low volume spraying for the control of weeds in vetch & peas. (In Hebrew.) Hassadeh 32: 222-223. Feb.1952. 26 H27

74246 COHEN, G. Oil fortified by D-2,4 ester for the control of the common reed. (In Hebrew.) Hassadeh 32:297-298. Mar.1952. 26 H27

74247 COOK, S. Can chemicals weed your garden? S. Dak. Farm & Home Res. [S. Dak. Sta.] 3:68-71. Spring 1952. 100 So82S

74248 COOPER, P. Poisoning by umbelliferous plants. Pharm. J. 169:(4627):18. July 5,1952. 396.8 P49
Human poisoning.

74249 CRAWFORD, K. B. Problems in line clearing. Rur. Electrif. 10(10):28,60. July 1952. 335.8 N21

74250 CROSS, C. E. Weeds of the Massachusetts cranberry bogs. I. The grasses. Mass. Agr. Expt. Sta. B. 463,55 p. Apr.1952. 100 M38H

74251 CROWE, S. M. Weed control. Mr. Chase's Cloche Gard. Notes 11:73-76. May 1952. 80 M69

74252 CRUZ, R. D'. A note on the control of scums in the paddy fields. Poona Agr. Col. Mag. 42:265. Feb. 1952. 22 P79

74253 DANIELSON, L. L. Strawberry weeding. Plants & Gard. 8:51-52. Spring 1952. 450 P694

74254 DEFRANCE, J. A., and SIMMONS, J. A. Weed-free turf seedbeds. Research [R. I. Sta.] 2:44-45. Spring 1952. 100 R34R
Use of calcium cyanamide.

74255 DOMINGUEZ MARTIN, J. Notas sobre un método de limpieza de matorral. Agricultura [Madrid] 21:262-265. May 1952. 15 Ag84

74256 DUNCAN, A. A. Thistle - experimental work in chemical control. Natl. Weeds Conf. New Zeal. Proc. 4:33-35. 1951. 79.9 N213

74257 DYE, O. Missouri farmers take a second look at chemical brush control methods. Rur. Elect. Missourian 5(6):3,11. June 1952. 335.8 R886

74258 ENGEL, R. E. Research big need on Poa annua chemical control. Golfdom 26(3):64,66. Mar.1952. 60.18 G58

74259 ENGEL, R. E., and AHLGREN, G. H. Weed-free lawns. Plants & Gard. 8:42-45. Spring 1952. 450 P694

74260 ENNIS, W. B., JR. Some physiological aspects of selective herbicidal action. (Abs.) Assoc. South. Agr. Workers. Proc. 49:174-175. 1952. 4 C82

74261 EVANS, M. Knowing poisonous plants. Horticulture 30:274-276. July 1952. 80 H787

74262 FALLIS, K. E. Possibilities of chemical weed control in turnips. Ontario Crop Impr. Assoc. Addresses & Proc. 15:185-187. 1952. 64.9 On83

74263 FENAROLI, L. Una nuova avventizia, infestante le risaie (Ottelia alismoides Pers.) [A new weed of the rice fields (Ottelia alismoides Pers.). Sta. Sper. di Maiscolt. P. Sup. (n.s.)6,9 p. Ref. 1952. 105.4 B453
English summary.

74264 FISHER, C. E., and others. Mesquite control, cooperative ranch tests, 1950-51. Tex. Agr. Expt. Sta. Prog. Rpt. 1465,10 p. May 27,1952. 100 T31P
W. M. Phillips, C. H. Meadors, Jr., R. A. Darrow, and W. G. McCully, joint authors.

74265 FROIER, K., and ZIENKIEWICZ, H. Results from continued experiments with weed-killing chemicals in fibre flax, conducted at the flax laboratory in Svalöf and at the flax factory in Laholm. (In Swedish.) Lin 6: 33-43. May 1952. 73.18 L63
English summary.

74266 GARDINER, G. Spraying of blackberry in North Taranaki. Natl. Weeds Conf. New Zeal. Proc. 4: 18-19. 1951. 79.9 N213
Includes discussion.

74267 GARDNER, C. A., and BENNETTS, H. W. Poison plants of Western Australia; toxic plants of the genus Isotropis. West. Austral. Dept. Agr. J. (ser.3)1: 219-221,223-226. Mar./Apr.1952. 23 W52J

74268 GÉNIN, G. L'emploi des produits chimiques dans la lutte contre les mauvaises herbes. Indus. Chim. 39:161-164. Ref. June 1952. 383 In2

74269 GORDON, D. V. Control of weeds in drains. Natl. Weeds Conf. New Zeal. Proc. 4:20-21. 1951. 79.9 N213

74270 GREEN, K. R., and DAWSON, G. T. Cape tulip, Homeria spp. Agr. Gaz. N. S. Wales 63:170-172. Apr. 1,1952. 23 N472

74271 HAMBLYN, C. J. Gorse - chemical control trials. Natl. Weeds Conf. New Zeal. Proc. 4:3-6. 1951. 79.9 N213

74272 HARTOGENSIS, H. Here's how to keep your lines cleared with chemical sprays. Co-op. Power 9(6): 12-13,22. June 1952. 335.8 C78

74273 HAVIS, J. R. Comments on selective herbicides for kale and broccoli. Weeds 1:189. Jan.1952. 79.8 W41

74274 HEMPHILL, D. D., MURNEEK, A. E., and SMITH, J. E., JR. Chemical weed control in horticultural crops. Mo. Agr. Expt. Sta. B. 568,28 p. Mar.1952. 100 M693

74275 HITCHCOCK, A. E. Poison-ivy and ragweed; how to kill poison-ivy with 2,4-D or ammate; how to make ragweed harmless with 2,4-D. Plants & Gard. 8:46-48. Spring 1952. 450 P694

74276 HUBBARD, W. W. The Noxious Weeds Act, 1950. Natl. Weeds Conf. New Zeal. Proc. 4:27-29. 1951. 79.9 N213
Includes discussion.

74277 HUBER, E. H. Let's kill trees. N. Y. State Conserv. 6(6):23. June/July 1952. 279.8 N48

74278 JACOBSON, G., and SUNDELIN, G. Extermination of bushes with chemicals. (In Swedish.) Svensk Jordbrforsk. 1951:136-141. 11 J763

74279 JETNE, M. Wheatgrass, a troublesome weed. (In Norwegian.) Landbrukstidende 58:391. May 14,1952. 11 L236

74280 KING, L. J. Crag herbicide 1. Plants & Gard. 8:49-50. Spring 1952. 450 P694

74281 KRAUTZER, H. Bekämpfungsmöglichkeiten des scharfen hahnenfusses. Kärntner Bauer 102:309-310. May 17,1952. 19 K14
Ranunculus acer.

74282 LEE, O. C. Canada thistle [Cirsium arvense] control. Purdue U. Agr. Ext. L. 345,4 p. July 1952. 275.29 In2L

74283 LEE, O. C. Latest results with chemical weed control. Amer. Seed Trade Assoc. Hybrid Corn Indus.-Res. Conf. Proc. 6:82-86. 1951. 59.9 Am32

74284 LEE, O. C. Noxious weeds of Indiana. Purdue U. Agr. Ext. B. 246,rev.,23 p. July 1952. 275.29 In2/

74285 LEPORE, A. 10 ways to use herbicides to control roadside vegetation. Pub. Works 83(6):79-80. June 1952. 290.8 M922

74286 LYNCH, P. B. Effect of weeds on pasture production. Natl. Weeds Conf. New Zeal. Proc. 4:43-45. 1951. 79.9 N213

74287 MCCULLY, W. G., TYNAN, J. A., and PERRY, B. A. Reaction of white brush [Aloysia ligustrina] to growth-regulator herbicides. Tex. Agr. Expt. Sta. Prog. Rpt. 1462,3 p. May 12,1952. 100 T31P

74288 MCDUFF, I. H. Herbicides blamed in Ark. cotton loss. Agr. Chem. 7(6):75,123. June 1952. 381 Ag8

74289 MACRAE, J. W. New outlook on weeds. Ontario Crop Impr. Assoc. Addresses & Proc. 15:75-78. 1952. 64.9 On83

74290 MADDEN, E. A. Manuka blight; advantages and disadvantages of infection. Massey Agr. Col. Sheep-farming Annu. 4:167-170. Nov.1951. 45.9 M385
Leptospermum attacked by mealybug.

74291 MAKI, T. E., and ALLEN, R. M. Use of allyl alcohol for weed control in forest nurseries. J. Forestry 50:470-471. June 1952. 99.8 F768

74292 MATSUBARA, S. Sosai engei handbook (Handbook for raising vegetables). Tokyo,Sangyo Tosho,1951. 2 v. 91 M42

74293 MATTHEWS, L. J. Chemical control of blackberry. Natl. Weeds Conf. New Zeal. Proc. 4:15-17. 1951. 79.9 N213

74294 MATTHEWS, L. J. Chemical methods of weed control. I. New Zeal. J. Agr. 84:273-275,277-279. Apr. 1952. 23 N48J

74295 MEADLY, G. R. W. Low volume spraying for weed control. Queensland Fruit & Veg. News 2(20):13-14 Mar.28,1952. 280.38 Q3

74296 MENIS, Y. New methods for weed control in vegetable gardens. (In Hebrew.) Hassadeh 32:274-276. Mar.1952. 26 H27

74297 MILDNER, T. Giftpflanzen in wald und flur. Leipzig,Geest & Portig,1951. 49 p. (Die Neue Brehm-Bücherei; das Leben der Tiere und Pflanzen in Einzeldarstellungen. 39) 452.83 M59

74298 MILLER, J. H., and DUNHAM, R. S. Spraying for weed control—will it work with legumes? Minn. Farm & Home Sci. [Minn. Sta.] 9(3):3,12. May 1952. 100 M668

74299 MINNESOTA. AGRICULTURAL EXPERIMENT STATION. ADVISORY COMMITTEE ON WEED CONTROL Weed control in Minnesota, by R. S. Dunham, R. E. Nylund, and R. F. Crim. St. Paul, 1951? 13 p. 79.9 M66
Based on the recommendations of the Research Committee of the North Central Weed Control Conference for 1951.

74300 MULLISON, W. R. Brush control. Plants & Gard. 8:53-55. Spring 1952. 450 P694

74301 NATIONAL WEEDS CONFERENCE, 4. PALMERSTON NORTH, 1951. Proceedings of the conference, held at Massey Agricultural College, 7th,8th, 9th August, 1951. Palmerston North, 1951. 68 p. 79.9 N2B

74302 NICKELL, L. G. Chemicals for weed control. Plants & Gard. 8:40-41. Spring 1952. 450 P694

74303 NICKELL, L. G. 454 weeds and how to control them. Plants & Gard. 8:58-100. Spring 1952. 450 P694

74304 NIEMINEN, L. Sprays for combating weeds. (In Finnish.) Teho 4:178-179. 1952. 20 T98
English summary.

74305 NORRIE,J. C. Progress in chemical weed control in Australia. Natl. Weeds Conf. New Zeal. Proc. 4:55-58. 1951. 79.9 N213
Includes discussion.

74306 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Outlawed weeds. North. Ireland. Min. Agr. Mon. Agr. Rpt. 27:42-44. June 1952. 256.13 Ag82M

74307 OLIVER, T. Control of tree lupins with 2,4-D hormone weedkiller. Natl. Weeds Conf. New Zeal. Proc. 4:65-68. 1951. 79.9 N213
Includes discussion.

74308 ORCHARD, H. E. Weeds of South Australia. 1. So. Austral. Dept. Agr. B. 418,42 p. June 1951. 23 So84B

74309 ORTIZ GARMENDIA, J. Gramíneas tóxicas para el ganado. II. Campesino [Santiago] 84(4):19,21. Apr.1952. 9.3 So12

74310 PEREIRA, H. C. Weed-killing sprays for use in coffee. Coffee Bd. Kenya. Mon. B. 16:285. Dec.1951. 68.29 C652

74311 POTUL'NITSKII, P. M. On the origin of non-rubber yielding dandelions [Taraxacum] which infest kok-saghyz. (In Russian.) Agrobiologiia 2:45-54. Ref. Mar./Apr.1952. 20 Ag822
Includes control.

74312 PRIMOST, E. Unkrautbekämpfung mit dicopur auf grünland. Bauer 5(5):5-6. Feb.2,1952. 19 B32

74313 REGE, F. DE. Chemical control of weeds. (In Italian.) Riso 1(3):13-15. Apr.1952. 59.8 R49

74314 REGINSTER, P. L'emploi de derivés du petrole comme desherbants sélectifs dans les pepinières forestières. Soc. Roy. Forest. de Belg. B. 59:195-200. Apr.1952. 99.9 B83

74315 RIEPMA, P. Control of wild oats. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:151-153. Apr.1952. 12 N383M

74316 RIEPMA, P. Once more: chemical control of weeds in peas. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:153-154. Apr.1952. 12 N383M

74317 RYKER, T. C. Weed eradication in cane fields in Louisiana. Asoc. de Tec. Azucareros de Cuba. Proc. 24:215-218. 1950. 65.9 As5

74318 SAXBY, S. H. Water hyacinth. Natl. Weeds Conf. New Zeal. Proc. 4:22-23. 1951. 79.9 N213

74319 STANTON, H. S. Equipment and cultural practices important in chemical weed control. Ark. Farm Res. 1:2-3. Spring 1952. 100 Ar42F
Cotton.

74320 THOMPSON, M. M. Water and weeds! Golden Gard. 16(9):10-11,23. (Cont.) July 1952. 80 G56

74321 THOMPSON, W. R. Swat those pasture weeds. Prog. Farmer, Miss.-Ark.-La. Ed. 67(7):18,83. July 1952. 6 So81

74322 TILLEY, M. Weed control in grass-seed crops in Hawkes Bay. Natl. Weeds Conf. New Zeal. Proc. 4:49-54. 1951. 79.9 N213
Includes discussion.

74323 TREVETT, M. F. Control of woody weeds in low bush blueberry fields. Maine. Agr. Expt. Sta. B. 499, 23 p. May 1952. 100 M28S

74324 TRIPE, W. J. Variegated thistle control. Natl. Weeds Conf. New Zeal. Proc. 4:36-42. 1951. 79.9 N213

74325 TUCKETT, A. J. Practical control of gorse. Natl. Weeds Conf. New Zeal. Proc. 4:10-14. 1951. 79.9 N213
Includes discussion.

74326 VALDÉS BARRY, F. Notes on herbicide tests. Asoc. de Tec. Azucareros de Cuba. Proc. 24:209-213. 1950. 65.9 As5

74327 VIDME, T. Bishops goutweed [Aegopodium podagraria]. (In Norwegian.) Norsk Hagetid. 68: 107-108. June 1,1952. 80 N81

74328 VIDME, T. Bishops goutweed [Aegopodium podograria]. (In Norwegian.) Samvirke [Oslo] 47:268-269. June 1,1952. 280.28 Sa4

74329 VRADENBURG, G. A., JR. Synthetic hormones and other chemicals useful in growth control. Plants & Gard. 8:101-111. Spring 1952. 450 P694

74330 WARD, R. K. Control of weeds in drains. Natl. Weeds Conf. New Zeal. Proc. 4:24-26. 1951. 79.9 N213
Includes discussion.

74331 WATKINS, I. VON, LTD. Pamphlets on herbicides and weed control. New Plymouth,N. Z.,1950-51. 6 sheets. 79 W32P

74332 WILLARD, C. J. Ohio experiments on the chemical control of weeds. Soybean Digest 12(6):12-13. Apr.1952. 60.38 So9
Pre-emergence use.

74333 WOESTEMEYER, V. What's in the new aerial spraying law. Kans. State Bd. Agr. Rpt. 81(308):78-81. June 1952. 2 K13Re
Weed control.

74334 YEATES, J. S. Grose control on Massey College sheep farm. Natl. Weeds Conf. New Zeal. Proc. 4: 7-9. 1951. 79.9 N213
Includes discussion.

74335 ZAPPETTINI, G. Some aspects of Halogeton glomeratus, a poisonous range weed. Idaho Forester 33:30-32. 1951. 99.1 Id1

74336 ZIMMERMAN, P. W. Water weeds. Plants & Gard. 8:56-57. Spring 1952. 450 P694

74337 ZONDERWIJK, P. Herbicides and their application. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:132-137. Apr.1952. 12 N383M

MISCELLANEOUS ECONOMIC PLANTS
(Drug, Dye, Rubber, Etc.)

74338 ABEELE, M. VAN DEN. Les principales cultures du Congo Belge. Ed. 2. Bruxelles,Direction Générale de l'Agriculture de l'Élèvage et de la Colonisation,1951. 605 p. 35.4 V28

74339 ARRUDA, P. DE. Production of rubber on plantation-schools. (In Portuguese.) Assoc. Com. do Amazonas. B. 11(125):14-15. Dec.1951. 286.9 As7B

74340 BARNETT, G. W. D. Mechanical felling of rubber trees. Rubber Res. Inst. Ceylon. Adv. C. 33,6 p. Mar.1952. 78.9 R826

74341 BERGMARK, M. Dye plants of olden times. (In Swedish.) Trädgardstidningen 24(6):20-21. June 1952. 80 T67

74342 BIDMEAD, C. Can seaweed ease our food problems? Country Life [London] 112:113. July 11,1952. 80 C83

74343 BRAUDEAU, J. La Station de Nkoemvone se consacre à la sélection et à l'amélioration du cacaoyer. Marchés Colon. du Monde 8:1279. May 17,1952. 286.8 M33

74344 BROWN, E., and MATTHEWS, W. S. A. Notes on the aromatic grasses of commercial importance. Colon. Plant & Anim. Prod. 2:174-187. 1951. 472 C71
Cymbopogon and Vetiveria.

74345 CARDOSO, A. M. Contribution to the study of the African oilpalm of Brazil; its industrialization in Bahia. (In Portuguese.) Rev. Bras. de Quim. (Cien. & Indus.) 33:232,234-238. Apr.1952. 385 R322

74346 CATALANO, G. Drug Plant Experiment Station. (In Italian.) Delpinoa 4:116-128. 1951. 451 N16

74347 EVANS, H. Investigations on the propagation of cacao. Trop. Agr. [St. Augustine] 28:147-203. Ref. July/Dec.1951. 26 T754

74348 FERCHL, F. Bilder zur geschichte der drogen. Zur Gesch. der Pharm, p.6-12. In Deut. Apoth.-Ztg. 92(24). June 13,1952. 396.8 Su2
Includes illustrations of drug plants.

74349 FOSSATI, L. Honey plants. (In Italian.) Apic. d'Italia 19:59-60,92. Mar.-Apr.1952. 424.8 Ap372

74350 FOX, H. M. Notes on a few savories. Herbarist 18:43-46. 1952. 80 H41

74351 GALBAN, E. Florida herbs and plants. Herbarist 18:16-23. 1952. 80 H41

74352 GAUTHIER, M., and RIBIÈRE, M. L'ail d'Auvergne. France. Min. de l'Agr. B. Tech. d'Inform. 69:323-331. May 1952. 14 F884B
Chiefly culture.

74353 GENEVA. UNIVERSITÉ. INSTITUT DE BOTANIQUE GÉNÉRALE. Atlas de botanique médicale, by F. Chodat. Genève,Georg,1951. 5 p. 452.82 G28

74354 GILKEY, H. M. Plants used by Indians of northwestern America. Herbarist 18:6-11. 1952. 80 H41

74355 GOONEWARDENE, E. T. Citronella [Cymbopogon nardus) in Ceylon. Foreign Agr. 16:114. June 1952. 1.9 Ec7For

74356 GRIEBL, H. Schönblühende straucharten und ihre vermehrung zur bienenweide. Osterr. Imker 2:53-54. Mar.1952. 424.8 Os7

74357 GUTNIKOVA, Z. I. Moss swamps—honey-yielding lands. (In Russian.) Pchelovodstvo 10(1):51-52. Jan.1952. 424.8 P295
Honey plants.

74358 HANDA, K. L., CHOPRA, I. C., and SINGH, K. Indian Strophanthus: Strophanthus wightianus Wall. Indian J. Med. Res. 39:403-409. July 1951. 448.8 In22

74359 HARRIS, C. A. Herb venture in the South. Herbarist 18:37-42. 1952. 80 H41

74360 HEINISCH, O. Die vordringlichsten zuchtziele bei sanddorn (Hippophaë rhamnoides L.). Züchter 22:144-147. Ref. 1952. 442.8 Z8

74361 HELLY, J. La culture du cacaoyer. Marchés Colon. du Monde 8:1275-1278. May 17,1952. 286.8 M33
Cameroun.

74362 HOLTERMANN, H. Versuchsanregung zum honigen der linden. Carnika-Züchterring 4:57-58. May/June 1952. 424.8 C21

74363 KAUFMANN, S. Coffee culture, adapted to our time. (In Portuguese.) São Paulo. Supt. dos Serv. do Café. B. 27:221-228. Mar.1952. 68.29 Sa63

74364 KIRBY, R. H. Seaweeds in commerce. V. Colon. Plant & Anim. Prod. 2:145-173. (Cont.) Ref. 1951. 472 C71

74365 KLAGES, A. Eine paraguayische süssstoffpflanze [Stevia rebaudiana]. F. O. Licht. Internatl. Zuckerber. 91(spec no.):32. Apr.21,1952. 66.8 L61A

74366 LEESEN, C. FREIHERR VON. Der lebensnerv der imkerei. Westfälische Bienenztg. 65:33-35. Feb. 1952. 424.8 W526
Robinia pseudacacia as a honey plant.

74367 MANN, L. K. Garlic bulb studies; effect of day length, temperature during growth, and storage temperature on early and late varieties. Calif. Agr. [Calif. Sta.] 6(6):13-14. June 1952. 100 C12Cag

74368 MEAD, R. M. Increasing honey plant acreage. Gleanings Bee Cult. 80:403,442. July 1952. 424.8 G47

74369 MILESI-FERRETTI, G. Observations on the apicultural value of some aromatic and medicinal plants cultivated in the provinces of Macerata and Ancona. (In Italian.) Apic. d'Italia 19:68-69. Mar.1952. 424.8 Ap372

74370 MILORADOVICH, M. The home garden book of herbs and spices. Garden City,N. Y.,Doubleday,1952. 236 p. 97.21 M63

74371 MOISEENKO, S. N. Importance of spindle trees [Euonymus] of the Far East [U.S.S.R.] as yielders of gutta-percha. (In Russian.) Lesn. Khoz. 4(9):46-52. Sept.1951. 99.8 L5622

74372 MOLFINO, J. F. Umbeliferas medicinales y aromáticas. Chacra 22(259):51. June 1952. 9 C34
Argentina.

74373 MOLFINO, J. F. Umbeliferas medicinales y aromaticas. Chacra 22(260):51,56. (Cont.) July 1952. 9 C34
Argentina.

74374 MURAKOSHI, M. Yakuyo shokubutsu zusetsu (Illustrated book of medicinal plants). Tokyo,Fukumura Shoten,1951. 698 p. 460.15 M932

74375 OGATA, D. Japanese rushes; their cultivation and uses. Ann Arbor,1952. 98 p. 77 Og1
Thesis (M.A.) - University of Michigan.

74376 OLBERG, G. Biene und hahnenfuss [Ranunculus]. Nordwestdeut. Imkerztg. 4:107-109. Apr.1952. 424.8 N753

74377 PALAMAR', N. S. Innovation in the selection of peppermint. (In Russian.) Selek. i Semen. 19(2):42-44. Feb.1952. 61.9 Se5

74378 PALMER, E. Marulas [Sclerocarya caffra]—food and drink for natives—are now protected. Veldtrust 13(4):12-13. Apr.1952. 56.8 V54

74379 PATTABHIRAMAN, T. V. Liaison service and coffee improvement. Indian Coffee Mon. B. 16:53-54,58. (Concl.) Mar.1952. 68.29 In23M
Culture.

74380 PAUR, S. Four native New Mexico plants of promise as oilseed crops. N. Mex. Agr. Expt. Sta. Press B. 1064,7 p. May 1952. 100 N465

74381 PEREIRA, H. C. Annual report of the agricultural chemist (coffee services) for 1950. Coffee Bd. Kenya. Mon. B. 16:286-287. Dec.1951. 68.29 C652

74382 PETERS, D. W. A. Khat: its history, botany, chemistry and toxicology. Pharm. J. 169(4627):17-18. (Cont.) July 5,1952. 396.8 P49
Catha edulis.

74383 PETERS, D. W. A. Khat: its history, botany, chemistry and toxicology. Pharm. J. 169(4628):36-37. (Concl.) Ref. July 12,1952. 396.8 P49
Catha edulis.

74384 PROCTOR, R. C. Peyote [Lophophora williamsii] intoxication. Natl. Cactus & Succulent J. 7: 3-5. (Cont.) 1952. 450 N21

74385 PYNAERT, L. Le manioc. Ed. 2. Bruxelles, Direction de l'Agriculture,1951. 166 p. 77 P992

74386 QUIGNON-FLEURET, E. La production caféière. Marchés Colon. du Monde 8:1281-1282. May 17,1952. 286.8 M33
Cameroun.

74387 RAO, H. A. G. Cultivation of cassava and preparation of its products. Mysore Agr. J. 27:57-69. Ref. July/Sept.1951. 22M993

74388 RAYMOND, W. D., and SQUIRES, J. A. Pewa or peach nuts from Trinidad. Colon. Plant & Anim. Prod. 2:203-205. 1951. 472 C71
Guilielma.

74389 RUEGGER, R. Plantes mellifères et pollinifères: la linaire vulgaire. J. Suisse d'Apicult. 48:330-331. Nov.1951. 424.9 So1
Linaria vulgaris.

74390 RUEGGER, R. Plantes melliferes et pollinifères: les bruyères. J. Suisse d'Apicult. 49:91. Mar. 1952. 424.9 So1
Calluna and Erica.

74391 SCARAMUZZI, F. Genetic and practical notes on the selection of sweet fennel. (In Italian.) Riv. della Ortoflorofrutticolt. Ital. 36:113-122. Ref. May/June 1952. 86 R22
English summary.

74392 SEARA, G. Hevea culture for the small property. (In Portuguese.) Assoc. Com. do Amazonas. B. 11(125):6-7. Dec.1951. 286.9 As7B

74393 SMITS, D. DE V. Strophantus gratus (Wall. & Hook.) Franch. (In Dutch.) Madjalah Ilmu Alam untuk Indonesia 107:140-161. Ref. Nov./Dec.1951. 514 B31
English summary.

74394 SPAIN. DELEGACION PENINSULAR PARA CAFE DE LAS CAMARAS OFICIALES AGRICOLAS DE GUINEA. Memoria del año 1950. Madrid,1951. 32 p. 68.29 Sp1

74395 TALLARICO, G. Importance of some wild plants growing on the Sila. (In Italian.) Ricerca Sci. 22: 393-397. Mar.1952. 475 It1
English summary.

74396 TANGANYIKA COFFEE GROWERS' ASSOCIATION. Sixteenth annual report, 1950-1951. Arusha,1951. 36 p. 68.29 T15

74397 TINGEY, D. C. Effect of spacing, irrigation, and fertilization on rubber production in guayule sown directly in the field. Agron. J. 44:298-302. June 1952. 4 Am34P

74398 VAN BRUNT, E. R. Acanthus, henna and cedar of Lebanon. Herbarist 18:47-51. 1952. 80 H41

74399 VENEZUELA. DIRECCIÓN DE AGRICULTURA. DEPT. DE SUELOS. Estudio agrológico de la zona cacaotera central, edos. Aragua y Carabobo, by L. Sirotti. Caracas,1951. 63 p. 56.23 V55Esd

74400 VENKATARAYAN, S. V. Possibilities of increasing coffee production. Indian Coffee Bd. Mon. B. 16: 4-5. Jan.1952. 68.29 In23M

74401 VOMSATTEL, M. Verbesserung der bienenweide. Schweiz. Bienen-Ztg. 75:191-193. Apr.1952. 424.8 Sch9

74402 WEITEKAMP. Wie steht es um die pflege der bienenweide? Westfälische Bienenztg. 65:35-36. Feb. 1952. 424.8 W526

74403 WINKLER, H. Taraxacum kok-saghyz. (In Swedish.) Växt-Närings-Nytt 8(6):5. June 1952. 57.8 V47

74404 ZHUCHKOV, V. G. Hippophae rhamnoides near Leningrad. (In Russian.) Sad i Ogorod 12:61. Dec. 1951. 80 Sa13
New prospective fruit crop.

74405 ZINKIN, T. Tea research work in Assam. New Commonwealth 23:576-578. June 9,1952. 280.8 C88
Culture.

SOILS AND FERTILIZERS

SOIL SCIENCE

74406 AOMINE, S. Dojo tsuron (General study of soil). Tokyo,Asakura Shoten,1951. 228 p. (Asakura Nogyo Sensho (Asakura's Selection of Agriculture)) 56 Ao5D

74407 EDELMAN, C. H. Soils. Soil Sci. 74:15-20. July 1952. 56.8 So3
Netherlands.

74408 GRIFFITH, G. AP. Catena. Soils & Fert. 15: 169-170. June 1952. 241 Im7Sf

74409 HYAMS, E. S. Soil and civilization. London, Thames and Hudson,1952. 312 p. 56 H99

74410 LABRUYÈRE, J. Kennis van de grond en bemestingsleer [Manual of soils and fertilizers]. Ed. 2, rev. Meppel,Stenvert,1951? 48 p. (Eenvoudige Land- en Tuinbouw Serie) 56.24 L112

74411 LORENZ, P. Agrartechnische bodenkundliche betrachtunge. I. Deut. Agrartech. 2:121-124. Apr.1952. 58.8 D482

74412 LOUVAIN. UNIVERSITÉ CATHOLIQUE. INSTITUT PÉDOLOGIQUE. Aperçu de son activité. Louvain,1951? 18 p. 56.9 L93

74413 LYON, T. L., BUCKMAN, H. O., and BRADY, N. C. The nature and properties of soils; a college text of edaphology. Ed. 5, rev. New York,Macmillan,1952. 591 p. Ref. 56 L99N

74414 MCARTHUR, D. N. The Macaulay Institute for Soil Research. Chem. & Indus. 26:579-581. June 28, 1952. 382 M31C

74415 OGG, SIR W. Modern developments in soil science. Roy. Soc. Arts. J. 100:365-381. Apr.4,1952. 501 L847J
Includes discussion.

Soil Physics

74416 ALLISON, L. E. Effect of synthetic polyelectrolytes on the structure of saline and alkali soils. Soil Sci. 73:443-454. Ref. June 1952. 56.8 So3

74417 ANDREASON, R. About this krilium. Canad. Florist 47(11):8. May 24,1952. 80 C163

74418 BOUYOUCOS, G. J. Improvements in the nylon method of measuring soil moisture in the field. Agron. J. 44:311-314. Ref. June 1952. 4 Am34P

74419 BUTT, S. M. A., and SALIM, P. B. A. Soils and water control. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:355-357. 1949,pub.1951. 279.9 Un32P
Soil characteristics and effect of water control on soils.

74420 CORNELIUS. Synthetische krümelbildner im kommen. Traktor 3:85-86. Apr.1952. 58.8 T677
Krilium.

74421 HAMMOND, L. C., and EDSON, S. N. A simple water picnometer for soil moisture measurement in the field. (Abs.) Assoc. South. Agr. Workers. Proc. 49:170. 1952. 4 C82

74422 HAMMOND, L. C., and EDSON, S. N. What one should know about soil moisture: from the ground up. Subtrop. Gard. 5(3):8,12. Jan.1952. 80 Su13

74423 HEDRICK, R. M., and MOWRY, D. T. Effect of synthetic polyelectrolytes on aggregation, aeration, and water relationships of soil. Soil Sci. 73:427-441. Ref. June 1952. 56.8 So3

74424 HOOVER, M. D. Influence of plant cover on soil moisture in the Piedmont. (Abs.) Assoc. South. Agr. Workers. Proc. 49:172. 1952. 4 C82

74425 HOYOS, A., and RODRIGUEZ, J. Alteraciones de la superficie de una bentonita acida por tratamiento térmico. II. An. de Edafología y Fisiol. Veg. 11:125-140. Mar./Apr.1952. 506 Sp12
English summary.

74426 JAMESON, V. C., and WEAVER, H. A. The relationship of moisture and macroporosity to the hardness of Lloyd clay. Agron. J. 44:337. June 1952. 4 Am34P

74427 LIKELY, W. Deep freeze locker. Sci. News Let. 62:42-43. July 19,1952. 470 Sci24
Frozen ground.

74428 LOBSTEIN, H. E. Synthetic soil fertility: Krilium. Capriculturist 10(4):13-14. Apr.1952. 40.18 C17

74429 LUQUE LOBOS, J. A. Es variable el aprovechamiento del agua existente en el suelo. Mundo Agr. 4(36):49. May 1952. 9 M92

74430 MARTIN, W. P., and others. Soil and crop responses from field applications of soil conditioners. Soil Sci. 73:455-471. Ref. June 1952. 56.8 So3
G. S. Taylor, J. C. Engibous, and E. Burnett, joint authors.
Krilium.

74431 MAYALL, R. N. Krilium, the new soil conditioner. Horticulture 30:267,284. July 1952. 80 H787

74432 PRIEHAUSSER, G. Uber die entwicklung von auen, filzen und anderen waldvernässungen im bayerischen wald. Mitt. aus der Staatsforstverwalt. Bayerns 27:9-71. Ref. 1952. 99.9 B342

74433 QUASTEL, J. H. Influence of organic matter on aeration and structure of soil. Soil Sci. 73:419-426. Ref. June 1952. 56.8 So3

74434 QUASTEL, J. H. Synthetic soil conditioners and soil structure. Sci. Prog. [London] 40:385-402. Ref. July 1952. 472 Sci22

74435 RAO, K. S., and WADHAWAN, S. K. Soil permeability. Cur. Sci. 21:100-101. Apr.1952. 475 Sci23

74436 RUEHRWEIN, R. A., and WARD, D. W. Mechanism of clay aggregation by polyelectrolytes. Soil Sci. 73:485-492. June 1952. 56.8 So3

74437 RUFFALDI, G. B. Krilium—changes deserts into gardens (!). (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:187-188. May 1952. 16 C72

74438 SCHUFFELEN, A. C. Krilium. (In Dutch.) Fruitteelt 42:457. June 5,1952. 86 N28

74439 SWANSON, C. L. W., and JACOBSON, H. G. M. Herbicides: a new tool for use in studying soil physical properties affecting crop growth. Weeds 1:174-184. Ref. Jan.1952. 79.8 W41

74440 TABER, S. Geology, soil mechanics, and botany. Science 115:713-714. June 27,1952. 470 Sci2

74441 TERRY, C. W., and WILSON, H. M. The Cornell soil penetrometer. Agr. Engin. 33:425. July 1952. 58.8 Ag83

74442 U. S. AGRICULTURAL RESEARCH ADMIN. Report on "Krilium," a new soil conditioner, by R. C. Dawson. Washington? 1952. 3 p. 1.98 R298

74443 WEEKS, L. E., and COLTER, W. G. Effect of synthetic soil conditioners on erosion control. Soil Sci. 73:473-484. June 1952. 56.8 So3

Soil Chemistry and Mineralogy

74444 AUDUS, L. J. The decomposition of 2 : 4-dichlorophenoxyacetic acid and 2-methyl-4-chlorophenoxyacetic acid in the soil. J. Sci. Food & Agr. 3: 268-274. June 1952. 382 So12

74445 AYRES, A. S., and HAGIHARA, H. H. Available phosphorus in Hawaiian soil profiles. Hawaii. Planters' Rec. 54:81-99. Ref. 1952. 25 H311

74446 BARJAC, H. DE. Contribution à l'etude du metabolisme des acides aminés soufrés, et spécialement de la méthionine dans le sol. Inst. Pasteur Ann. 82:623-628. May 1952. 448.3 An75

74447 BEL'CHIKOVA, N. P. Some regularities in content, humus composition and properties of humic acids in the most important soil groups of U.S.S.R. (In Russian.) Pochven. Inst. im. V. V. Dokuchaeva. Trudy 38: 33-58. Ref. 1951. 56.9 P44

74448 CHU, A. C., and SHERMAN, G. D. Differential fixation of phosphate by typical soils of the Hawaiian great soil groups. Hawaii. Agr. Expt. Sta. Tech. B. 16, 20 p. Ref. June 1952. 100 H313T

74449 DAVIS, D. E. The availability and mobility of calcium in a Ca^{45} labeled Wilson Dam slag as determined by pot and lysimeter studies. (Abs.) Assoc. South. Agr. Workers. Proc. 49:145. 1952. 4 C82

74450 DELGADO RODRIGUEZ, M. Caracterización de una bentonita del Marruecos Espãnol. An. de Edafología y Fisiol. Veg. 11:141-150. Ref. Mar./Apr.1952. 506 Sp12
English summary.

74451 DRAGUNOV, S. S. Methods of investigating humus substances. (In Russian.) Pochven. Inst. im. V. V. Dokuchaeva. Trudy 38:65-98. Ref. 1951. 56.9 P44

74452 FRIED, M., and DEAN, L. A. A concept concerning the measurement of available soil nutrients. (Abs.) Assoc. South. Agr. Workers. Proc. 49:46-47. 1952. 4 C82

74453 HALAIS, P. Méthodes d'analyses de terres élaborées au Queensland pour servir de guide à l'emploi rationnel des engrais en culture de la canne à sucre. Rev. Agr. de l'Ile Maurice 31:5-16. Jan./Feb.1952. 24 M44

74454 JACKMAN, R. H. Phosphorus status of some pumice soils. New Zeal. Grassland Assoc. Proc. 13:176-183. 1951. 60.19 N48
Includes discussion.

74455 MCGLOUGHLIN, F. Soil sampling and analysis. Beet Grower 6:47-50. Apr.1952. 66.8 B392

74456 MUIR, J. W. The determination of total phosphorus in soil. Analyst 77:313-317. June 1952. 382 An1

74457 PEARSON, R. W. Leaching of potassium as influenced by source and frequency of application of nitrogen. Agron. J. 44:305-307. June 1952. 4 Am34P

74458 PEREZ MATEOS, J. Estudio mineralógico de los materiales sedimentarios de Alcala de Henares. An. de Edafología y Fisiol. Veg. 11:151-158. Ref. Mar./Apr. 1952. 506 Sp12
English summary.

74459 ROJAS CRUZ, L. A. Suelos de la sabana de Bogotá. IV. Agr. Trop. 8(5):31-33. May 1952. 26 Ag8
Analysis.

74460 ROMANO, E. Culture of sulla and calcium exchange in the soil. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 57,3 p. 1951. 105.4 R66

74461 ROMANO, E., and MERLI, G. Method for the determination of the attackability of carbonated rocks. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 52,6 p. 1951. 105.4 R66

74462 ROTINI, O. T., and others. The power of agricultural soil to absorb metaphosphoric acid. (In Italian.) (Abs.) Chim. e. l'Indus. 34:238. Apr.1952. 385 G43
A. del Carratore, G. Lotti, and L. Carloni, joint authors.

74463 TĬURIN, I. V., and NAĬDENOVA, O. A. In regard to analysis of composition and properties of humic acids soluble in diluted alkali directly and after decalcination. (In Russian.) Pochven. Inst. im. V. V. Dokuchaeva. Trudy 38:59-64. 1951. 56.9 P44
Humus analysis.

74464 TĬURIN, I. V. In regard to methods of analysis for a comparative study of the composition of soil organic matter or humus. (In Russian.) Pochven. Inst. im. V. V. Dokuchaeva. Trudy 38:5-21. 1951. 56.9 P44

74465 TĬURIN, I. V. Some results of work on a comparative study of humus composition in soils of U.S.S.R. (In Russian.) Pochven. Inst. im. V. I. Dokuchaeva. Trudy 38:22-32. Ref. 1951. 56.9 P44

74466 TOMBESI, L. The temperature action on soil metabolic activities. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 70,12 p. 1951. 105.4 R66
English summary.

74467 WELCH, C. D. Use of a soil test summary in agronomic programs. (Abs.) Assoc. South. Agr. Workers. Proc. 49:51-52. 1952. 4 C82

Soil Biology

74468 ANDRICK, L., and BRAMMER, H. Some studies on legume nodules. W. Va. Acad. Sci. Proc. 23: 202-203. 1951,pub.1952. 500 W52

74469 BRONSART, H. VON. Räuberische pilze im humus. Orion 7:319-320. Apr.1952. 474 Or4

74470 CARPENTER, J. A. The compatibility of seed disinfectants with legume seed innoculants. Ontario Crop Impr. Assoc. Addresses & Proc. 15:72-74. 1952. 64.9 On83

74471 GALIANI, I. The earthworm as soil improver. (In Hebrew.) Hassadeh 32:253-255. Feb.1952. 26 H27

74472 GARRETT, S. D. The soil fungi as a microcosm for ecologists. Sci. Prog. [London] 40:436-450. Ref. July 1952. 472 Sci22

74473 GLADILOVICH, B. R. Utilization of bacterial fertilizer AMB [autochthonic microflora B] for perennial grasses and legumes. (In Russian.) Kormovafa Baza 3 (1):37-38. Jan.1952. 60.8 K84

74474 HEUMANN, W. Die asymbiontische stickstoffbindung durch Rhizobium leguminosarum mit hilfe anorganischer katalysatoren. Naturwissenschaften 39:287. June 15,1952. 474 N213

74475 HEUMANN, W. Die asymbiontische stickstoffbindung durch Rhizobium leguminosarum (Pisum) auf blutnährböden. Naturwissenschaften 39:239. May 15, 1952. 474 N213

74476 HEUMANN, W. Über das abhängigkeitsverhältnis zwischen hämoglobin-, stärke-, bakteroidvorkommen und stickstoffbindung in den wurzelknöllchen der erbse. Naturwissenschaften 39:66-67. Feb.1,1952. 474 N213

74477 HEUMANN, W. Über wesen und bedeutung der bakteroide in den wurzelknöllchen der erbse. Naturwissenschaften 39:66. Feb.1,1952. 474 N213

74478 JENSEN, H. L., and PETERSEN, H. I. Detoxication of hormone herbicides by soil bacteria. Nature [London] 170:39-40. July 5,1952. 472 N21

74479 KHAN, D. V. In regard to methods of studying the composition of water-soluble organic substances of plant residues. (In Russian.) Pochven. Inst. im. V. V. Dokuchaeva. Trudy 38:99-107. Ref. 1951. 56.9 P44

74480 KUDRINA, E. S. Effect of humic acid on several groups of soil microorganisms and its importance as a source of nutritive substances for these organisms. (In Russian.) Pochven. Inst. im. V. V. Dokuchaeva. Trudy 38:185-253. Ref. 1951. 56.9 P44

74481 KÜSTER. Mikroorganismen machen humusstickstoff verwertbar. Landbforsch. Völkenrode 1:46. Oct.1951. 18 L2353

74482 MACFARLANE, I. Factors affecting the survival of Plasmodiophora brassicae Wor. in the soil and its assessment by a host test. Ann. Appl. Biol. 39:239-256. Ref. June 1952. 442.8 An72

74483 MARTIN, N., and GOTTLIEB, D. The production and role of antibiotics in the soil. III. Terramycin and aureomycin. Phytopathology 42:294-296. June 1952. 464.8 P56

74484 NIELSON, R. L. Earthworms and soil fertility. New Zeal. Grassland Assoc. Proc. 13:158-167. 1951. 60.19 N48

74485 POCHVENNYI INSTITUT IMENI V. V. DOKUCHAEVA. Raboty po organicheskomu veshchestvu pochvy [Works on soil organic matter]. Moskva, Akademiia Nauk SSSR, 1951. 279 p. (Trudy, v. 38) 56.9 P44

74486 RODALE, J. I. The story of a Canadian earthworm farm. Org. Farmer 3(12):19,43-44. July 1952. 57.8 Or3

74487 RYBALKINA, A. V. In regard to a comparative study of some soil microorganisms. (In Russian.) Pochven. Inst. im. V. V. Dokuchaeva. Trudy 38:254-279. Ref. 1951. 56.9 P44

74488 SMITH, F. B. La acción microbiana en los suelos. Agr. Austral 20:100-101. Mar.1952. 9.3 Ag842

74489 STEWART, J. A. Life within the soil. Ontario Crop Impr. Assoc. Addresses & Proc. 15:41-45. 1952. 64.9 On83

74490 SULOCHANA, C. B. Soil conditions and root diseases. III. With special reference to colonisation and survival of soil Fusaria in soils treated with micro-elements. Indian Acad. Sci. Proc. Sect. B 35:209-213. May 1952. 513 In25B

74491 WATERS, R. A. S. Earthworms and the fertility of pasture. New Zeal. Grassland Assoc. Proc. 13: 168-175. 1951. 60.19 N48

Soil-Plant-Animal Relationships

74492 ALBRECHT, W. A. Soil organic matter feeds plants and people. Farmer's Digest 2(16):72-79. June/July 1952. 6 F2206

74493 APPLETON, J. M. Some soil problems involved in the production of six hundred pounds of beef per acre. Ontario Crop Impr. Assoc. Addresses & Proc. 15: 46-56. 1952. 64.9 On83

74494 GIESECKE, F. Bodenfruchtbarkeit und ernährungssicherung der völker. Übersicht 3(5):37-42. May 1952. 18 Ub3

74495 KENDALL, K. A., TOUCHBERRY, R. W., and NEVENS, W. B. Soil fertilization and plant development as factors relating to nitrogen digestibility. (Abs.) J. Dairy Sci. 35:502. June 1952. 44.8 J822

74496 LOBSTEIN, H. E. Health from the soil up. Capriculturist 10(2):16-18;(3):17-18. (Concl.) Feb.-Mar. 1952. 40.18 C17
Soil-plant-animal relationships.

74497 SHEETS, O. Effect of growing conditions on nutritive value of vegetables. (Sum.) Miss. Farm Res. [Miss. Sta.] 15(5):2-4. May 1952. 100 M69Mi

Soil Genesis, Formation, Classification, and Mapping

74498 AMERYCKX, J. Sur les "blekgronden" dans les polders au nord de Bruges. Rev. de l'Agr. 5:553-563. June 1952. 13 R322
English summary.

74499 AUBERT, G. Les sols de la ferme départementale du Prieuré. Ecole Supér. d'Agr. et de Viticult. B. Mens. 30:69-78. Feb.1952. 275.9 An4

74500 BELCHER, D. J. Abstract of aerial photo interpretation in soils and minerals inventories. Photogram. Engin. 18:456. June 1952. 325.28 P56

74501 BLANCHARD, J. ABC's of soil. Org. Gard. 20 (7):35,44. July 1952. 56.8 Or3

74502 DIJK, D. C. VAN. Forstliche bodenkartierungen im keupergebiet des Strombergs in Württemberg. Wageningen, Veenman, 1951. 119 p. 56.24 D562
Proefschrift - Wageningen.

74503 LORENZ, W. Bodenkarten, ein wichtiges hilfsmittel der agrarplanung. Deut. Agrartech. 2:4-5. Jan.1952. 58.8 D482

74504 LUNDBLAD, K. Various kinds of marshland soils. (In Swedish.) Växt-Närings-Nytt 8(5):1-4. 1952. 57.8 V47

74505 NATIONAL RESEARCH COUNCIL. HIGHWAY RESEARCH BD. Engineering. Soil survey mapping. Washington, 1951. 95 p. (Its Bulletin 46) 290 N215E

74506 NORTHCOTE, K. H. A pedological study of the soils occurring at Coomealla, New South Wales. Austral. Commonwealth Sci. & Indus. Res. Organ. B. 264, 128 p. Ref. 1951. 514 Au72B

74507 ROGERS, G. E., and VANDERFORD, H. B. Bolivar County soils. Miss. Agr. Expt. Sta. B. 489,34 p. Mar.1952. 100 M69

74508 STAMP, L. D. West country landscape. Gt. Brit. Min. Agr. Agriculture 59:157-159. July 1952. 10 G79J
Includes soil types.

SOIL MANAGEMENT

74509 BAILEY, R. W. Water control through watershed management. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:180-182. 1949,pub.1951. 279.9 Un32P.

74510 BOYD, A. G. Hall's Creek sector Keepit catchment area. N. S. Wales. Soil Conserv. Serv. J. 7: 205-208. Oct.1951. 56.9 N472

74511 BROWN, C. B. Watershed treatment program of the Soil Conservation Service. Washington, U. S. Soil Conserv. Serv., 1952. 8 p. 1.96 Ad6Br
Paper at Seventh Midwestern States Flood Control Conference, Kenlake State Park, Ky., May 28-29, 1952.

74512 CALZECCHI-ONESTI, A. Aspects on hill reclamation: discourse on slopes. (In Italian.) Gior. di Agr. 62:181. June 15,1952. 16 It1G

74513 CHIAIA, A. The Murgias and their possible transformation. (In Italian.) Italia Agr. 89:315-322. May 5,1952. 16 It1

74514 COOK, H. L. The effects of land management upon run-off and ground-water. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:193-202. Ref. 1949,pub.1951. 279.9 Un32P

74515 COSTIN, A. B. Hydrological studies in the Upper Snowy Catchment area with special reference to the effects of land utilisation. N. S. Wales. Soil Conserv. Serv. J. 8:5-16. Jan.1952. 56.9 N472

74516 ENGLEDOW, E. Reclaiming lost acres. Sowest. Crop & Stock 6(6):10,86. June 1952. 6 So8942
Use of gypsum in reclaiming land in Texas with a high alkaline content.

74517 ENNIS, L., JR. Reclaiming idle acres. (Abs.) Assoc. South. Agr. Workers. Proc. 49:166-167. 1952. 4 C82
Alabama.

74518 FERRAND, M. L'entretien de la fertilité des sols en Afrique intertropicale. Landbr. Tijdschr. 64:304-307. May 1952. 105.2 Or3

74519 FOOTE, W. Organic farming in Japan. Org. Farmer 3(12):24-25,44-46. July 1952. 57.8 Or3

74520 FROLOW, V. Effects of watershed management on water yields. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:203-204. 1949,pub.1951. 279.9 Un32P

74521 FROLOW, V. Water control through watershed management. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:186-192. 1949,pub.1951. 279.9 Un32P
France.

74522 GORRIE, R. M. Drainage-basin management; water control through watershed management. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4: 174-177. 1949,pub.1951. 279.9 Un32P

74523 KARRAKER, P. E. Productive soil. Ky. Agr. Col. Ext. C. 468,rev.,39 p. Mar.1952. 275.29 K415
Building up and maintaining soil fertility.

74524 KELLOGG, C. E. Using our soils to keep men free. Washington, U. S. Bur. Plant Indus., Soils & Agr. Engin., 1952. 26 p. 1.965 S6K29
Address before the Agricultural Institute of Canada, Ottawa, June 23, 1952.

74525 MCLOUGHRY, E. I. County soil improvement programs. Ontario Crop Impr. Assoc. Addresses & Proc. 15:57-59. 1952. 64.9 On83

74526 MARTELLI, G. Recuperación de tierras marginales. Chacra 22(259):48-49. June 1952. 9 C34

74527 MEER, K. VAN DER. Reclamation of dune-sand soils. Soil Sci. 74:69-74. July 1952. 56.8 So3
Netherlands.

74528 OKLAHOMA AGRICULTURAL ADVISORY COUNCIL. Farming for keeps by rebuilding the soil in 5 steps. n.p.,1951. 4 p. 56.7 Ok4

74529 OKLAHOMA. AGRICULTURAL EXPERIMENT. STATION. DEPT. OF AGRONOMY. The Southeastern Soil Improvement Station Heavener; summary of results field day June 6, 1952. Okla. Agr. Expt. Sta. Mimeog. C. M-235,25 p. June 1952. 100 Ok4M

74530 OLIVA, A. Monte Giovi; first results of mountain reclamation. (In Italian.) Agr. Tosc. 7:187-196. June 1952. 16 Ag827

74531 RICHARDS, N. R. Restoration of soil fertility for crop production. Ontario Crop Impr. Assoc. Addresses & Proc. 15:36-40. 1952. 64.9 On83

74532 RÜBENSAM, E. Das Trawopolnaja-system von Wiljams; seine bedeutung für die deutsche landwirtschaft. Berlin,Deutscher Bauernverlag,1951. 31 p. 64 R82

74533 SELBY, W. E. Improvement of flood damaged cropland in Kansas. n.p.,1951? 3 p. 56.7 Se42

74534 SHAW, B. T. The job ahead. Washington,U. S. Agr. Res. Admin.,1952. 6 p. 1.98 Sh2
Talk before American Plant Food Council, Inc., Hot Springs, Va., June 21, 1952.
Soil improvement for adequate food.

74535 U. S. DEPT. OF AGRICULTURE. OFF. OF THE SECRETARY. Background information regarding watershed programs of the USDA. Washington,1952. 6 p. 1.91 A2B12

74536 VISENTINI, M. Water control through river basin conservancy. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:178-179. Ref. 1949,pub.1951. 279.9 Un32P
Includes management of soils used for different purposes in Italy.

74537 WOLTER, F. A. Conservation in the Whitewater Watershed. Conserv. Volunteer 15(87):12-16. May/June 1952. 279.8 C765
Soil and water management in Minnesota.

Soil Fertility

74538 AHRER, K. Düngung der rotklee- und luzerneschläge. Bauer 5(6):11-12. Feb.9,1952. 19 B32

74539 AHRER, K. Kartoffeln richtig düngen! Bauer 5(7):5-7. Feb.16,1952. 19 B32
Austria.

74540 ALBRECHT, W. A. Poison weeds or pamper crops? New Agr. 34:6-7. Mar./May 1952. 66.8 Su32

74541 ALTEN, F. Zur frage der frühzeitigen kalidüngung. Bodenkultur 6:97-101. 1952. 19 B635

74542 ANTHONY, J. L. The response of crops to applied phosphate on some Mississippi soils. (Abs.) Assoc. South. Agr. Workers. Proc. 49:47. 1952. 4 C82

74543 AXLEY, J. H., and WINANT, H. B. Better potato yields in western Maryland. Better Crops Plant Food 36(6):6-9,41. June/July 1952. 6 B46
Fertilizer applications.

74544 BACHTELL, M. A. Cornstalks have value but depress wheat and oats yield. Ohio Farm & Home Res. [Ohio Sta.] 37:37-39. May/June 1952. 100 Oh3S

74545 BEMELMANS, J. Is it suitable to fertilize in a tropical and sub-tropical climate? (In Portuguese.) Soc. Rur. Bras. Rev. 32(375):60-61. Apr.1952. 9.2 B733

74546 BEMELMANS, J. Potash as fertilizer for coffee. (In Portuguese.) São Paulo. Supt. dos Serv. do Café. B. 27:215-216. Mar.1952. 68.29 Sa63

74547 BENGTSSON, N. G. Experiences in plant nutrition according to the Gisselas experiments (Jämtland) valuable to practical farming. (In Swedish.) Växt-Närings-Nytt 8(5):33-36. 1952. 57.8 V47

74548 BENVENUTI, B. From research to practice; on the fertilizing of fruit trees. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(53):10. June 25,1952. 281.8 Ag3

74549 BLANCHARD, L. E. Lime and its functions. Cactus & Succulent J. 24:41-44. Mar./Apr.1952. 451 C11

74550 BONNET,J. A. Desarrollo de los estudios de diagnóstico foliar en el Departamento de Suelos de la Estación Experimental Agrícola de la Universidad de Puerto Rico. San Juan,1951? 2 p. 463.34 B64

74551 BORASIO, L. Considerations on fertilizing. (In Italian.) Riso 1(2):14-16. Mar.1952. 59.8 R49

74552 BORGMAN, H. H. Green manuring. (In Dutch.) Betuws Tuinbouwbl. 10(7):4. June 7,1952. 80 B464

74553 BOWDEN, R. A. The effect of high potassium levels on the control of damping off diseases in some seedlings. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 102. 1952. 4 C82
Ornamentals were used in the experiment.

74554 BOWDEN, R. A. Optimum fertility levels in relation to spacing on the production of the Antirrhinum majus hybridium (greenhouse snapdragons) in the South. (Abs.) Assoc. South. Agr. Workers. Proc. 49:101-102. 1952. 4 C82

74555 BRILLANTE, A. J. Fertilizer constituent experiment. Sugar News 28:212. May 1952. 65.8 Su36

74556 BURGESS, A. C., and DAVIES, E. B. Soil fertility problems of Taranaki. New Zeal. Grassland Assoc. Proc. 13:46-56. 1951. 60.19 N48
Includes discussion.

74557 BUTIJN, J. Green manure crops in orchards. (In Dutch.) Netherlands. Dir. van Tuinbouw. Meded. 15: 363-369. June 1952. 86 N384
English summary.

74558 CARLETON, R. M. Simple answers to some basic questions on plant feeding. Home Gard. 19(3):21-25 Mar.1952. 80 H756

74559 CHRISTENSEN, A. Soil treatment and cover crops. (In Danish.) Erhvervsfrugtavleren 18:246-249. (Cont.) June 1,1952. 80 Er3
In orchards.

74560 COOK, E. D., and BATES, R. P. Corn production at Kirbyville and Cleveland, 1950-51. Tex. Agr. Expt. Sta. Prog. Rpt. 1459,6 p. May 1,1952. 100 T31P
Effect of fertilizer treatment.

74561 COSSETTE, M. L'engrais chimique—c'est rien qu'un coup de fouet. B. des Agr. 48(2):14,70. Feb. 1952. 7 B872

74562 COURY, T., and MALAVOLTA, E. Some fertilizer questions. 1. (In Italian.) Solo 42(89):21-27,29-31. Ref. Jan./Feb.1952. 9.2 So4

74563 DEMENT, J. D., and STURGIS, M. B. Sugar cane yields as affected by split applications of nitrogen. (Abs.) Assoc. South. Agr. Workers. Proc. 49:49-50. 1952. 4 C82

74564 DENWARD, T., and JULÉN, G. Some aspects on the use of artificial manure to permanent pastures and its influence on yield and quality. (In Swedish.) Sveriges Utsädesför. Tidskr. 62:32-63. Ref. 1952. 61.9 Sv23
English summary.

74565 DICKINGER, F. Ein gesunddüngungsversuch. Bauer 5(21):5-7. May 31,1952. 19 B32
Pastures in Austria.

74566 DIZIER, F., and DANIEL, P. Essai de fumure phosphatée sur prairie naturelle (Avrillé 1948-1951). École Supér. d'Agr. et de Viticult. B. Mens. 30:116-119. (Cont.) Mar.1952. 275.9 An4

74567 DROSDOFF, M., and POTTER, G. F. Tung leaf samples for analysis. Amer. Tung News 3(6):6-7. June 1952. 307.8 Am33
As a guide to fertilizing.

74568 EINSET, O. Soil and fertilizing in the orchard. (In Norwegian.) Frukt og Baer 4:159-163. 1951. 80 F9428

74569 FORSEE, W. T., JR., and WEBSTER, R. H. Fertilizer experiments with field corn on Everglade peaty muck soil. (Abs.) Assoc. South. Agr. Workers. Proc. 49:50-51. 1952. 4 C82

74570 FOSS, H. Efficient nutrition of our field crops. (In Norwegian.) Landbrukstidende 58:304-308. Apr.16, 1952. 11 L236

74571 FREDRIKSSON, L. Radioactive isotopes in investigation of fertilizer and liming problems. (In Swedish.) Svensk Jordbrforsk. 1951:34-41. 11 J763

74572 FRIEDMANN, G. Misery: great enemy of the mountain. (In Italian.) Monti e Boschi 3:99-103. Mar. 1952. 16 M76
English summary.
Importance of fertilizer application in irrigation water.

74573 GARNER, H. V. Effect of manurial residues on barley. Inst. Brewing. J. (n.s.)49:214-215. May/June 1952. 390.9 In7

74574 GARNER, H. V. A fertilizer policy for sugar beet. Brit. Sugar Beet Rev. 20:109-113. Mar.1952. 66.8 B77

74575 GAROLA, J., and CADIER, R. La fumure du lin en Beauce. Acad. d'Agr. de France. Compt. Rend. 39: 276-278. Apr.2/23,1952. 14 P215Bc

74576 GAROLA, J., and CADIER, R. La fumure du lin en Beauce. Défense Agr. de la Beauce et du Perche 49:292. June 21,1952. 14 D36

74577 GEVORKIAN, A. M. Application of fertilizers to vineyards. (In Russian.) Vinodel. i Vinograd. SSSR. 12:49-50. Jan.1952. 95.8 V77

74578 GILLERN, C., and REICHARD, T. Beitrag zur spätdüngung mit kali bei hackfrüchten. Bodenkultur 6: 91-96. Ref. 1952. 19 B635

74579 GRAY, J., and Sturgis, M. B. Effect of fertilizers and lime on the yield of soybean seed on Olivier silt loam, Baton Rouge, Louisiana. (Abs.) Assoc. South. Agr. Workers. Proc. 49:52. 1952. 4 C82

74580 GREEN, V. E., JR., and STONER, W. N. Some problems of rice culture on muck soils of the Everglades. (Abs.) Assoc. South. Agr. Workers. Proc. 49:52-53. 1952. 4 C82

74581 GUTTFELD, S. P. The problem of humus supply to the soil. (In Hebrew.) Hassadeh 32:252-253. Feb.1952. 26 H27

74582 HALE, O. What about liquid fertilizers? A new approach to feeding growing plants. Nowest. Gard. & Homes 20(2):21-22. Apr.1952. 80 N813

74583 HALLERFORS, M. Comments on potash fertilizing. (In Swedish.) Växt-Närings-Nytt 8(6):2-June 1952. 57.8 V47

74584 HAMENCE, J. H. The availability of nitrogenous fertilisers. Fert. Feed. Stuffs & Farm Supplies J. 38:397,399-405. June 25,1952. 57.8 F413
Includes discussion.

74585 HANKE, H. The performance of lilies on different soil types. No. Amer. Lily Soc. Lily Ybk. 5: 61-63. 1952. 96.46 N81

74586 HIRANO, T. Hiryo shiyo-ho (Practical use of fertilizer). Tokyo, Asakura Shoten,1951. 255 p. 57 H61

74587 HULME, P. G. Fertilizing the tobacco crop in Central Africa. Rhodesian Tobacco J. 4(5):51-53. May 1952. 69.8 R34

74588 IASHCHUK, A. P. On the responsiveness of canker-resistant potato varieties to fertilizers. (In Russian.) Selek. i Semen. 19(2):57-62. Feb.1952. 61.9 Se5

74589 IRVIN, C. J., and THORNTON, J. K. Lime and fertilizer bring productivity to "abandoned" fields on deep soil. Pa. Agr. Expt. Sta. B. 540(sup.3):2-4. June 1952. 100 P381

74590 JENSEN, P. Utilization of fertilizer in forestry. (In Danish.) Dansk Hedeselsk. Hedeselsk. Tidsskr. 73:63-65. May 20,1952. 11 H35

74591 KALEE, S. Comparative manuring experiment: maize as green manure and barnyard manure. (In Hebrew.) Hassadeh 32:229-230. Feb.1952. 26 H27

74592 KARLSSON, N. Fertilizer experiments in Great Britain. (In Swedish.) Växt-Närings-Nytt 8(6): 11-14. June 1952. 57.8 V47

74593 KIBE, M. M., and BASU, J. K. A note on the relative merits of potassium sulphate and potassium chloride in the fertilisation of black cotton soils. Poona Agr. Col. Mag. 42:243-247. Feb.1952. 22 P79

74594 KLOUGART, A. Nitrogen problems. What is nitrate? (In Danish.) Gart.-Tid. 68:222-225. June 16, 1952. 80 G192

74595 KOHL, H. C. The modern approach to plant feeding. Pop. Gard. [Albany] 3(7):34-35,38-39. July 1952. 80 P812

74596 KONEKAMP. Düngung und besatzdichte bestimmen die weideleistung. Landbforsch. Völkenrode 1:35, 38. Oct.1951. 18 L2353

74597 LACHAUD, J. Les engrais phosphatés dans la culture du tabac. Paysan Franç. 28(414):36-39. June 1952. 14 P29

74598 LÅG, J. Soil properties of importance for fertilizing. (In Norwegian.) Frukt og Baer 4:146-150. 1951. 80 F9428

74599 LAMM, R. Some measures against soil fatigue in greenhouses. (In Swedish.) Svensk Jordbr-forsk. 1951:89-94. 11 J763

74600 LASSETTER, W. C. When corn gets hungry. Telltale signs of the lack of nitrogen appear. Prog. Farmer, Tex. Ed. 67(7):52,90. July 1952. 6 T311

74601 LAWTON, K., and others. Diagnostic techniques used in soil fertility studies. Mich. Agr. Expt. Sta. Q. B. 34:466-471. May 1952. 100 M58
L. S. Robertson, R. L. Cook, and P. J. Rood, joint authors.

74602 LOCSIN, C. L. Fertilizer test: no-potash vs. potash. Sugar News 28:149-158. Apr.1952. 65.8 Su36

74603 LOCSIN, C. L. Foliar diagnosis or leaf analysis in the Victorias sugarcane district. Sugar News 28: 193-197. May 1952. 65.8 Su36

74604 LORD, E. L. Nutrient salts on neutral soils from the ground up. Subtrop. Gard. 5(2):8,10. Nov./Dec. 1951. 80 Su13
Potash.

74605 LORD, E. L. The question of liming: from the ground up. Subtrop. Gard. 5(5):6,12. Mar./Apr.1952. 80 Su13

74606 LUNDBLAD, K. Liming and fertilizing of marshland soils. (In Swedish.) Växt-Närings-Nytt 8(5): 5-12. 1952. 57.8 V47

74607 MACGREGOR, J. M. Corn needs nitrogen especially on sandy soils. Minn. Farm & Home Sci. [Minn. Sta.] 9(3):16. May 1952. 100 M668

74608 MACGREGOR, J. M. Four years of fertilizing oats in Minnesota. Better Crops Plant Food 36(6):10-14, 38-40. June/July 1952. 6 B46

74609 MCVICKAR, M. H. Fertilizer use trends. (Abs.) Assoc. South. Agr. Workers. Proc. 49:49. 1952. 4 C82

74610 MANTROVA, E. Proper correlation of nutritive substances [calcium and potassium] for obtaining high yields of potatoes. (In Russian.) Sad i Ogorod 12:51-54. Dec.1951. 80 Sa13

74611 MANVILLI, V. Orientation on fertilizers. (In Italian.) Riso 1(3):10-12. Apr.1952. 59.8 R49

74612 MAYBERRY, B. D., and WITTWER, S. H. Urea-nitrogen applied to the leaves of certain vegetable crops. Mich. Agr. Expt. Sta. Q. B. 34:365-369. May 1952. 100 M58

74613 METCALFE, D. S. Nitrogen and grass seed production. Forage Notes 7:23-24. Apr.1952. 60.8 F74

74614 NELLER, J. R. Review of phosphate fertilizer experiments underway in Florida. (Abs.) Assoc. South. Agr. Workers. Proc. 49:47-48. 1952. 4 C82

74615 NETTLES, V. F., and HAMDI, S. The effect of soil fumigation, source of nitrogen, and levels of potash and magnesium on tomato yield. (Abs.) Assoc. South. Agr. Workers. Proc. 49:117. 1952. 4 C82

74616 NEUMAND, J. Pour une fumure rationnelle de la vigne: le diagnostic foliaire. Paysan Franç. 28 (414):9-10. June 1952. 14 P29

74617 ØDELIEN, M. Deficiency diseases of cultivated plants considered in connection with fertilizing, liming and soil conditions. (In Norwegian.) Frukt og Baer 4:151-158. 1951. 80 F9428

74618 ORR, H. P., and FURUTA, T. Fertilization of Azaleas. (Abs.) Assoc. South. Agr. Workers. Proc. 49:103-104. 1952. 4 C82

74619 ORR, H. P., and FURUTA, T. Fertilizer rates and analysis on the growth of rooted cuttings of Camellia japonica. (Abs.) Assoc. South. Agr. Workers. Proc. 49:103. 1952. 4 C82

74620 OSIPOV, O. B., and CHITCHIAN, G. A. Effect of mineral fertilizers on yields of meadows in Nagornyĭ Karabakh [Azerbaidzhan SSR]. (In Russian.) Kormovaîa Baza 2(12):25-27. Dec.1951. 60.8 K84

74621 PAGE, N. R. Effect of equivalent rates of fertilizer borate and colemanite on the yield of seed cotton. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 49. 1952. 4 C82

74622 PARRA H., J. Fertilidad en la serie de suelos Chinchina. Cent. Nac. de Invest. de Café. Bibliot. B. Inform. 3(27):31-38. Ref. Mar.1952. 68.29 C332

74623 PEREVERZEVA, A. K. Application of fertilizers to vineyards. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):34-36. Oct.1951. 95.8 V77

74624 POWERS, W. J. We can save our peach trees! N. J. Farm & Gard. 23(7):28-29. July 1952. 6 G162
Fertilization.

74625 PRIMOST, E. Einjährige feldversuche mit hohen, geteilten stickstoffgaben zu winterweizen und kartoffeln. Bodenkultur 6:61-83. Ref. 1952. 19 B635

74626 PRINCE, A. B. Residual effects of superphosphate on crimson clover. (Abs.) Assoc. South. Agr. Workers. Proc. 49:55. 1952. 4 C82

74627 PROEBSTING, E. L. How much nitrogen for almonds? Almond Facts 17(3):8. May/June 1952. 280.28 AL62

74628 RAHEJA, P. C. Why, where, when and how to green manure? Indian Farming (n.s.)2(2):28-29. May 1952. 22 In283

74629 RANCOULE, A., and OLLAGNIER, M. Fumure minérale du palmier à huile. Oléagineux 7:391-395. July 1952. 77.8 OL2

74630 RAUH, G. Organische und handelsdüngergaben nach dem ersten schnitt. Allgäuer Bauernbl. 20:278-279. May 29,1952. 18 AL53
Grasslands.

74631 REBHAN, J. Nutrient watering; liquid fertilizing system points for efficient production, lower labor costs. Florists' Rev. 110(2850):31-32,105. July 10,1952. 80 W41

74632 REISCHLE, H. Der traum des Stephan Gugenmus, griff in die luft, kunstdüngung und bodenfruchtbarkeit. Ein blick in die Versuchsstation Limburger Hof. Tech. f. Bauern u. Gärt. Ausg. A 4:124-125. Mar.25,1952. 58.8 T223

74633 REITH, J. W. S. Fertilizer placement for cereal crops. Empire J. Expt. Agr. 20:103-114. Ref. Apr.1952. 10 Em7

74634 ROBERTSON, W. K. Effect of lime on uptake of phosphorus using labeled calcium and phosphorus. (Abs.) Assoc. South. Agr. Workers. Proc. 49:54-55. 1952. 4 C82

74635 ROMANO, E. La fertilisation calcaire en Italie. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 61,4 p. 1951. 105.4 R66
French summary.

74636 ROSEAU, H. Quelques idées nouvelles au sujet de la fertilisation des sols par l'emploi des engrais. Chambre d'Agr. de Casablanca. B. 23(250):9-13,15. Feb.1952. 24 C26

74637 RUDE. Zur nachdüngung mit stickstoff auf dauergrünland. Württemb. Wchnbl. f. Landwirt. 119:581-582. June 28,1952. 18 W96

74638 SAMSON, C. F. Efficient use of fertilisers. Fert. Feed. Stuffs & Farm Supplies J. 38:429,431-432. July 9,1952. 57.8 F413

74639 SAMUELS, G. El uso del diagnóstico foliar para el abonamiento de la caña de azúcar; técnica de campo e interpretación estadística de los datos, por P. Landrau, Jr. San Juan,P. R.,1951? 7 p. 463.34 Sa4

74640 SÁNCHEZ, P. A., and others. A study on fertilization of sugar cane lands. Asoc. de Tec. Azucareros de Cuba. Proc. 24:107-128. 1950. 65.9 As5
A. Deschapelles, V. M. Echenique, and J. Celorio, joint authors.

74641 SCANLAN, R. W. Experience in using anhydrous ammonia. Amer. Seed Trade Assoc. Hybrid Corn Indus.-Res. Conf. Proc. 6:88-95. 1951. 59.9 Am32

74642 SCHEFFER. Kalkstickstoff zu hackfrüchten. Deut. Landwirt. Presse 75:143-144. June 7,1952. 18 D482

74643 SCHILLER, H. Zur frage der gipsdüngung. Bodenkultur 6:84-90. 1952. 19 B635

74644 SLITS, H. J. A. Soil and fertilizing before leek culture. (In Dutch.) Groenten en Fruit 7:913-914. May 23,1952. 80 G89

74645 SMITH, N. M. Velvet beans in Maryborough and Moreton areas. Cane Growers' Q. B. 15:139-140. Apr.1,1952. 65.9 Q3C

74646 SOKOL'SKAÍA, B. P. Effect of small portions of lime on clover and timothy yields. (In Russian.) Agrobiologiía 2:113-117. Mar./Apr.1952. 20 Ag822

74647 SOUSA, J. S. I. DE. Lime in fruit culture. (In Portuguese.) Chacaras e Quintais 85:707-708. June 15,1952. 9.2 C34

74648 STARK, F. C., and MATTHEWS, W. A. Foliar sprays help feed hungry tomatoes & cants needed minerals. Mkt. Growers J. 81(6):28. June 1952. 6 M34

74649 STRYDOM, J. C. Is lime essential to the flower garden? Farming So. Africa 26:169-170. May 1951. 24 So842

74650 SUBBIAH, B. V., and DESAI, S. V. Nitrogen and phosphorus absorption by wheat. Cur. Sci. 21:100. Ref. Apr.1952. 475 Sci23

74651 SUSLOV, A. F. Effect of nitrogen on seed yields of grasses. (In Russian.) Kormovaía Baza 3(3): 31-35. Mar.1952. 60.8 K84

74652 SWANSON, C. L. W. Why humus? Because, by actual test, it means better plants, better crops. Home Gard. 20:57-61. July 1952. 80 H756

74653 SWANSON, H. B. Atoms for peace. Minn. Farm & Home Sci. [Minn. Sta.] 9(3):7,12. May 1952. 100 M668
Radioactive phosphate fertilizer.

74654 SYMES, E. L. Leaf analysis or foliar diagnosis. Sugar J. 15(2):18-19,22-23. July 1952. 65.8 Su391

74655 THOMPSON, L. M. Soils and soil fertility. New York,McGraw-Hill,1952. 339 p. (McGraw-Hill Publications in the Agricultural Sciences) 56 T37

74656 TISDALE, S. L. Sources of nitrogen and its role in the production of flue-cured tobacco. (Abs.) Assoc. South. Agr. Workers. Proc. 49:50. 1952. 4 C82

74657 TOENJES, W. Annual orchard cover crop tests in Michigan. Mich. Agr. Expt. Sta. Q. B. 34:370-382. May 1952. 100 M58

74658 TORRES HERRERA, J. M. Sistemas científicos para el abono de los frutales. Rev. Agr. y Ganad. 13,1.e.14(146):9-10. Mar.1952. 9.4 R327

74659 TOVBORG-JENSEN, S. How to determine lime requirements of soils. (In Swedish.) Växt-Närings-Nytt 8:15-16. June 1952. 57.8 V47

74660 TREMBLAY, F. T., and HARSTON, C. B. Fertilizers for western Washington. Wash. State Col. Ext. B. 386,rev.,12 p. May 1952. 275.29 W27P

74661 TRUOG, E., CHAPMAN, C. J., and BERGER, K. C. What fertilizer should I use? Wis. Agr. Col. Ext. C. 412,4 p. Jan.1952. 275.29 W75C

74662 VALLANCE, L. G. Soil fertility investigations. Cane Growers' Q. B. 15:128-132. Apr.1,1952. 65.9 Q3C

74663 VANDERFORD, H. B. Productive soils need more fertilizer. Better Crops Plant Food 36(6):15-18, 40. June/July 1952. 6 B46

74664 WADHAM, S. M. Your soil problems. Queensland Fruit & Veg. News 2(20):15-17. Mar.28,1952. 280.38 Q3

74665 WAKE, G. C. Why did many Greenfeast pea crops fail on the North-West Coast? Tasmanian J. Agr. 23:153-156. May 1952. 23 T182T
Potassium deficiency.

74666 WARE, L. M., and JOHNSON, W. A. Certain effects of repeated applications of organic materials to vegetable crops. (Abs.) Assoc. South. Agr. Workers. Proc. 49:116-117. 1952. 4 C82

74667 WESTERMARCK, N. Commercial fertilizer as production factor. (In Swedish.) Växt-Närings-Nytt 8(6):1-2. June 1952. 57.8 V47

74668 WETTSTEIN, W. Die kalkdüngung des waldbodens. Allg. Forstztg. 63:166-167. July 1952. 99.8 AL53

74669 WILLCOX, O. W. One-plot fertilizer test. V. Theory and practice for the farmer. Sugar 47(7):40-43. July 1952. 65.8 F11

74670 WINKLER, H. "The permanent fertilizing experiment" on peat soil at Flahults Experiment Farm 1904-50. (In Swedish.) Växt-Närings-Nytt 8(5):26-28. 1952. 57.8 V47

74671 WINTERBERG, S. H. A summary of the results of field and greenhouse phosphate experiments in Tennessee. (Abs.) Assoc. South. Agr. Workers. Proc. 49:48. 1952. 4 C82

74672 WYCHE, R. H., CHEANEY, R. L., and MONCRIEF, J. B. Anhydrous ammonia as nitrogenous fertilizer for rice in Texas. Coastal Cattleman 18(3):8-9. May 1952. 43.8 C63

74673 YOUNG, L. C. Fertilizer treatment affects potato quality. Ontario Crop Impr. Assoc. Addresses & Proc. 15:141-143. 1952. 64.9 On83

Soil Tilth and Tillage

74674 DEMPSEY, P. W. Can you get and use a mulch? New Eng. Homestead 125(12):5,8. June 28,1952. 6 N442

74675 DRAKE, J., JR. Farming the other side; deep breaking helps to control dust and wind erosion in sandy western Oklahoma. Sowest. Crop & Stock 6(6):44-45. June 1952. 6 So8942

74676 FARMER, S. Taking the plough up the Devon hillsides. Power Farmer 9:22-23,24. July 1952. 58.8 P872

74677 JACOB, W. C., and RUSSELL, M. B. The effect of tillage practices on the yield of Irish Cobbler potatoes. Amer. Potato J. 29:136-141. June 1952. 75.8 P842

74678 KONITZER. Hackfruchtpflege auf leichten böden. Landwirtbl. Weser-Ems 99:486-487. May 15, 1952. 18 L2345

74679 LETTERS, R. Banana trashing. Queensland Fruit & Veg. News 2(21):29. Apr.4,1952. 280.38 Q3

74680 MCINTYRE, A. C. Wood chips can serve farmers. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 171-172. 1952. 4 C82
As a mulch and as bedding and litter.

74681 MCINTYRE, A. C. Wood chips for the land. U. S. D. A. L. 323,7 p. June 1952. 1 Ag84L

74682 ROGENT, I. Binas y escardas. Cult. Mod. 35:172. May 1952. 15 C89

74683 SCHWANTES, A. J., and others. You don't gain with deep tillage. Minn. Farm & Home Sci. [Minn. Sta.] 9(3):11-12. May 1952. 100 M668
M. J. Thompson, O. W. Swenson, and T. M. McCall, joint authors.

74684 SHAW, E. W., JR. Deep plowing in sand. Sowest. Crop & Stock 6(6):42-43. June 1952. 6 So8942

74685 SINGH, K. Effects of soil cultivation on the growth and yield of winter wheat. I. Soil cultivation and winter survivals. J. Sci. Food & Agr. 3:256-264. Ref. June 1952. 382 So12

74686 THAUVIN, P. Défoncement et sous-solage. Chambre d'Agr. de Casablanca. B. 22(243):3-5. July 1951. 24 C26

74687 TURNAS, P. A., and NAZIMOV, P. I. Accelerated utilization of brushlands. (In Russian.) Kormovafa Baza 3(3):52-54. Mar.1952. 60.8 K84
Chiefly on tillage.

74688 TYSON, J., and CRABB, G. A., JR. Comparative tillage tests at East Lansing, Michigan; a progress report. Mich. Agr. Expt. Sta. Q. B. 34:412-424. May 1952. 100 M58
Conventional moldboard plowing and stubble-mulch.

74689 WATKINS, S. B. Garden beds. Queensland Fruit & Veg. News 2(25):12-14. May 2,1952. 280.38 Q3
Tillage.

Drainage, Irrigation, Water Supply, and Flood Control

74690 AHMED, A. A. Recent experience in lift irrigation and drainage in Egypt. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:297-306. Ref. 1951. 279.9 Un32P

74691 ALDAPE-CANTU, A. El sistema de riego del Valle Central de California. Tierra [México] 7:325-326. May 1952. 8 T445

74692 ALVAREZ DE LA CADENA, G. Instrucciones generales para la localización y diseño de los canales de riego y sus estructuras. Ingen. Hidrául. en Méx. 5(4): 84-128. (Cont.) Oct./Dec.1951. 290.8 In43
English summary.

74693 AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS. SOUTHEAST SECT. COMMITTEE ON SUPPLEMENTAL IRRIGATION. Report, fiscal year 1951-52. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 165. 1952. 4 C82

74694 ANDERSON, T. C. Drainage reclaims Pease [Montana] bottom farms. Soil Conserv. 17:247-249,254. June 1952. 1.6 So3S

74695 ANTOLISEI, G. Overhead irrigation and flow irrigation. (In Italian.) Acque Bonifiche Constr. 20:362-364. July/Aug.1951. 54.8 Ac7

74696 ARNOT, E. M. Sprinkler irrigation. (In Afrikaans.) Landbouweekblad 34(1713):12-14. May 14, 1952. 24 L232
Union of South Africa.

74697 ARNOT, E. M. What sprinkler system should I get? (In Afrikaans.) Landbouweekblad 34(1714):12-13. May 21,1952. 24 L232
Overhead irrigation.

74698 BEARD, G. L. Flood control. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:331-334. 1949,pub.1951. 279.9 Un32P

74699 BECK, V. S. Water short but managed. Soil Conserv. 17:270-272. July 1952. 1.6 So3S
Efficient use of irrigation water.

74700 BERNATZKY, A. Landgewinnung und bodenverbesserung in Italien. Umschau 52:228-230. Apr.15, 1952. 474 Um7

74701 BIGLIN, D. Silt injection cures headaches for big Nebraska irrigation project. Prevents loss of water seepage damage. West. Farm Life 54(13):3,9. July 1, 1952. 6 R153

74702 BLACKSTONE, D. Let's be frank about level borders. Natl. Reclam. Assoc. Proc. 20:72-76. 1951. 55.9 N212

74703 BODDY, H. Land leveling in California. Soil Conserv. 17:259-260. June 1952. 1.6 So3S

74704 BODDY, H. Storage ponds multiply value of range. Soil Conserv. 17:276-277,285. July 1952. 1.6 So3S
Irrigation water storage ponds and dams.

74705 BOGUSLAVSKII, V. P. Construction of pond-reservoirs and basins. (In Russian.) Les i Step' 3(9):49-54. Sept.1951. 99.8 L565

74706 BOIXO, P. DE. Quelques aspects de la situation agricole au Maroc: les aménagements hydrauliques envisagés pour le nord marocain. Acad. d'Agr. de France. Compt. Rend. 39:306-307. Apr.30/May 7,1952. 14 P215Bc

74707 BOKE, R. L. River development in the Central Valley of California. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:137-140. 1949,pub. 1951. 279.9 Un32P

74708 BOSAZZA, V. L. South Africa is not engaged in drying up. (In Afrikaans.) Landbouweekblad 33(1710): 12-15. Apr.23,1952. 24 L232
Water supply and outlook.

74709 BRENNER. Grabenfräse völkenrode ein ERP-forschungsauftrag. Landbforsch. Völkenrode 2:32-34. Apr.1952. 18 L2353

74710 BROWN, A. S. The Snowy River Scheme in relation to utilization of Australia's water resources. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:141-147. 1949,pub.1951. 279.9 Un32P
Includes irrigation.

74711 BUSCA, M. Problems of Italian irrigation. (In Italian.) Riso 1(1):4-5. Feb.1952. 59.8 R49

74712 BUSCA, M. Questions concerning the irrigation cooperatives. (In Italian.) Riso 1(3):4-6. Apr.1952. 59.8 R49

74713 CAMPOY, J. La ley sobre cultivos clandestinos da una solución al problema del riego en Mendoza. Mundo Agr. 4(37):88-89. June 1952. 9 M92

74714 CRUZ, S. R. Irrigation of rice by pumping. Philippine Agr. Engin. J. 3:9-16. First Q.1952. 58.8 Ag88

74715 DAVIS, S., EVANS, N. A., and HAZEN, A. G. Estimates of irrigation water requirements for crops in North Dakota. N. Dak. Agr. Expt. Sta. B. 377,18 p. May 1952. 100 N813

74716 EHLERS, W. F. Crop evolution in California. West. Livestock J. 30(32):42,130. May 15,1952. 6 F2278
Irrigated pasture and field corn.

74717 ESHUIS, J. A. Reclamation of heathland and its cultivation. Soil Sci. 74:49-56. July 1952. 56.8 So3
Netherlands.

74718 EVANS, E. F. El Paso Valley irrigation. Sowest. Crop & Stock 6(5):11,83,87,92. May 1952. 6 So8942

74719 EYSVOOGEL, W. F. Recent developments in irrigation in Indonesia. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:382-385. 1949,pub. 1951. 279.9 Un32P

74720 EYSVOOGEL, W. F. The relationship of soil characteristics to irrigation programmes (Indonesia). United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:353-355. 1949,pub.1951. 279.9 Un32P

74721 FILAFERRO, G. Ist International Overhead Irrigation Conference. (In Italian.) Cam. di Com. Indus. e Agr. di Udine B. Uffic. (n.s.)6(3):21-22. Mar.1952. 287 Ud5

74722 FILIPOVIC, J. Land reclamation in the Federal People's Republic of Yugoslavia. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:395-398. 1949,pub.1951. 279.9 Un32P

74723 FRIEDMANN, G. Agrarian reform, reclamation and irrigation and fertilization. (In Italian.) Acque Bonifiche Constr. 20:131-135. Mar./Apr.1951. 54.8 Ac7

74724 GASPARINI, M. Overhead irrigation. (In Italian.) Italia Agr. 89:332-338. May 5,1952. 16 It1

74725 GEAR, R. D. Yuma, Arizona, an investment that makes cents! Local accomplishments of an irrigation development measured in terms of net income. Reclam. Era 38:141-144. June 1952. 156.84 R24

74726 GEVORKIAN, A. M. Irrigation of vineyards in Ararat Valley. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):42-44. Oct.1951. 95.8 V77

74727 GIANDOTTI, M. The floods of the Po. (In Italian.) Acque Bonifiche Constr. 20:565-567. Nov./Dec. 1951. 54.8 Ac7

74728 GOES, NETHERLANDS. RIJKSTUINBOUW-CONSULENTSCHAP VOOR ZEELAND EN WEST NOORD BRABANT. Uit schor en slik hun land [Their land from tideland to mire]. Goes,1951. 85 p. 56.24 G55

74729 GRASSI, C. J. Cuidados del riego. Chacra 22(260):8. July 1952. 9 C34

74730 GRIFFITH, A. L. Watershed management research in the U.S.A. Empire Forestry Rev. 31:103-114. June 1952. 99.8 Em72

74731 GRIGORYEV, A. A. Soviet plans for irrigation and power: a geographical assessment. Geog. J. 118:168-179. June 1952. 472 G29

74732 GROENEVELD, C. Strawberries and water. (In Dutch.) Fruitteelt 42:488. June 19,1952. 86 N28
Irrigation.

74733 HAKANSSON, A. Use of the tubulation method in drainage of arable land. (In Swedish.) Svensk Jordbrforsk. 1951:25-33. 11 J763

74734 HAMID, M. A. Irrigation in Pakistan. United Nations. Sci. Conf. Conserv. & Util. Resources. Proc. 4:391-394. 1949,pub.1951. 279.9 Un32P

74735 HAUGEN, Ø. Machines for ditching. (In Norwegian.) Landbrukstidende 58:404-407. May 21,1952. 11 L236

74736 HEIKES, P. E. The valley of the Milk River. 3. Milk River farmers. Reclam. Era 38:172-174. July 1952. 156.84 R24
Irrigation farming.

74737 HELLINGA, F. Is improvement of water control possible? (In Dutch.) Landbode 6(22):1. May 29,1952. 12 L234
Irrigation and drainage in the Netherlands.

74738 HELLINGA, F. Soils and water control programmes. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:363-366. 1949,pub.1951. 279.9 Un32P
Netherlands.

74739 HENDERSON, A. F. C. Irrigation water; varied quality. Queensland Fruit & Veg. News 2(20):18-19. Mar.28,1952. 280.38 Q3

74740 HENDRICKSON, A. H., and VEIHMEYER, F. J. Prune orchard irrigation; tests on influence of irrigation on the productive life of French prune on myrobalan root in Yolo loam soil. Calif. Agr. [Calif. Sta.] 6(6):10-12. June 1952. 100 C12Cag

74741 HENDRICKSON, A. H., and VEIHMEYER, F. J. Three 7.5-inch irrigations adequate for French prunes in Davis study. Sunsweet Standard 36(2):8-9. July 1952. 286.83 Su7

74742 HUDSON, A. W. Drainage as a factor in increasing production. New Zeal. Grassland Assoc. Proc. 13:139-148. 1951. 60.19 N48
Includes discussion.

74743 HUFFMAN, R. E. 50 years of Federal land reclamation. Mont. Farmer-Stockman 39(20):7. June 15,1952. 6 M764

74744 IAZVITSKII, M. N. Autumnal preparation for retention of spring freshets in orchards. (In Russian.) Sad i Ogorod 11:28-29. Nov.1951. 80 Sa13
Measures for snow retention.

74745 IDAHO. UNIVERSITY. COLLEGE OF AGRICULTURE EXTENSION SERV. Irrigated pastures for Idaho farms. Idaho. Agr. Col. Ext. B. 190,18 p. Mar. 1952. 275.29 Id13

74746 IRMAY, S. Water storage in the Negeb. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:105-111. 1949,pub.1951. 279.9 Un32P
Includes irrigation.

74747 JAUME, L. Equipement agricole collectif des Bouches-du-Rhone. Bouches du Rhône Agr. 24(1075):3. (Cont.) June 1,1952. 14 B662
Installment deals with irrigation.

74748 JELMONI, E. With reference to the science conference; a minor problem of soil protection. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:193-194. May 1952. 16 C72
Reclamation.

74749 JENSEN, M. C., LEWIS, G. C., and BAKER, G. O. Characteristics of irrigation waters in Idaho. Idaho. Agr. Expt. Sta. Res. B. 19,44 p. Feb.1951. 100 Id1

74750 JOHNSON, G. D. Irrigation—will it work on your farm? Successful Farming 50(7):40,70-71. July 1952. 6 Su12

74751 JONES, L. A. Drainage of land for production. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:405-407. 1949,pub.1951. 279.9 Un32P

74752 JONES, L. A. Effects of drainage on agricultural production. Agr. Engin. 33:415-416. July 1952. 58.8 Ag83

74753 JÓNSSON, S. Drainage. (In Icelandic.) Freyr 47:156. May 1952. 11 F89

74754 JUVA, K. Soils and water control by reclamation management. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:366-369. 1949,pub.1951. 279.9 Un32P

74755 KALINSKI, A. Some aspects of irrigation in Greece. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:378-382. 1949,pub.1951. 279.9 Un32P

74756 LANGFORD-SMITH, T. Water-supply in the agricultural areas of Western Australia. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:158-162. 1949,pub.1951. 279.9 Un32P

74757 LANZA, F. Irrigation par aspersion avec des eaux titrées. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 62,8 p. 1951. 105.4 R66
French summary.

74758 LOTZ, J. VAN Z. Water harnessed to furnish irrigation water. (In Afrikaans.) Landbouweekblad 34 (1714):9-10. May 21,1952. 24 L232
Union of South Africa.

74759 LUGO LOPEZ, M., and MARTINEZ, M. B. Drainage practices and problems in Puerto Rico. Agr. Engin. 33:430. July 1952. 58.8 Ag83

74760 LUQUE LOBOS, J. A. Elementos de conducción del agua de riego. Mundo Agr. 4(37):54-55. June 1952. 9 M92

74761 MCCLYMONDS, A. E. Other farmers liked what they saw. Soil Conserv. 17:244-246. June 1952. 1.6 So3S
Organization of the Grant Township Drainage District, Kansas, and the drainage system in the area.

74762 MARINI, P. Rhabdomancy in legend and popular belief. (In Italian.) Terra e Sole 118:203-204. June 1952. 16 T273

74763 MARZIANTONIO, D. DI. Reclamation of the Agro Romano. (In Italian.) Agr. Romano 4(1):1-2. Jan.1/15,1952. 16 Ag8225

74764 MEADE, M. The Missouri River Basin, proposals for development. Lawrence,Kan.,1952. 69 p. (Kansas. University, Lawrence. Bureau of Government Research. Citizien's Pamphlet Series 11) 290 M462M

74765 MISSOURI. DEPT. OF BUSINESS AND ADMIN. DIV. OF RESOURCES AND DEVELOPMENT. Report on the cooperative survey for the development of land and water resources in the Grand River Basin, Missouri. Jefferson City?1951. 36 p. 292 M692

74766 MOVSISIANTS, A. P. Organization of feed supply base in the districts of the great projects of communism. (In Russian.) Sotsialist. Zhivotnovod. 13 (12):45-50. Dec.1951. 49 So71
Chiefly on irrigation of pastures.

74767 MUNNS, E. N. Yield and value of water from western national forests. J. Forestry 50:464-468. June 1952. 99.8 F768

74768 NATIONAL RECLAMATION ASSOCIATION. Proceedings of the twentieth annual meeting, Herring Hotel, Amarillo, Texas, October 17, 18, 19, 1951. Washington,1951. 286 p. 55.9 N212

74769 NETHERLANDS. CULTUURTECHNISCHE DIENST. Drainage of land for production. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4: 399-405. 1949,pub.1951. 279.9 Un32P
Netherlands.

74770 OLIVIER, B. J. Engineers plan to bring water of Okovango to tsetse-free grasslands. Veldtrust 13(4): 16-19,32. Apr.1952. 56.8 V54

74771 ORLOVA, T. G. Planting grapes by the flooding method with mechanized watering. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):33. Oct.1951. 95.8 V77

74772 OVERHOLT, V. Irrigate pastures for more feed in dry weather. Ohio Farmer 210(2):3,25. July 19, 1952. 6 Oh3

74773 PAPANICOLAOU, D. Summary report on Greece's water economy. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:407-408. 1949,pub. 1951. 279.9 Un32P

74774 PERSSON, S. Irrigation ditches machines. (In Swedish.) Svensk Jordbrforsk. 1951:263-272. 11 J763

74775 PETERSON, N. L. The conservation of water as applied to individual farms. Natl. Reclam. Assoc. Proc. 20:55-57. 1951. 55.9 N212

74776 PETTIS, A. M. Power for irrigation in Florida. Rur. Electrif. 10(9):66. June 1952. 335.8 N21

74777 PIRNIA, H. Experience in the integrated development of a river basin;excerpt from an economic report on the conservation and utilization of the natural resources of Iran. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:162-165. 1949,pub.1951. 279.9 Un32P
Includes irrigation.

74778 QUAGLIOTTI, C. Toward an awareness of forest and mountain problems. (In Italian.) Humus 8(3): 17-19. Mar.1952. 16 H88
Reclamation.

74779 REGER, J. S. Coachella drainage investigations. 2. Investigating the underground. Reclam. Era 38:134-136. June 1952. 156.84 R24

74780 REGER, J. S. Coachella drainage investigations. 3. Using the evidence. Reclam. Era 38:160-162. July 1952. 156.84 R24

74781 RICHARDS, B. D. Estimation of flood runoff. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:48-52. 1949,pub.1951. 279.9 Un32P

74782 RICHTER, H. Die aufgaben und leistungen der wildbach- und lawinenverbauung nach dem zweiten weltkriege. Osterr. Vrtljahresschr. f. Forstw. 93:1-13. 1952. 99.8 Oe8

74783 RIDDELL, J. O. Development of irrigation in a semi-humid climate: the Ashburton-Lyndhurst Project, New Zealand. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:375-378. 1949,pub.1951. 279.9 Un32P

74784 RIDIGER, V. R. Attachment for constructing mole drainage. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):53-54. Sept.1951. 95.8 V77

74785 RIEDEL, D. Geräte zur reinigung von gräben, vorflutern und verschilften gewässern. Deut. Agrartech. 2:76-78. Mar.1952. 58.8 D482

74786 RIEDEL, D. Die moordränung. Deut. Agrartech. 2:108-115. Apr.1952. 58.8 D482

74787 RODRIGUEZ L., A. Recent developments in irrigation in Mexico. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:388-391. 1949,pub.1951. 279.9 Un32P

74788 SACCHI, G. Forest hydraulic reclamation of mountain basins. (In Italian.) B. dell'Agr. 86(20):1-2. May 16,1952. 16 B87
Italy.

74789 SAMPIETRO, G. Consumption of irrigation water in rice fields. (In Italian.) Riso 1(1):6. Feb.1952. 59.8 R49

74790 SAVAGE, Z. Irrigation. Citrus Mag. 14(10): 17-18. June 1952. 80 C498

74791 SCHRICK, R. J. The Columbia Basin Project; largest reclamation job in U. S. history to bring water to more than one million thirsty acres. Pacific Grange Farmer, p. 1-3. In Grange News 41(27). July 4,1952. 6 Ag893

74792 SCHURTER, W. The Federal supervision of water policy in the interests of soil conversation in Switzerland. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:183-185. 1951. 279.9 Un32P

74793 SEVIAN, V. J. Economic utilization and development of the water resources of the Euphrates and Tigris. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:148-157. 1949,pub.1951. 279.9 Un32P

74794 SMITH, J. L., and CRABB, G. A., JR. Progress report on the wooded watershed of the Michigan Hydrologic Research Station. Mich. Agr. Expt. Sta. Q. B. 34:383-394. May 1952. 100 M58

74795 SMITH, J. T. Development of irrigation farms with special reference to irrigation and crop production under desert conditions as observed in Saudi Arabia. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:385-388. 1949,pub.1951. 279.9 Un32P

74796 SMITH, S. The Kaw Valley flood. Kans. State Bd. Agr. Rpt. 81(308):32-33. June 1952. 2 K13Re

74797 SOUTH AFRICA. IRRIGATION DEPT. Photographs of some of the dams built in South Africa by the Irrigation Department. Pretoria,1952. 5 p. 292 So8P
Text in English and Dutch.

74798 STAFFORD, H. M., and HUBERTY, M. R. Soil characteristics and salinity in relation to irrigation and drainage. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:357-362. 1949,pub.1951. 279.9 Un32P

74799 STONE, C. H. Colorado's 100 years of irrigation. Reclam. Era 38:137-138,140. June 1952. 156.84 R24

74800 STRAUS, M. W. Recent developments in irrigation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:369-375. Ref. 1949,pub.1951. 279.9 Un32P

74801 SWEETSER, G. A. Some facts about water. Amer. Rose Mag. 10(6):11-12. June 1952. 80 Am327A

74802 TEMPLETON, L. How to prevent floods; the lesson of the Muskingum Watershed. Harper's Mag. 205 (1226):88-91. July 1952. 110 H23

74803 TINDALL, C. Wet spots are a nuisance. Mo. Rur. 93(12):4-5,24. June 28,1952. 6 R8891
Tile drainage.

74804 TOMLINSON, B. R. Comparison of the Blaney-Criddle method for estimating the consumptive use of water for mountain meadows. Wyo. Range Mangt. 48,5 p. June 1952. 60.19 W99

74805 TORRIONE, A. Irrigation and hydroelectric utilization of the Aosta Valley. (In Italian.) Acque Bonifiche Constr. 20:246-249. May/June 1951. 54.8 Ac7

74806 UNITED NATIONS SCIENTIFIC CONFERENCE ON THE CONSERVATION AND UTILIZATION OF RESOURCES, LAKE SUCCESS, 1949. Proceedings, 17 August—6 September 1949, Lake Success, New York. Volume IV, Water resources. New York,1951. 466 p. 279.9 Un32P

74807 U. S. BUR. OF RECLAMATION. Equitable payments. U. S. Bur. Reclam. Columbia Basin Joint Invest. Prob. 12,63 p. 1952. 156.84 C72
Payments for irrigation.

74808 U. S. CONGRESS. HOUSE. COMMITTEE ON APPROPRIATIONS. Additional flood rehabilitation appropriations for 1952. Hearings, 82d Cong., 2d sess. Washington,1952 37 p.

74809 U. S. CONGRESS. HOUSE. COMMITTEE ON APPROPRIATIONS. Missouri River channel stabilization and navigation project. Hearings, 82d Cong., 2d sess. Washington,1952. 47 p.
Includes testimony on benefits to agricultural lands.

74810 U. S. CONGRESS. HOUSE. COMMITTEE ON PUBLIC WORKS. Study of civil works, No. 82-16. Hearings, 82d Cong., 2d sess. Pt. 2—Department of Agriculture, members of Congress and interested individuals, April 22, 23, 24, 25, and May 8, 9, 1952. Washington, 1952. p.187-387.
Flood control, irrigation, and other projects.

74811 U. S. CONGRESS. SENATE. COMMITTEE ON INTERIOR AND INSULAR AFFAIRS. Amendatory repayment contracts North Platte project. Hearing, 82d Cong., 2d sess. on S. 2720, a bill to approve contracts negotiated with the Gering and Fort Laramie Irrigation District, the Goshen Irrigation District, and the Pathfinder Irrigation District, and to authorize their execution; to authorize the execution of contracts with individual water-right contractors on the North Platte Federal Reclamation Project and with the Northport Irrigation District; and for other purposes, April 25, 1952. Washington,1952. 71 p.

74812 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. The great flood. U. S. D. A. Agr. Inform. B. 81,37 p. Apr.1952. 1 Ag84Ab
Chiefly illustrations of the flood that ravaged most of Kansas and neighboring States in July 1951.
Includes control measures.

74813 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. The inside story of flood control, by K. T. Hutchinson, R. M. Salter, L. F. Watts, and B. Crom. Washington,1952. 3 p. 1.914 R2R11

74814 VAN BAVEL, C. H. M., and WILSON, T. V. Evapotranspiration estimates as criteria for determining time of irrigation. Agr. Engin. 33:417-418,420. Ref. July 1952. 58.8 Ag83

74815 VAN BAVEL, C. H. M. Irrigation research and soil moisture measurement. (Abs.) Assoc. South. Agr. Workers. Proc. 49:169-170. 1952. 4 C82

74816 VANZETTI, C. Directives for land transformation in the Cellina-Meduna reclamation plan in Friuli. (In Italian.) Gior. di Agr. 62:197. June 29,1952. 16 It1G

74817 VELATTA, M. The present state of sprinkler irrigation technique; technical considerations and proposals for a plan of systematic research. (In Italian.) Macch. e Motori Agr. 10:447-459. May 1952. 58.8 M13

74818 VERHOEVEN, B. Embankment and cultivation of marine foreland. Soil Sci. 74:91-95. July 1952. 56.8 So3
Netherlands.

74819 VIGGIANI, G. The Gallitello Reclamation Society. (In Italian.) Monti e Boschi 3:58-65. Feb.1952. 16 M76
English summary.
Water control measures.

74820 WITTEVEEN, C. J. Flood control. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4: 326-331. 1949,pub.1951. 279.9 Un32P

74821 WOODFORD, T. V. Costs and benefits of canal linings. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4:314-317. 1949,pub.1951. 279.9 Un32P
Irrigation canals.

74822 ZUUR, A. J., Drainage and reclamation of lakes and of the Zuiderzee. Soil Sci. 74:75-89. Ref. July 1952. 56.8 So3

74823 ZUURVEEN, H., and VISSER, W. C. Loss of land from ditches in river clay soils. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:138-142. Apr.1952. 12 N383M

Erosion and Erosion Control

74824 ANTEVS, E. Arroyo-cutting and filling. J. Geol. 60:375-385. Ref. July 1952. 403 J82

74825 ATSBURY, A. The richness of the black fens. It came from peat, and now the problem for many who dwell there is to stop it turning into dust. Field 200:14-15. July 5,1952. 10 F45
Great Britain.

74826 BARKER, W. E. A bold experiment in the grim Sandveld—Maize Board buys ruined farm to show how it can be healed and made to produce maximum capacity without damage to the soil. Veldtrust 13(4): 20-21,31-32. Apr.1952. 56.8 V54
Soil conservation.

74827 BEATTIE, J. A. Soil characteristics and soil conservation. N. S. Wales. Soil Conserv. Serv. J. 8:87-91. Apr.1952. 56.9 N472

74828 BENNETT, H. H. Soil conservation in the Americas. Washington,U. S. D. A., Off. Sec.,1952. 8 p. 1.96 Ad62
Talk at the First Inter-American Commerce and Industry Conference, Houston, Apr. 24, 1952.

74829 BETANCOURT V., H. Defensa y restauración de suelos. Agr. Trop. 8(5):45-46. May 1952. 26 Ag8

74830 BLANDFORD, C. M. Soil erosion and soil conservation in the Parkville district. N. S. Wales. Soil Conserv. Serv. J. 8:17-20. Jan.1952. 56.9 N472

74831 BROWN, G. F. Grass - the romantic tool of conservation. Washington,U. S. Soil Conserv. Serv.,1952. 12 p. 1.96 Ad6Bro
Talk at meeting of the American Seed Trade Association, Chicago, Jan. 24, 1952.

74832 BRUNE, G. M. Technicians fly to speed work. Soil Conserv. 17:284-285. July 1952. 1.6 So3S
Use of the airplane in measuring rates of gully and stream-bank erosion.

74833 BURDAEV, M. I. Best pine species for planting on the sands of the Don. (In Russian.) Les i Step' 3 (9):83-84. Sept.1951. 99.8 L565

74834 CALIFORNIA. DEPT. OF NATURAL RESOURCES. Know California's land; a land-capability guide for soil and water conservation in California, by L. R. Wohletz, and E. F. Dolder. Sacramento,1952. 43 p. 282.010 C125
U. S. Soil Conservation Service cooperating.

74835 CARR, F. F. Use of rotated crops in contour strips for soil and water conservation. (Abs.) Assoc. South. Agr. Workers. Proc. 49:160. 1952. 4 C82

74836 CHEREMISINOV, G. A. The combat with drought and soil erosion in the forest-steppe. (In Russian.) Les i Step' 3(9):58-65. Sept.1951. 99.8 L565

74837 CONDON, R. W. Soil conservation in the western division. N. S. Wales. Soil Conserv. Serv. J. 8: 21-27. Jan.1952. 56.9 N472

74838 CORREA, A. A. M. The basin system in combating erosion. (In Portuguese.) Rev. dos Criadores 23 (3):22. Mar.1952. 43.8 R32

74839 DAVIS, W. S., JR. Soil conservation is people. n.p.,1951? 11 p. 56.7 D292S

74840 DE JONG, P. The soil of the State. Planters' Chron. 47:209-210. (Cont.) Apr.15,1952. 22 P693
Madras.

74841 DOGGETT, J. F. 4-H boys & girls demonstrate soil & water conservation. Better Crops Plant Food 36(6):22,36-37. June/July 1952. 6 B46

74842 DUBIANSKII, V. A. Plantations-filters for holding back the sand deposits from the ravines of the Don and its tributaries. (In Russian.) Lesn. Khoz. 4(9): 60-69. Sept.1951. 99.8 L5622

74843 DUBIANSKII, V. A. Stabilization, afforestation and utilization of sand dunes and sandy soils. (In Russian.) Lesn. Khoz. 4(10):14-17. Oct.1951. 99.8 L5622

74844 ELLISON, W. D. Raindrop energy and soil erosion. Empire J. Expt. Agr. 20:81-97. Ref. Apr.1952. 10 Em7

74845 GLOVER, SIR H. A tour in Latin America. VI-VII. Empire Forestry Rev. 31:115-119. June 1952. 99.8 Em72
Soil erosion in Latin America and U.S.A.

74846 GUERNSEY, W. J. Kentucky farmers rediscover Sericea. Soil Conserv. 17:286-287. July 1952. 1.6 So3S
In soil erosion control.

74847 HAMMAR, I. Soil erosion in North Africa. (In Swedish.) Skogsägaren 28:123-127. June 1952. 99.8 Sk55

74848 HARGRAVES, M. M. Soil conservation. Outdoor Amer. 17(4):25-26. July/Aug.1952. 410 Iz1

74849 HARRIS, J. S. Further development of Inverell Soil Conservation Research Station. N. S. Wales. Soil Conserv. Serv. J. 8:82-86. Apr.1952. 56.9 N472

74850 HAWK, V. B. Influence of soil conservation movement on forage seed production. Forage Notes 7:22-23. Apr.1952. 60.8 F74

74851 HERBORN, A. W. Soil conservation [Australia]. Wilcox Mofflin Q. 7(1):8-9,11-12. Apr.1952. 23 W64

74852 HUNTER, G. L. Great Basutoland [South Africa] conservation scheme nears completion; Government, chiefs and people co-operate to preserve soil and water by simple measures; solution to problems of mountains and lowlands. Farmer's Wk. [Bloemfontein] 82:12-13,15,17,61. Nov.21,1951. 24 F225

74853 INMAN, B. T. Why don't farmers do more to stop soil erosion? Agr. Situation [Washington] 36(6):9-10. June 1952. 1 Ec7Ag

74854 JOHNSON, J. A. The use of shrub Lespedeza for soil and water conservation and food for wildlife. (Abs.) Assoc. South. Agr. Workers. Proc. 49:160. 1952. 4 C82

74855 KOBLET, R. Uber den schutz des kulturbodens Schweiz. Natschutz. 18:48-50. May 1952. 279.8 Sch9

74856 KRAGH, G. Landespflege als berufsziel des diplomgärtners. Diplomlandwirt 2:62-63. June 1952. 18 D62
Germany.

74857 LATHROP, W. H. From the dust of the earth. U. S. D. A. Agr. Inform. B. 78,16 p. 1952. 1 Ag84Ab
Soil conservation.

74858 LIGHTFOOT, L. C. The soil—our basic asset; water erosion control. I. West. Austral. Dept. Agr. J. (ser.3)1:249-256. Mar./Apr.1952. 23 W52J

74859 LOGAN, J. M. The importance of wise land usage. N. S. Wales. Soil Conserv. Serv. J. 8:53-62. Apr. 1952. 56.9 N472

74860 MCCALL, J. D. East Texas in era of conservation; miracle wrought by terracing, contouring, construction of dams and scientific crop rotation. East Tex. 26(9):6,14. June 1952. 6 Ea73

74861 MCCORMICK, C. J. Our greatest opportunity. Washington,U. S. D. A.,Off. Sec.,1952. 10 p. 1.91 A2M132
Talk at meeting of Columbia Basin Field Committee, Portland, May 21, 1952.
Land and water conservation.

74862 MCMAHON, C. G. Control of erosion on dairying lands. N. S. Wales. Soil Conserv. Serv. J. 8:40-46. Jan.1952. 56.9 N472

74863 MATHER, H. J. Trash cover prevents soil erosion. Line Elevators Farm Serv. C. 14,7 p. June 1951. 59.9 L64

74864 MENDOZA, F. L. How may we control our soil from destructive erosion. Agr. & Indus. Life 14(5): 17,46. May 1952. 25 Ag8
Philippines.

74865 MERRILL, L. P. Hairy vetch rescues the Cross Timbers. Soil Conserv. 17:249-251. June 1952. 1.6 So3S
Soil and water conservation in Texas and Oklahoma.

74866 MORT, G. W., and HEWITT, B. R. Vegetation survey of the marine sand drifts of New South Wales; some remarks on useful stabilising species. N. S. Wales. Soil Conserv. Serv. J. 8:63-71. Apr.1952. 56.9 N472

74867 MOSTI, A. Reclamation of soils. (In Italian.) Spezia Agr. 7(5):2. (Cont.) May 1,1952. 16 Sp3
Installment deals with terracing in Italy.

74868 MULLOON, V. I. The garden hose—U-tube level. Trop. Agr. [St. Augustine] 28:228-230. July/Dec. 1951. 26 T754
For determining contour levels.

74869 MYERS, H. E. Reclaiming our soils. Kans. State Bd. Agr. Rpt. 81(308):42-48. June 1952. 2 K13Re
Erosion control and soil building.

74870 NICHOLAS, H. T. Erosion control on orchard lands in the Orange District. N. S. Wales. Soil Conserv. Serv. J. 8:72-76. Apr.1952. 56.9 N472

74871 OREGON. AGRICULTURAL EXPERIMENT STATION. Soil and water conservation and use. Oreg. Agr. Expt. Sta. Oreg. Agr. 9,75 p. Mar.1952. 100 Or3O

74872 ORR, R. E. Soil erosion and its control. Power Farming Austral. & New Zeal. 61(4):21,23,97,101, 105,107. Apr.1952. 58.8 P87
Includes discussion.

74873 PETTIT, G. M. Results of wise land use on Wellington Research Station. N. S. Wales. Soil Conserv. Serv. J. 7:180-188. Oct.1951. 56.9 N472
Soil erosion control.

74874 POUQUET, J. L'érosion. Paris,Presses Universitaires de France,1951. 126 p. (Que Sais-Je?) 56.7 P86

74875 POWELL, T. A valley is reclaimed. Rur. New-Yorker 102:442,447-448. July 5,1952. 6 R88
Conservation program, Brandywine Valley of Delaware and Pennsylvania.

74876 RAUSTADT, R. P. County agents teach conservation. Conserv. Volunteer 15(87):1-5. May/June 1952. 279.8 C765
Soil conservation in Minnesota.

74877 RESEARCH-OPERATIONS TECHNICAL CONFERENCE, LINCOLN, 1952. Summary of papers presented, Jan. 14-18,1952. Vegetation and soil management for conservation. Lincoln,U. S. Soil Conserv. Serv.,1952. 89 p. 1.9607 Su62

74878 ROBERTSON, T. C. Erosion: is climate or man the culprit? Veldtrust 13:16-17,19. Jan.1952. 56.8 V54

74879 ROBERTSON, T. C. When the soil dies the nation dies. Veldtrust 13(5):6-7,30,32. May 1952. 56.8 V54

74880 ROTH, B. A. Science tackles mountain slopes. Soil Conserv. 17:274-275. July 1952. 1.6 So3S
Soil and water conservation on a mountainside in New Hampshire.

74881 SALTER, R. H. Our soil, a local, state and national problem. Va. Wildlife 13(7):9-11. July 1952. 410 V81

74882 SALTER, R. M. Soil conservation increases production. Ext. Serv. Rev. 23:92,108. June 1952. 1 Ex892Ex

74883 SÃO PAULO, BRAZIL. DEPT. DE ENGENHARIA E MECANICA DA AGRICULTURA. DIV. DE CONSERVAÇÃO DO SOLO. Em defesa do solo [Soil conservation]. São Paulo,1951? 15 p. 56.7 Sa65

74884 SEVERSON, H. Spotlighting conservation. Farm Impl. News 73(12):42-43,72. June 25,1952. 58.8 F22

74885 SHARPE, G. A mountain [4-H] camp where boys and girls learn about conservation. Soil Conserv. 17:252-254. June 1952. 1.6 So3S

74886 SMITH, A. W. The wealth we wasted. Atlantic Mon. 190(2):55-59. Aug.1952. 110 At6
Lack of soil conservation in earlier times.

74887 SOIL CONSERVATION SOCIETY OF AMERICA. Down the river. Des Moines,1952. 16 p. 56.7 So3

74888 STANFORD, J. K. Planning to lose land; the menace of authoritarian erosion—and the good acres that are being allowed to go to waste. Field 200:19. July 5,1952. 10 F45
Great Britain.

74889 STORY, C. G. Flood erosion damage, Mackay District, 1951. Cane Growers' Q. B. 15:141-144. Apr.1, 1952. 65.9 Q3C

74890 SUÁREZ DE CASTRO, F. El uso de los terrenos agrícolas colombianos y su influencia sobre la erosion de los suelos. Cent. Nac. de Invest. de Café. Bibliot. B. Inform. 3(27):24-30. Mar.1952. 68.29 C332

74891 SUNDHEIMER, P. W. Erosion control in harvesting timber crops. (Abs.) Assoc. South. Agr. Workers. Proc. 49:172-173. 1952. 4 C82

74892 TAMAYO, F. Informe general sobre el problema caprino en Carache, Estado Trujillo. Caracas, Ministerio de Agricultura y Cría. Sección de Divulgación, 1951. 18 p. 279:169 T15
Problems of soil erosion and reforestation.

74893 TAYLOR, T. P. Soil conservation and the farmer. N. S. Wales. Soil Conserv. Serv. J. 7:171-179. Oct.1951. 56.9 N472

74894 TEWKSBURY, A. R. Water disposal and spillway provision on Scone Research Station. N. S. Wales. Soil Conserv. Serv. J. 8:77-81. Apr.1952. 56.9 N472

74895 TSCHERMAK, L. Sind "alle" wüsten und steppen menschenwerk? Osterr. Vrtljahresschr. f. Forstw. 93:14-20. Ref. 1952. 99.8 Oe8

74896 U. S. SOIL CONSERVATION SERV. Growth of conservation districts and additions; national totals by fiscal years, 1944 to 1951, inclusive. Washington?1951. 1 p. 1.96 Ad6Grow

74897 U. S. SOIL CONSERVATION SERV. PACIFIC REGION. Annual report, 1951. Portland?1952? 6 p. 1.9609 An73

74898 U. S. SOIL CONSERVATION SERV. SOUTHWEST REGION. Annual report fiscal year 1951. Albuquerque,1951? 21 p. 1.9608 An7

74899 VOELKER, S. W. Land-use ordinances of Soil Conservation Districts in Colorado. Colo. Agr. Expt. Sta. Tech. B. 45,55 p. Mar.1952. 100 C71S

74900 WARBURTON, J. H. Soil conservation in the Cootamundra District. N. S. Wales. Soil Conserv. Serv. J. 7:199-204. Oct.1951. 56.9 N472

74901 WEBER, C. County officials smooth the way. Soil Conserv. 17:243-244. June 1952. 1.6 So3S
County owned equipment provided for terrace building in Sedgwick County, Colorado.

74902 WHITAKER, J. R. Erosion of farmery sites in the Nashville Basin of middle Tennessee. Econ. Geog. 28:207-211. July 1952. 278.8 Ec7

74903 WORLEY, L. D. Land use and water disposal planning. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 165-166. 1952. 4 C82
Soil conservation and management.

Sanitation

74904 CANHAM, A. E. Electrode soil sterilizing (Preliminary report). Leatherhead,Surrey,1951. 11 p. (British Electrical and Allied Industries Research Association. Technical Report. Reference W/T21) 335 C166E

74905 CICCARONE, A. Results of fumigation for nematodes in soils rich in fleshy vegetable organs presenting live galls of Heterodera marioni (Cornu) Goodey. (In Italian.) Sta. di Patol. Veg. B. 8:181-186. 1950,pub. 1952. 464.9 R662
English summary.

74906 RANKIN, H. W. Tests with fungicidal soil fumigants. (Abs.) Assoc. South. Agr. Workers. Proc. 49:130. 1952. 4 C82

74907 SPONE, K. Disinfection of soil through electricity. (In Norwegian.) Gartneryrket 42:411-414. (Concl.) June 7,1952. 80 G1938

74908 SPONE, K. Disinfection of soil with electricity. (In Norwegian.) Gartneryrket 42:395-398. (Cont.) May 31,1952. 80 G1938

MATERIALS FOR SOIL IMPROVEMENT

74909 CATEL, W. Zur alten streitfrage: künstlicher oder natürlicher dünger? Umschau 52:260-261. May 1, 1952. 474 Um7

74910 JOFFE, J. S. The relative merits of organic and inorganic sources of plant nutrients. Subtrop. Gard. 5(5):7,14-17. Mar./Apr.1952. 80 Su13

74911 RAYCHAUDHURI, S. P. Fertilisers and manures—what practical agriculturists think about it. Indian Farming (n.s.)2(2):24-26. May 1952. 22 In283
Effects on yields.

Primary Materials

74912 ANDREWS, W. B. Anhydrous ammonia and ammonium nitrate in solution as sources of nitrogen. (Abs.) Assoc. South. Agr. Workers. Proc. 49:32. 1952. 4 C82

74913 VANDONI, O. NPK, nitrogen, phosphorus, potash. (In Italian.) Solo 42(89):33,35,37-38. Jan./Feb. 1952. 9.2 So4

Secondary and Minor Element Materials

74914 BERGER, K. C. Is magnesium needed for potatoes? Badger Common 'Tater 5(5):2. May 1952. 75.8 B14

74915 CHERIAN, P. P. Possible effect of trace and secondary plant food elements on rubber trees. Planters' Chron. 47:206-207. Apr.15,1952. 22 P693
Hevea.

74916 GILLIER, P., and ORGIAS, A. Action des oligoéléments sur l'arachide. Oléagineux 7:411-412. July 1952. 77.8 OL2
English summary, p. 441.

74917 HUGI, T. Die spurenelemente, ihr nachweis und ihre bedeutung. Schweiz. Arch. f. Tierheilk. 94: 402-411. June 1952. 41.8 Sch9
English summary.
Review of the organization and functions of the Macaulay Institute for Soil Research, Aberdeen.

74918 KARLSSON, N. Molybdenum in soils. (In Swedish.) Lantmannen 36:518-519. June 28,1952. 11 L234
Effects on plants and livestock.

74919 KISSER, J. Zum problem der spurenelemente. Bodenkultur 6:106-110. 1952. 19 B635

74920 LOBB, W. R. Molybdenum investigations in North Otago. New Zeal. J. Agr. 84:356-357. May 1952. 23 N48J
Effect of use of molybdenum on pasture production.

74921 LUNDBLAD, K. Cobalt fertilizer experiments on marshes in Norrland. (In Swedish.) Växt-Närings-Nytt 8(5):43-48. 1952. 57.8 V47

74922 MURRAY, F. C. Trace elements. Golden Gard. 16(9):5,19. July 1952. 80 G56

74923 SHEAR, C. B. How much zinc is profitable. Amer. Tung News 3(6):9-10. June 1952. 307.8 Am33
Fertilizer for tung orchards.

Mixed Fertilizers and Fertilizer Technology

74924 FOX, E. J., and HILL, W. L. Superphosphate acidulation with mixtures of sulfuric and phosphoric acids. Indus. & Engin. Chem. 44:1532-1536. July 1952. 381 J825

74925 HILL, W. L. Elemental phosphorus and phosphoric acid in fertilizer industry. Indus. & Engin. Chem. 44:1526-1532. Ref. July 1952. 381 J825

74926 MANNELLI, G. Determination of P_2O_5 in superphosphates. (In Italian.) (Abs.) Chim. e l'Indus. 34:238. Apr.1952. 385 G43

74927 MITCHELL, J., DEHM, J. E., and DION, H. G. The effect of small additions of elemental sulphur on the availability of phosphate fertilizers. Sci. Agr. 32:311-316. June 1952. 7 Sci2

74928 OLDE RIEKERINK, H. J. Warenkennis van de kunstmeststoffen [Information on fertilizers]. Ed. 3. Zwolle,Tjeenk Willink,1951. 191 p. 57.2 OL1

74929 VELTMAN, G. H. Verfahren zur schnellbestimmung der phosphorsäure aller löslichkeitsformen und konzentrationen in düngemitteln und rohphosphaten mit dem lichtelektrischen colorimeter. Z. f. Anal. Chem. 135:340-349. 1952. 384 Z3

74930 WISCONSIN. DEPT. OF AGRICULTURE. Commercial fertilizers,—1952. Wis. Dept. Agr. B. 312, 36 p. Mar./Apr.1952. 2 W752Bu

Fertilizer Statistics

74931 COUILLENS, M. Pour accroître la consommation d'engrais. B. des Engrais 339:43-46. Mar.1952. 57.8 B87
France.

74932 DE BEAUSSET, V. S. Present and future development of the nitrogenous fertilizer industry in Taiwan. Chin.-Amer. Econ. Coop. 1(4):67-70. Apr.1952. 173.2 M98C

74933 FRICKE, E. F. Purchasing fertilisers. Tasmanian J. Agr. 23:157-159. May 1952. 23 T182T

74934 GRIEM, W. B. Wisconsin fertilizer statistics—1951. Wis. Dept. Agr. B. 312:3-6. Mar./Apr. 1952. 2 W752Bu

74935 HAASE. Zum richtigen lagern von handelsdüngern. Landwirtbl. Weser-Ems 99:580-581. June 12, 1952. 18 L2345

74936 HAUER, E. Erfolgreiche düngerwirtschaft. Ed. 3, rev. & enl. Graz,Stocker,1951. 167 p. 57 H29

74937 KAGEYAMA, C. Dojyo hiryo to noyaku (Soil, fertilizer, and farming chemicals). Tokyo,Maki Shobo, 1951. 307 p. 395 K11

74938 LIMA, P. Production of fertilizers in Brazil. (In Portuguese.) Soc. Rur. Bras. Rev. 32(375):30-32. Apr.1952. 9.2 B733

74939 MATTHEWS G., C. El nitrógeno de salitre de Chile como substituto del azufre en la manufactura de fertilizantes en América Latina. Agrario 18,i.e.17(433): 18-19,24. 1952. 9.3 Ag85

74940 MINOR, W. A. Our job in fertilizer utilization. Washington,U. S. D. A.,Off. Sec.,1952. 10 p. 1.91 A2M66
Talk at Conference of the American Plant Food Council, Hot. Springs, Va., June 21, 1952.

74941 NICOL, H. Fertilisers and fuel. Fert. Feed. Stuffs & Farm Supplies J. 38:407-409. June 25 1952. 57.8 F413

74942 RANKIN, B. I. India builds a fertilizer plant. Foreign Trade 11:809-810. June 28,1952. 286.8 C162

74943 SCHOLL, W., and WALLACE, H. M. Fertilizer consumption in the United States, 1950-1951. Farm Chem. 115(7):13,15,17,19-21,23-25,27. July 1952. 57.8 Am3

74944 TOTMAN, J. E. The fertilizer picture, past, present and future. Agr. Chem. 7(7):48-50,117,119. July 1952. 381 Ag8

74945 U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. Commercial fertilizers; consumption in the United States, 1950-51, by W. Scholl and H. M. Wallace. Beltsville,1952? 10 p. 1.965 F8C73

74946 U. S. DEPT. OF AGRICULTURE. United States fertilizer resources. (Condensed.) In U. S. President's Materials Policy Commission. Resources for freedom,v.5,p.76-82. Washington,D.C.,1952. 173.3 P92

U. S. Tennessee Valley Authority and U. S. Dept. of the Interior cooperating.

Mineral Soil Amendments

74947 DURING, C. Basic slag; pasture topdressing in the North Island. New Zeal. J. Agr. 84:315,317-318. Apr.1952. 23 N48J

74948 GROSSE-BRAUCKMANN, E. Einige beobachtungen über eine nebenwirkung des hüttenkalkes. Deut. Landwirt.-Gesell. Mitt. 67:406. May 31,1952. 18 N39

As fertilizer.

74949 LATTING, E. T. Wood ashes are valuable. Org. Gard. 20(7):16-17,40. July 1952. 56.8 Or3

74950 TORSTENSSON, G., and ALVELID, S. On the use of blast-furnace slag for liming purposes in agriculture. (In Swedish.) Lantbrakad. Tidskr. 91:57-76. Ref. Jan.1,1952. 104 Sw3

English summary.

74951 WATERS, D. F. Agricultural value of burnt lime. New Zeal. J. Agr. 84:289-290. Apr.1952. 23 N48J

Chiefly analysis of lime samples.

Manures and Composts

74952 ATKINS, J. The cost of composting. MGA Bulletin 29:140-142. May 1952. 80 M97

For mushrooms.

74953 CANCINO, J. M. Consideraciones quimicas sobre el guano de islas. (Abs.) Rev. Bras. de Quim. (Cien. & Indus.) 38:228. Apr.1952. 385 R322

74954 EYTAN, E. Utilization of urine by means of a vacuum barrel. (In Hebrew.) Hassadeh 32:294-295. Mar.1952. 26 H27

74955 FRANZ, H. Verwertung städtischer abfälle als dünger. Kärntner Bauer 102:323-324. May 24,1952. 19 K14

74956 GUTTFELD, S. P. Local peat as organic manure. (In Hebrew.) Hassadeh 32:293-294. Mar.1952. 26 H27

74957 KENYON, R. J. A new method of garbage disposal by composting. Pub. Works 83(6):75,123-124. June 1952. 290.8 M922

74958 KING, N. J. Wasted plant foods. Cane Growers' Q. B. 15:134-136. Apr.1,1952. 65.9 Q3C

Molasses as fertilizer.

74959 PIERINI, J. E. "Camas" para hongos. Chacra 22(260):36. July 1952. 9 C34

74960 PIKALEV, A. IA. Peat—a valuable organic fertilizer. (In Russian.) Kormovaîa Baza 3(1):17-21. Jan.1952. 60.8 K84

74961 RAINERI, C. Manure, soil leaven. (In Italian.) Mezzogiorno Agr. 8(19):2. May 12/18,1952. 16 M57

74962 SCHÖNAUEN, B. Humusversorgung des grünlandes. Landwirt. Z. der Nord-Rheinprov. 119:568. May 31,1952. 18 L2344

Manuring.

74963 URBAN, H. Landwirtschaftliche abwässernutzung. Traktor 3:118-119. May 1952. 58.8 T677

FORESTRY

GENERAL

74964 AHMED, S. Relationship between forestry and agriculture. Pakistan J. Forestry 2:116-120. Apr.1952 99.8 P17

74965 AIDA, T. Nampo no mokuzai (Timber in southern Asia). Tokyo,Maruzen Kabushiki Gaisha,1951. 227 p. 99.26 Ai2

74966 AMERICAN BANKERS ASSOCIATION. AGRICULTURAL COMMISSION. FORESTRY COMMITTEE. Trees and bank accounts; a forestry manual for banks. New York,1952. 24 p. 99.61 Am39T

74967 ARO, P. Vereinheitlichung der zeitverteilung in den forstlichen zeitstudien. Z. f. Weltforstwirt. 15:100-101. June 1952. 99.8 Z35

English summary.

74968 BEYER, H. Bibliographie—referatenorgan: zwei verschiedene aufgaben der forstlichen dokumentation. Allg. Forstz. 7:273-274. June 11,1952. 99.8 AL52

74969 BOURGENOT, L. Un colloque d'amenagistes en Franche-Comté 21-22 septembre 1951. Soc. Forest. de Franche-Comté et des Prov. de l'Est. B. Trimes. 27: 239-262. Mar.1952. 99.9 So14

74970 BOURQUIN, A. Der holzhauer - die rechte hand des oberförsters. Wald u. Holz 33:113-117,133-138. Mar.-Apr.1952. 99.8 W14

74971 BRIDGES, D. A visit to Danish forests. Scot. Forestry 6:56-60. Apr.1952. 99.8 Sco3

74972 BUTT, R. A. Forestry in Uganda. Arbor 2: 53-55. Mar.1952. 99.8 Ar17

74973 CANADA. DEPT. OF RESOURCES AND DEVELOPMENT. FORESTRY BR. List of publications Forest Products Laboratories Division, Ottawa Laboratory - Vancouver Laboratory. Rev. n.p.,1952. 15 p. 241.01 C16

74974 CARLISLE, A. Photography and the forester. Arbor 2:45-48. Mar.1952. 99.8 Ar17

74975 FOUARGE, J. Bois, laboratoires et industrie. Rev. de l'Agr. 5:601-605. June 1952. 13 R322

Observations on forestry research in the United States.

74976 FRAUENDORFER, S. Das dokumentationsproblem und die holzforschung. Österr. Gesell. f. Holzforsch. Mitt. 4:27-31. May 1952. 99.9 Os72

74977 GIUNIER, P., OUDIN, A., and SCHAEFFER, L. Technique forestière. Ed. 2. Paris,La Maison Rustique, 1951. 376 p. 99 G94

74978 GOUGET, P. Le développement de l'exploitation forestière. Marchés Colon. du Monde 8:1303,1305. May 17,1952. 286.8 M33

Cameroun.

74979 HANDEL-MAZZETTI, P. Die volkswirtschaftliche bedeutung unserer forste. Allg. Forstztg. 63:124-126. June 1952. 99.8 AL53

74980 HECKMANN. Die situation der schwerbeschädigten forstbeamten in Niedersachsen. Forstl. Mitt 5:64,67. Mar.20,1952. 99.8 F7725

74981 HILF, H. H. Internationale probleme der arbeitsgestaltung in der forstwirtschaft. Z. f. Weltforstwirt. 15:83-92. June 1952. 99.8 Z35

English summary.

74982 HOESE, K. Ein neues verlohnungsverfahren mit lochkartenauswertung. Forst u. Holz 7:123-124. May 1,1952. 99.8 F7724

74983 JAGER, F. Uber die sammlung statistischer grundlagen für die ausgestaltung des wirtschaftsplanes von Paul Kirschfeld. Allg. Forst- u. Jagdztg. 123:148-149. Apr.1,1952. 99.8 AL3

74984 JOHANSSON, B. Pine,rye and mountain ash. (In Swedish.) Skogen 38:113-114. Oct.15,1951. 99.8 Sk51

74985 JUNI, R. A. How forestry can play a larger role in the national economy [of the Phillippines]. Agr. & Indus. Life 14(5):8-9,46. May 1952. 25 Ag8

74986 KENNEDY, D. New Zealand forest practice—review and preview. New Zeal. J. Forestry 6:189-199. 1951. 99.8 C162

74987 KILCHENMANN, H. R. Erfahrungen beim einführen rationeller waldarbeit in der Schweiz. Z. f. Weltforstwirt. 15:104-107. June 1952. 99.8 Z35

English summary.

74988 KORSBØEN, H. A. The 6 man excursion of the Scandinavian Forest Union in Denmark, Sept. 19-22, 1951. (In Norwegian.) Skogeieren 39:65-67. May 15,1952. 99.81 Sk5

Forestry in Denmark.

74989 KRALITCH, B. La base économique du paiement progressif du résultat du travail. (In Serbo-Croatian.) Skoplje. U. Zemjodelsko-Shumarki Fakul. God. Zbornik 1948/49(2,Shumarstvo):35-95. 1951. 21.5 Sk5

French summary.

74990 KVAM, Forests and forestry in Snasa. (In Norwegian.) Landbrukstidende 58:371. May 7,1952. 11 L236

74991 LAAKSONEN, Y. W. Forest workers compete for championship honours. Finn. Paper & Timber 2:106. Nov.1951. 302.8 F49

74992 LAAKSONEN, Y. W. Forestry and floating work as an employment question. Finn. Paper & Timber 2:96. Oct.1951. 302.8 F49

74993 LEINDECKER, W. Um die waldarbeitertarife. Forstl. Mitt. 5:4. Jan.5,1952. 99.8 F7725

74994 LOYCKE, H. J. Wirtschaftliche zielsetzungen in arbeitsforschung und arbeitsführung. Z. f. Weltforstwirt. 15:120-124. June 1952. 99.8 Z35

74995 LUEDER. Die bedeutung der aufgaben des forstmannes. Deut. Forstmann, p.25-30. (Cont.) In Forst u. Holz 7(7). Apr.1,1952. 99.8 F7724

74996 MCCULLEY, R. D., and ELLIOTT, F. A. A test of research predictions. Va. Forests 7(2):10-11. Mar./Apr.1952. 99.8 V81

74997 MACDONALD, A. G. Progress in Canadian forestry. Canad. Pulp & Paper Indus. 5(4):110,112,114,116, 166. Apr.1952. 302.8 W52

74998 MARSHALL, C. Report on forestry in American Samoa. Washington,1951. 172 p. (National Research Council. Pacific Science Board. Scientific Investigations in Micronesia 11) 99.28 M35

74999 MARUSZCZAK, H. The state and changes of the forest area in the voivodship of Lublin in the years 1830—1930. (In Polish.) Lublin. U. M. Curie-Skłodowskiej. Ann. Sect. B 5:109-178. Ref. 1950,pub.1952. 512 L96Ab
English summary.

75000 MEDING, VON. Forstverbände in Niedersachsen. Allg. Forstz. 7:272-273. June 11,1952. 99.8 AL52

75001 MIKHALIN, I. IA., and BULAVIN, V. P. For a system of economy in forestry. (In Russian.) Lesn. Khoz. 4(10):62-66. Oct.1951. 99.8 L5622

75002 MUZZI, S. L'inauguration de l'Académie Italienne de Sciences Forestières. (In Italian.) Italia Forest. e Mont. 7:1-25. Jan./Feb.1952. 99.8 It12
French summary.

75003 PEREVALOV, V. A. I. T. Pososhkov on the economics and organization of forestry. (In Russian.) Lesn. Khoz. 4(9):91-95. Sept.1951. 99.8 L5622

75004 PERRIGUEY, N. La conférence forestière interafricaine d'Abidjan. Bois et Forêts des Trop. 22: 96-103. Mar./Apr.1952. 99.8 B632
English summary.

75005 PLATEAU. Le Haouz de Marrakech et le Haut-Atlas. Rev. Forest. Franç. 6:381-398. June 1952. 99.8 R329

75006 PLAVSIC, M. Uber das ziel der forstwirtschaft im socialismus und über seine realisation. (In Serbo-Croatian.) Sumarski List 76:5-24. Ref. Jan./Mar. 1952. 99.8 Su6
German summary.

75007 PRONIN, D. Forestry activities in Yugoslavia. J. Forestry 50:484-485. June 1952. 99.8 F768

75008 RITTER, H. Aufbau und zielsetzung der waldbesitzerverbände. Allg. Forstz. 7:269-271. June 11, 1952. 99.8 AL52

75009 SCHIPPEL, H. Zur waldwirtschaft von morgen. Forstwiss. Centbl. 71:80-87. Mar./Apr.1952. 99.8 F775

75010 SCHONWIESE, H. Die forstliche arbeitslehre in Osterreich. Z. f. Weltforstwirt. 15:92-95. Ref. June 1952. 99.8 Z35
English summary.

75011 STEINGASS, K. P. Um die waldarbeitertarife. Forstl. Mitt. 5:39-40. Feb.20,1952. 99.8 F7725

75012 STREHLKE, E. G. Waldarbeit in den Vereinigten Staaten. Z. f. Weltforstwirt. 15:116-119. June 1952. 99.8 Z35
English summary.

75013 STROBL, F. Aktuelle wirtschaftspolitische und forstpolitische forderungen der österreichischen forstwirtschaft. Allg. Forstztg. 63:159-162. July 1952. 99.8 AL53

75014 THOMPSON, T. S. Fiji journey—Viti Levu. New Zeal. J. Forestry 6:236-243. 1951. 99.8 C162
Forests and forest industries of the Fiji Islands.

75015 VIÑOLES VIVET, P. El bosque como valor económico. Inst. Agr. Catalán de San Isidro. Rev. 101: 73-77. (Concl.) Apr.1952. 15 Sa5

75016 WALLNER, O. Instructions in regard to forest housing. (In Swedish.) Skogen 39:132. June 1,1952. 99.8 Sk51

75017 WOSSNER, J. Das waldgeding Dornstetten im württembergischen Schwarzwald. Allg. Forst- u. Jagdztg. 123:144-147. Apr.1,1952. 99.8 AL3

75018 YAMAMOTO, H. Ringyo pocketbook (Forestry handbook). Tokyo,Ringyo Tosho Kabushiki Gaisha,1951. 309 p. 99 Y12

75019 ZIMMER, W. J. Victoria's north-western forests—past, present, and future. Austral. Forestry 15:96-104. 1951. 99.8 Au74

Education

75020 ANDERSON, M. L. An outline of possible developments in higher forestry education. Scot. Forestry 6:47-52. Apr.1952. 99.8 Sco3

75021 BLUETT, W. New forestry college on Cyprus serves Middle East. J. Forestry 50:561. July 1952. 99.8 F768

75022 BOOMSMA, C. D. The use of the herbarium to foresters. Austral. Forestry 15:111-113. 1951. 99.8 Au74

75023 CHAPMAN, H. H. "The Society of American Foresters and Forestry Education"—a discussion. J. Forestry 50:492-494. June 1952. 99.8 F768

75024 FROHLICH. Die ausbildung für den höheren forstdienst. Forstl. Mitt. 5:37-39. Feb.20,1952. 99.8 F7725

75025 HARTMAN, L. A. Technical training for the forest industry. Finn. Paper & Timber 3:32-33. May 10, 1952. 302.8 F49

75026 HUFNAGL, H. Forstkurse für die landjugend. Bauer 5(5):13. Feb.2,1952. 19 B32
Austria.

75027 KAUFMANN, F. Die jagdliche ausbildung des forstbeamtennachwuchses. Forstl. Mitt. 5:61. Mar.20, 1952. 99.8 F7725

75028 KRUEGER, M. Professional needs in forestry education. Empire Forestry Rev. 31:120-126. June 1952. 99.8 Em72

75029 LUCAS, W. Forestry education in North Carolina. Amer. Forests 58(7):10-12,36-37. July 1952. 99.8 F762

75030 POCKBERGER, J. Die schweizer schule. Osterr. Forst- u. Holzwirt. 7:48-50. (Cont.) Feb.7,1952. 99.81 Os7

75031 PÖSCHKO, F. Unsere holzwirtschaft und die Bundesgewerbeschule in Mödling. Allg. Forstztg. 63:146. June 1952. 99.8 AL53

75032 SALZIG, G. Die ausbildung zum forstsekretär. Forstl. Mitt. 5:27. Feb.5,1952. 99.8 F7725

75033 SCHIEBEL, W. Berufsschule für waldarbeiterlehrlinge. Forstl. Mitt. 5:102-104. May 5,1952. 99.8 F7725

75034 SCHWARZ, G. Beschäftigungsmöglichkeiten junger holzkaufleute im ausland. Holz-Zentbl. 78:1122. June 28,1952. 99.81 H742

75035 STROHMEYER, G. Zweijährige forstschulausbildung. Forstl. Mitt. 5:13-14. Jan.20,1952. 99.8 F7725

75036 UGRENOVIC. 90th anniversary of forestry teaching. (In Serbo-Croatian.) Sumarski List 76:1-5. Jan./Mar.1952. 99.8 Su6

Policies, Programs, Administration

75037 ARTEMENKO, A. K. To fulfill with honor the socialist obligations. (In Russian.) Lesn. Khoz. 4(10):59-61. Oct.1951. 99.8 L5622
Policy of the Ukrainian Ministry of Forestry.

75038 ARTMAN, J. O. Forest development in the Tennessee Valley. Unasylva 5:147-153. Oct./Dec.1951. 99.8 Un1

75039 BAGER, E. High time for the foresters to talk. (In Swedish.) Skogen 39:134-135,143. June 1,1952. 99.8 Sk51
Redistribution of public forests to farms without forests.

75040 BEACH, G. O. Allegheny National Forest, a lesson in cooperation. Pa. Game News 24(3):4-12. June 1952. 412.9 P38Pe

75041 BERGWITZ. Das Forstamts-geschäftszimmer. Forstl. Mitt. 5:73-74. Apr.5,1952. 99.8 F7725

75042 BOARDMAN, D. S. Timber harvesting and marketing demonstrations. Va. Forests 7(2):6-7,12. Mar./Apr.1952. 99.8 V81

75043 BOND, J. S.A. leads the world with wonder pines. Veldtrust 13:9-10. Jan.1952. 56.8 V54

75044 BORCHERS. Grundsätzliches zu einer waldbaulichen planung in Niedersachsen. Forst u. Holz 7:147-151. (Cont.) Ref. June 1,1952. 99.8 F7724

75045 BOSTICK, V. Where national Forest Service policy and western livestock growers clash on use of national forest ranges. N. Mex. Stockman 17(7):27-28. July 1952. 49 N462

75046 BOURGENOT, L. La querelle de Syam. Soc. Forest. de Franche-Comté et des Prov. de l'Est. B. Trimes. 27:262-269. Mar.1952. 99.9 So14
Forest administration.

75047 BRITISH GUIANA. FOREST DEPT. Report, 1950. Georgetown,1951. 37 p. 99.9 B777

75048 BUKHAROV, I. V. New conditions of the All-Union Socialist competition in forestry. (In Russian.) Lesn. Khoz. 4(9):4-7. Sept.1951. 99.8 L5622

75049 BURMA. FOREST SERV. Annual report on working plans, silviculture and entomology in Burma for the year 1948-49. Rangoon,1951. 63 p. 99.9 In2Bua

75050 COINTAT, M., and CHOULET, J. La forêt haut-marnaise sous le Premier Empire. Rev. Forest. Franç. 7/8:453-459. July/Aug.1952. 99.8 R329

75051 DEAN, G. W. The growth of forestry in Virginia. Va. Wildlife 13(7):16-18. July 1952. 410 V81

75052 DRANGEID, O. Program for reforestation by districts. (In Norwegian.) Skogen [Oslo] 17:38-43. 1952. 99.8 Sk56

75053 DURY, P. R. Tarkill Area forest demonstration. Pa. Forests & Waters 4:44. Mar./Apr.1952. 99.8 P38

75054 FIASSON, R. Essai de reforestation de la Pampa vénézuélienne. Rev. d'Elevage et de Méd. Vét. des Pays Trop. 5:63-69. Apr./June 1951/1952. 41.8 R3262

75055 FISCHER, D. H. Das forstamtsbüro. Forstl. Mitt. 5:15-16. Jan.20,1952. 99.8 F7725

75056 FUNCK, J. Ausbildung für den höheren forstdienst! Deut. Forstmann, p.22-23. In Forst u. Holz 7(6). Mar.16,1952. 99.8 F7724

75057 GOROKHOV, G. I. Planning shelterbelts in the land utilization of the enlarged collective farms. (In Russian.) Les i Step' 3(9):28-34. Sept.1951. 99.8 L565

75058 GRACHEV, A. P. Forestry of the People's Republic of Bulgaria on a higher level. (In Russian.) Lesn. Khoz. 4(10):85-91. Oct.1951. 99.8 L5622
Policy.

75059 GRANGER, C. M. The national forests are in the black. Amer. Forests 58(7):6-9. July 1952. 99.8 F762

75060 GT. BRIT. FORESTRY COMMISSION. Thirty-second annual report of the Forestry Commissioners for the year ending September 30th 1951. London,1952. 82 p. 99.9 G795A

75061 HEGER, A. Wunschprogramm des waldbaues an die agrartechnik. Deut. Agrartech. 2:47-48. Feb. 1952. 58.8 D482

75062 HOBART, S. G. Virginia's state forests. Va. Forests 7(2):4-5,14. Mar./Apr.1952. 99.8 V81

75063 HOLMES, N. New Zealand forest farmers. Timber Canada 12(10):28-29. June 1952. 99.81 T487

75064 HOPKINS, A. S. Some thoughts on zoning th forest preserve. N. Y. State Conserv. 6(6):6-8. June/July 1952. 279.8 N48

75065 HUFNAGL, H. ERP-hilfe für aufforstung 1952. Bauer 5(6):9-10. Feb.9,1952. 19 B32
Austria.

75066 KALELA, E. K. Some silvicultural aspects of the Kainuu region between Central and North Finland. (In Finnish.) Metsätaloudellinen Aikakauslehti 3/4:82-86. 1952. 99.9 F49
English summary.

75067 KISSER, J. Das forschungsprogramm 1952 der Osterreichischen Gesellschaft für Holzforschung. Osterr. Forst- u. Holzwirt. 7:41-44. Feb.7,1952. 99.81 Os7

75068 L'AMI, R. O. Beaufort Tree Farm dedicated. Brit. Columbia Lumberman 36(6):40-41,130-132. June 1952. 99.81 B77

75069 LEFEBVRE, RABOUILLE, and VALETTE. Les reboisements en Ecosse. Rev. Forest. Franç. 7/8:465-488. July/Aug.1952. 99.8 R329

75070 LESAGE. La forêt domaniale de Lyons. Rev. Forest. Franç. 7/8:489-499. July/Aug.1952. 99.8 R329

75071 LINDBLAD, O. Forest and land policies. (In Swedish.) Skogen [Stockholm] 39:68-69. June 15,1952. 99.8 Sk51

75072 MACGREGOR, J. J. The problems of British forest policy. Land Agents' Soc. J. 51:238-246. June 1952. 282.9 L22

75073 MANN, R. Land acquisitions in Forest Preserve District of Cook County, Illinois. Planning & Civic Comment 18(2):46-48. June 1952. 98.58 P69

75074 MANNOZZI-TORRINI, L. Experiences of the past. (In Italian.) Monti e Boschi 3:173-177. Apr.1952. 16 M76
English summary.
Importance of reforestation in soil conservation of mountain areas.

75075 MARYLAND. BOARD OF NATURAL RESOURCES. Conservation progress in Maryland 1941-1947. Md. Bd. Nat. Resources. B. 2,45 p. June 1951. 279.9 M364B
Includes forestry program.

75076 MERKLE, R. Hilfe für die forstwirtschaft. Das aufforstungswerk frankreichs als beispiel für die deutsche forstwirtschaft. Holz-Zentbl. 78:959-961,977-978. Ref. May 31-June 5,1952. 99.81 H742

75077 METRO, A. La recherche forestière au Maroc. Rev, Forest. Franç. 6:408-418. June 1952. 99.8 R329

75078 MOLLIN, F. E. American National Cattlemen's Association opposes USFS recreation fund measure. Calif. Cattleman July 1952:7-8. 43.8 C12

75079 NAGOVITSYN, N. A. To raise the quality of work at the state shelterbelts. (In Russian.) Lesn. Khoz. 4(10):4-6. Oct.1951. 99.8 L5622

75080 PANASECHKIN, L. A. For growing planting material. (In Russian.) Lesn. Khoz. 4(10):7-13. Oct. 1951. 99.8 L5622
Policy of Ministry of Forestry.

75081 PANEGROSSI, T. Woods and sparse forest stands within the framework of the agrarian reform. (In Italian.) Monti e Boschi 3:24-26. Jan.1952. 16 M76
English summary.

75082 RIAZANOV, V. I. To support in every way the creative initiative of rationalizers and inventors [in forestry]. (In Russian.) Les i Step' 3(9):7-10. Sept.1951. 99.8 L565

75083 ROYAL SOCIETY OF NEW ZEALAND. SCIENCE CONGRESS, 7, 1951. Forestry and marginal lands, symposium on marginal lands. New Zeal. J. Forestry 6:244-249. 1951. 99.8 C162
Abstracts of papers by A. P. Thomson, G. H. Hocking, A. D. McKinnon, J. T. Holloway, J. G. Verey, and C. Biggs.

75084 SARAWAK. FOREST DEPT. Annual report for the year 1950. Kuching,1952. 19 p. 99.9 Sa72

75085 SCHAAKE. Das forstamtsgeschäftszimmer und die besoldung der angestellten. Forstl. Mitt. 5:109-110. May 20,1952. 99.8 F7725

75086 SCHLABITZ, D. Die "reaktionäre" forstverwaltung. Deut. Forstmann, p.35-38. In Forst u. Holz 7(9). May 1,1952. 99.8 F7724

75087 SCOTT, H. R. Canada forestry act participation and forest inventory highlight year. Forestry in 1951 in Ontario. Canad. Pulp & Paper Indus. 5(4):86,88,90. Apr. 1952. 302.8 W52

75088 STOKES, J. S. Long term timber sales. Brit. Columbia Lumberman 36(6):44,107-108. June 1952. 99.81 B77

75089 TAYLOR, R. F. Alaska forest research problems and program. In National Academy of Sciences. Science in Alaska, p.11-19. Ref. Washington,1952. 330.9 C69

75090 TRESCKOW, R. VON. Eine lücke in der forstlichen organisation niedersachsens. Forst u. Holz 7:122-123. May 1,1952. 99.8 F7724

75091 UMBARJE, S. R. Gurcharan or woodland protected forests in Thana (Bombay State). Indian Forester 78:315-319. June 1952. 99.8 In2

75092 UNITED NATIONS. ECONOMIC AND SOCIAL COUNCIL. ECONOMIC COMMISSION FOR LATIN AMERICA. Report on forests and forest production in Latin America; Chile, United States of America, Guatemala and Mexico: amendment proposed by the Working Group to draft resolution E/CN.12/AC.14/2. New York,1951. 4 p. (United Nations [Document] E/CN. 12/AC.14/5)
99.71 Un34

75093 UNITED NATIONS. ECONOMIC AND SOCIAL COUNCIL. ECONOMIC COMMISSION FOR LATIN AMERICA. Report on forests and forest production in Latin America. Resolution adopted 7 June 1951. New York, 1951. 4 p. (United Nations [Document] E/CN.12/250)
99.71 Un34R

75094 WEISS, B. En Grande-Bretagne l'utilisation du bois provenant des éclaircies dans les forêts domaniales. Rev. du Bois 7(6):31-32. June 1952. 99.82 R32

75095 WEST BENGAL. DIRECTORATE OF FORESTS Annual report on forest research in West Bengal for the year 1948-49. 1951. 44 p. 99.9 B43A

75096 ZEMLIANITSKII, L. T. Development of industrial groves in the districts of Ergenei Plateau. (In Russian.) Lesn. Khoz. 4(9):8-11. Sept.1951. 99.8 L5622
Policy.

Legislation and Taxation

75097 BOARDMAN, W. The trend of forest law. New Zeal. J. Forestry 6:199-218. 1951. 99.8 C162

75098 BRIGGS, C. W. Are you taking maximum advantage of capital gain in your timber operations? Forest Farmer 11(9):4-5,14-16. June 1952. 99.8 F7692

75099 COSMA, D. Anciens statuts italiens: Trieste. (In Italian.) Italia Forest. e Mont. 7:65-69. Ref. Mar./Apr.1952. 99.8 It12
French summary.
Forest laws.

75100 HAMMARSTRAND, E. A risky proposal, proposal of the year 1951 for the "regulation on the obligation to deposit money in an investment conto for forests." (In Swedish.) Skogen 38:107,114. Oct.15,1951. 99.8 Sk51

75101 HAMMERLE, W. C. We need a better tax system. Forest Farmer 11(9):7,13-14. June 1952. 99.8 F7692

75102 JAEGER, E. Ein forstgesetz in Niedersachsen--und wir. Deut. Forstmann, p.43-45. In Forst u. Holz 7(11). June 1,1952. 99.8 F7724

75103 SCHULZ-KOFFKA. Das Niedersächsische gesetz zu Artikel 131 GG. Deut. Forstmann, p.18-20. In Forst u. Holz 7(5). Mar.1,1952. 99.8 F7724

75104 STAEBNER, R. C. Timberland taxation in operation, how the Bureau of Internal Revenue interprets the law. Forest Farmer 11(9):9,13. June 1952. 99.8 F7692

75105 WYATT, W. W. What records do landowners--particularly small ones--need to keep for tax purposes and the way to set them up, the why, what, when of forest bookkeeping. Forest Farmer 11(9):8,12,16-18. June 1952. 99.8 F7692

Forest Description and Resources

75106 BERTSCH, K. Geschichte des deutschen waldes. Ed. 3, rev. Jena,Fischer,1951. 118 p.
402.1 B461G

75107 BESLEY, L. Potential international timber supply. Canad. Pulp & Paper Indus. 5(4):118,120,122,124, 126. Apr.1952. 302.8 W52

75108 BROWN, N. C. How about that timber famine? Timber Canada 12(10):21-23. June 1952. 99.81 T487

75109 DETTBARN-RENKENHAGEN. Erste eindrücke vom kanadischen urwald in Ontario. Deut. Forstmann, p.31-33. In Forst u. Holz 7(8). Apr.16,1952. 99.8 F7724

75110 DEVEAUX. En suivant l'Oued Beth. Rev. Forest. Franç. 6:373-380. June 1952. 99.8 R329

75111 GOBIET, M. La Region d'Hamoir (excursion du 13 septembre 1951.). Soc. Roy. Forest. de Belg. B. 59:181-194. Apr.1952. 99.9 B83

75112 GUINIER, P. L'avenir de la forêt française. Indus. Natl.1,17 p. Jan./Mar.1952. 473 In2

75113 HADDERS, G. The forest stand in Punkaharju. (In Swedish.) Skogen 39:140,143. June 1,1952. 99.8 Sk51

75114 HANSSON, G. Some natural reservations on district common land. (In Swedish.) Skogen 39:130-131, 142. June 1,1952. 99.8 Sk51
Forest.

75115 JARLØV, H. C. Distribution of Denmark's forest acreage according to owners and tree species. (In Danish.) Skogen [Stockholm] 39:18,23. Feb.15,1952. 99.8 Sk51

75116 KNEUBUHLER, H. The forest in Switzerland. (In Swedish.) Skogsägaren 28:128-130. June 1952. 99.8 Sk55

75117 MCNEILL, W. M. The potentialities of British forests in relation to chemical utilization of wood, with special reference to forestry in Scotland. (Abs.) Chem. & Indus. 26:593. June 28,1952. 382 M31C

75118 MÅNSSON, H. In West Germany's forests. I. (In Swedish.) Skogen [Stockholm] 39:16-17,24. Feb.15, 1952. 99.8 Sk51

75119 NÄSLUND, M. Sveriges skogstillgångar [Sweden's forest resources]. Stockholm,1951. 132 p. Ref. (Industriens Upplysningstjänst. Serie C, 6) 99.25 N17

75120 NYGAARD, J. The national forests in America. (In Norwegian.) Skogbrukeren 27:105-110. May 15, 1952. 99.8 Sk54

75121 U. S. FOREST SERV. Domestic timber resources. In U. S. President's Materials Policy Commission. Resources for freedom, v.5,p.33-46. Washington,D.C.,1952. 173.3 P92

75122 U. S. FOREST SERV. The free world's forest resources. In U. S. President's Materials Policy Commission. Resources for freedom, v.5,p.47-62. Ref. Washington,D.C.,1952. 173.3 P92

75123 U. S. FOREST SERV. Wasatch National Forest, Utah. Washington,1952. 16 p. 1 F76Was

75124 U. S. TENNESSEE VALLEY AUTHORITY. DIV. OF FORESTRY RELATIONS. Forest inventory statistics for Catoosa County, Georgia. U. S. Tenn. Val. Authority. Div. Forestry Relat. Forestry B. 14,14 p. Mar.1952. 173.2 T25Fo

75125 U. S. TENNESSEE VALLEY AUTHORITY. DIV. OF FORESTRY RELATIONS. Forest inventory statistics for Ivy River watershed in North Carolina. U. S. Tenn. Val. Authority. Div. Forestry Relat. Forestry B. 15,14 p. Mar.1952. 173.2 T25Fo

75126 U. S. TENNESSEE VALLEY AUTHORITY. DIV. OF FORESTRY RELATIONS. Forest inventory statistics for Lawrence County, Alabama. U. S. Tenn. Val. Authority. Div. Forestry Relat. Forestry B. 13,14 p. Feb.1952. 173.2 T25Fo

75127 U. S. TENNESSEE VALLEY AUTHORITY. DIV. OF FORESTRY RELATIONS. Forest resources of Dekalb County, Alabama. U. S. Tenn. Val. Authority. Div. Forestry Relat. Forestry B. 12,21 p. Jan.1952. 173.2 T25Fo

75128 WAUTHOZ, V., and DUTERME, J. La foret de Huqueny (excursion régionale du 2 août 1951). Soc. Roy. Forest. de Belg. B. 59:149-158. Mar.1952. 99.9 B83

75129 WENTZEL. Der rechtsrheinische bauernwald in seinen aufbauformen. Landwirt. Z. der Nord-Rheinprov. 119:630. June 14,1952. 18 L2344

Individual Genera and Species

75130 ACATAY, A. Die zeder [Cedrus libani] auf dem Bozdag-Massiv und die orientalische erle [Alnus orientalis]. (In Turkish.) Istanbul. U. Orman Fakul. Dergisi (ser.A)1(2):87-96. 1951. 99.9 Is72
German summary.

75131 AHOLA, V. K. Larch stands in the state forests. (In Finnish.) Metsätaloudellinen Aikakauslehti 3/4:89-91. 1952. 99.9 F49
English summary.

75132 ALVIELLA, G. D'. Les grands arbres (the big trees). Soc. Roy. Forest. de Belg. B. 59:121-143. Mar. 1952. 99.9 B83
Sequoia.

75133 APPELROTH, E. Notes the care of birch. (In Swedish.) Skogbrukeren 27:117-118. June 1,1952. 99.8 Sk54

75134 BAILEY, N. Know your wood: quaking aspen. Wood Working Digest 54:73-75. July 1952. 99.82 W87
Populus tremuloides.

75135 BERNARDINI, F. Chestnut coppices in Italian forestry and the economy. (In Italian.) Monti e Boschi 3:8-18. Jan.1952. 16 M76
English summary.

75136 BROWN, N. C. The King's Arrow pine. Amer. Forests 58(7):22-23,40. July 1952. 99.8 F762
Maine.

75137 CALDART, F. Chestnuts, for wood production and the tanning industry, in the middle Po Valley. (In Italian.) Monti e Boschi 3:108-113. Mar.1952. 16 M76
English summary.
Resources and policy.

75138 FEDERICO, S. Possibilités de la culture du peuplier à la montagne. (In Italian.) Italia Forest. e Mont. 7:26-29. Jan./Feb.1952. 99.8 It12
French summary.

75139 GARDNER, C. A. Trees of Western Australia. 3-4. West. Austral. Dept. Agr. J. (ser.3)1:212-213,215-218. Mar./Apr.1952. 23 W52J
Eucalyptus gomphocephala and Eucalyptus erythrocorys.

75140 GECOW, R. Thuja gigantea (Nutt) growing in the experimental area of the State forest district in Wirty. (In Polish.) Sylwan 96:52-69. Jan./Mar.1952. 99.8 Sy52
English summary.

75141 GONZÁLEZ DE LA PEÑA, A. Cork-trees in Spain. Inform. Com. Espan. (ser.3)222:189-190. Feb. 1952. 286.8 In3
Statistics.

75142 GOTHE, H. Die schlitzer lärchen. Allg. Forst- u. Jagdztg. 123:126-133. Apr.1,1952. 99.8 AL3

75143 HERBIGNAT, A. Les peupliers américains, leur importance pour l'Europe. Rev. de l'Agr. 5:583-590. June 1952. 13 R322

75144 HESMER, H., ed. Das pappelbuch. Bonn, Deutscher Pappelverein,1951. 304 p. 99.47 H46

75145 HILDEBRAND, F. H. Nama kesatuan untuk djenis pohon jang penting di Indonesia. (Preferential names for important tree species in Indonesia). Indonesia Bosbouwproefsta. Bizondere P. 6,25 p. Mar.1952. 99.9 Ea72B
Introductory material in Indonesian, Dutch, and English.

75146 HUTNIK, R. J. Identification of very small birch [Betula] seedlings. J. Forestry 50:558. July 1952. 99.8 F768

75147 KHAN, M. A. W. Lannea grandis, Engler. Indian Forester 78:311-314. June 1952. 99.8 In2

75148 MARCIANI, F. Historical aspects and folklore of chestnut culture in the provinces of Avellino and Salerno. (In Italian.) Monti e Boschi 3:79-84. Feb. 1952. 16 M76
English summary.

75149 OW. Zur frage des pflanzverbandes beim pappelanbau. Allg. Forstz. 7:274-275. June 11,1952. 99.8 AL52

75150 PATTON, F. White pine [Pinus strobus]. Va. Forests 7(2):8-9. Mar./Apr.1952. 99.8 V81

75151 PAULA, R. D. DE G. Suggestions for a rational investigation of the Parana pine. (In Portuguese.) Brazil. Inst. Nac. de Tecnol. B. do INT 2(2):38-43. Jan. 1951. 516 B73
Araucaria angustifolia.

75152 PILLA, C. The palms of Chile. (In Italian.) Monti e Boschi 3:27-29. Jan.1952. 16 M76

75153 POOLE, A. L. Hybrid southern beeches. New Zeal. J. Forestry 6:250-253. 1951. 99.8 C162
Nothofagus.

75154 PRIEHAUSSER, G. Der formenkreis von Betula verrucosa und Betula pubescens Ehrh. im Bayerischen wald. Mitt. aus der Staatsforstverwalt. Bayerns 27: 72-92. 1952. 99.9 B342

75155 SANTIS, A. DE. Digressions historiques sur la pineraie [Pinus pinea] de Minturno. (In Italian.) Italia Forest. e Mont. 7:98-103. Mar./Apr.1952. 99.8 It12
French summary.

75156 TROTHA, T. VON. Verstärkter pappelanbau, eine volkswirtschaftliche notwendigkeit. Forst u. Holz 7: 120-121. May 1,1952. 99.8 F7724
With comments by H. Lücke.

75157 TROTTER, A. The holly in Lucania, Ilex aquifolium L. (In Italian.) Monti e Boschi 3:104-107. Mar.1952. 16 M76
English summary.

75158 WELLNER, C. A. A vigor classification for mature western white pine [Pinus monticola] trees in the Inland Empire. U. S. Forest Serv. North. Rocky Mountain Forest & Range Expt. Sta. Res. Note 110,3 p. May 1952. 1.9622 N3R31

FOREST MANAGEMENT AND FINANCE

75159 BADRE, L. Evolution des aménagements des futaies résineuses dans l'Est de la France et plus spécialement dans le Haut-Rhin. Rev. Forest. Franç. 7/8: 500-507. July/Aug.1952. 99.8 R329

75160 BAUER. Die teerung von waldstrassen. Allg. Forstz. 7:287-289. June 25,1952. 99.8 AL52

75161 BLUME. Erleichterung von waldwertschätzung durch anwendung von näherungszahlen? Forst u. Holz 7:136-138. May 16,1952. 99.8 F7724

75162 BRUUN, J. Impressions on Norwegian forestry. (In Danish.) Dansk Skovfor. Tidsskr. 37:251-289. Ref. May 1952. 99.8 D23

75163 BUSCAGLIONE, E. Aspects of a particular forest program. (In Italian.) Monti e Boschi 3:66-72. Feb.1952. 16 M76
English summary.
Need for and methods of thinning in certain private forests.

75164 BUTHAUD, E. Contribution à l'étude de la propriété foncière en pays forestier tunisien. B. Econ. et Social de la Tunisie 64:22-31. May 1952. 280.8 B874

75165 BUTHAUD, E. Contribution à l'étude de la propriété foncière en pays forestier tunisien. B. Econ. et Social de la Tunisie 65:29-37. (Cont.) June 1952. 280.8 B874

75166 DENMARK. DIREKTORATET FOR STATSSKOVBRUGET. Oversigt over de danske statsskoves udbytte af ved og penge for finansaret 1950-51 [Survey of the Danish State Forest's yields in wood and money for the fiscal year 1950-51]. København,1952. 17 p. 99.9 D413

75167 DINTER, A. Beitrag zur neuen forstlichen buchführung. Forstl. Mitt. 5:54-55. Mar.5,1952. 99.8 F7725

75168 ENGLERT, K. F. Zum betonstrassenbau im walde. Allg. Forstz. 7:284-287. June 25,1952. 99.8 AL52

75169 ENGLERT, K. F. Zur frage der wirtschaftlichkeit beim waldstrassenbau. Allg. Forstz. 7:281-283. June 25,1952. 99.8 AL52

75170 FØYN, P. The right location of forest roads from a management economic point of view. (In Norwegian.) Skogeieren 39:75-76. May 15,1952. 99.81 Sk5

75171 FRÖHLICH, J. Hochgebirgsforstwirtschaft und das plenterprinzip. Allg. Forstztg. 63:170-171. July 1952. 99.8 AL53

75172 GERBRANDA, G. Forest returns. (In Dutch.) Nederland. Boschbouw-Tijdschr. 24:145-146. June 1952. 99.8 N28

75173 GODMAN, R. M. A classification of the climax forests of southeastern Alaska. J. Forestry 50:435-438. Ref. June 1952. 99.8 F768

75174 GRANDJEAN, A. J. A comparison of Danish, British and Netherlands yield data of Japanese larch. (In Dutch.) Nederland. Boschbouw-Tijdschr. 24:147-159. Ref. June 1952. 99.8 N28
English summary.

75175 HAFNER, F. Walderschliessung und bringung im dienste erhöhter nachhaltiger holzproduktion. Allg. Forstztg. 63:138-140. June 1952. 99.8 AL53

75176 HERZOG, W. Schützt die waldwege! Landwirt. Z. der Nord-Rheinprov. 119:573. May 31,1952. 18 L2344

75177 JANSEN, J. J. M. Wood yield in the forest district "Assen." (In Dutch.) Nederland. Boschbouw-Tijdschr. 24:143-145. June 1952. 99.8 N28

75178 JOHANSEN, O. Contract planting. (In Norwegian.) Skogbrukeren 27:112. May 15,1952. 99.8 Sk54
Of forest trees.

75179 KANIA. Ein häufig beobachteter fehler beim waldwegebau. Allg. Forstz. 7:292-293. June 25,1952. 99.8 AL52

75180 KIRWALD, E. Die wegekartei. Allg. Forstz. 7:289-292. June 25,1952. 99.8 AL52

75181 KLOTZ. Ertragssteigerung im kleinprivatwald in Bayern. Forstl. Mitt. 5:49-53. Mar.5,1952. 99.8 F7725

75182 KOHL, R. Einführung der neuen forstlichen buchführung (Hollerith) bei der hessischen landesforstverwaltung. Forstl. Mitt. 5:43-44. Feb.20,1952. 99.8 F7725

75183 KRAHL-URBAN, J. Die maximale wertholzleistungsfähigkeit in eichenbeständen. Forstwiss. Centbl. 71:141-151. May/June 1952. 99.8 F775

75184 LEHMANN, C. A. Die buchführung in holzbetrieben, einmal anders dargestellt. Schatzkammer des Wissens 12,7 p. May 29,1952. 99.8 Sch1

75185 LINDBERG, K., and WESLIEN, J. Modern forest ditching. (In Swedish.) Skogen 38:110-111. Oct. 15,1951. 99.8 Sk51

75186 MANSSON, H. In West Germany's forests. II. (In Swedish.) Skogen [Stockholm] 39:56-57. May 15,1952. 99.8 Sk51
Forest management.

75187 ONONDAGA CO., N. Y. PARK AND REGIONAL PLANNING BD. Management plan for Highland Forest, Onondaga County, Town of Fabius, New York, by R. W. Benson. Syracuse,1951. 15 p. 99.551 On6

75188 ORLOV, P. N. Mechanization of drainage work—a method for increasing the productivity of forests (In Russian.) Lesn. Khoz. 4(9):53-57. Sept.1951. 99.8 L5622

75189 PATRONE, G. Plan d'aménagement des bois de la commune d'Agnone. (In Italian.) Italia Forest. e Mont. 7:70-97. Mar./Apr.1952. 99.8 It12
French summary.

75190 PHILIPPIS, A. DE. La forêt de la Joux. (In Italian.) Italia Forest. e Mont. 7:62-64. Mar./Apr.1952. 99.8 It12
French summary.
Management of the forest and construction of a building for extracting and processing seeds of Abies alba.

75191 RUHIER, O. Zur besseren erfassung des wirtschaftserfolges der forstbetriebe. Wald u. Holz 33: 149-153. May 1952. 99.8 W14

75192 SCHAEFFER, L. Les revisions d'aménagement. Rev. Forest. Franç. 7/8:507-512. July/Aug.1952. 99.8 R329

75193 SCHOBER, R. Forsteinrichtungsplanung und betriebsvollzug. Allg. Forst- u. Jagdztg. 123:121-126. Apr.1,1952. 99.8 AL3

75194 SIMSHAUSER. Das forstliche buchungswesen der Hessischen Landesforstverwaltung in seiner planung und zielsetzung. Forstl. Mitt. 5:88,91-92. Apr.20,1952. 99.8 F7725

75195 SVERIGES SKOGSÄGAREFÖRBUND. Skogsvardsarbetenas omfattning pa bolagsjord i sverige under perioden 1927-1950 [Extent of silvicultural work on company land in Sweden during the period 1927-1950]. Sveriges Skogsägareförbund. C. 6,11 p. 1951. 99.9 Sv22
Statistics.

75196 TURNER, G. Le problème du bois dans la province de Luxembourg. Soc. Roy. Forest. de Belg. B. 59:169-181. Apr.1952. 99.9 B83

75197 U. S. FOREST SERV. Publications by Forest Management Research personnel issued in 1950. Washington,1951. 20 p. 1.962 F7P96

75198 UNIVERSITY COLLEGE OF NORTH WALES, BANGOR. DEPT. OF FORESTRY. Notes on forest engineering, by F. C. Molesworth. Ed. 3. Bangor,Jarvis & Foster,1951. 80 p. 99.74 Un32

75199 WEITZMAN, S. Facts from Fernow Forest: mountain log roads—design and construction. W. Va. Conserv. 16(3):16-21. June 1952. 279.8 W524

75200 WIESLANDER, A. E. and STORIE, R. E. The vegetation-soil survey in California and its use in the management of wild lands for yield of timber, forage and water. J. Forestry 50:521-526. Ref. July 1952 99.8 F768

Farm Woodlands

75201 AKINAGA, H. Noson ringyo (Forestry in farming villages). Tokyo,Azumi Shobo,1951. 354 p. 99.26 Ak5

75202 HOPPENSTEDT. Intensivere betreuung des bauernwaldes durch forstverbände. Landwirtbl. Weser-Ems 99:487-488. May 15,1952. 18 L2345

75203 IHLENS, N. N. Forest and agriculture. (In Norwegian.) Skogbrukeren 27:113. May 15,1952. 99.8 Sk54
Management of farm forests.

75204 KHOTINA, KH. A. A machine-tractor station on collective farm afforestation work. (In Russian.) Les i Step' 3(9):44-46. Sept.1951. 99.8 L565

75205 TRET'ÍAK, V. P. Afforestation on Lenin Collective Farm [in Cherkasskii District, Kiev Region]. (In Russian.) Les i Step' 3(9):75-77. Sept.1951. 99.8 L565

75206 WILSON, M. R. Pulpwood procurement combined with woodlot conservation. Pulp & Paper Mag. Canada 53(7):144-146,149. June 1952. 302.8 P96

Mensuration, Surveying, Photogrammetry

75207 BOOMSMA, C. D. Stocking counts in Pinus radiata plantations at Mount Crawford Forest Reserve, South Australia. Austral. Forestry 15:121-123. 1951. 99.8 Au74

75208 BØRSET, O. Investigations on aspen logs. (In Norwegian.) Norway. Skogforsøksves. Meddel. 11:355-423. Ref. 1952? 99.9 N833
English summary.

75209 BOWLING, P. J. A volume table for regrowth of some Tasmanian eucalypts. Austral. Forestry 15: 87-95. 1951. 99.8 Au74

75210 BRADSHAW, K. E. Report of Commission VII (photographic interpretation) to the International Society of Photogrammetry. II. Summary of world progress in photo-interpretation in natural resource inventories. Photogram. Engin. 18:400-417. Ref. June 1952. 325.28 P56
Forest, agricultural, and range inventories.

75211 BRIEGLEB, P. A. An approach to density measurement in Douglas-fir. J. Forestry 50:529-536. Ref. July 1952. 99.8 F768

75212 CHRISTEN, H. E. A simplified method of pulpwood estimating. (Abs.) Assoc. South. Agr. Workers. Proc. 49:89-90. 1952. 4 C82

75213 DAWKINS, H. C. Experiments in low percentage enumerations of tropical high-forest. Empire Forestry Rev. 31:131-145. June 1952. 99.8 Em72

75214 DEMIN, M. A. In regard to the cutting age of a forest. (Reply to the article by F. P. Moiseenko). (In Russian.) Lesn. Khoz. 4(9):70-72. Sept.1951. 99.8 L5622
Increment table.

75215 DOMMERGUES, Y. La prospection des peuplements forestiers tropicaux par application des méthodes statistiques. Bois et Forêts des Trop. 23:155-170. Ref. May/June 1952. 99.8 B632
English summary.

75216 FRYJORDET, T. Volume and price- age curves for evenaged stands of Norway spruce. (In Norwegian.) Norway. Skogforsøksves. Meddel. 11:309-354. Ref. 1952? 99.9 N833

75217 GRANSTRÖM, S. Investigation of forest mensuration. (In Swedish.) Skogen 38:120-121. Nov.15,1951. 99.8 Sk51

75218 GRIFFITH, A. L. East African enumerations. Pterocarpus angolensis in mixed woodland (Tanganyika). Empire Forestry Rev. 31:146-149. June 1952. 99.8 Em72

75219 HAGBERG, E. National forest mensuration according to the new method. (In Swedish.) Skogen [Stockholm] 39:19,24. Feb.15,1952. 99.8 Sk51

75220 IAER, W. VON, and SPIECKER, M. Massenberechnungstafeln zur ermittlung von vorrat und zuwachs von waldbeständen. Frankfurt a.M.,Sauerländer,1951. 102 p. 99.4 L12

75221 INTERNATIONAL SOCIETY OF PHOTOGRAMMETRY. Seventh international congress: abstracts of papers on photo-interpretation. Photogram. Engin. 18: 453-464. June 1952. 325.28 P56
Papers on forest, agricultural, and range inventory included.

75222 LOETSCH, F. Entwicklungsmöglichkeiten mitteleuropäischer holzvorratsinventurmethoden. Z. f. Weltforstwirt. 15:41-57. Ref. Apr.1952. 99.8 Z35
English summary.

75223 LOMMASSON, T., and WALDO, C. E. Abstract of interpretation of aerial photographs for range and agricultural inventories. Photogram. Engin. 18:454. June 1952. 325.28 P56

75224 LONGHI, G. Volume tables of black pine, domestic pine and maritime pine in the forests of Emilia. (In Italian.) Italia Forest. e Mont. 7:104-105. Mar./Apr. 1952. 99.8 It12

75225 MEYER, H. A., and NELSON, F. B. Accuracy of forest growth determination based on the measurement of increment cores. Pa. Agr. Expt. Sta. B. 547,25 p. Mar.1952. 100 P381

75226 MIR'AP, M. Form-und inhaltuntersuchen bei den tannen. (In Turkish.) Istanbul. U. Orman Fakul. Dergisi (ser.A)1(2):143-170. 1951. 99.9 Is72
German summary.

75227 MOESSNER, K. E. Abstract of photo interpretation in forest inventories. Photogram. Engin. 18: 453. June 1952. 325.28 P56

75228 SCHRÖCK, O., and STERN, K. Untersuchungen zur frühbeurteilung der wuchsleistung unserer waldbäume, zugleich ein beitrag zur pappelzüchtung. Züchter 22:134-143. Ref. 1952. 442.8 Z8

75229 TODOROWITSCH, D. Einige annäherungsformeln für potenzieren von mathematischen ausdrücken mit bruchexponenten. (In Serbo-Croatian.) Skoplje. U. Zemjodelsko-Shumarski Fakul. God. Zbornik 1948/49 (2,Shumarstvo):97-113. 1951. 21.5 Sk5
German summary.

75230 TROREY, L. G. Aerial survey in forest management in the Pacific Coast forest region. Empire Forestry Rev. 31:99-102. June 1952. 99.8 Em72

75231 YEPEZ ARELLANO, J. Estudio comparativo sobre el calculo de las existencias normales en el N. O. del Estado de Chihuahua. Chapingo,Mex.,1951. 57 p. 99.553 Y4
Tesis - Escuela Nacional de Agricultura Chapingo.

75232 ZIMMERMAN, A. H. and POTTS, S. M. Cedar volume tables for the Tennessee Valley. U. S. Tenn. Val. Authority. Forest Forestry Relat. Dept. Tech. Note 8,5 p. Mar.1952. 173.2 T25Tn
Juniperus virginiana.

Silviculture

75233 ATTENBERGER, J. Mischwuchs-fragen im bayerischen oberland dargestellt an drei bauernwaldbeständen. Forstwiss. Centbl. 71:129-141. Ref. May/June 1952. 99.8 F775

75234 BARBER, J. C. Pond pine. Pinetum 1951:49-50,52. 99.08 P65

75235 BEHRNDT, G. Zur birkenzüchtung. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:33-35. Ref. 1952. 99.8 Z36

75236 BELLAN, A. Les peupliers et leur culture. Tarn-et-Garonne Agr. 15:88-89. (Cont.) May 1952. 14 T17

75237 BJØRGUNG, E. Experiments with the progeny of individual pine trees in the seaboard pine forest at Hvaler. (In Norwegian.) Skogbrukeren 27:115-116. May 15,1952. 99.8 Sk54

75238 COIMBRA FILHO, A. F. Contribution to the study of the initial development of the peroba of Campos [Paratecoma peroba]. (In Portuguese.) Agronomia [Rio de Janeiro] 10:187-192. July/Sept.1951. 9.2 Ag892
Culture.

75239 DÖRING, H. VON. Versuche, erfahrungen u gedanken aus einem kiefernrevier West-Mecklenburg. Allg. Forst - u. Jagdztg. 123:153-160. (Cont.) May 15, 1952. 99.8 AL3

75240 FIELDING, J. M. The Chiapas white pine. Austral. Forestry 15:114. 1951. 99.8 Au74

75241 GALOUX, A. Etude des conditions de croissance des essences forestières américaines susceptibles d'intéresser la sylviculture européenne. Rev. de l'Agr. 5:591-594. June 1952. 13 R322

75242 HAUSENDORFF, E. Waldwirtschaft oder plantagenwirtschaft. Forstwiss. Centbl. 71:116-126. Mar./Apr.1952. 99.8 F775

75243 IUNOVIDOV, A. P. Interrelation between stocking, density and closing up of the canopy of tree stands. (In Russian.) Lesn. Khoz. 4(10):23-27. Oct.1951. 99.8 L5622

75244 KAGIS, I. Some problems of mixedwood stands. Forestry Chron. 28(2):6-18. June 1952. 99.8 F7623

75245 KITTREDGE, J. Deterioration of site quality by erosion. J. Forestry 50:554-556. July 1952. 99.8 F768

75246 KLAEHN, F. U., and RUNQUIST, E. Die birke, eine zusammenfassung der neuesten untersuchungsergebnisse in forstbotanischer und forstbenutzlicher hinsicht und zur waldbaulichen behandlungsweise dieser holzart. Allg. Forst - u. Jagdztg. 123:172-177. Ref. May 15,1952. 99.8 AL3

75247 KRAHL-URBAN, J. Buchen-betriebszieltypen. Forstwiss. Centbl. 71:97-108. Mar./Apr.1952. 99.8 F775

75248 KRISO, K. Die ableitung von standortspektren aus vegetationsaufnahmen und ihre anwendung als standortsdiagnostische hilfsmittel. Forstwiss. Centbl. 71:151-169. Ref. May/June 1952. 99.8 F775

75249 LANGNER, W. Kreuzungsversuche mit Larix europaea D.C. und Larix leptolepis Gord. (Abridged.) Z. f. Forstgenet. u. Forstpflanzenzücht. 1:2-18,40-56. Ref. 1951-1952. 99.8 Z36

75250 MANSSON, H. In West Germany's forests. III. (In Swedish.) Skogen [Stockholm] 39:65*-66*. June 15, 1952. 99.8 Sk51
Silviculture.

75251 MOGALL, K. Für und wider den mischwald. Forstl. Mitt. 5:1-2. Jan.5,1952. 99.8 F7725

75252 OGORODOV, N. V. Growth of closed-canopy birch stands in the North-East of European Russia. (In Russian.) Lesn. Khoz. 4(10):31-34. Oct.1951. 99.8 L5622

75253 PAVLOV, B. A. Reconstruction of Crimean forests. (In Russian.) Lesn. Khoz. 4(9):29-36. Sept.1951. 99.8 L5622
Silvicultural policy.

75254 PRIEHAUSSER, G. Beitrag zur frage der vorwüchsigkeit von fichte und buche im bayerischen wald. Forstwiss. Centbl. 71:169-181. May/June 1952. 99.8 F775

75255 SALZMANN. Der anbau ausländischer holzarten im Sauerland. I-II. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:879-880,955-956. June 5,19,1952. 18 L2346

75256 SCHMIDT, H. Die verzweigungstypen der fichte (Picea abies L.) und ihre bedeutung für die forstliche pflanzenzüchtung. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:81-91. Ref. 1952. 99.8 Z36

75257 SCHOLZ, H. F. Age variability of northern red oak [Quercus borealis] in the upper Mississippi woodlands. J. Forestry 50:518-521. July 1952. 99.8 F768

75258 SOKOLOV, D. D. Utilization of soils of the semi-desert for shelterbelt silviculture. (In Russian.) Lesn. Khoz. 4(10):17-19. Oct.1951. 99.8 L5622

75259 STEGMANN, G. Steigerung der holzerzeugung durch pappelanbau. Umschau 52:233-235. Apr.15,1952. 474 Um7

75260 VEEN, B. Herkomstenonderzoek van de Douglas in Nederland. Provenance research of the Douglas-fir in the Netherlands. 's-Gravenhage,Excelsior, 1951. 130 p. Ref. 99.34 V51
English summary.

75261 WILLIAMS, R. W. M., and CHAVASSE, C. G. R. The silviculture of silver beech [Nothofagus menziesii] in Southland. New Zeal. J. Forestry 6:219-235. 1951. 99.8 C162

75262 WOHLFARTH, E. Zur waldbaulichen lage der gegenwart. Forstarchiv 23:57-65. Ref. May 1,1952. 99.8 F7723

Silvicultural Practices

75263 ALEKSANDROV, N. P. On openings between shelterbelts. (In Russian.) Les i Step' 3(9):35-38. Sept. 1951. 99.8 L565

75264 BRAMBLE, W. C., and WORLEY, D. P. Control of black locust [Robinia pseudoacacia] with chemical sprays. Pa. Agr. Expt. Sta. Prog. Rpt. 72:5 p. May 1952. 100 P381P

75265 CASSADY, J. T. Grass production doubled by control of scrub oak. J. Forestry 50:462-463. June 1952. 99.8 F768

75266 COLETTE, L. Les temps de passage. Soc. Roy. Forest. de Belg. B. 59:144-148. Mar.1952. 99.9 B83
Selective cutting.

75267 DANNECKER, K. Femelschlag- oder plenterbetrieb, eine zeitgemässe betrachtung. Allg. Forstz. 7: 265-269. June 11,1952. 99.8 AL52

75268 DAY, M. W. Controlling alder [Alnus incana] with basal stem sprays. Mich. Agr. Expt. Sta. Q. B. 34: 354-356. May 1952. 100 M58

75269 DRÎUCHENKO, M. M. Fertilizing pine on the blown over sands. (In Russian.) Les i Step' 3(9):23-27. Sept.1951. 99.8 L565

75270 GORDON, D. T., and COSENS, R. D. Slash disposal and site preparation in converting old-growth sugar pine-fir forests to regulated stands. U. S. Forest Serv. Calif. Forest & Range Expt. Sta. Forest Res. Notes 81,7 p. Feb.14,1952. 1.9 F7626R
Pinus lambertiana and Abies concolor.

75271 GRUSCHOW, G. F. Effect of winter burning on growth of slash pine [Pinus caribaea] in the flatwoods. J. Forestry 50:515-517. July 1952. 99.8 F768

75272 HENNECKE, K. Wuchsleistung und anbauwürdigkeit von fichte und kiefer auf sandböden in Schleswig-Holstein, zur frage der ertragssteigerung des waldes durch die holzartenwahl. Forstarchiv 23:25-32. Mar.15, 1952. 99.8 F7723

75273 HESMER, H. Wuchsstoffbekämpfung von unhölzern und forstunkräutern. Forstarchiv 23:41-45. Mar.15,1952. 99.8 F7723

75274 HILEY, W. E. Numerical thinning: with special reference to Japanese larch [Larix leptolepis]. Q. J. Forestry 46:170-180. Ref. July 1952. 99.8 Q2

75275 KARPENKO, A. N., and SACHLI, S. N. Effective utilization of the machine-tractor park of forest conservation stations in autumnal silvicultural work. (In Russian.) Les i Step' 3(9):39-43. Sept.1951. 99.8 L565

75276 KONSTANTINOVSKII, V. On cutting methods in the mountain forests. (In Russian.) Lesn. Khoz. 4(9): 72-74. Sept.1951. 99.8 L5622

75277 LIEFELD, T. A. Pruning is profitable. Amer. Forests 58(7):29,44. July 1952. 99.8 F762

75278 LITTLEFIELD, E. W. What about thinning plantations? N. Y. State Conserv. 6(6):12-14. June/July 1952. 279.8 N48

75279 LONGWOOD, F. R. Heavy mortality does not always follow partial cutting of hemlock-hardwood stands. J. Forestry 50:558-559. July 1952. 99.8 F768

75280 LØVENGREEN, J. A. Thinning and growth of oak at Bregentved. (In Danish.) Dansk Skovfor. Tidsskr. 37:234-250. May 1952. 99.8 D23

75281 LOYCKE, H. J. Maschinelle bodenbearbeitung in beständen. Forstarchiv 23:32-40. Mar.15,1952. 99.8 F7723

75282 MCLINTOCK, T. F. Cost of pruning red spruce [Picea rubens] in natural stands. J. Forestry 50:485-486. June 1952. 99.8 F768

75283 MANN, W. F., JR. Response of loblolly pine [Pinus taeda] to thinning. J. Forestry 50:443-446. June 1952. 99.8 F768

75284 RENNERFELT, E. On use of poison hormones in American forestry. (In Swedish.) Skogen 38:118-119. Nov.15,1951. 99.8 Sk51

75285 RYSTEDT, G. Weather forecasting for the burning of a clear cut area. (In Swedish.) Skogen 39:141. June 1,1952. 99.8 Sk51

75286 SAFAR, J. The problem of the selection of tree species in the forests. (In Serbo-Croatian.) Sumarski List 76:89-100. Apr.1952. 99.8 Su6
English summary.

75287 SAMSET, I. Mechanical and manual screefing. (In Norwegian.) Norway. Skogforsøksves. Meddel. 11:177-307. 1952? 99.9 N833
English summary.

75288 SCHANTZ-HANSEN, T. The Cloquet red pine [Pinus resinosa] thinning plots. J. Forestry 50:480-482. June 1952. 99.8 F768

75289 SERGUNIN, M., and ARZÎAKOV, I. Mechanized care of shelterbelts. (In Russian.) Les i Step' 3(9):47-48. Sept.1951. 99.8 L565

75290 SMITH, J. H. G. Possible uses of krilium in silviculture. Forestry Chron. 28(2):61-63. June 1952. 99.8 F7623

75291 SMITH, R. H. Branch control of beech [Fagus silvatica]. Q. J. Forestry 46:161-165. July 1952. 99.8 Q2
By pruning and thinning.

75292 U. S. TENNESSEE VALLEY AUTHORITY. DIV. OF FORESTRY RELATIONS. Guide for first thinning of plantations of loblolly and shortleaf pine. U. S. Tenn. Val. Authority. Forestry Relat. Dept. Tech. Note 9,8 p. Mar. 1952. 173.2 T25Tn

75293 WALLMO, T. Efficient selection cutting against selection cutting. (In Swedish.) Skogen 38:123-124. Nov.15,1951. 99.8 Sk51

75294 WARRACK, G. Comparative observations of the changes in classes in a thinned and natural stand of immature Douglas fir. Forestry Chron. 28(2):46-56. June 1952. 99.8 F7623

75295 WOHLFARTH, E. Das ende der durchforstung? Allg. Forst - u. Jagdztg. 123:160-170. Ref. May 15,1952. 99.8 AL3

75296 YOCOM, H. A. Estimating the time needed for girdling hardwoods. J. Forestry 50:484. June 1952. 99.8 F768

75297 YOUNG, H. E., and KRAMER, P. J. The effect of pruning on the height and diameter growth of loblolly pine [Pinus taeda]. J. Forestry 50:474-479. Ref. June 1952. 99.8 F768

75298 ZHILKIN, B. D. Increasing the productivity of pine groves by growing lupine. (In Russian.) Lesn. Khoz. 4(10):39-42. Oct.1951. 99.8 L5622

Seeding and Planting

75299 ALLARD, and PERROT. Reboisements industriels au Maroc. Rev. Forest. Franç. 6:399-407. June 1952. 99.8 R329

75300 BARANOV, N. On planning silvicultural work in nurseries. (In Russian.) Les i Step' 3(9):70-71. Sept.1951. 99.8 L565

75301 BINDSEIL. Ein beitrag zu den kommenden frühjahrskulturen, stockachselpflanzung und andere verbesserungen. Forst u. Holz 7:98-99. Apr.1,1952. 99.8 F7724

75302 BOICHENKO, E. P. Poplar shelterbelts—on the irrigated lands. (In Russian.) Les i Step' 3(9):85-86. Sept.1951. 99.8 L565

75303 BORCHERS. Die verjüngung der buchenaltholzbestände — ein ernstes problem der buchenwirtschaft in Niedersachsen. Forst u. Holz 7:61-64. Mar.1, 1952. 99.8 F7724

75304 BORKENHAGEN. Die naturverjüngengen in den gemeindewäldern der revierförsterei Niederlibbach. Forstl. Mitt. 5:97-98. May 5,1952. 99.8 F7725

75305 BRAATHE, P. The effect of different spacing upon stand development and yield in forests of Norway spruce. (In Norwegian.) Norway Skogforsøksves. Meddel. 11:425-469. Ref. 1952? 99.9 N833

75306 CARMEN, R. S. Forest tree seed plant, Angus. Sylva [Toronto] 8(2):5-8. Mar./Apr.1952. 99.8 Sy5

75307 CHINTE, F. O. Trial planting of large leaf mahogany (Swietenia macrophylla King). Philippine J. Forestry 6:313-326. Fourth Q.1949,pub.1951. 99.8 P53

75308 CORSON, C. W., FOWELLS, H. A., and KURSINSKI, A. E. Here's how; a guide to tree planting in the California pine region. U. S. Forest Serv. Calif. Forest & Range Expt. Sta. Misc. Paper 8,26 p. Mar.17, 1952. 1.9622 C2M68

75309 DANNECKER, K. Holzerzeugung oder verjüngung im wirtschaftswald? Forst u. Holz 7:94-98. Apr.1,1952. 99.8 F7724

75310 DROBOV, V. P. Growing forests under irrigation conditions. (In Russian.) Lesn. Khoz. 4(10):20-22. Oct.1951. 99.8 L5622

75311 ETHERIDGE, E. Educating future foresters. University of Georgia's tree nursery is laboratory for students, research center, aid to farmers. Nav. Stores Rev. 62(16):13,26-28. July 19,1952. 99.81 N22

75312 FREE, R. A. Germination and emergence of eucalypt seed when sown at depth. Austral. Forestry 15:115-120. 1951. 99.8 Au74

75313 GAN, P. A. Development of seedlings of tree species [Gleditsia and Fraxinus] and standardization of planting stock. (In Russian.) Lesn. Khoz. 4(9):21-28. Sept.1951. 99.8 L5622

75314 GEORGIEVSKII, V. N. Natural regeneration of clearings in the forest area. (In Russian.) Lesn. Khoz. 4(9):37. Sept.1951. 99.8 L5622

75315 GLUTSKII, I. I. Pre-planting preparation of pine seedings. (In Russian.) Les i Step' 3(9):72-74. Sept.1951. 99.8 L565

75316 GODNEV, E. D., and ĪŪNASH, G. G. Cultivation of pine by the sowing method. (In Russian.) Lesn. Khoz. 4(9):15-20. Sept.1951. 99.8 L5622

75317 GOUGET, P. Etude sur la forêt de Makak-Nyong (Cameroun) essais d'interprétation des résultats obtenus par la méthode d'enrichissement en layons. Bois et Forêts des Trop. 22:87-95. Mar./Apr.1952. 99.8 B632
English summary.

75318 GRAY, J. L. Plant forest trees. N. C. Agr. Col. Ext. C. 371,10 p. Apr.1952. 275.29 N811

75319 GRIGOR'EV, G. V. Shelterbelts on Brown soils. (In Russian.) Les i Step' 3(9):78-81. Sept.1951. 99.8 L565

75320 GROMYKO, I. D. How to cultivate the soil for sowing and planting forests. (In Russian.) Les i Step' 3 (9):94-96. Sept.1951. 99.8 L565

75321 HERZOG, W. Kleine pflanzen. Landwirt. Z. der Nord-Rheinprov. 119:518. May 17,1952. 18 L2344
Forest trees.

75322 JUNACK. Betrachtungen zur besten pflanzzeit der Douglasie. Forst u. Holz 7:78-80. Mar.16,1952. 99.8 F7724

75323 KOLESNIKOV, A. S. Superficial sowing of seeds of tree and shrub species. (In Russian.) Lesn. Khoz. 4(10):79-80. Oct.1951. 99.8 L5622

75324 KRASNOV, M. A. Survival of pine plantations at the time of closing the canopy on dry sands of the Buzulukskii forest. (In Russian.) Lesn. Khoz. 4(10):27-30. Oct.1951. 99.8 L5622

75325 KUZNETSOV, G. S. Norms for sowing seeds of small-leaf elm [Ulmus pumila] and white mulberry [Morus alba] in the light-Chestnut soil zone of Stalingrad Region. (In Russian.) Lesn. Khoz. 4(9):78-80. Sept.1951. 99.8 L5622

75326 LITVIAKOV, M. K. Tools and equipment for transplanting trees of many years standing. (In Russian.) Lesn. Khoz. 4(10):55-58. Oct.1951. 99.8 L5622

75327 LÜCKE, H. Züchtungsversuche mit kiefer (Pinus silvestris) und lärche (Larix decidua Miller) in Niedersachsen. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:74-77. 1952. 99.8 Z36

75328 LYSENKO, T. D. Results of experimental and industrial planting of shelterbelts by the group method in the years of 1949, 1950 and 1951. (In Russian.) Agrobiologiia 2:3-7. Mar./Apr.1952. 20 Ag822

75329 MATTHAEI. Uber die möglichkeit der aufforstung steriler industrieflächen. Forstl. Mitt. 5:25-26. Feb.5,1952. 99.8 F7725

75330 MEINES, M. K. Tree survival. S. Dak. Conserv. Digest 29(5):6,11. May 1952. 412.9 So822

75331 ORESHKOV, S. P. Group sowing of oak on the collective farms in Riazan Region. (In Russian.) Agrobiologiia 2:17-28. Mar./Apr.1952. 20 Ag822

75332 OSMAKOVSKII, P. A. Hot [water] method of [tree seed] stratification. (In Russian.) Lesn. Khoz. 4 (10):80-81. Oct.1951. 99.8 L5622

75333 PODOL'SKAIA, O. I. Accelerated stratification of soapbark tree [Quillaja] seeds. (In Russian.) Lesn. Khoz. 4(9):89. (In Russian.) Lesn. Khoz. 4(9):89. Sept. 1951. 99.8 L5622

75334 PRATS ZAPIRAIN, M. Sequeros de calor artificial y cámaras frigoríficas para conservación de semillas. In Spain. Serv. de Semillas Forestales. Producción de semillas en el año forestal 1949-50 y consumo durante 1950, p.7-26. Madrid,1951. 99.8 M26

75335 ROBERTSON, D. The treatment of natural reproduction of Pinus radiata. New Zeal. J. Forestry 6: 254-256. 1951. 99.8 C162
With introduction by H. H. Chapman and comment by H. V. Hinds.

75336 RUBANOV, B. V. Conditions required for high adaptability of forest plantings in the steppe districts. (In Russian.) Lesn. Khoz. 4(9):12-14. Sept.1951. 99.8 L5622
Planting chiefly.

75337 SCHANTZ-HANSEN, T. and JENSEN, R. A. The effect of source of seed on growth of jack pine. [Pinus banksiana] J. Forestry 50:539-544. Ref. July 1952. 99.8 F768

75338 SHOOBRIDGE, D. W. Mechanical clearing and ground preparation for softwood plantations in the Australian Capital Territory. Austral. Forestry 15:105-109. 1951. 99.8 Au74

75339 SØRENSEN, A. M. Re-planting of peat districts. (In Danish.) Dansk Hedeselsk. Hedeselsk. Tidsskr. 73:59-63. May 20,1952. 11 H35
Forest trees.

75340 SPAIN. SERV. DE SEMILLAS FORESTALES. Producción de semillas en el año forestal 1949-50 y consumo durante 1950. Madrid,1951. 128 p. 99.8 M26

75341 STAKHEIKO, F. G. Autumn sowing of pine. (In Russian.) Lesn. Khoz. 4(10):43-44. Oct.1951. 99.8 L5622

75342 STJEPAN, B. A contribution to the improvement of the success of the chesnutsowing. (In Serbo-Croatian.) Sumarski List 76:109-113. Apr.1952. 99.8 Su6
English summary.

75343 STONE, E. L., JR. and MUSGRAVE, R. B. A method of transplanting small shallow-rooted trees. J. Forestry 50:557. July 1952. 99.8 F768

75344 STRAND, L. Progeny tests with forest trees. Hereditas 38:152-162. 1952. 442.8 H42

75345 SUSMEL, L. Management of spruce and fir-woods. (In Italian.) Monti e Boschi 3:147-156. Apr. 1952. 16 M76
English summary.
Planting.

75346 TERESHCHENKO. Replacement of seeded beech [Fagus] by sprouted beech in the forests of Transcarpathia. (In Russian.) Lesn. Khoz. 4(9):58-59. Sept. 1951. 99.8 L5622

75347 TITOV, N. L. Our experiment in growing Euonymus verrucosus. (In Russian.) Lesn. Khoz. 4(9): 87. Sept.1951. 99.8 L5622

75348 TONKUS, V. T. On planting Fraxinus with freshly-harvested seeds. (In Russian.) Les i Step' 3(9): 96. Sept.1951. 99.8 L565

75349 U. S. FOREST SERV. Commercial sources of forest tree seed and seedlings. Washington,1951. 8 p. 1.962 C5C73

75350 U. S. FOREST SERV. You need trees! 6 lessons in tree planting. Prepared for the Country Women's Council, U.S.A. Washington,1952. various pagings. 1 F76Y

75351 VASIL'CHENKO, F. A. On wide-row sowing of forest seeds in an impervious bed. (In Russian.) Les i Step' 3(9):66-70. Sept.1951. 99.8 L565

75352 WETTSTEIN, W. Auslese bei birkennachkommenschaften. Holzforschung 5:106-108. 1951. 99.8 H74
English summary.

Forest Protection and Damage

75353 BUCKLAND, D. C., and MARPLES, E. G. Rodent damage to western hemlock. Forestry Chron. 28(2): 25-30. June 1952. 99.8 F7623

75354 BUSSE, VON. Ist schutzkratzen wirklich ein empfehlenswertes mittel gegen das schälen des rotwildes? Forst u. Holz 7:64-65. Mar.1,1952. 99.8 F7724

75355 EIDMANN, F. E. Wertminderung von fichtenbeständen durch den schälschaden des rotwildes. Forstarchiv 23:65-69. May 1,1952. 99.8 F7723

75356 EIDMANN, F. E. Wertminderung von fichtenbeständen durch den schälschaden des rotwildes. Holz-Zentbl. 78:1050. June 17,1952. 99.81 H742

75357 FLUGEL, H. Wildverbissschutz im Forstamt Westerhof. Forst u. Holz 7:82-83. Mar.16,1952. 99.8 F7724

75358 GEISE, W. Ohlsens fegeschutz D.G.M. Forst u. Holz 7:100. Apr.1,1952. 99.8 F7724

75359 GRACIE, W. M. The menace of the wild rabbit. Q. J. Forestry 46:166-170. July 1952. 99.8 Q2

75360 HAMILTON, C. D. Notes on the 1951 Queensland drought. Austral. Forestry 15:124-125. 1951. 99.8 Au74

75361 HASSENTEUFEL, W. Eine neue methode der lawinenverbauung. Allg. Forstztg. 63:164-166. July 1952. 99.8 AL53

75362 JENSEN, C. F. The hurricane on February 11,1952. (In Danish.) Dansk Skovfor. Tidsskr. 37:291-298. May 1952. 99.8 D23
Damage to forests.

75363 MERTHYR, LORD. The rabbit problem. Q. J. Forestry 46:147-152. July 1952. 99.8 Q2

75364 MORGAN, E. In a pig's eye. Forests & People 2(2):10-14. Apr.1952. 99.8 F7628
Damage to longleaf pine [Pinus palustris] seedlings by hogs.

75365 RADCLIFFE, D. N. An appraisal of seed damage by the Douglas fir cone moth [Barbara colfaxiana], in British Columbia. Forestry Chron. 28(2):19-24. June 1952. 99.8 F7623

75366 RUSDEN, P. L. Blister rust damage at Waterford, Vermont. J. Forestry 50:545-551. July 1952. 99.8 F768
To Pinus strobus.

75367 SANMARCHI, A. The various types of snow. (In Italian.) Monti e Boschi 3:30-35. Jan.1952. 16 M76
English summary.
Includes damage to woodlands.

75368 SCHIMITSCHEK, E. Probleme des forstschutzes in der Türkei. Z. f. Weltforstwirt. 15:58-65. Ref. Apr.1952. 99.8 Z35
English summary.

75369 STONE, E. L., JR. An unusual type of frost injury in pine. J. Forestry 50:560-561. July 1952. 99.8 F768

75370 STORCH, K., and others. Wildverbisschutzmittel. Nachrbl. des Deut. Pflanzenschutzdienstes 4:1-9. Ref. Jan.1952. 442.9 B832
H. J. Loycke, Türcke, W. Reichmuth, and W. Trappmann, joint authors.

75371 STROKOV, V. V. Siberian marmots—the most pernicious pests of shelterbelt silviculture. (In Russian.) Lesn. Khoz. 4(10):76-78. Oct.1951. 99.8 L5622

Fire

75372 CERDAN, D. Une industrie au service de la sécurité, celle de la lutte contre le feu, ennemi numéro 1 de la forêt et de l'atelier du bois. Rev. du Bois 7(6):25. June 1952. 99.82 R32

75373 IBBERSON, J. E. Fruits of the fire-fighters' efforts are beginning to ripen. Forest Warden News 26(2):2-3. Apr.1952. 99.8 F7643
Pennsylvania.

75374 MCGOWIN, E. M. You lose when forest burns. Ala. Conserv. 23(5):3,19. May/June 1952. 279.8 AL1

75375 OLSON, D. S. A new research project on logging slash disposal at the University of Idaho. Idaho Forester 33:37-40. 1951. 99.1 Id1

75376 RODGERS, E. E. Smokey Bear, his origin and use. Va. Forests 7(1):6-7. Jan./Feb.1952. 99.8 V81

75377 U. S. FOREST SERV. 1950 forest fire statistics. Washington,1951? 15 p. 1.9 F76Ffs

75378 U. S. FOREST SERV. CALIFORNIA REGION. Water vs fire; fighting forest fires with water, 1950, by A. G. Neuns. Washington?1951. 36 p. 1.9621 R5W29

75379 WALTERS, W. Forest fire insurance in North America with special reference to B.C. Forestry Chron. 28(2):31-39. June 1952. 99.8 F7623

Forest Influences

75380 AUGHANBAUGH, J. E. The forest—trout stream environment. Pa. Forests & Waters 4:26-27,40-41. Mar./Apr.1952. 99.8 P38

75381 BLACK, R. The trees that saved a town. Forest & Outdoors 48(7):10-11. July 1952. 99.8 C16
Sand-drift control by planting.

75382 GVOZDIKOV, A. V. Mechanization of work in stabilization and afforestation of sands in the area of the Principal Turkmenian Canal. (In Russian.) Lesn. Khoz. 4(10):51-54. Oct.1951. 99.8 L5622

75383 HESKE, F. Bodenbenutzung und bodenmissbrauch. Ihr einfluss auf das materielle und kulturelle leben des orients. (In Turkish.) Istanbul. U. Orman Fakul. Dergisi (ser.A)1(2):3-67. Ref. 1951. 99.9 Is72
Text also in German, and English summary.

75384 POTTER, L. D., LONGWELL, J., and MODE, C. Shelterbelt snow drifts. N. Dak. Agr. Expt. Sta. Bimon. B. 14:176-179. May/June 1952. 100 N313B

75385 RAKHMANOV, V. V. Forest influence on flow of rivers. (In Russian.) Les i Step' 3(9):11-17. Sept. 1951. 99.8 L565

Miscellaneous Forest Uses

75386 RHODES, R. R. Timber and forage production in a pine-hardwood stand in Texas. J. Forestry 50:456-459. Ref. June 1952. 99.8 F768

75387 SRDIC, D. Foresters and economy of the hunt. (In Serbo-Croatian.) Sumarski List 76:58-63. Jan./Mar. 1952. 99.8 Su6

FOREST INDUSTRIES AND TRADE

75388 FENSOM, K. G. Trends in wood utilization in British Columbia. Forestry Chron. 28(2):40-45. June 1952. 99.8 F7623

75389 FRIEDRICH, R. Imponderabilien unserer holzwirtschaftspolitik, welche massnahmen wären bei einem importstopp zu ergreifen? Holz-Zentbl. 78:1029-1031. June 14,1952. 99.81 H742

75390 GILBERT, W. Developments in Queensland timber trade. (Extr.) Austral. Timber J. 18:42,44,47. Feb.1952. 99.81 Au7

75391 GRUBEL. Der "freie holzmarkt" in theorie und praxis. Holz-Zentbl. 78:1109-1110. June 28,1952. 99.81 H742

75392 HEINRICHS, W. Eindrücke auf einer Finnlandreise. Holz-Zentbl. 78:1099-1100. June 26,1952. 99.81 H742

75393 JANICHEN-DEDERSTEDT, O. Weltholzmarkt—erstrebenswertes ziel. Z. f. Weltforstwirt. 15:65-67. Apr.1952. 99.8 Z35
English summary.

75394 LAMP, I. Die geffa-tagung 1951. Allg. Forstzg. 63:148-149. June 1952. 99.8 AL53
Lumber industry.

75395 LEIJONHUFVUD, A. C. Die organisation und tätigkeit der forstlichen arbeitsstudienabteilungen in Schweden. Z. f. Weltforstwirt. 15:95-99. June 1952. 99.8 Z35
English summary.

75396 MCDIARMID, J. S. Forest industry output rises with heavy demand for pulpwood. Forestry in 1951 in Manitoba. Canad. Pulp & Paper Indus. 5(4):93-94,96. Apr.1952. 302.8 W52

75397 MCLANE, P. V. New Zealand's forest industries. Foreign Trade 11:812-813. June 28,1952. 286.8 C162

75398 MEYNE, J. Was bringt die preisfreiheit? Holz-Zentbl. 78:927-928. May 27,1952. 99.81 H742

75399 MOORE, R. M., and BUCHWALTER, N. E. Collective bargaining in the Southern lumber industry. South. Lumberman 185(2311):42-44,46,48,50,52. Ref. July 15,1952. 99.81 So82

75400 MYRDAL, G. The evolution of the world timber market. (Extr.) Rev. Internatl. du Bois 19(169): 5-6. Apr./May 1952. 99.8 R326

75401 NOLY, R. Les industries du bois devant l'évolution économique et sociale. Rev. du Bois 7(6):19-24. June 1952. 99.82 R32

75402 NORGES TRELASTFORBUND. Prisliste over trematerialer for Østlandet, Sørlandet og Vestlandet [List of prices of wood materials for Eastern, Southern and Western Norway]. Oslo,1951. 14 p. 99.76 N76

75403 NOTES on the utilization and silviculture of the timbers used in wood based industries of India. I. Indian Forester 78:274-288. June 1952. 99.8 In2

75404 ORGANIZATION FOR EUROPEAN ECONOMIC CO-OPERATION. American forest operations and tropical timber production. Paris,1951. 88 p. 99.9 Or37
Logging, sawmilling and marketing.

75405 SMITH, R. A. The Celanese adventure. Fortune 46(2):100-105,135-136,138,140,142. Aug.1952. 110 F772
Includes logging operations in Canada.

75406 THUNELL, B. Saw mill industry's timber utilization. (In Swedish.) Paperi ja Puu B 34:95-112,114. Apr.15,1952. 302.8 P1991
English summary.
In Sweden.

75407 WEYERHAEUSER, F. K. Of trees and men. 3. Weyerhaeuser 20:20-23. June 1952. 99.81 W54
Forest products industries.

Lumbering

75408 ARVIDSON, B. Protection for the driver of tractors. Can accidents be avoided? (In Swedish.) Skogsägaren 28:119-120. June 1952. 99.8 Sk55

75409 AUBRÉVILLE, A. Des progrès remarquables de l'exploitation forestière sur la côte ouest d'Afrique. Bois et Forêts des Trop. 23:171-174. May/June 1952. 99.8 B632

75410 BLENKINSOP, R. I. C. Forest roads and their construction. Arbor 2:7-9. Mar.1952. 99.8 Ar17

75411 DAVIS, P. W. A question of utilization. Arbor 2:49-51. Mar.1952. 99.8 Ar17
Lumbering in India.

75412 DEHN, U. VON. Entrindungsanlagen in der schwedischen holzindustrie. Internatl. Holzmarkt 43(10):10-12. May 17,1952. 99.81 In82

75413 KARLBERG, S. Arsenic treatment of forest trees to facilitate barking. (In Swedish.) Skogen 38:108-109. Oct.15,1951. 99.8 Sk51

75414 MACHER, F. Zum holzienschlag im forstwirtschaftsjahr 1950. Internatl. Holzmarkt 43(6):4-5. Mar.22,1952. 99.81 In82

75415 NIETHAMMER, H. Holz aus Westafrika. Papier 6:255-260. June 1952. 302.8 P1934
Includes lumbering.

Lumbering Equipment

75416 GADENZ, K. Eine leistungsschau modernster bringungsgeräte. Allg. Forstzg. 63:146-148. June 1952. 99.8 AL53

75417 GAUBY, F. Die seilwinde zu den steyrtraktoren. Internatl. Holzmarkt 43(6):10-11. Mar.22,1952. 99.81 In82

75418 HAKKARAINEN, A. On the potential uses of trailers in the motor transport of timber. (In Finnish.) Paperi ja Puu B 34:117-120. Apr.15,1952. 302.8 P1991
English summary.

75419 JIRIKOWSKI, G., and BRUNNEDER. Unsere waldsägen. Allg. Forstztg. 63:167-170. July 1952. 99.8 AL53

75420 LAMP, I. Neuzeitliche sägen und axte im gebirgswald. Allg. Forstztg. 63:143-145. June 1952. 99.8 AL53

75421 MUIZON, P. DE. Un exemple d'emploi des engins mécaniques de terrassement en exploitation forestière tropicale. Bois et Forêts des Trop. 22:103-108. Mar./Apr.1952. 99.8 B632
English summary.

75422 VERGNEAU, J. La vidange par cable-lasso. Rev. Forest. Franç. 7/8:460-464. July/Aug.1952. 99.8 R329

Logging

75423 BITTERLICH, E. "Leerschlittenaufzug" ein weiterer schritt zur mechanisierung der holzlieferung im gebirge. Osterr. Forst- u. Holzwirt. 7:50-53. (Cont.) Feb.7,1952. 99.81 Os7

75424 COSENS, R. D. Reducing logging damage. U. S. Forest Serv. Calif. Forest & Range Expt. Sta. Forest Res. Notes 82,9 p. Feb.21,1952. 1.9 F7626R

75425 DOYLE, J. A. Logging waste survey. 1951. (Gaspe Peninsula, New Brunswick, and Nova Scotia). Canada. Forest Prod. Div. Mimeog. 0-165,14 p. May 1952. 99.9 C16B

75426 HART, A. C. A table of production rates for cutting spruce and fir pulpwood. J. Forestry 50:557-558. July 1952. 99.8 F768

75427 HERRICK, A. M., and MARTINELLI, M., JR. Why waste so much hardwood timber? Purdue U. Agr. Ext. L. 346,11 p. 1952. 275.29 In2L
Deals with trees cut for sawlogs.

75428 HILSCHER, A. Die erschwerung der arbeitsleistung im hauungsbetrieb durch astigkeit und hackstand. Z. f. Weltforstwirt. 15:101-104. June 1952. 99.8 Z35
English summary.

75429 JACQUIOT, C. Principes d'une méthode biologique d'écorcage des bois de taillis. Rev. Forest. Franç. 7/8:513-514. July/Aug.1952. 99.8 R329

75430 KOOLS, J. F. Lässt sich der hauungsbetrieb in den tropen noch verbessern? Z. f. Weltforstwirt. 15: 114-116. June 1952. 99.8 Z35
English summary.

75431 LLOYD, A. H. Timber extraction from difficult sites, the use of modern cableway systems. Wood [London] 17(6): 218-220. June 1952. 99.82 W855

75432 MCCRAW, W. E. Machinery developments for southern logging operations. (Abs.) Assoc. South. Agr. Workers. Proc. 49:173. 1952. 4 C82

75433 OLSON, D. S. Underground damage from logging in the western white pine [Pinus monticola] type. J. Forestry 50:460-462. June 1952. 99.8 F768

75434 PESTAL, E. Der allradantrieb im holztransport. Österr. Gesell. f. Holzforsch. Mitt. 4:35-37. May 1952. 99.9 Os72

75435 PLANNING the fast harvest of the Forks burn. Timberman 53(9):62,64,67,70-73. July 1952. 99.81 T484

75436 ROSE, H. A. Airplane-type control for log debarking. Westinghouse Engin. 12:127. July 1952. 335.8 W52

75437 SAMBERGS, A. Wages of forest workers during the years 1913/14-1951/52. (In Swedish.) Skogsägaren 28:114-119. June 1952. 99.8 Sk55

75438 SANDMANN. Das rücken von schichtholz. Forstl. Mitt. 5:76. Apr.5,1952. 99.8 F7725

75439 SEREVO, T. S. Some observations on the effects of different methods of logging on residual stand and on natural reproduction. Philippine J. Forestry 6: 363-381. Ref. Fourth Q.1949,pub.1951. 99.8 P53

75440 STEINLIN, H. Motorseilwinden für den einsatz im gebirgswald. Z. f. Weltforstwirt. 15:107-111. June 1952. 99.8 Z35
English summary.

75441 VILLIKKA, P. On the determination of the strength of a tied bundle. (In Finnish). Paperi ja Puu. B 34(spec.no.):165-167. Apr.25,1952. 302.8 P1991
English summary.

75442 VILLIKKA, P. On the marking of timber for floating with paint. (In Finnish.) Metsätaloudellinen Aikakauslehti 3/4:109-112,115-116. 1952. 99.9 F49
English summary.

75443 WIBSTAD, K. The railroad in the service of forestry. (In Norwegian.) Skogeieren 39:68-69. May 15,1952. 99.81 Sk5

Sawmills

75444 ADAM, J. Der schnittfugenmesskeil. Holz-Zentbl. 78:1051. June 17,1952. 99.81 H742

75445 BACKMAN, O., and WINNLERT, E. Lumbering saws and saw research at the Sandvik steel works. Z. f. Weltforstwirt. 15:111-114. June 1952. 99.8 Z35

75446 BENNETT, H. D. Why sawing big logs means more profits. Wood & Wood Prod. 57(7):32,34. July 1952. 99.82 W856

75447 BERBERICH, P. A. Richtige riemenscheiben für kreissägen. Traktor 3:120-121. May 1952. 58.8 T677

75448 CRINGAN, A. T. Ontario's farthest north sawmill. Sylva [Toronto] 8(2):37-39. Mar./Apr.1952. 99.8 Sy5

75449 UNE ENQUETE sur les scieries de l'Afrique française et de la Guyane. Bois et Forêts des Trop. 23: 179-188. May/June 1952. 99.8 B632
English summary.

75450 FORBES, B. Two-by-four mill thrives on farm lot timber. Wood & Wood Prod. 57(7):28-29. July 1952. 99.82 W856
Idaho.

75451 HÖNICKE, K. Richtiger sägenüberhang voraussetzung fürgute schnittleistungen an vollgattern. Holz-Zentbl. 78:1127-1128. July 1,1952. 99.81 H742

75452 HYLAND, J. The rudiments of sawmilling. I. Timber News 60:294-295. June 1952. 99.81 T482

75453 JOHNSON, F. C. Sawmilling practice and lumber processing. Timber News 60:41-43,92-95,145-147,196-197,246-247. Jan.-May 1952. 99.81 T482

75454 KIEKENS, D. Sawteeth in action. (In Dutch.) Houthandel 5:131-133. July 3,1952. 99.81 H81

75455 KRAMER, P. B. Lumber yields from low-grade logs. South. Lumberman 185(2311):40. July 15, 1952. 99.81 So82

75456 LAWRENCE, A. O. The outlook for the Australian sawmilling industry. Austral. Timber J. 18: 49,51,79. Feb.1952. 99.81 Au7

75457 MAHAFFY, R. V. Forest lab research mill to aid problem study. Canada Lumberman 72(6):51,67-68. June 1952. 99.81 C16

75458 MAKKONEN, A. Presenting motor saws. II. Stihl. (In Finnish.) Teho 4:172-175. 1952. 20 T98
English summary.

75459 SCHMIDT, A. J. Sägeindustrie und forstwirtschaft. Allg. Forstztg. 63:140-142. June 1952. 99.8 AL53

75460 SIMONSSON, A. Moderne sägetechnik, bessere holzauswertung. Allg. Forstztg. 63:142-143. June 1952. 99.8 AL53

75461 TUOMPO, V. V. Modernization work at the Karihaara sawmill. (In Finnish.) Paperi ja Puu B 34:87-93. Apr.15,1952. 302.8 P1991
English summary.

75462 YORKE, G. Saw mill and engineering. The movement of timber within the mill. Timber Trades J. 201:1861-1862. June 14,1952. 99.81 T48

Processing and Woodworking

75463 BROOKS, D. E. Redesigning a wood profiling machine. Timber News 60:296-297. June 1952. 99.81 T482

75464 DRAKE, C. E. Carbide tipped saws. South. Lumberman 185(2311):72-74,76,78,80. July 15,1952. 99.81 So82

75465 DRUMMOND, S. The panel planer. 4-10. Timber News 59:306-307,351-352,401-402,449-450,503-504,551-552; 60:39-40. July-Dec.1951, Jan.1952. 99.81 T482

75466 GRONEMAN, C. H. General woodworking. New York,McGraw-Hill,1952. 220 p. 99.77 G89

75467 HARRIS, P. Factors influencing the performance of woodworking machinery. (Sum.) Timber News 60:245. May 1952. 99.81 T482

75468 HORDERN, R. H. The technology of woodwork costing. 8. Applied costs and production value. Wood [London] 17(6):240-242. June 1952. 99.82 W855

75469 HYLER, J. E. Aspects of circular saw blades. Veneers & Plywood 46(7):18, 20. July 1952. 99.82 V55

75470 HYLER, J. E. Dovetail cuts in woodwork joinery. I. Timber Canada 12(10):24-27. June 1952. 99.81 T487

75471 HYLER, J. E. Dovetail cuts in woodwork joinery. II. Timber Canada 12(11):24-27,61. July 1952. 99.81 T487

75472 KIVIMAA, E. Die schnittkraft in der holzbearbeitung. Holz als Roh- u. Werkst. 10:94-108. Ref. Mar.1952. 99.81 H74

75473 NICKEL. Widiabestückte holzbearbeitungswerkzeuge. Holz-Zentbl. 78:1014. June 10,1952. 99.81 H742

75474 TÖGEL, K. Erhaltung und entwicklung der produktivität in der holzverarbeitenden industrie. Holz-Zentbl. 78:1112. June 28, 1952. 99.81 H742

75475 WEINGARTEN, H. Die neue verdingungsordnung für bauleistungen und die holzverarbeitende industrie. Holz-Zentbl. 78:990-992. June 7,1952. 99.81 H742

Seasoning, Conditioning and Finishing

75476 EISENMANN, E. Leistung und wirtschaftlichkeit neuer holztrocknungsverfahren. Holz-Zentbl. 78: 1090-1092. June 24,1952. 99.81 H742

75477 HANSEN, G. M. 'Selling' lumber for home building. Miss. Val. Lumberman 83(45):10-11. June 27, 1952. 99.81 M69
Painting and varnishing.

75478 KEYLWERTH, R. Hochtemperatur-trockenanlagen. Holz als Roh- u. Werkst. 10:134-138. Apr.1952. 99.81 H74

75479 KEYLWERTH, R. Der verlauf der holztemperatur während der furnier- und schnittholztrocknung. Holz als Roh- u. Werkst. 10:87-91. Mar.1952. 99.81 H74

75480 LADEMANN, F. To which dryer should preference be given? (In Italian.) Indus. del Legno 4:58-59. Mar.1952. 99.82 In2

75481 NARAYANAMURTI, D., and PRASAD, B. N. Infrarottrocknung von furnieren. Holz als Roh- u. Werkst. 10:92-94. Mar.1952. 99.81 H74

75482 RENO, J. Paint troubles on redwood [Sequoia sempervirens] siding, causes and cures. I-II. Amer. Lumberman & Bldg. Prod. Merchandiser 3493:106,108; 3494:42-43. June 16,30,1952. 99.81 Am3

75483 ROACH, D. J. A scientific approach to wood. 2. The science of drying and seasoning. Timber News 59:493-494,541-542. Nov.-Dec.1951. 99.81 T482

75484 TIEMANN, H. D. The kiln drying of lumber. 43. How water moves through wood in drying. South. Lumberman 185(2311):54,56. July 15,1952. 99.81 So82

75485 VILLIERE, A. Réflexions sur l'emploi des appareils électriques de mesure d'humidité des bois. Rev. du Bois 7(6):13-17. June 1952. 99.82 R32

75486 WRIGHT, D. High temperature kilns speed lumber drying. Canada Lumberman 72(6):49,80. June 1952. 99.81 C16

Wood Preservation and Damage

75487 ALLIOT, H. Results of research on the chemical protection of green timbers. Timber News 59: 345-346. Aug.1951. 99.81 T482

75488 BENNETT, R. G., and BINNS, E. J. The preservation of wooden transmission poles. Timber News 59:478-480. Nov.1951. 99.81 T482

75489 BENSON, D. D. An analysis of deterioration in farm structures. (Abs.) J. Forestry 50:559. July 1952. 99.8 F768

75490 BORG, J. Preservation of fence posts. (In Swedish.) Mjölkpropagandan 29:107. Apr.1952. 44.8 M692

75491 BROOKE, E. H. B. The identification and treatment of defects in timber. Timber News 59:532-533; 60: 20-21. Dec.1951-Jan.1952. 99.81 T482

75492 COX, H. A. Some recent wood preserving activities. (Extr.) Timber News 60:72-73. Feb.1952. 99.81 T482

75493 DARWIN, W. N. A coordinated program of research in wooden fence post treatment. (Abs.) Assoc. South. Agr. Workers. Proc. 49:24. 1952. 4 C82

75494 EISNER, H. S. Fire-retardant treatment of mine timber. Gt. Brit. Safety Mines Res. Estab. Res. Rpt. 35,37 p. Ref. Dec.1951. 296.6 E18

75495 FINDLAY, W. P. K. Dry rot in timber. Timber News 59:286-287,389-391,440-441. July,Sept.-Oct.1951. 99.81 T482

75496 GILLES, F. Ignifugation des placages. Rev. du Bois 7(6):30. June 1952. 99.82 R32

75497 GRIFFIOEN, K. An experiment with impregnated sleepers in an Indonesian railroad track. Indonesia. Balai Penjelidikan Kehutanan. Pengumuman 34:157-178. 1952. 99.9 Ea72

75498 HAMILTON, J. R., and DIXON, R. D. Preservation of fence posts by the cold-soak method. Ga. Agr. Expt. Sta. C. 169,17 p. Oct.1951. 100 G29S

75499 HUDSON, M. S. Recovery of solvent from pressure treated lumber produces paintable product. (Abs.) Assoc. South. Agr. Workers. Proc. 49:90-91. 1952. 4 C82
In wood preservation.

75500 MCNEIL, D. Creosote for wood preservation. Chem. Trade J. & Chem. Engin. 130:1517-1518. June 27,1952. 382 C422

75501 MARSDEN, D. H. Preparation of slide-mounts to study distribution of preservative material in wood. Phytopathology 42:300. June 1952. 464.8 P56

75502 METEER, J. W., and SARLES, R. L. Cold soaking helps utilize non-durable woods to make good fence posts. Ohio Farm & Home Res. [Ohio Sta.] 37: 39-40,42-43. May/June 1952. 100 Oh3S

75503 NEARN, W. T., and KERSTETER, A. Table top wood treating plant. Pa. Agr. Expt. Sta. Prog. Rpt. 75,4 p. May 1952. 100 P381P
Facilities for study of wood preservation.

75504 NOWAK, A. Bedeutung und gegenwärtiger stand des holzschutzes. Allg. Forstztg. 63:130-131. June 1952. 99.8 AL53

75505 NUCKOLS, L. T. Diversified uses of treated wood on railroads. (Excerpts.) Wood Preserv. News 30: 65-68. June 1952. 300.8 W853

75506 PURUSHOTHAM, A., and JAIN, J. C. Protection of timber, grasses and textiles against fire. Indian Forester 78:299-300. June 1952. 99.8 In2

75507 RABBAGE, L. H. Pressure treated wood in New York's waterfront structures. (Extr.) Wood Preserv. News 30:49-52,56-59. May 1952. 300.8 W853

75508 ROSS, D. S. Protection against marine termites. Fishing Gaz. 69(6):42,44,47. June 1952. 286.85 F53
Wood protection against marine borers.

75509 SCHOFIELD, J. A. Preservation, preservatives and pressure methods. Timber News 59:380-382. Sept.1951. 99.81 T482

FOREST PRODUCTS

75510 BETHEL, J. S. Wood products research at North Carolina State College. Pinetum 1951:27-29. 99.08 P65

75511 BROWN, N. C. The problem of milling and utilising small tree sizes. Wood [London] 17(6):234-235. June 1952. 99.82 W855

75512 CONCHON, H. Les produits forestiers du Cameroun et leurs utilisations. Marchés Colon. du Monde 8:1305-1307. May 17,1952. 286.8 M33

75513 FLATSCHER, H. Salzburger holztagung 1952. Allg. Forstztg. 63:121-122. June 1952. 99.8 AL53

75514 THE FOREST Products Research Laboratory an outline of its work and services. Wood [London] 17(6): 210-217. June 1952. 99.82 W855

75515 INSTITUT NATIONAL DU BOIS. Utilisation des déchets de bois. Inst. Natl. du Bois. Étude Tech. 9, 16 p. Ref. Feb.1952. 99.9 P21E

75516 JENKINS, J. H. Forest products research in Canada. Timber News 60:236-238. May 1952. 99.81 T482

75517 JUSSILA, E. A. Foundation for Forest Products Research in Finland. Establishment and early history. (In Finnish.) Paperi ja Puu B 34:81-82. Apr.15, 1952. 302.8 P1991

75518 MAHAFFAY, R. E. The wonder of wood. Calif. Lumber Merchant 30(24):68,70,72. June 15,1952. 99.81 C12
Also in Miss. Val. Lumberman 83(44):8-9,29. June 20, 1952. 99.81 M69

75519 MAHAFFAY, R. E. The wonders of wood. N. Y. Lumber Trade J. 131(1436):6-7. July 1952. 99.81 N48
Future uses.

75520 PERHUSEN, K. R. Forests and defense. (In Swedish.) Skogen 39:129. June 1,1952. 99.8 Sk51
Use of forest products.

75521 POBLACION, G. Ways and means of increasing wood utilization. Philippine J. Forestry 6:329-348. Ref. Fourth Q.1949,pub.1951. 99.8 P53

75522 SHEPARD, H. B. Continuing commercial value seems sure for eastern pine [Pinus strobus]. II. Wooden Box & Crate 14(3):18-20. May/June 1952. 99.82 W857

75523 WILLIAMS, T. Tropical woods being tested for new uses. So. African J. Sci. 48:306-307. May 1952. 515 So84

Lumber and Rough Products

75524 CERMAK, F., and ZENATY, J. G. Log grading in Gaboon. I. Wood [London] 17:(6)221-223. June 1952. 99.82 W855

75525 CONKLIN, E. W. Progress: in lumber distribution. N. Y. Lumber Trade J. 131(1435):20. June 1952. 99.81 N48

75526 DUNCAN, J. Cedar [Thuja plicata] the tree of life. Brit. Columbia Lumberman 36(6):73-74. June 1952. 99.81 B77

75527 ERNST. Nach der freigabe des rundholzmarktes. Forst u. Holz 7:135-136. May 16,1952. 99.8 F7724

75528 GRADING of hardwoods. IV-V. Empire Forestry Rev. 31:127-130. June 1952. 99.8 Em72
IV, South Africa; V, New Zealand, by J. S. Reid.

75529 HUFNAGL, H. Brennholz für das nächste jahr. Bauer 5(6):2-3. Feb.9,1952. 19 B32
Austria.

75530 LEHELA, E. Stickering of lumber packages. (In Finnish). Paperi ja Puu. B (spec.no.):160-164. Apr. 25,1952. 302.8 P1991
English summary.

75531 MANG, J. Zur grubenholzfrage. Forst u. Holz 7:121-122. May 1,1952. 99.8 F7724

75532 MAYER-WEGELIN, H. Die bedeutung der schaftform für die verwendung des stammholzes zu leitungsmasten. Holz-Zentbl. 78:1129-1130. July 1, 1952. 99.81 H742

75533 MOLLENHAUER, R. Wege zur ordnung des rundholzmarktes. Norddeut. Holzwirt. 6(18):1-2. May 1, 1952. 99.82 N75

75534 MOLTESEN, P. Prices and marketing of fuelwood. (In Danish.) Dansk Skovfor. Tidsskr. 37:219-233. May 1952. 99.8 D23

75535 WHITE, D. F. Talk on hardwoods. Calif. Lumber Merchant 31:12,56,58. July 1,1952. 99.81 C12

Building Construction

75536 ARMBRUSTER, E. Holzfussböden. Österr. Gesell. f. Holzforsch. Mitt. 4:31-34. May 1952. 99.9 Os72

75537 BUBANJ, V. Die parkettindustrie jugoslawiens. Internatl. Holzmarkt 43(7):19-20. Apr.5,1952. 99.81 In82

75538 CAMMERER, J. S. Uber die durchfeuchtung von wänden durch dampfdiffusion aus den innenräumen. Holz-Zentbl. 78:901. May 20,1952. 99.81 H742

75539 HARTL, F. Die entwicklung des österreichischen ingenieurholzbaues. Allg. Forstztg. 63:133-138. June 1952. 99.8 AL53

75540 JACKSON, M. W. Why not use timber? (Abs.) Civ. Engin. 22:489. July 1952. 290.8 C49
For building.

75541 KNIGHT, R. A. G. Plywood as a building material. Timber News 59:433-435,491-492,494,539-540. Oct.-Dec.1951. 99.81 T482

75542 LAMB, D. A. The construction of exhibition stands. Timber News 59:487-488. Nov.1951. 99.81 T482

75543 LATHAM, B. Wooden ships. 2. To Trafalgar. Wood [London] 17(6): 228-230. June 1952. 99.82 W855

75544 POOLE, J. R. M. The part played by timber in the Festival of Britain. Timber News 59:281-283,333-334,336. July-Aug.1951. 99.81 T482

75545 SPIWAK, L. and STANLEY, G. W., JR. Laminated freight cars and trailers. Wood Working Digest 54:151-154,156,158,160,162,164,166-167. July 1952. 99.82 W87

75546 STERN, E. G. Straight versus slant driving of nails. Timber News 60:186-187. Apr.1952. 99.81 T482

75547 STONEBURNER, P. W., and STERN, E. G. Wood trussed rafters. Agr. Engin. 33:426-428. July 1952. 58.8 Ag83

75548 WITTWAR, P. Der vierkantbalken als biegungsbeanspruchter träger. Internatl. Holzmarkt 43 (6):12-15. Mar.22,1952. 99.81 In82

Veneers, Plywood and Adhesives

75549 AMERICAN SOCIETY FOR TESTING MATERIALS. Symposium on structural sandwich construction, presented at the fifty-fourth annual meeting, 1951. Philadelphia,1952. 114 p. (Its Special Technical Publication 118) 290 Am323Ss
Introduction by A. G. H. Dietz; papers by L. J. Markwardt, H. W. March, C. B. Norris, G. Gerard, E. W. Kuenzi, J. P. Pajah, G. M. Rapp, and B. G. Heebink.

75550 BELLOTTI, L. Principles and functions of heating by radio-frequency. (In Italian.) Indus. del Legno 4:68-69. (Cont.) Mar.1952. 99.82 In2

75551 BOEHM, R. M., and HARPER, J. S. Application of hardboard in veneered panels. II. Wood & Wood Prod. 57(7):27,46,54,56. July 1952. 99.82 W856

75552 BOOTH, F. L. Veneered hardwood stock is popular for "wall spacing." Veneers & Plywood 46(7): 30-32. (Concl.) July 1952. 99.82 V55

75553 DICKINSON, T. A. Single tool setup handles variety of door sizes. Wood & Wood Prod. 57(7):24-25. July 1952. 99.82 W856

75554 GREVEN, T. Der handel mit sperrholz und holzfaserplatten. Holz-Zentbl. 78:928-929. May 27,1952. 99.81 H742

75555 HARRIS, N. A. Veneer lathe knife holder system. Veneers & Plywood 46(5):30,32. May 1952. 99.82 V55

75556 HAWES, R. N. Foreign competition threatens hardwood plywood industry. South. Lumber J. 56(7):56, 58. July 1952. 99.81 So8

75557 HIGGINS, H. G., FRASER, D., and HAYES, J. F. Role of the sulphydryl group in the formation of alkaline protein gels. Nature [London].169:1020-1021. Ref. June 14,1952. 472 N21
Adhesives.

75558 HYLER, J. E. Cutting, clipping separated by veneer reeling method. Veneers & Plywood 46(5):22,24, 28-29. May 1952. 99.82 V55

75559 HYLER, J. E. Veneer drying operations and equipment. 5. South. Lumberman 185(2310):49-51. July 1,1952. 99.81 So82

75560 KUBLER, H. Neue maschinen für die sperrholzindustrie. Holz als Roh- u. Werkst. 10:144-157. Apr.1952. 99.81 H74

75561 MACY, P. A. Glues used in the woodworking industry. 2. Synthetic resins. Wood Working Digest 54:47-52,54-56,58-60. July 1952. 99.82 W87

75562 NARAYANAMURTI, D., and DHAMANEY, C. P. Studies on adhesives. XVI. Plywood adhesives from cashew nut shell liquid. Indian Forester 78:301-304. June 1952. 99.8 In2

75563 PERRY, T. D. Types of plywood. 10. Plywood in musical instruments. Wood Working Digest 54:139-142,144,146. July 1952. 99.82 W87

75564 RACKWITZ, G. Erfahrungen und versuche mit kauritleim bei der furnierplattenherstellung. Holz-Zentbl. 78:1009-1010. (Cont.) June 10,1952. 99.81 H742

75565 RACKWITZ, G. Erfahrungen und versuche mit kauritleim bei der furnierplattenherstellung. Holz-Zentbl. 78:1020-1021. (Concl.) June 12,1952. 99.81 H742

75566 SAKS, E. V. American, German, Swedish and Finnish lathes dominate. Veneers & Plywood 46(7):22-23. July 1952. 99.82 V55

75567 SEKULES, W. New bending process in Britain excites industry. Veneers & Plywood 46(7):12-14. July 1952. 99.82 V55

Furniture

75568 CONNELLY, H. H. Developments in materials. Wood Working Digest 54:99-100,102,104,106,108. July 1952. 99.82 W87
For finishing furniture.

75569 DESCH, H. E. Consumer preference and prejudice. Timber News 59:326-328. Aug.1951. 99.81 T482
Furniture woods.

75570 GRAHAM, P. Proper selection and use of furniture hardwoods: hard hardwood species: rock elm. Furniture Mfr. 73(7):46-49. July 1952. 300.8 F982

75571 KOTILAINEN, M. Beauty revealed in wood. Finn. Paper & Timber 2:94-95. Oct.1951. 302.8 F49
Furniture.

75572 SPIVEY, G. L. Refinishing furniture and care of woods. Okla. Agr. Col. Ext. C. 265,16 p. n.d. 275.29 Ok41C

Containers

75573 SCOTT, P. R. What is wrong with paperboard. Paper Mill News 75(26):161-162. June 28,1952. 302.8 P195

Pulp and Paper

75574 ADAMS, W. C. History of papermaking in the Pacific Northwest. Portland,Binfords & Mort,1951. 67 p. 302 Ad1

75575 AMERICAN PULP AND PAPER MILL SUPERINTENDENTS ASSOCIATION. Yearbook, thirty-second annual edition, 1951. Chicago,1951. 368 p. 302.9 Am35

75576 AREND, J. L. Bark loosening effects with 2, 4-D, 2, 4, 5-T and ammate. Pulp & Paper Mag. Canada 53(7):159,161,164. June 1952. 302.8 P96
For pulpwood.

75577 ATCHISON, J. E. European pulp and paper industry moves ahead. World's Paper Trade Rev. 137:1655-1656,1658,1660. (Extr.) June 5,1952. 302.8 W89

75578 ATCHISON, J. E. Europe's paper problems. Pulp & Paper 26(7):43. July 1,1952. 302.8 P11

75579 BEALS, C. T. Practical slime control. Pulp & Paper 26(8):40. July 1952. 302.8 P11

75580 BHAT, R. V., and SINGH, M. M. Indigenous cellulosic raw materials for the production of pulp, paper and board. X. Indian Forester 78:292-298. June 1952. 99.8 In2

75581 BIALKOWSKY, H. W., and DEHAAS, G. G. Stabilization of Douglas fir kraft black liquor. Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32:158,162,164,166, 168,170. 1951. 302.9 Am35

75582 BRECHT, W. and CORNEL, H. Vergleich des mahlverhaltens von holzzellstoff, braunschliff und weissschliff. Papier 6:200-205. June 1952. 302.8 P1934

75583 BROWN, W. F. The pulping of hardwoods. (Abs.) Assoc. South. Agr. Workers. Proc. 49:90. 1952. 4 C82

75584 CALKIN, J. B. This industry's future: looking ahead through chemist's eyes. Pulp & Paper 26(7):26,28-29. July 1,1952. 302.8 P11

75585 CENTOLA, G., and BORRUSO, D. Possibility of accelerating beating rate of cellulose. (In Italian.) Indus. della Carta 6:41-47. Ref. Apr.1952. 302.8 In22
English summary.

75586 CHURCHMAN, J. W. Preliminary inventory indicates 60,000,000 cords of pulp species. Forestry in 1951 in Saskatchewan. Canad. Pulp & Paper Indus. 5(4):98,100, 102. Apr.1952. 302.8 W52

75587 CROSSLEY, T. L. Multi-fibrous hardwood pulp, further data on effect of bast fibre content of pulp from prunings. Pulp & Paper Mag. Canada 53(7): 126-130. June 1952. 302.8 P96

75588 EKHOLM, E. Ethyl alcohol—is it a solution to the sulphite waste liquor problem? Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32:116,118. 1951. 302.9 Am35

75589 ENSTROM, A. Observations on the investment problems of the pulp industry. (In Swedish.) Svensk Papperstidn. 55:271-277. Apr.30,1952. 302.8 Sv2
Chiefly on export markets.

75590 FARLEY, W. F. Wood handling and chip servicing at Camas. Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32:246,250,253,256. 1951. 302.9 Am35
Includes discussion.

75591 FOOTE, R. W. Half world newsprint from Canada. Canad. Pulp & Paper Indus. 5(4):18-19. Apr.1952. 302.8 W52

75592 FOWLER, R. M. Pulp and paper in 1951. Canad. Pulp & Paper Indus. 5(4):14-17. Apr.1952. 302.8 W52

75593 GADD, G. O. Observations on the development of fungi in pulp and a method to estimate the damages caused by them. Paperi ja Puu. B 34(spec.no.):129-136. Ref. Apr.25,1952. 302.8 P1991

75594 GRIFFITH, F. T. Founders of paper industry in Oregon. Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32:331-332,334,336-337. 1951. 302.9 Am35
Includes discussion.

75595 GUSTAFSSON, C., TAMMELA, V., and KAHILA, S. On pitch troubles caused by sulphite pulp. Paperi ja Puu. B. 34(spec.no.):121-126,128. Ref. Apr.25,1952. 302.8 P1991

75596 HOWERTON, R. L. Newer trends in pulpwood handling. Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32:231-232,236. 1951. 302.9 Am35

75597 HUMBLE, I. Semichemical pulp in U.S.A. (In Swedish.) Svensk Papperstidn. 55:305-312. Ref. May 15, 1952. 302.8 Sv2

75598 ISENBERG, I. H. Pulpwoods of United States and Canada. Ed. 2. Appleton,Wis.,Inst. of Paper Chem., 1951. 187 p. 99.31 Is2

75599 JAYME, G., and WORNER, G. Uber vergleichende alkalische aufschlüsse von fichtenholz unter zusatz von hypodisulfit und sulfit. Papier 6:220-222. June 1952. 302.8 P1934

75600 JENSEN, W. The activity in 1951-52 at the Institute of Wood Chemistry at University Abo Akademi. (In Swedish.) Paperi ja Puu. B 34(spec.no.):157-159. Apr.25,1952. 302.8 P1991
English summary.

75601 JENSEN, W., and RINNE, P. Investigation of fusel oil obtained in the production of alcohol from sulphite waste liquor. II. (In Swedish). Paperi ja Puu. B 34(spec.no.):137-139. Apr.25,1952. 302.8 P1991
English summary.

75602 JOHNSON, M. Recent developments in hydraulic barking. Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32:236,240,242,246. 1951. 302.9 Am35
Includes discussion.

75603 KAUFMANN, Z. Über die chemischen vorgänge beim aufschluss von holz nach dem sulfitprozess. Zürich,Leemann,1951. 117 p. 302 K16

75604 LAURELL, L. Retention of sodium carboxymethyl cellulose in wood-pulp. Svensk Papperstidn. 55: 366-369. May 31,1952. 302.8 Sv2

75605 LOGAN, D. V. Dissolving pulp from southern hardwoods. J. Forestry 50:483. June 1952. 99.8 F768

75606 LYBERG, B. Chemical industry based on the byproducts of chemical woodpulp. (In Swedish.) Svensk Papperstidn. 55:385-392. June 15,1952. 302.8 Sv2

75607 MAASS, O. Factors involved in wood pulp production. I. Paper Indus. 34:471-474. July 1952. 302.8 P1923

75608 MCHALE, W. L. The paper industry and the Southland Mill. J. Forestry 50:536-538. July 1952. 99.8 F768
Texas.

75609 MACHELL, E. F. Handling of wood waste chips at Harmac. Pulp & Paper Mag. Canada 53(7):123-125. June 1952. 302.8 P96

75610 MANION, J. P. The pulpwood situation in France. Foreign Trade 11:750-751. June 14,1952. 286.8 C162

75611 MOIR, S. The pulpwood situation in the Pacific Northwest. Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32:56,58,62,64,68. 1951. 302.9 Am35

75612 MYERS, W. J. Europe's wood problems. Pulp & Paper 26(7):41. July 1,1952. 302.8 P11

75613 NORTHEAST PULPWOOD RESEARCH CENTER. The chemical killing of trees to facilitate bark removal. Gorham,N. H.,1951. 14 p. 99.79 N814

75614 NORTHEAST PULPWOOD RESEARCH CENTER. The Sandy Hill peppy peeler. Gorham,N. H.,1951. 12 p. 99.76 N817

75615 OHLSSON, K. E. The alkali solubility of pulps. I. Method. Svensk Papperstidn. 55:347-357. Ref. May 31,1952. 302.8 Sv2

75616 PALMER, A. Screening book groundwood from western softwoods. Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32:256,260. 1951. 302.9 Am35

75617 PANCIROLLI, F. On semi-chemical pulps. (In Italian.) Indus. della Carta 6:53-59. Ref. May 1952. 302.8 In22
English summary.

75618 PETRIE, G. Preliminary refining of hot stock kraft. Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32:154, 156,158. 1951. 302.9 Am35

75619 PROGRESS of the Pulp and Paper Research Institute of Canada. Canad. Pulp & Paper Indus. 5(4):20-21, 23-24,28. Apr.1952. 302.8 W52

75620 PULP AND PAPER. World review number. Pulp & Paper 26(7),200 p. July 1,1952. 302.8 P11

75621 RITCHIE, J. L. United States requirements of wood pulp for papermaking. Paper Mill News 75(30):10, 12-14. July 26,1952. 302.8 P195

75622 RITCHIE, J. L. World pulp trends, supply and demand in delicate balance. Pulp & Paper 26(7):39. July 1,1952. 302.8 P11

75623 SAVAGE, J. V. Sulphite pulps for a specialty mill. Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32:118, 120,123. 1951. 302.9 Am35
Includes discussion.

75624 SCHMIDT, E. Kann man mittels des permanganatsverbrauches die sauerstoffzehrung von sulfitablauge im vorfluter messen? Papier 6:222-225. June 1952. 302.8 P1934

75625 SCHOLANDER, A. Problems connected with sulphite waste liquor evaporation. (In Swedish). Paperi ja Puu. B 34(spec.no.):140-150. Apr.25,1952. 302.8 P1991
English summary.

75626 SCOTT, P. R. What is wrong with paperboard. Paper Indus. 34:526-528. July 1952. 302.8 P1923

75627 SIEBER, R. Die chemisch-technischen untersuchungs-methoden der zellstoff- und papierindustrie. Ed. 2, rev., and enl. Berlin,Springer,1951. 900 p. Ref. 302 Si1

75628 SOMERVILLE, J. L. and PEARSON, A. J. Forming optical handsheets of eucalypt groundwood with stainless steel filter. Paper Trade J. 135(3):45-46. July 18,1952. 302.8 P196

75629 STAMENKOVIC, B. Uber die produktion und den verbrauch des zelluloseholzes und deren produkten bei uns und in der welt. (In Serbo-Croatian.) Sumarski List 76:100-109. Apr.1952. 99.8 Su6
German summary.

75630 STEVENSON, I. T. The place of the paper industry in the United States economy. Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32:72,74-75. 1951. 302.9 Am35

75631 STEVENSON, L. T. U. S. A. past—future. Pulp & Paper 26(7):49-50,52-54,148,150,152,154,156,158, 160. July 1,1952. 302.8 P11

75632 STREYFFERT, T. Förenta staternas massa- och pappers- industri med särskild hänsyn till dess råvaruförsörjning. U. S. pulp and paper industry with special reference to its supply of raw material. Sweden. Skogshögsk. Skr. 7,85 p. 1952. 99.9 St63
English summary.

75633 TOLVI, E. K. Hydrafiner refining. Svensk Papperstidn. 55:316-320. Ref. May 15,1952. 302.8 Sv2

75634 TROBECK, K. B. Some data in the oxidation of black liquor. Paper Trade J. 135:27-31. July 4,1952. 302.8 P196

75635 TURCOTTE, L. P. The pulp situation. Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32:70,72. 1951. 302.9 Am35

75636 TURNER, C. H. Soda pulping of Eucalyptus gigantea. (Abs.) Paper Trade J. 134(25):33-34. June 20, 1952. 302.8 P196

75637 TYDEN, H. Birch as raw material in the manufacture of pulp. (In Swedish.) Norsk Skogindus. 6: 175-179. June 1952. 99.82 N81
English summary.

75638 U. S. DEPT. OF COMMERCE. NATIONAL PRODUCTION AUTHORITY. Pulp, paper and board industry report, annual review. U. S. Natl. Prod. Authority Indus. Rpt. Pulp, Paper & Board 7(2),27 p. June 1952. 157.54 In26

75639 WADDELL, R. D. Ammonia base sulfite production. Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32: 111-112,114,116. 1951. 302.9 Am35
Includes discussion.

75640 WALDO, H. C. Pulpwood price control. Paper Trade J. 135:31-35. July 4,1952. 302.8 P196

75641 WATSON, A. J., and others. Variation in properties of pulp from successive growth rings of Pinus radiata D. Don. (Abs.) Paper Trade J. 134(25):34-35. June 20,1952. 302.8 P196
A. B. Wardrop, W. E. Cohen, and H. E. Dadswell, joint authors.

75642 WORRELL, R. H. Importance of liquid volume and liquor concentration on kraft pulping. Paper Indus. 34:522-524. July 1952. 302.8 P1923

75643 WORRELL, R. H. Importance of liquid volume and liquor concentration on kraft pulping. Paper Mill News 75(26):159-160. June 28,1952. 302.8 P195

75644 WORREI L, R. H. Importance of liquid volume and liquor concentration on kraft pulping. Paper Trade J. 134(26):107-109. June 27,1952. 302.8 P196

Chemical Products and Distillates

75645 BEEBE, C. W., LUVISI, F. P., and HAPPICH, M. L. Tennessee Valley oak bark as a source of tannin. (Abs.) Leather Mfr. 63(6):36-37. June 1952. 303.8 L484

75646 BROWNE, W. R., and PUTNAM, R. C. The structure of chestnut tannin. (Abs.) Leather Mfr. 63(6): 36. June 1952. 303.8 L484

75647 FARMER, R. H. The work of the Forest Products Research Laboratory, with particular reference to its chemical aspects. (Abs.) Chem. & Indus. 26:593. June 28,1952. 382 M31C
Under the Department of Scientific and Industrial Research.

75648 FERRO, L. On the coloring and tanning substances of common smoketree of Venezia Giulia. (In Italian.) (Sum.) Italy. Staz. Sper. per l'Indus. delle Pelli e delle Materie Concianti. B. 28:253. May 1952. 303.8 It1
Cotinus coggyria.

75649 FLINN, E. S., and STANBERRY, G. W. Vegetable tannins. (Abs.) Leather Mfr. 63(6):34. June 1952. 303.8 L484

75650 KRATZL, K. Über die chemische verwertung des holzes. Allg. Forstztg. 63:131-133. June 1952. 99.8 AL53

75651 MCILROY, R. J. West African plant gums. I. Khaya grandifoliola and Anogeissus schimperi. Chem. Soc. J., May 1952:1918-1919. 382 L84J

75652 MABESA, C. Construction and operation of a charcoal oven. Philippine J. Forestry 6:349-361. Fourth Q.1949,pub.1951. 99.8 P53

75653 SAVARD, J., and ESPIL, L. Fermentation alcoolique des jus d'hydrolyse de quelques bois tropicaux. Cent. Tech. Forest. Trop. P. 3,69 p. 1951. 99.9 N68

75654 STEPHEN, A. M. Acacia mollissima Willd. II. Extractives from the wood. J. Sci. Food & Agr. 3: 37-43. Ref. Jan.1952. 382 So12

Naval Stores

75655 ANDERSON, A. B. Rosin from California pine stumps. California 42(6):31. June 1952. 280.8 C12

75656 DAVID, R. L'influence du gemmage sur la répartition de l'oléorésine dans le bois du Pin maritime. Acad. des Sci. Compt. Rend. 234:2635-2637. June 30, 1952. 505 P21

75657 FENLEY, J. M. Production of naval stores in Les Landes, France. J. Forestry 50:526-528. July 1952. 99.8 F768

75658 GOLDBLATT, L. A., and BURGDAHL, A. C. Turpentine from Ponderosa pine. Indus. & Engin. Chem. 44:1634-1636. July 1952. 381 J825

75659 HOLDMAN, E. E. Naval stores industry and world events. Nav. Stores Rev. 62(12):15,26-27,30. June 21,1952. 99.81 N22

75660 PEYOSKI, B. Développement du gemmage dans la période du Plan quinqennal (1947-1951) de Yougoslavie. (In Serbo-Croatian.) Sumarski List 76:25-35. Jan./Mar. 1952. 99.8 Su6
French summary.

75661 PEYOSKI, B. Les études réfractometriques des baumes du pin. (In Serbo-Croatian.) Skoplje. U. Zemjodelsko-Shumarski Fakul. God. Zbornik 1948/49 (2,Shumarstvo):115-131. Ref. 1951. 21.5 Sk5
French summary.

75662 POSEY, H. G. Auburn announces results of 1951-52 gum demonstration. AT-FA Journal 14(9):10-11. June 1952. 309.8 Am3

75663 RADIMIR, D. Les possibilités du gemmage activé à l'acide. (In Serbo-Croatian.) Sumarski List 76: 42-50. Ref. Jan./Mar.1952. 99.8 Su6
French summary.

75664 STRANGE, J. D. Chemical stimulation for higher production. Nav. Stores Rev. 62(12):12-13. June 21, 1952. 99.81 N22

75665 VYSOTSKII, I. V. Resin productivity of the pine plantations in Karelo-Finnish SSR. (In Russian.) Lesn. Khoz. 4(10):45-50. Oct.1951. 99.8 L5622

75666 WOODWARD, W. B. S. The Naval Stores Market News Service. Nav. Stores Rev. 62(12):16,30. June 21,1952. 99.81 N22

Other Forest Products

75667 ANDERSON, A. B., and RUNCKEL, W. J. Utilization of Douglas fir bark in hard-board. Portland, Oreg. Lumber Co. Res. Lab.,1951? 17 p. 99.77 An2

75668 DU PONT DE NEMOURS (E. I.) and CO., WILMINGTON, DEL. The story of cellulose. Wilmington, 1951. 43 p. 309 D92S

75669 FARBER, E. Vegetable aliment from wood. J. Forestry 50:446-449. Ref. June 1952. 99.8 F768

75670 GAULTIER, J. F. Historique du sucre d'érable. Abeille et l'Erable (ser.2)21:69-71. (Cont.) May 1952. 424.8 Ab32

75671 HALLERSTEDT, B. Loading of woodshavings. (In Swedish.) Skogen [Stockholm] 39:64*. June 15,1952. 99.8 Sk51

75672 HARDBOARD from slabwood. Chem. Engin. 59(7):258-261. July 1952. 381 EL2
A flow sheet.

75673 HEIKINHEIMO, O. Observations of the wood waste industry in the U.S.A. (In Finnish). Paperi ja Puu. B 34(spec.no.):168-182,184-189. Apr.25,1952. 302.8 P1991
English summary.

75674 KOLLMANN, F. Erzeugung und eigenschaften von holzspanplatten. Paperi ja Puu. B 34:202-204. 1952. 302.8 P1991

75675 KOLLMANN, F. Herstellung halbschwerer holzspanplatten im trockenverfahren. Holz als Roh u. Werkst. 10:121-134. Apr.1952. 99.81 H74

75676 MCGILLIVRAY, A. Bark burning in Virginia. Pulp & Paper 26(8):22,24,26. July 1952. 302.8 P11
Steam generating unit.

75677 MCWILLIAMS, J. S. Louisiana's baseball bat industry. Forests & People 2(2):22-23,40. Apr.1952. 99.8 F7628
Chiefly from Carya aquatica.

75678 MEDIR JOFRA, R. The cork industry. Inform. Com. Espan. (ser.3)222:190-192. Feb.1952. 286.8 In3

75679 RICHTER, H. Die grosswasserkraftwerke in Österreich und ihre auswirkungen auf die forstwirtschaft (wildbachverbauung). Forstwiss. Centbl. 71:88-97. Mar./Apr.1952. 99.8 F775

75680 ROACH, D. J. A scientific approach to wood. 4. Re-constituted wood. Timber News 60:233-235. (Cont.) May 1952. 99.81 T482

75681 RUBENS, E. La fabricación de materiales de construcción a partir de desperdicios de maderas chilenas. Scientia 18:201-205. Ref. Dec.1951. 475 Sci25

75682 VENET, J. Les instruments de musique et le bois. I-II. Rev. du Bois 7(6):5-9. June 1952. 99.82 R32

75683 VINCENT, R. Non-paper cellulose, rayon, acetate, cellophane, plastics, etc. Pulp & Paper 26(7): 142-143,145-146. July 1,1952. 302.8 P11

75684 WALTON, C. L. The manufacture of insulation board. Amer. Pulp & Paper Mill Supt. Assoc. Ybk. 32: 175-176,178. 1951. 302.9 Am35
Includes discussion.

WOOD TECHNOLOGY

75685 ANT-WUORINEN, O. The reactivity of the carboxyl groups of cellulose. Paperi ja Puu. B 34:195-201. 1952. 302.8 P1991

75686 ANTOINE, R. La technologie des bois. Rev. de l'Agr. 5:595-600. June 1952. 13 R322

75687 BERKEL, A., and HUS, S. Untersuchungen über den rohharzgehalt des stammholzes der türkischen kiefernarten (Pinus brutia und Pinus nigra var. pallasiana). (In Turkish.) Istanbul. U. Orman Fakul. Dergisi (ser.A)1(2):68-86. 1951. 99.9 Is72
German summary.

75688 BRONIATOWSKI, A. Quantitative bestimmung des gehaltes von P_2O_5 aus imprägnierten holzfasern. Svensk Papperstidn. 55:313-315. May 15,1952. 302.8 Sv2
English summary.

75689 CHÈNE, M. On the possibilities of lignin utilization. (In Italian.) Italy. Staz. Sper. per l'Indus. delle Pelli e delle Materie Concianti. B. 28:221-224. Apr.1952. 303.8 It1

75690 COZZO, D. La madera del aguaribay, molle o pimentero. Chacra 22(260):22-23. July 1952. 9 C34
Schinus molle.

75691 DE STEVENS, G., and NORD, F. F. Investigations on lignin and lignification. X. The isolation and characterization of the native lignin from kiri wood. Amer. Chem. Soc. J. 74:3447-3448. July 5,1952. 381 Am33J

75692 FOSTER, D. H. Reactivity of wood cellulose treatment with dilute sulphuric acid at elevated temperatures. (Abs.) Paper Trade J. 134(25):32-33. June 20, 1952. 302.8 P196

75693 GILBERT, N., HOBBS, I. A., and LEVINE, J. D. Hydrolysis of wood using dilute sulfuric acid. Indus. & Engin. Chem. 44:1712-1720. Ref. July 1952. 381 J825

75694 GRAN, G. Determination of alkoxyl groups. II. The determination of alkoxyl groups in the presence of sulfur-containing substances. Svensk Paperstidn. 55:287-290. Apr.30,1952. 302.8 Sv2

75695 HOYLE, R. J. Eastern spruce and its uses. Timber Canada 12(11):21-22. July 1952. 99.81 T487

75696 KING, F. E., KING, T. J., and WARWICK, A. J. The chemistry of extractives from hardwoods. VII. Constituents of muninga, the heartwood of Pterocarpus angolensis. B: 2 : 4-dihydroxyphenyl 1-p-methoxyphenyl-ethyl ketone (angolensin). Chem. Soc. J., May 1952:1920-1924. 382 L84J

75697 KISSER, J. Forstwirtschaft und holzforschung. Allg. Forstztg. 63:122-124. June 1952. 99.8 AL53

75698 KOBAYASHI, Y. Identification of the Japanese alder woods. I. The properties of wood rays. (In Japanese.) Rin-Go-Shiken-Hokoku 52:181-193. Ref. May 1952. 99.8 R47
English summary.

75699 NEUSSER, H. Einiges über die vergütungsmethoden der holztechnologie. Allg. Forstztg. 63:127-130. June 1952. 99.8 AL53

75700 PATEL, G. M. Optical investigations on oxycelluloses. Freiburg,Alber,1951. 40 p. 387.1 P272

75701 ROACH, D. J. A scientific approach to wood. 1. The chemistry of wood. Timber News 59:383-384,438-439. Sept.-Oct.1951. 99.81 T482

75702 ROACH, D. J. A scientific approach to wood. 3. Physical and chemical aspects of wood structure in relation to use. Timber News 60:27-29,81-83,134-136, 178-179. Jan.-Apr.1952. 99.81 T482

75703 ROACH, D. J. A scientific approach to wood. 5. Utilization of wood waste. Timber News 60:280-282. (Cont.) June 1952. 99.81 T482

75704 SANDERMANN, W. Die methodik radioaktiver spuren in der holzforschung und holztechnik. Holz als Roh- u. Werkst. 10:81-87. Ref. Mar.1952. 99.81 H74

75705 SCHRAMEK, W. Uber die quellung und den auflösungsmechanismus von xanthogenierten natroncellulosefasern. VII. Holzforschung 5:97-106. Ref. 1951. 99.8 H74
English summary.

75706 SIIMES, F. E. Woodtechnical research at the State Institute for Technical Research. (In Finnish.) Paperi ja Puu B 34:83-86. Ref. Apr.15,1952. 302.8 P1991

75707 STRIKER, R. Lignin als rohstoff. (In Serbo-Croatian.) Sumarski List 76:51-57. Ref. Jan./Mar.1952. 99.8 Su6
German summary.

75708 TCHITOLA. Bois et Forêts des Trop. 23:175-178. May/June 1952. 99.8 B632
Oxystigma oxyphyllum.

75709 WRIGHT, W. Post-war timbers for vehicle bodies. Timber News 60:226-228. May 1952. 99.81 T482

Properties and Structure

75710 ARMSTRONG, F. H. Timber as a flooring material, its relative resistance to wear. 3. Timber News 59:288-289. July 1951. 99.81 T482

75711 BECHTEL, S. C., and NORRIS, C. B. Strength of wood beams of rectangular cross section as affected by span-depth ratio. U. S. Forest Serv. Forest Prod. Lab. Rpt. R1910,19 p. Mar.1952. 1.9 F761R

75712 BROWN, H. P., PANSHIN, A. J., and FORSAITH, C. C. Textbook of wood technology, v. II. The physical, mechanical, and chemical properties of the commercial woods of the United States. New York, McGraw-Hill,1952. 783 p. Ref. 99.79 B81T

75713 CARTER, C. R. On the comparative strength of New Zealand and Australian woods. New Zeal. J. Forestry 6:258-260. 1951. 99.8 C162

75714 GIESE, H., and HAMLIN, C. E. Effect of length and width on strength of glued joints. Agr. Engin. 33:411-414,416. July 1952. 58.8 Ag83

75715 JANE, F. W. The structure of timbers of the world. 3-11. Timber News 59:328-330,386-388,484-487, 536-538; 60:24-27,78-80,131-133,183-185,277-280. Aug.-Sept.,Nov.-Dec.1951;Jan.-Apr.,June 1952. 99.81 T482

75716 KANO, T., and KABURAGI, Z. Forest-biological studies on the wood quality. 3-4. (In Japanese.) Rin-Go-Shiken-Hokoku 52:23-78. Ref. May 1952. 99.8 R47
3, On the variation to the width of annual rings, summerwood percents, and the bulk density of green Todo-fir grown at Nopporo district in Hokkaidô, by T. Kano; 4, On the moisture content, the bulk-density in green lumber and the shrinkage of the compression wood of Todo-fir, by Z. Kaburagi.
English summary

75717 MA, T. Tests on mechanical and physical properties of important timbers in Taiwan. 1. (In Chinese.) Taiwan. Forest Res. Inst. B. 1,10 p. May 1951. 99.9 F7652

75718 MOHAUPT, A. A., and FREAS, A. D. Effect of different catalysts and amounts of styrene monomer on strength and durability of glass-cloth plastic laminates. U. S. Forest Serv. Forest Prod. Lab. Rpt. 1825,10 p. Mar.1952. 1.9 F761R

75719 NAJERA Y ANGULO, F. Study of the structure, physico-mechanical characteristics, and application of the wood of Pinus canariensis Sm. (In Italian.) Monti e Boschi 3:120-130. Mar.1952. 16 M76
English summary.

75720 PENSKOI, I. K. Variation of anatomical characteristics and technical qualities of bamboo wood. (In Russian.) Lesn. Khoz. 4(9):38-45. Sept.1951. 99.8 L5622

75721 SCHWANKL. Weiches und hartes holz. Norddeut. Holzwirt. 6(19):10. May 8,1952. 99.82 N75

75722 SUSMEL, L. Specific weight of wood of Eucalyptus rostrata of the Pontine Area. (In Italian.) Monti e Boschi 3:75-78. Feb.1952. 16 M76
English summary.

75723 TERRELL, B. Z. Distribution of tension wood and its relation to longitudinal shrinkage in aspen [Populus]. U. S. Forest Serv. Forest Prod. Lab. Rpt. R1917,6 p. Feb.1952. 1.9 F761R

ANIMAL INDUSTRY

References on processing, distribution, economic aspects and statistics of livestock and livestock products are classified with Agricultural Products; references on housing of livestock with Agricultural Engineering.

BREEDS AND BREEDING

75724 ARZUMANIAN, E. A. Culling and selection in improving the species of farm animals. (In Russian.) Sotsialist. Zhivotnovod. 13(12):61-65. Dec.1951. 49 So71

75725 COOPER, M. M. New ideas on animal breeding. Austral. Dairy Rev. 20(6):10,23. June 2,1952. 44.8 Au73

75726 FORREST, A. J. Scientist breeds giants. Good Husb. 2(8):9. Apr.1952. 24 G59
Chromosome multiplication in livestock breeding.

75727 GALLI, A. Zootechnic intervention in the natural law of reproduction. (In Italian.) Prog. Vet. 7:383, 385-386,388. June 1,1952. 41.8 P942

75728 ITO, S., and others. Kachiku jinko jusei no gijutsu [Technique of artificial fertilization for domestic animals]. Tokyo,Sangyo Tosho Kabushiki Gaisha,1951. 305 p. Ref. 40 It6
S. Shoda, M. Nishikawa, Z. Yoshioka, and T. Niwa, joint authors.
Includes English index.

75729 KAEMMERER, K., and NEUMANN, H. G. Methodisches zur messung der farbstoffreduktion durch spermien. Z. f. Tierzücht. u. Züchtbiol. 60:79-87. Mar. 1952. Ref. 442.8 Z35

75730 KOZENKO, T. M., and SMIRNOV, I. V. On inducing estrus in cows, sheep and swine by means of provocative insemination. (In Russian.) Sovet. Zootekh. 7(2):80-87. Feb.1952. 49 So822

75731 LAUPRECHT, E. Internationale studienkonferenz zur erbwertprüfung von vatertieren an ihren nachkommen in Utrecht 1951. Z. f. Tierzücht. u. Züchtbiol. 60:62-72. Mar.1952. 442.8 Z35

75732 MAULE, J. P. The improvement of livestock in India and Pakistan. I. India. Brit. Agr. B. 5:107-111. July 1952. 10 B776
Breeding.

75733 RAO, C. K. Mercurochrome as semen stain. Indian Vet. J. 28:423-424. May 1952. 41.8 In2

75734 RIED, L. A. Ventajas y limitaciones de la inseminación artificial. Pampa Argentina 25(293):32. May 1952. 9 P19

75735 RITCHIE, G. R. Recent trends in animal breeding research in the U.S.S.R. Commonwealth Bur. Anim. Breeding & Genet. Anim. Breeding Abs. 20:109-119. Ref. June 1952. 241 Im72Ra

75736 SCHMIDHAMMER, G. Fragen aus dem kärntner tierzuchtförderungsgesetz. Kärntner Bauer 102:324-325. May 24,1952. 19 K14

75737 WOINOFF, O. Das linienausgleichs-verfahren und seine anwendung in der tierzucht. Z. f. Tierzücht. u. Züchtbiol. 60:107-110. Mar.1952. 442.8 Z35

FEEDS AND FEEDING

75738 ARNOLD, F. The trend in grass silage making in Iowa. (Sum.) Forage Notes 7:29-30. May 1952. 60.8 F74

75739 AXELSSON, J. Current silage problems. (In Swedish). Ladugården 5:140-143. May 1952. 44.8 L12

75740 BETHKE, R. M. Comparative value of solvent and expeller oil meals. Grain & Feed J. Consolidated 108(11):35-36. June 11,1952. 298.8 G762

75741 BOATMAN, W. J. B. Stacked grass silage. (Sum.) Forage Notes 7:33-34. May 1952. 60.8 F74

75742 BOEGER. Brauchen wir in der landwirtschaft beifuttermittel? Landwirt. Z. der Nord-Rheinprov. 119: 623-624. June 14,1952. 18 L2344

75743 BOSTICCO, A. Secondary grape products in the feeding of livestock. II. (In Italian.) Colt. e Glor. Vinic. Ital. (n.s.)98:188-191. May 1952. 16 C72

75744 BRIQUET JUNIOR, R. The fattening of animals (In Portuguese.) Rev. de Agr. [Piracicaba] 27:136-137. Mar./Apr.1952. 9.2 R324
Use of thiouracil.

75745 BRÜGGEMANN, H. Tierernährungslehre im dienst der fütterungspraxis. Landwirt. Wchnbl. f. Westfalen u. Lippe 109 A:907-908. June 12,1952. 18 L2346

75746 BRUGGEMANN, J., and TIEWS, J. Uber den einfluss des "schubwende-trocknungsverfahrens" auf den carotingehalt einiger wirtschaftseigener futtermittel. Arch. f. Tierernähr. 2:191-198. Sept./Dec.1951. 389.78 Ar22

75747 CARPENTER, K. J., and others. The nutritional evaluation of protein concentrates obtained from the alkali digestion of herrings. J. Sci. Food & Agr. 3: 278-288. Ref. June 1952. 382 So12
J. Duckworth, G. M. Ellinger, and D. H. Shrimpton, joint authors.

75748 CASTLE, M. E., FOOT, A. S., and ROWLAND, S. J. American hybrid maize for silage in the south of England. II. J. Agr. Sci. 42:175-179. Ref. Jan./Apr.1952. 10 J822

75749 CHIEFFI, A. Cotton bran in animal nutrition. (In Portuguese.) Rev. Agron. [Porto Alegre] 16 (181/183):55-56. Jan./Mar.1952. 9.2 R325

75750 COGAN, C. Feeding of sugar beet tops silage. Beet Grower 6:62-64. Apr.1952. 66.8 B392

75751 COSTA, J. W. DA. What does the future hold for antibiotics in feeds?. (In Portuguese.) Chacaras e Quintais 85:733-734. June 15,1952. 9.2 C34

75752 CURASSON, M. G. Quelques sous-produits alimentaires peu connus ou peu utilisés. Rev. d'Elevage et de Méd. Vét. des Pays Trop. 5:70-72. Apr./June 1951/1952. 41.8 R3262
Oilcakes and fruit wastes as feed.

75753 DERIVAUX, J. Le cobalt. Ann. de Méd. Vét. 96:159-172. Ref. Mar.1952. 41.8 An78

75754 DEXTER, S. T. A standardized pressure test for moisture in grass-silage making. Mich. Agr. Expt. Sta. Q. B. 34:395-398. May 1952. 100 M58

75755 DIJKSTRA, N. D. Results of tests of samples of silage made with pre-dried hay. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:142-146. Apr.1952. 12 N383M

75756 DUCKWORTH, J. Application of biochemistry in problems of increased live-stock production. (Abs.) Chem. & Indus. 26:593. June 28,1952. 382 M31C
Feeding.

75757 ELLIOTT, J., and WALDRON, A. Antibiotics made simple by answers of leading feed supplement manufacturers. Prog. Farmer, Miss.-Ark.-La. Ed. 67(7): 88,103. July 1952. 6 So81

75758 FETHERS, G. La vitamina en la salud animal. Agr. Austral 20:92-94. Mar.1952. 9.3 Ag842

75759 FOX, K. Unchopped grass silage. (Sum.) Forage Notes 7:35. May 1952. 60.8 F74

75760 FRANCE. DEPT. DE L'EURE ET LOIR. DIRECTION DES SERV. AGRICOLES. Techniques modernes de l'ensilage des fourrages verts. Vulg. des Tech. Agr. 3,20 p. Jan.1951. 14 F8423
Reports of papers by Parguey, Martin, Thomas, Der Katchadourian, Brétignière, Fouquet, C. Benoist, Zelter, and Delage.

75761 GALLETTI, A. C. A lucky ensiling. (In Italian.) Agr. Tosc. 7:199-200. June 1952. 16 Ag827

75762 GASTLER, G., and OLSON, O. E. Minerals in South Dakota feeds. S. Dak. Farm & Home Res. [S. Dak. Sta.] 3:59-61,67. Spring 1952. 100 So82S

75763 GERASIMOV, F. P. Preparation of straw for feeding. (In Russian.) Sotsialist. Zhivotnovod. 13(12):85. Dec.1951. 49 So71

75764 GOETZ, K. Sollen wir rauhfutter häckseln? II. Tech. f. Bauern u. Gärt. Ausg. A 4:177-178. Apr.25,1952. 58.8 T223

75765 GUPTA, Y. C. Grass silage. Indian Vet. J. 28: 434-438. May 1952. 41.8 In2

75766 GUPTA, Y. C. The role of molasses in silage making. Indian Farming (n.s.)2(2):14-15,26. May 1952. 22 In283

75767 HENSEN, T. Die erfahrungen mit dem sicherungsmittel kohlensäure bei zuckerrübenblättern. Landwirt. Z. der Nord-Rheinprov. 119:562-563. May 31,1952. 18 L2344
Silage preparation.

75768 HILL, F. W. New findings affect antibiotics in feed. Hatchery & Feed 26(7):78-80. July 1952. 47.8 H28

75769 HUBER. Anmerkung der Ackerbauabteilung. Landwirt. Z. der Nord-Rheinprov. 119:563. May 31,1952. 18 L2344
On preparation of silage from sugar beet tops with carbonic acid.

75770 KALMANSON, S. IA. On preparation and utilization of self-heated straw [for feed]. (In Russian.) Kormovaia Baza 3(1):44-46. Jan.1952. 60.8 K84

75771 KANSAS. AGRICULTURAL EXPERIMENT STATION. 39th annual livestock feeders' day. Kans. Agr. Expt. Sta. C. 283,60 p. May 3,1952. 100 K13S
Animal husbandry investigations, 1951-52 progress reports.

75772 KAPPELLE, D. Dry matter content in silage and loss of juice. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:146-149. Apr.1952. 12 N383M

75773 KRAVCHENKO, I. E. Continuous green feed on the state farms of Ukraine. (In Russian.) Kormovaia Baza 3(3):11-16. Mar.1952. 60.8 K84

75774 KRISTJANSSON, G. Hay production notes. II. (In Icelandic.) Freyr 47:201-203. June 1952. 11F89
Drying.

75775 KUHLE, F. Heu, die grundlage des winterfutters. Unser Milchvieh 4(6):2. June 1952. 43.8 Un7

75776 KUZNETSOV, V. M. Nutritive importance of Polygonum bistorta. (In Russian.) Kormovaia Baza 2(12): 50-51. Dec.1951. 60.8 K84

75777 LINDSTROM, R. What are antibiotics? Albers Egg Maker 29,i.e.28:5-6,18-19. Spring 1952. 47.8 AL1
Includes use as feed supplement.

75778 LOMA, J. L. DE LA. La paja de cereales como alimento del ganado. Tierra [Mexico] 7:297-299, 333. May 1952. 8 T445

75779 LOOSLI, J. K. Meeting the sulfur requirements of ruminants. Feed Age 2(6):44-45,58. Ref. June 1952. 389.78 F327

75780 LOVERN, J. A., and PRESTON, W. The utilization of surplus herring for the production of oil and of a protein feeding-stuff by the process of alkali digestion. J. Sci. Food & Agr. 3:274-278. June 1952. 382 So12

75781 LUNDQUIST, N. S. Trace elements in livestock nutrition. New Agr. 34:13,36. Mar./May 1952. 66.8 Su32

75782 MCCULLOUGH, M., ELLIOTT, R. F., and BASTIN, G. M. Use of the chromogen (S) technique in the determination of seasonal changes in digestibility of dry matter and protein of pasture herbage. (Abs.) Assoc. South. Agr. Workers. Proc. 49:69. 1952. 4 C82

75783 MADSEN, I. L. Sugar beet by-products offer important nutritional value in livestock feeding. Feed Age 2(7):14-17,44. July 1952. 389.78 F327

75784 MAKAROV, A. P. Proper utilization of pastures by the leading shepherds of Kazakhstan. (In Russian.) Kormovafa Baza 3(3):28-30. Mar.1952. 60.8 K84

75785 MEISNER, A. F. Nutritive importance of frozen green feed. (In Russian.) Kormovafa Baza 2(12): 45-46. Dec.1951. 60.8 K84

75786 MELIUKOV, A. N. Utilization of malt grains in livestock feeding. (In Russian.) Sofsialist. Zhivotnovod. 13(12):57-60. Dec.1951. 49 So71

75787 MILLS, C. F. Nutritional limitations to increased livestock production from hills. (Abs.) Chem. & Indus. 26:592. June 28,1952. 382 M31C

75788 MORRISON, F. B. The evaluation of feeds. Grain & Feed J. Consolidated 109:34-37. July 9,1952. 298.8 G762
Nutritive value.

75789 MUGGLI, J. Der stand der silofutterbereitung. Grüne 80:736-737. July 4,1952. 17 Sch9

75790 NEHRING, K., and SCHRAMM, W. Zusammensetzung und verdaulichkeit einheimischer ölsaatrückstände (raps-, senf-, mohn-, öllein-, tabak- und anderer extraktionsschrote). Arch. f. Tierernähr. 2:81-99. Ref. Sept./Dec.1951. 389.78 Ar22

75791 NEWLANDER, J. A., RIDDELL, W. H., and FITZSIMMONS, R. Making and feeding grass silage in Vermont. Vt. Agr. Expt. Sta. Pam. 26,7 p. May 1952. 100 V59P

75792 OREGON. STATE COLLEGE. FEDERAL COOPERATIVE EXTENSION SERV. Making good silage. Oreg. State Col. Ext. C. 531,rev.,4 p.-folder. June 1952. 275.29 Or32C

75793 PACIFIC MOLASSES CO. The feeding and handling of cane feed molasses. Nulaid News 30(3):15-16. July/Aug.1952. 47.8 N917

75794 PFULB, K. Die gärfutterbereitung. Bad. Landwirt. Wchnbl. 119:377-378. May 31,1952. 18 B142

75795 POIJÄRVI, I. Orientierende versuche über den einfluss der futtergrösse auf die verweildauer der futterbestandteile im magen-darmkanal der wiederkäuer. Suomen Maataloustiet. Seura. Maataloustiet. Aikakausk. 24:35-39. 1952. 20 Su7M

75796 PORTER, W., and others. Panel discussion on grass silage. Ontario Crop Impr. Assoc. Addresses & Proc. 15:85-95. 1952. 64.9 On83
J. R. Weir, J. R. Shuh, G. McLaughlin, F. Cohoe, and L. B. Mehlenbacher, joint authors.

75797 PULSE, R. Interest in silage stacks in Hardin County. (Sum.) Forage Notes 7:32-33. May 1952. 60.8 F74

75798 QUINTANA, M. M. Feed cakes of the principle oil plants cultivated in Rio Grande do Sul. (In Portuguese) Granja [Porto Alegre] 8(59):43-45. Feb.1952. 9.2 G76

75799 ROBINSON, D. H. The year's first harvest. Shall it be hay, dried grass, or silage? An analysis of the three methods. Field 199:980-981. June 21,1952. 10 F45

75800 ROCHA, G. L. DA. Practical standards for silage production. (In Portuguese.) Rev. dos Criadores 23 (3):3-5. Mar.1952. 43.8 R32

75801 RONNING, M. Recent developments in vitamin A nutrition. Grain & Feed J. Consolidated 108(11):37. June 11,1952. 298.8 G762

75802 ROSENSTAND, T. Experiments on topping twice in 1951. (In Danish.) Dansk Landbr. 71:316-318. July 3,1952. 280.28 V91
Effects on nutritive value of sugar beets.

75803 SEGUIN, A. Concernant l'alimentation des animaux. Ferme 13(6):10-14. Feb.1952. 7 F38

75804 SEMB, G. Uneven grazing of pastures. Norsk Landbr. 18:222-223. June 20,1952. 11 N8122

75805 SHEPARD, H. H. $40 million for antibiotics. Amer. Miller & Processor 79(12):50-51. Dec.1951. 298.8 Am32
In feed formulas.

75806 SOBACHENKOV, P. A. To carry out early silage preparation in an organized manner. (In Russian.) Kormovafa Baza 3(3):49-51. Mar.1952. 60.8 K84

75807 STODDARD, G. Grass silage in ruminant feeding. (Sum.) Forage Notes 7:30-32. May 1952. 60.8 F74

75808 TRIMBERGER, G. W., and BEIERMEISTER, J. M. Brewers' grains as a preservative for early-cut hay-crop silage. Holstein-Friesian World 49:1434-1436. July 1952. 43.8 H742

75809 TSYNKOV, M. IU. Experiment in feed utilization on leading collective farms. (In Russian.) Kormovafa Baza 2(12):36-40. Dec.1951. 60.8 K84

75810 UBALDI, L. Theory and practice in animal feeding. (In Italian.) Allevatore 8(24):5. June 15,1952. 49 A155
Italy.

75811 UDALL, R. H. A summary of the value of vitamin B_{12} and antibiotics in animal nutrition. Sowest. Vet. 5:367-369. Summer 1952. 41.8 So82

75812 U. S. BUR. OF ANIMAL INDUSTRY. Bibliography on utilization of urea, ammonia and related nonprotein nitrogen compounds in animal feeding. U. S. Bur. Anim. Indus. A. H. D. 143,16 p. May 1952. 1.9 An52Ah

75813 WAUGH, G. L. Grass silage; choose preservative well in advance. Merrimack's Messenger 14(6):1-2. June 1952. 6 M55

75814 WYATT, J. A. Silage is the cheapest form of protein. Kent Farmer 1:89,91,93. Apr.1952. 10 K412

75815 ZINK, A. Folsäure, ihre antagonisten, B_{12} und Animal Protein Factor und ihre bedeutung für den tierischen und menschlichen organismus. Internatl. Z. f. Vitaminforsch. 23:471-483. 1952. 389.8 Z33
English summary.

75816 ZOTTNER. L'alimentation du betail: la luzerne et sa farine. Elevage et Cult. 4(41):10. May 1952. 24 EL2

75817 ZUBRILIN, A. A. Methods for increasing the nutritive value of feeds and preparing them for feeding. (In Russian.) Sovet. Zootekh. 7(2):21-37. Feb.1952. 49 So822

VETERINARY MEDICINE

75818 ALDEBERT, J. C. Maladies infectieuses du nouveau-né. Chambre d'Agr. de Casablanca. B. 23(250): 17-19. Feb.1952. 24 C26

75819 ALLISON, J. E. Honor code of ethics, is it working? Sowest. Vet. 5:441-442. Summer 1952. 41.8 So82

75820 ANDERSON, L. G., TUCKETT, P. C., and KENWORTHY, R. The use of xylotox as a local anaesthetic in veterinary practice. Vet. Rec. 64:415-416. July 12,1952. 41.8 V641

75821 ARMISTEAD, W. W., and LUMB, W. V. Management of distal epiphyseal fractures of the femur. No. Amer. Vet. 33:481-483. July 1952. 41.8 N812

75822 ATAKAN, T., and TULGA, T. A brief history and review of the Army Veterinary Service in Turkey. Roy. Army Vet. Corps. J. 23:50-55. June 1952. 41.8 G79

75823 BAIER, W. Uber die grenzen der domestikation in tierärztlicher sicht. Z. f. Tierzücht. u. Züchtbiol. 59:471-479. Dec.1951. 442.8 Z35
English summary.
Effect of breeding on health and resistance to disease.

75824 BALDONIER, A. L'échinococcose en Uruguay. Afrique Franç. Chir. 4:374. Oct./Dec.1951. 448.8 Af8
Includes livestock.

75825 BARDOULAT, M. Les indications de pyrogénium en homéopathie vétérinaire. Rev. de Méd. Vét. [Toulouse] 102:632-640. Nov.1951. 41.8 R32

75826 BARKE, A. Tierärztliche betrachtungen über rezeptpflichtige arzneimittel. Tierärztl. Umschau 7:234-236. July 1952. 41.8 T445

75827 BARON, D. Menace of live stock plagues. Farmer's Mag. 49(6):12-13,50-51. June 1952. 7 C165
Disease control in Canada and work at the Animal Diseases Research Laboratory, Hull, Quebec.

75828 BEIJERS, J. A. Veterinary pharmacy. (In Dutch.) Tijdschr. v. Diergeneesk. 77:430-436. June 1, 1952. 41.8 T431

75829 BELTRÁN MONFERRER, J. M. Zoonosis transmisibles a la especie humana: la triquinosis. I. Cam. Ofic. Sind. Agr. de Barcelona. B. 7:26-28. Feb. 1952. 15 C14

75830 BLATTNER, R. J. Rabies. J. Ped. 40:807-808. June 1952. 448.8 J8291

75831 BOMBAY. DEPT. OF ANIMAL HUSBANDRY AND VETERINARY SCIENCE. Annual administration report for the year 1950-1951. Bombay,1952. 105 p. 41.9 B634

75832 BOURNE, R. F. The physiology of disease. XVII. Avitaminosis A. No. Amer. Vet. 33:463-466. July 1952. 41.8 N812

75833 BOWNESS, J. M., and others. Distribution of copper and zinc in mammalian eyes. Occurrence of metals in melanin fractions from eye tissues. Biochem. J. 51:521-530. Ref. July 1952. 382 B52
R. A. Morton, M. H. Shakir, and A. L. Stubbs, joint authors.

75834 BRATT, H. M. JR., and BURCH, G. R. A clinical report on repositol hormone preparations. No. Amer. Vet. 33:541-546. Aug.1952. 41.8 N812

75835 BRION, A. Une année pluvieuse est toujours dangereuse. Rev. de l'Elevage 7:234. Apr.1952. 49 B462
Parasites of livestock.

75836 BRIQUET JUNIOR, R. Pills for livestock fattening. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:132-133. Mar./Apr.1952. 9.2 R324
Stilbestrol.

75837 BROOME, A. E. Soft tissue radiology in small animals. Sowest. Vet. 5:363-365. Summer 1952. 41.8 So82

75838 BRUTSMAN, F. E. Business principles of veterinary practice. Vet. Med. 47:293-295. July 1952. 41.8 M69

75839 BURDIN, M. L., and PLOWRIGHT, W. Investigations into delayed toxicity due to dimidium bromide. III-IV. J. Compar. Path. & Ther. 62:178-195. Ref. July 1952. 41.8 J82
III, Some experimental observations in ruminants; IV, Effect of high dosage levels of dimidium bromide in cattle.

75840 CALIFORNIA. LEGISLATURE. SENATE. INTERIM COMMITTEE ON LIVESTOCK DISEASES. Report on foot-and-mouth disease. [Third] partial report. Sacramento? 1951. 200 p. 41 C123

75841 CANTER, D. Guia de trabajos prácticos de técnica quirúrgica. 2. Tenotomías y desmotomias. Rev. de Med. Vet. [Buenos Aires] 33:168-178. July/Sept.1951. 41.8 B86

75842 CARMICHAEL, J., OGILVIE, D. D., and WOOLDRIDGE, G. H. The sulphonamides, antibiotics and the bottle of medicine. Vet. Rec. 64:409-415. Ref. July 12, 1952. 41.8 V641
In veterinary medicine.

75843 CECCALDI, J. Nouvelle contribution a l'étude de la rage en Afrique Equatoriale Francaise. Inst. Pasteur Ann. 82:646-648. May 1952. 448.3 An75

75844 CORRÊA, O., and TONDO, C. V. Pasteurella multocida, ultraviolet inactivated, as immunizing agent. (In Portuguese.) Rev. Agron. [Porto Alegre] 16(181/183): 24-28. Jan./Mar.1952. 9.2 R325
English summary.

75845 COSSETTE, M. Heures avec le vétérinaire. B. des Agr. 34,i.e.48:10-11,60-61. June 1952. 7 B872

75846 COUSI. L'échinococcose en Tunisie. Afrique Franç. Chir. 4:379-386. Oct./Dec.1951. 448.8 Af8
Includes livestock.

75847 CRONIN, M. T. I. Accurate and rapid haemoglobinometry. Vet. Rec. 64:355-356. Ref. June 14,1952. 41.8 V641

75848 CURASSON, G. Les agents du "groupe de la peripneumonie" chez l'homme et les animaux. Encyc. Vét. Period. 9/10:297-306. Ref. Apr./May 1952. 41.8 En1
Chiefly Asterococcus and Streptobacillus moniliformis.

75849 DALLING, SIR. T. Comparison of [livestock] disease control methods in different countries. Canad. J. Compar. Med. 16:205-206. May 1952. 41.8 C162

75850 DELAHANTY, D. D. An overlooked factor in veterinary radiography. Amer. Vet. Med. Assoc. J. 121 (904):33-34. July 1952. 41.8 Am3

75851 DOAK, B. W. Some chemical changes in the nitrogenous constituents of urine when voided on pasture. J. Agr. Sci. 42:162-171. Ref. Jan./Apr.1952. 10 J822

75852 D'SILVA, C. B., and others. Studies on rabies. V-VI. Indian J. Med. Res. 39:423-431,433-444. Ref. July 1951. 448.8 In22
A. G. Brooks, A. K. Thomas, and M. L. Ahuja, joint authors.

75853 DUNGAL. Disparition de la maladie hydatique en Islande. Afrique Franc. Chir. 4:392-397. Oct./Dec. 1951. 448.8 Af8
Livestock.

75854 FREI, W. Die morphologischen auswirkungen der infektionserreger im tierkörper; (Grundlinien einer allgemienen pathologischen anatomie der infektionskrankheiten). Schweiz. Arch. f. Tierheilk. 94:272-279. May 1952. 41.8 Sch9
English summary.

75855 GALLINA, L. Dystocia and empiricism. V. (In Italian.) Prog. Vet. 7:287-288. Apr.15,1952. 41.8 P942

75856 GALLOWAY, I. A. Foot-and-mouth disease. Brit. Agr. B. 5:67-74. July 1952. 10 B776

75857 GALLOWAY, I. A. Research on foot-and-mouth disease. Austral. Dairy Rev. 20(5):14-15. May 1, 1952. 44.8 Au73

75858 GENEST, P. Prémunition antibrucellique à l'aide de souches vivantes et atténuées. Canad. J. Compar. Med. 16:185-194. Ref. May 1952. 41.8 C162

75859 GEYER, H. G. Ohio's approach to anthrax reduction. Grain & Feed J. Consolidated 103(12):21-22. June 25,1952. 298.8 G762

75860 GHISLENI, P. On the responsibility of the veterinarian who guarantees the success of his own professional service. (In Italian.) Prog. Vet. 7:272,274-275. Apr.15,1952. 41.8 P942

75861 GIESE, G. Uber todesursachenstatistik—ein beitrag aus der versicherungswirtschaft. Monatsh. f. Vetmed. 7:194-196. May 15,1952. 41.8 M742

75862 GODGLUCK, G. Vergleichende untersuchungen über die anwendung von meerschweinchen-trockenkomplement (behringwerke) und frischem meerschweinchenkomplement bei der komplementbindungsreaktion; ein beitrag zur frage der vereinheitlichung serologischer untersuchungsmethoden. Berlin. u. Münch. Tierärztl. Wchnschr. 65:111-114. Ref. June 1952. 41.8 B45

75863 HAMORSZKY, K. R. Home cures, a tedious aspect of practice. Sowest. Vet. 5:427-428. Summer 1952. 41.8 So82

75864 HAMORSZKY, K. R. Jeep for large animal practice. Sowest. Vet. 5:370-372. Summer 1952. 41.8 So82

75865 HART, G. H. Livestock interests asked to support the proposed rabies law. Calif. Livestock News 27 (28):4. July 8,1952. 45.8 C12

75866 HARTMANN, M. Geschlecht und geschlechtsbestimmung im tier- und pflanzenreich. Ed. 2, rev. Berlin,De Gruyter,1951. 116 p. (Sammlung Göschen 1127) 442 H253

75867 HEATH, M. K. Practitioner in disease control. Sowest. Vet. 5:431-432. Summer 1952. 41.8 So82
Public health aspects.

75868 HENDERSON, W. M. Significance of tests for non-infectivity of foot-and-mouth disease vaccines. J. Hyg. 50:195-208. June 1952. 449.8 J82

75869 HESS, E. Aufgaben und ziele der modernen tierseuchenbekämpfung. Schweiz. Arch. f. Tierheilk. 94: 265-271. May 1952. 41.8 Sch9
English summary.

75870 HINES, M. P., and AMUNDSON, R. The menace of rabies. Wildlife N. C. 16(7):4-7,18. July 1952. 279.8 N812
Symptoms and control in various animals.

75871 HOFFMANN, P. Some experiences and thoughts about foot-and-mouth disease. New Zeal. Farmer 73(6):3-4. May 22,1952. 23 N484

75872 HOHMANN, J. Tierärztlicher ratgeber. Merfeld über Dülmen,Heinrich,1951? 117 p. 41 H68

75873 HOLMAN, H. H. A negative correlation be - tween size and number of the erythrocytes of cows, sheep, goats and horses. J. Path. & Bact. 64:379-384. Apr.1952. 448.8 J82

75874 HUGHES, J. S. Hormones in animal production. Flour & Feed 53(2):30. July 1952. 298.8 F66
Effects.

75875 INNES, J. R. M. Cerebrospinal nematodiasis, a nervous disease caused by immature nematodes (Setaria digitata). No. Amer. Vet. 33:476-478. Ref. July 1952. 41.8 N812

75876 INNES, J. R. M. Heredopathology. No. Amer. Vet. 33:547-548,552. Ref. Aug.1952. 41.8 N812

75877 INTERNATIONAL VETERINARY CONGRESS OF ZOOTECHNICS. 2, MADRID, 1951. Comunicaciones científicas. Madrid,1951. 1 v. (unpaged). 49.9 In84C
Summaries chiefly in Spanish, French, and English.

75878 INTERNATIONAL VETERINARY CONGRESS OF ZOOTECHNICS. 2, MADRID, 1951. Ponencias generales. Madrid,1951. 133 p. 49.9 In84P
Chiefly summaries in Spanish, French, English and German.

75879 ITAGAKI, S. Saishin hikkei jui soten [The latest handbook of veterinary science]. Tokyo,Asakura Shoten,1951. 540 p. 41 It15S

75880 JENNINGS, A. R. The peripheral blood picture in some diseases of animals. J. Compar. Path. & Ther. 62:161-177. Ref. July 1952. 41.8 J82

75881 JONES, I. R., HAAG, J. R., and WESWIG, P. H. The relation of sulfur compounds to lactation in ruminants. (Abs.) J. Dairy Sci. 35:503. June 1952. 44.8 J822

75882 KESTER, W. O. The Air Force Veterinary Service today. No. Amer. Vet. 33:536-539. Aug.1952. 41.8 N812

75883 KLUSSENDORF, R. C. Antibiotics: their production and use. Vet. Med. 47:288-292. July 1952. 41.8 M69
Use in veterinary medicine.

75884 KLUSSENDORF, R. C. Lightning stroke. No. Amer. Vet. 33:540. Aug.1952. 41.8 N812

75885 KODIM, F. Honig gegen maul- und klauenseuche! Imkerfreund 7:113. Apr.1952. 424.8 Im43

75886 KRAUSE, D. Die wirkung der veratrum-alkaloide auf das autonome nervensystem. Deut. Tierarztl. Wchnschr. 59:193-199. Ref. July 1,1952. 41.8 D482

75887 KUTTLER, A. K. Progress report on brucellosis eradication. Washington,U. S. Bur. Anim. Indus., 1952. 9 p. 1.972 A2K96
Presented to the National Brucellosis Committee at its annual meeting, Chicago, May 7 and 8, 1952.

75888 LANFRANCHI, A. Controlling foot-and-mouth disease and limiting the spread of it. (In Italian.) Allevatore 8(23):3,5. June 8,1952. 49 AL55

75889 LANFRANCHI, A. Is it possible to prevent the conditioned form and that of complex etiology? (In Italian.) Allevatore 8(20):3. May 18,1952. 49 AL55
Foot-and-mouth disease.

75890 LANFRANCHI, A. Is vaccination against foot-and-mouth disease virus possible and useful at the present time? (In Italian.) Allevatore 8(18):1. May 4,1952. 49 AL55
Italy.

75891 LARSEN, L. H. Bone surgery. Austral. Vet. J. 28:129-138. Ref. May 1952. 41.8 Au72

75892 LAURITA, R. Salmonellosis in slaughter animals. (In Italian.) Prog. Vet. 7:261,263. Apr.15,1952. 41.8 P942

75893 LEFTWICH, W. J. Control of foot-and-mouth disease outbreaks. Sowest. Vet. 5:437-438. Summer 1952. 41.8 So82

75894 LIENERT, E., and MATHOIS, H. Prüfung weiterer, mit der galle ausscheidbarer arzneimittel auf leberegelwirksamkeit. Wien. Tierärztl. Monatsschr. 39: 344-352. Ref. June 1952. 41.8 T345
English summary.

75895 LINON, G. La garantie dans les ventes des femelles gestantes. Rev. de Méd. Vét. [Toulouse] 103:37-42. Jan.1952. 41.8 R32

75896 LINON, G. Répression de l'exercise illégal de la médecine vétérinaire dans les maladies contagieuses. Rev. de Méd. Vét. [Toulouse] 102:641-646. Nov.1951. 41.8 R32

75897 LOPEZ, J. Digestibility trials. (In Portuguese.) Rio Grande do Sul. Dir. da Prod. Anim. B. 8(12): 28-33. Feb.1952. 49.9 R47

75898 LÜHRS. Die bekämpfung der leberegelseuche. Landwirtbl. Weser-Ems 99:579-580. June 12,1952. 18 L2345

75899 LUTJE, F. Uber die salmonellose unserer schlachttiere. Tierärztl. Umschau 7:236-239. July 1952. 41.8 T445

75900 MCQUEEN, D. Arsenical poisoning in live stock. Victoria. Dept. Agr. J. 50:160. Apr.1952. 23 V66J

75901 MADRAS VETERINARY COLLEGE ASSOCIATION. Annual report, 1951-52. Madras Vet. Col. Annu. 10:52-55. 1951/52. 41.9 M26

75902 MANARESI, C. Duties of the veterinarian toward the community and the public. (In Italian.) Prog. Vet. 7:364-365. June 1,1952. 41.8 P942

75903 MARCENAC. La chirurgie vétérinaire actuelle. Nouvelle Rev. Franç. d'Outre-Mer (n.s.)44:116. (Cont.) May 1952. 280.8 B873

75904 MAREK, J., and MÓCSY, J. Lehrbuch der klinischen diagnostik der inneren krankheiten der haustiere. Ed. 4, rev. Jena,Fischer,1951. 630 p. 41 M333
Bee diseases, p. 600-603.

75905 MARZAN, B., and TURNER, V. A contribution to the knowledge of pathology of domestic animal. (In Serbo-Croatian.) Vet. Arh. 21:319-344. Sept.1951. 41.8 V6416
English summary.

75906 MERCK & CO. Streptomycin and dihydrostreptomycin; their practical application in veterinary medicine. Rahway,N. J.,1952. 20 p. 41 M532

75907 MESCHINI, S. On immunizing treatment of livestock. (In Italian.) Prog. Vet. 7:365-366,368. June 1, 1952. 41.8 P942
Italy.

75908 MITCHELL, H. H., and EDMAN, M. The fluorine problem in livestock feeding. Nutr. Abs. & Rev. 21:787-804. Ref. Apr.1952. 389.8 N95
Toxicity.

75909 MORELL, G. La prophylaxie du kyste hydatique en Algérie. Afrique Franç. Chir. 4:398-407. Oct./Dec.1951. 448.8 Af8
Livestock.

75910 MULLER, M. Fragen des tierärztlichen berufes. Monatsh. f. Vetmed. 7:191-194. Ref. May 15, 1952. 41.8 M742

75911 NATIONAL VETERINARY MEDICAL ASSOCIATION OF GT. BRIT. AND IRELAND. Annual congress, Eastbourne, 1951. London, 1951. 53, cxvii p. 41.9 V64

75912 NETHERLANDS. VEEARTSENIJKUNDIGE DIENST. De gezondheidstoestand van de veestapel en de bestrijding van veeziekten in 1950 [Health of the livestock and control of livestock diseases in 1950]. s'Gravenhage,1951. 43 p. 41.9 N383V

75913 NEWMAN, L. F. Some notes on the folk-lore and history of veterinary science. Roy. Army Vet. Corps. J. 23:61-65. (Cont.) Ref. June 1952. 41.8 G79

75914 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. "Hoose" or "husk" in farm stock. North. Ireland. Min. Agr. L. 80,4 p. Apr.1952. 10 N81
Verminous bronchitis.

75915 ORR, A. B. Poisoning in domestic animals and birds; an analysis of 360 consecutive cases. Vet. Rec. 64: 339-343. June 7,1952. 41.8 V641

75916 PALLASKE, G. Zur pathologie der leptospirose der fleischfresser. Monatsh. f. Vetmed. 7:183-187, 205-212. May 15-June 1,1952. 41.8 M742

75917 PALTRINIERI, S. Veterinarians in the countries of the European Economic Cooperation Organization. (In Italian.) Prog. Vet. 7:254-256. Apr.15,1952. 41.8 P942

75918 PETERS, W. Die einbettung kompakter anatomischer präparate in kunststoff. Deut. Tierärztl. Wchnschr. 59:180-183. June 15,1952. 41.8 D482
Livestock.

75919 POHLOUDEK-FABINI, R. Uber den blausäuregehalt in hirsearten. Arch. f. Tierernähr. 2:71-80. Ref. Sept./Dec.1951. 389.78 Ar22

75920 PONS MUZZO, J. Proteinemia de los vacunos, ovinos, porcinos y equinos. (Abs.) Rev. Bras. de Quim. (Cien. & Indus.) 33:230. Apr.1952. 385 R322

75921 PRUD'HOMME, A. Les maladies de l'élevage. Terre Marocaine 26:221-223. June 1952. 24 T44

75922 PUGET, E. Sur les syndromes hémorragiques en chirurgie. Rev. de Méd. Vét. [Toulouse] 103:48-52. Jan.1952. 41.8 R32

75923 REGAZZOLI, J. A. Aftosa? Aprenda a luchar contra ella ahora. Rev. Ganad. [Habana] 12(6):13-16. June 1952. 49 R321

75924 ROGATIS, R. DE. An old problem always new! (In Italian.) Prog. Vet. 7:257-258. Apr.15,1952. 41.8 P942
Veterinarians in Italy.

75925 ROMADINA, V. Accelerated method of testing blood for brucellosis. (In Russian.) Mîasnaîa Indus. SSSR. 22(5):77. Sept./Oct.1951. 50.8 M58

75926 ROSATI, T. An important provision for foot-and-mouth disease control: the national fund against foot-and-mouth disease virus. (In Italian.) Allevatore 8(17):1. Apr.27,1952. 49 AL55

75927 ROYAL COLLEGE OF VETERINARY SURGEONS. The register of veterinary surgeons, 1952. London, 1952. 469 p. 41.9 L84

75928 RUPP, R. G. One state's plan to lick brucellosis. Farmer [St. Paul] Gen. Ed. 70(12):1,6. June 21, 1952. 6 F2211
Control program in Minnesota.

75929 SALCES, F. Como vi la medicina veterinaria en España. Rev. de Med. Vet. [Buenos Aires] 33:140-156. July/Sept.1951. 41.8 B86

75930 SCHNELLE, G. B. Periodicity of microfilariae. Vet. Med. 47:285. July 1952. 41.8 M69

75931 SCHUH, P. Bekämpft die maul- und klauenseuche. Bauer 5(8):11-14. Feb.23,1952. 19 B32
Austria.

75932 SEITZ, L. Uber somatisches und psychisches im fortpflanzungsgeschehen bei mensch und tier. I. Deut. Med. Wchnschr. 77:797-799. June 20,1952. 448.8 D48

75933 SENEVET, G. Epidémiologie du kyste hydatique en Afrique du Nord. Afrique Franç. Chir. 4:421-426. Oct./Dec.1951. 448.8 Af8
Includes livestock.

75934 SICILY. ISTITUTO SPERIMENTALE ZOOPROFILATTICO. Disinfettanti, disinfezioni e distruzione degli animali morti nella pratica zootecnica [Disinfectants, disinfection and destruction of dead animals in zootechnic practice]. Palermo,Pezzino,1951? 18 p. 41 Si15

75935 SINGH, S. V. S. Laboratory methods in the diagnosis of pregnancy. Madras Vet. Col. Annu. 10:17-22. 1951/52. 41.9 M26

75936 SLOSS, M. W. Women in the veterinary profession. Sowest. Vet. 5:417-418. Summer 1952. 41.8 So82

75937 SMYTHE, R. H. The organisation of modern veterinary practice. Vet. Rec. 64:384-389. June 28,1952. 41.8 V641
Includes discussion.

75938 SOMONNET, H., LE BARS, H., and CHAPEVILLE, F. Action d'extraits végétaux sur la motricité in vitro du duodénum de quelques mammifères. Rev. de Path. Compar. 52:303-308. Apr.1952. 448.8 R326
Horse, rabbit, and pig.

75939 SPANN, J. Regelrechte und regelwidrige milchabsonderung. Z. f. Tierzücht. u. Züchtbiol. 60:1-41. Mar.1952. 442.8 Z35

75940 STEIN, C. D., and STONER, M. G. Anthrax in livestock during 1951 and comparative data on the disease from 1945 through 1951. Vet. Med. 47:315-320. Aug.1952. 41.8 M69

75941 STEIN, C. D., and STONER, M. G. Anthrax in livestock during the first quarter of 1952 with special reference to outbreaks in swine in the Midwest. Vet. Med. 47:274-279. July 1952. 41.8 M69

75942 STREETER, C. P. The lab wins! Farm J. 76(8):29. Aug.1952. 6 F2212
Laboratory to study foot-and-mouth disease.

75943 SUIC, M. L'échinococcose en Yugoslavie. Afrique Franç. Chir. 4:427-430. Oct./Dec.1951. 448.8 Af8
Includes livestock.

75944 TAEGEL, W. M.,JR. New veterinary hospital for Texas A&M College. Sowest. Vet. 5:469. Summer 1952. 41.8 So82

75945 TERRELL, R. T. Case against drug peddling by veterinarians. Sowest. Vet. 5:447. Summer 1952. 41.8 So82

75946 TERRELL, R. T. Ethics in the relationship of the veterinarian to his colleagues and the public. Sowest. Vet. 5:439-440. Summer 1952. 41.8 So82

75947 TILLERY, J. B.,JR. Blood substitutes. Sowest. Vet. 5:445-447. Summer 1952. 41.8 So82

75948 TILLMANN, H. Zur physiologie und pathophysiologie der gebärmutter unter den bedingungen der multiparität. Berlin. u. Münch. Tierärztl. Wchnschr. 65:101-105. Ref. June 1952. 41.8 B45

75949 TODD, F. A. Problems in defense against biological warfare in animals. Sowest. Vet. 5:419-422. Summer 1952. 41.8 So82

75950 TUNNICLIFF, E. A. The new Veterinary Research Laboratory, Montana State College. Mont. Wool Grower 26(7):13. July 1952. 45.8 M762

75951 ULBRICH, F. Standardisierimg der serologischen untersuchungsmethoden für die bruzellose-diagnose nach den empfehlungen des Internationalen Tierseuchenamtes mit hilfe des bruzellose-trockenantigens nach Lerche und Roots. Monatsh. f. Vetmed. 7:203-205. Ref. June 1,1952. 41.8 M742

75952 U. S. DEPT. OF AGRICULTURE. Index-catalogue of medical and veterinary zoology, 18. Authors: X to ZYUKOV, by A. Hassall, M. A. Doss, and J. M. Humphrey. Washington,1952. p.5609-5711. 1 An5Ind

75953 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Report on the foot-and-mouth disease, by A. K. Mitchell, L. Brewster, and J. Towers. Washington,1952. 3 p. 1.914 R2R11

75954 URUGUAY. DIRECCION GANADERIA. La Direction de l'Elevage de l'Uruguay et la lutte contre l'échinococcose. Afrique Franc. Chir. 4:431-432. Oct./Dec. 1951. 448.8 Af8

75955 VARDIMAN, P. H. Poisonous plant conditions in Big Bend and surrounding areas of Texas. Sowest. Vet. 5:423-424. Summer 1952. 41.8 So82

75956 VIANELLO, G. The possible danger to man of antibiotics and hormones used on animals. (In Italian.) Humus 8(3):16. Mar.1952. 16 H88

75957 VIGNALI, L., and DURANTI, G. Serological research on Rickettsia burnetii [Q fever organism] in the province of Arezzo. (In Italian.) Zooprofilassi 7:215-221. May 1952. 41.8 Z72
English summary.
In man and animals.

75958 VILLENEUVE, P. La brucellose peut être transmise aux humains. B. des Agr. 34,i.e.48(6):65,67. June 1952. 7 B872

75959 VROMAN, L. An adaptable and inexpensive animal operating board. Amer. Soc. Clin. Path. Registry Med. Technol. Tech. B. 22:144-146. June 1952. 448.9 Am323

75960 WENSINCK, F. The carbohydrate metabolism of animals poisoned with tetanus toxin. (In Dutch.) Chem. Weekbl. 48:118-119. Feb.23,1952. 385 C42

75961 WHEELER, A. C. The use of surital sodium in roentgen therapy and diagnosis. No. Amer. Vet. 33:555-556. Aug.1952. 41.8 N812

75962 WHITTLESTONE, W. G., BASSETT, F. G. and TURNER, C. W. Source of secretion of milk "let-down" hormone in domestic mammals. Soc. Expt. Biol. Med. Proc. 80:197-199. June 1952. 442.9 So1

75963 ZEISSIG, A. La prophylaxie de l'hydatidose. Afrique Franç. Chir. 4:438-440. Oct./Dec.1951. 448.8 Af8

75964 ZOTTNER, M. G. Prophylaxie véterinaire de l'échinococcose au Maroc. Afrique Franç. Chir. 4:433-437. Ref. Oct./Dec.1951. 448.8 Af8

MISCELLANEOUS

75965 AERSØE, H. Danish livestock research. Dan. Foreign Off. J. 5:1-5. 1952. 286.8 D22

75966 BELGISCHE BOERENBOND. Algemene en bijzondere huisdierkunde [General and special livestock manual]. Ed. 3. Leuven,1951. 351 p. 40 B416

75967 BOUE, A. Les chameaux de l'Ouest Saharien. Elevage et Cult. 4(40):9-11. Apr.1952. 24 EL2

75968 BOWERS, R. D. How to deal with garden marauders. Rur. New-Yorker 102:418,420. June 21, 1952. 6 R88
Legal regulations that govern trespasses by animals.

75969 BYWATER, H. E. The hygienic preparation of meat carcases. Roy. Sanit. Inst. J. 72:375-387. July 1952. 449.9 R812
Includes discussion.

75970 CANADIAN SOCIETY OF ANIMAL PRODUCTION. Proceedings of the general annual meetings of the general Society and Eastern Section. Guelph,1951. 64 p. 49.9 Ea72

75971 DONHAM, C. R. How to dispose of animal carcasses. Hoard's Dairyman 97:539. June 25,1952. 44.8 H65

75972 FERRANDO, R., and THERET, M. Réflexions de deux visiteurs sur l'élevage du Haut-Chéliff au concours-exposition agricole d'Affreville. Elevage et Cult. 4(41):11-12. May 1952. 24 EL2

75973 FREITAS, H. DE. Identification of livestock is obligatory. (In Portuguese.) Rev. dos Criadores 23(3):24. Mar.1952. 43.8 R32
Brazil.

75974 GILLON, M. L'élevage au Cameroun. Marchés Colon. du Monde 8:1309-1311. Mar.17,1952. 286.8 M33

75975 JOUBERT, D. M. The significance of growth in animals; study of changes in development and conformation from birth to maturity shows degree of economical production; important factors in improvement for meat purposes. Farmer's Wk. [Bloemfontein] 83:12-13, 15. June 11,1952. 24 F225

75976 KUDRIÀVTSEV, A. A., and KUZ'MINCHEV, A. V. I. P. Pavlov's teaching—for the practice in animal husbandry. (In Russian.) Sovet. Zootekh. 7(2):10-20. Feb.1952. 49 So822

75977 LEROY. La production animale tunisienne et son amélioration dans l'avenir. Colon Franç. de Tunisie (ser.7)45(2245):1,3. (Cont.) May 31,1952. 24 C712

75978 MCLARTY, B. H. Disease study and research are objectives of Tifton lab. South. Livestock J. 12:30. July 1952. 43.8 F66A
Livestock work at Georgia Coastal Plain Experiment Station.

75979 MORTON, L. State Bureau of Livestock Identification saves thousands of dollars for industry. Calif. Cattleman,July 1952:10. 43.8 C12

75980 NEVZOROV, G. A. Organization of livestock wintering on Budennyi Collective Farm [in Leningrad District, Krasnodar Territory]. (In Russian.) Sotsialist. Zhivotnovod. 14(1):12-17. Jan.1952. 49 So71

75981 NICOULEAU, J. Quelques aspects du problème de la production de la viande. Tarn-et-Garonne Agr. 15: 90. (Cont.) May 1952. 14 T17

75982 OGILVIE, W. E. Shows show the way: the history of livestock competition leads to the inevitable conclusion that they have been a major influence for improvement. Amer. Hereford J. 43(5):267-268,970. July 1,1952. 43.8 Am32

75983 PAYNTER, E. L. Coyote control in Saskatchewan. In Saskatchewan. University. Lectures and addresses given during Farm Week, January 8-11,p.54-56. Saskatoon,1951. 31.2 Sa72

75984 ROF CODINA, J. La marca o hierro de las ganaderías. Cult. Mod. 35:167. May 1952. 15 C89

75985 SACCO, P. Contribution of the chemical industry to livestock progress. (In Italian.) Mondo Agr. 3(17):6. Apr.27,1952. 16 M74

75986 SAUNDERSON, M. H. New horizons in western ranch management. Amer. Hereford J. 43(5):138-139, 1034-1036. July 1,1952. 43.8 Am32

75987 SCHMIDT-LAMBERG, H. Katastrophenwitterung der haustiere. Tierärztl. Umschau 7:249-250. July 1952. 41.8 T445

75988 SCOTTISH SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS. Hundred and twelfth annual report 1951. Edinburgh,1952. 79 p. 40 Sco3

75989 SHAW, M., and FISHER, J. Animals as friends and how to keep them. Rev. and reset. London,Dent, 1952. 208 p. 48 Sh22

75990 TSATSENKIN, I. A. Conference on animal husbandry in the once irrigated again supplied with water pastures of U.S.S.R. (In Russian.) Kormovaia Baza 3(3): 60-61. Mar.1952. 60.8 K84

75991 VALADÃO, F. G. Gathering and shipment of material for laboratory analysis. II. Dead animal. (In Portuguese.) Gaz. do Agr. 4:89. Apr.1952. 24 G25
Autopsies.

75992 VASSOGNE, G. Les abattoirs industriels. Rev. Prat. du Froid 7(9):43-45,52. June1952. 295.8 R323

75993 WIGHTMAN, R. Livestock farming. London, Nicholson and Watson,1952. 160 p. (Country Books 7) 40 W634

75994 WILSON, L. V. The tanbark—show window of our business. Guernsey Breeders' J. [Peterborough] 85: 795,830,842. July 15,1952. 43.8 G93

CATTLE

Breeds and Breeding

75995 ABERDEEN-ANGUS CATTLE SOCIETY. The Aberdeen-Angus herd book, v. 76. Aberdeen,1952. 551 p. 43.9 P76

75996 ADLER, H. C., and RASBECH, N. O. Studies on the effect of antibiotics upon the fertility of bull semen. 2. 5000 mg. dihydrostreptomycin sulphate per ml. diluter, with special reference to its application to bulls transmitting vibrio fetus infection. (In Danish.) Nord. Vetmed 4: 604-613. June 1952. 41.8 N813
English summary.

75997 AGARWALA, O. P. Some suggestions for modifying key village block scheme for artificial insemination. Allahabad Farmer 26:53-56. Mar.1952. 22 AL5
Cattle.

75998 ANDERSON, J. The pH change in bull semen and fertility. J. Agr. Sci. 42:172-174. Ref. Jan./Apr. 1952. 10 J822

75999 AUTHORITIES at 38 leading agricultural institutions discuss their whitefaces. Amer. Hereford J. 43(5):270-272,276,278,280-282,286,290,294,296,298,307-308,312,314,316,320,322,324,326,328,330,332,334,336,338, 347-348,352,356-358,360,364,366,368-370,372,374,376, 378,387-389,392-393,396-397,400-401,403-406. July 1, 1952. 43.8 Am32
Research on Hereford cattle.

76000 AVELINE, J. Voyage en Colombie. Exposition de Bogotá (septembre 1950). B. du HBN (n.s.)10:2-8. Oct.1951. 43.8 R11
Chiefly on Normande cattle.

76001 BATTLES, O. V. Angus "feminine charm" basic point when selecting females. West. Live Stock 37(11):118,124. June 1952. 49 W523

76002 BAYERS, A. Two-year trial for replacement females. West. Live Stock 37(11):73. June 1952. 49 W523

76003 BECOTTE, R. La vache Jersey. Digeste de l'Eleveur 6(8):21-24. Apr.1952. 49 D56

76004 BENKO, V. Hyaluronidase des stierejakulates. (In Serbo-Croatian.) Vet. Arh. 21:452-460. Dec.1951. 41.8 V6416
German summary.

76005 BIBLE, G. W. Hereford progress in the Southeast. Breeder-Stockman 14(2):10,69. July 1952. 49 V81

76006 BIBLE, G. W. Most good calves the goal: breeding system that brings best results in his own herd wise breeder will use. Amer. Hereford J. 43(5):867-868, 870. July 1,1952. 43.8 Am32

76007 BIRD, J. Here comes a better cow. Country Gent. 122(7):21,46-47. July 1952. 6 C833
Improvement through breeding.

76008 BISHOP, M. W. H., and SALISBURY, G. W. The effect of spermatozoa concentration and dilution on the respiratory activity of bull semen. (Abs.) J. Dairy. Sci. 35:490. June 1952. 44.8 J822

76009 BISHOP, M. W. H., CAMPBELL, R. C., and HANCOCK, J. L. Impedance change frequency in bull semen. (Abs.) J. Dairy Sci. 35:491. June 1952. 44.8 J822

76010 BOGGS, H. H. Associations serve a definite purpose. Amer. Hereford J. 43(5):548,550,552,556,558, 564,566,570,572,574,578,587-588,590,592,594,596,598,600, 602-603,606,608,610,614,616,618,627-628,632,636,638,645-646,650,654,656,658,827-828,830,832,834,836,838,840,842-844,846,848,850,852-854,856,858. July 1,1952. 43.8 Am32
Includes list of Hereford breeders' associations.

76011 BOGGS, H. H. Wm. Hy. Sotham, "the old champion and original Hereford advocate." Amer. Hereford J. 43(5):428,430,432,434,436,438,440,442,444,448-450, 452,454,456,458,468,470,472,474. July 1,1952. 43.8 Am32
Hereford history.

76012 BONADONNA, T. Identification of paternity in cattle and artificial insemination. (In Italian.) Prog. Vet. 7:381-383. June 1,1952. 41.8 P942

76013 BONDAREV, IU. F. Red Steppe [dairy] cattle. (In Russian.) Sovet. Zootekh. 7(2):61-69. Feb.1952. 49 So822

76014 BRANTON, C., KELLGREN, H. C., and PATRICK, T. E. The relationship between dilution rate of bull semen or the number of motile spermatozoa and fertility. (Abs.) J. Dairy Sci. 35:490. June 1952. 44.8 J822

76015 BRIGGS, H. M. Why breed purebreds? Amer. Hereford J. 43(5):129-130,1024,1026-1027. July 1,1952. 43.8 Am32

76016 BRIQUET JUNIOR, R. Importance of mineral salts in the fertility of herds. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:131-132. Mar./Apr.1952. 9.2 R324

76017 BRUHNS, E. M. There's something about Herefords that can't be forgotten. Amer. Hereford J. 43 (5):756,760. July 1,1952. 43.8 Am32
Ranching.

76018 BULLING. Die haftung für deckschäden bei rindern. Landwirtbl. Weser-Ems 99:561. June 5,1952. 18 L2345

76019 BURNS, J. C. It pays! There are good dividends for both when purebred and commercial men get together to solve their problems. Amer. Hereford J. 43 (5):418,968. July 1,1952. 43.8 Am32

76020 CAMPBELL, I. L., and FLUX, D. S. Body weights of some New Zealand Jersey and Friesian cattle. J. Agr. Sci. 42:150-154. Ref. Jan./Apr.1952. 10 J822

76021 CASADY, R. B., MYERS, R. M., and LEGATES, J. E. The effect of continuous exposure to high ambient temperature on the physiology of the dairy bull. (Abs.) Assoc. South. Agr. Workers. Proc. 49:73. 1952. 4 C82

76022 CHOHLIS, J. Where Herefords and men build beef. Amer. Hereford J. 43(5):478,480,482-486,488,492, 494,496,498. July 1,1952. 43.8 Am32
Loomis country of Washington State.

76023 COLE, J. Consider cow herd's health. Amer. Hereford J. 43(5):693-695. July 1,1952. 43.8 Am32
In breeding.

76024 COLLINS, W. J., RATCLIFF, L., and ROARK, D. B. Comparison of sodium citrate and phosphate for diluting bull semen. (Abs.) Assoc. South. Agr. Workers. Proc. 49:71. 1952. 4 C82

76025 CONKLIN, C. T. Ayrshires make good record in New World. Mo. Farmer 44(4):6-7. Apr.1952. 6 M696

76026 DANILEVSKII, N. V. Artificial insemination of cows. (In Russian.) Sotsialist. Zhivotnovod. 14(1):38-44. Jan.1952. 49 So71

76027 DIRK DEJONGE, L. El ganado Holando Frisio en su país de origen. Asoc. Rur. del Uruguay. Rev. 79 (5):16-17. May 1952. 9.9 As5

76028 DUEMELAND, L. E. Results prove the methods: breeder's use of his herd bull should be in way best suited to his own conditions. Amer. Hereford J. 43 (5):870,872. July 1,1952. 43.8 Am32

76029 EIBL, K. Zur wahl zwischen besamungstierarzt und besamungstechniker. Tierärztl. Umschau 7:241-242. July 1952. 41.8 T445
Cattle.

76030 ELLIS, G. F. Producing more useful cattle. West. Live Stock 37(11):83,87,91. June 1952. 49 W523
Breeding and keeping records.

76031 ELLIS, H. Grade them up with better sires—it pays! Amer. Hereford J. 43(5):884,886,888,890-892. July 1,1952. 43.8 Am32

76032 ENGLE, C. Pay attention to all details: whether hand or pasture breeding is used bull will give best service under good care. Amer. Hereford J. 43(5): 682,684. July 1,1952. 43.8 Am32

76033 ESKEDAL, H. W. Breeding cattle for higher milk yield. (In Danish.) Svensk Jordbrforsk. 1951:158-165. 11 J763
In Denmark.

76034 FELHAUER, T. Building uniformity in the cow herd. West. Live Stock 37(11):44. June 1952. 49 W523
Breeding.

76035 FITZGERALD, J. W. Your herd bull will respond to care and just good common-sense treatment. Amer. Hereford J. 43(5):944,947. July 1,1952. 43.8 Am32

76036 FITZHUGH, H. A. Herd bull gives the answ on his proper care and handling the breeder's success failure may well depend. Amer. Hereford J. 43(5):667-668,672,676. July 1,1952. 43.8 Am32

76037 FRIESCH rundvee-stamboek [Friesian cattle herd book], v. 115, 1949, pt. 1. Leeuwarden,1952. unpaged. 43.9 F91

76038 GALT, E. F. Building the cow herd: a banker's viewpoint. West. Live Stock 37(11):56,80-81. June 1952. 49 W523
Economic importance of careful breeding.

76039 GAMMON, B. O. Program for success: experience and observation indicate why some win with purebreds while others fail. Amer. Hereford J. 43(5)146-147, 1042-1047. July 1,1952. 43.8 Am32

76040 GAY, C. W. Heredity and environment. Amer. Hereford J. 43(5):131-132,1038. July 1,1952. 43.8 Am32
Beef cattle.

76041 GAYDEN, H. P. Registering and transferring Brahmans. Cattleman 39(2):48,50,52,54-55. July 1952. 49 C29

76042 GIBERTI, H. Holando-Argentino. Chacra 22 (259):6,62. June 1952. 9 C34

76043 GIRARD, H. Comment choisir une bonne génisse. B. des Agr. 34,i.e.48(4):26,104. Apr.1952. 7 B872

76044 GREGORY, P. W., ROLLINS, W. C., and CARROLL, F. D. Heterozygous expression of the dwarf gene in beef cattle. Sowest. Vet. 5:345-349. Summer 1952. 41.8 So82

76045 GULLANDER, A. Misgivings in regard to Aberdeen-Angus. (In Swedish). Ladugården 5:137-139. May 1952. 44.8 L12

76046 HANCOCK, J. Identical cattle twins and colour inheritance. Endeavour 11:78-86. Apr.1952. 472 En2

76047 HANSEN, K. Progeny tests and progeny investigations. (In Danish.) Dansk Landbr. 71:290-291. June 19,1952. 280.28 V91
Cattle.

76048 HANSSON, A. Heredity and nutritional level. (In Swedish). Ladugården 5:132-136. May 1952. 44.8 L12
Cattle.

76049 HARTNELL, W. Bovine pregnancy work. Jersey B. 71:946-947,976. July 10,1952. 43.8 J48
Breeding methods.

76050 HAYS, R. L., and VANDEMARK, N. L. Effect of hormones on uterine motility and sperm transport in the perfused genital tract of the cow. (Abs.) J. Dairy Sci. 35:499-500. June 1952. 44.8 J822

76051 HAYSTEAD, L. Fun in the bonus: many a man has proved beyond a doubt that money soundly invested in the Hereford business yields good dividends—but money isn't everything. Amer. Hereford J. 43(5):148-149,1000. July 1,1952. 43.8 Am32

76052 HENDRY, C. G. Utilize method best suited: weigh advantages against disadvantages then choose most practical breeding program. Amer. Hereford J. 43(5): 690-692. July 1,1952. 43.8 Am32
Includes care of the bull.

76053 HENKE, W. Aureomycin zur sterilitätsbehandlung beim rind. Fortpflanzung u. Besamung der Haustier 2:44-45. In Deut. Tierärztl. Wchnschr. 59(23/24). June 15,1952. 41.8 D482

76054 HOLSTEIN-FRIESIAN ASSOCIATION OF CANADA. Holstein-Friesian herd book, v. 56, 1951. Brantford,Ont.?1952. various pagings. 43.9 H743

76055 HORPRICH, H. Untersuchungen über das alter männlicher zuchttiere in der rinderzucht. Tierärztl. Umschau 7:248-249. July 1952. 41.8 T445

76056 HORTON, L. J. Right cow first then her feed. Amer. Hereford J. 43(5):788,793. July 1,1952. 43.8 Am32

76057 HUTCHINSON, D. E. Dual purpose cattle on the mixed farm. J. Red Poll Breed 28(103):42-45. Spring 1952. 43.8 J82

76058 IGUCHI, K. Nyugyu (hinshu to shinsa) [Milking cows (their kind and examination)]. Rakuno Gyutsu Sosho 2,258 p. 1951. 44.8 R133

76059 THE IMPORTANCE of the cow. West. Live Stock 37(11):46-47,140-143,151. June 1952. 49 W523
Discussion by 26 stockmen.

76060 ISUPOV, A. G., PIL'NIK, N. E., and GERASIMOV, I. A. Improvement of Krasnaia Gorbatovskaia cattle breed. (In Russian.) Sotsialist. Zhivotnovod. 13 (12):66-74. Dec.1951. 49 So71

76061 JACQUET, J., and CASSOU, R. Mise au point d'un milieu pulvérulent à base de lait écrémé, en vue de la dilution et de la conservation du sperme des taureaux. Acad. d'Agr. de France. Compt. Rend. 39:393-306. Apr.30/May 7,1952. 14 F215Bc

76062 JENKINS, A. Cattle breeding and improvement in the South-West. Gt. Brit. Min. Agr. Agriculture 59:173-176. July 1952. 10 G79J

76063 JOHANSSON, I., and KORKMAN, N. Heredita-bility of the udder proportions in dairy cows. Hereditas 38:131-151. Ref. 1952. 442.8 H42

76064 JOHANSSON, I. Paternity proof now possible in cattle raising. (In Swedish.) Lantmannen 36:453-454. June 7,1952. 11 L234

76065 JOHNSTON, J. E., and BRANTON, C. Effects of seasonal environmental changes in dairy bulls in a subtropical area. I. Body temperature, respiration rate, pulse rate, and semen characteristics. (Abs.) Assoc. South. Agr. Workers. Proc. 49:70. 1952. 4 C82

76066 JOHNSTON, J. E., and BRANTON, C. Relationship of maximum daily air temperature, mean daily air temperature and humidity to physiological reactions of dairy bulls. (Abs.) J. Dairy Sci. 35:489. June 1952. 44.8 J822

76067 KEITH, A. Angus in Angusland. Livestock Wk. 6(34):9,38,42,48,52. July 1952. 49 L753
Scotland.

76068 KENNERLY, A. B. Range cattle in the piney woods; they're getting better with improved breeding and feeding. Humble Farm Family 8(11):8-9. Apr.1952. 6 F233

76069 KETTLE, W. C. Pasture breed for economy. Amer. Hereford J. 43(5):872-873. July 1,1952. 43.8 Am32

76070 KIDDER, R. W., and CHAPMAN, H. L., JR. A preliminary report of weight performances of crossbred and purebred cattle at the Everglades Experiment Station from 1943 to 1951. (Abs.) Assoc. South. Agr. Workers. Proc. 49:56-57. 1952. 4 C82

76071 KINGMAN, H. E., JR. Saboteurs: they kill the profit when they cut the calf crop. Amer. Hereford J. 43(5):163,874,876,878,880,882. July 1,1952. 43.8 Am32

76072 KIRK, W. G. Brahman cattle for beef production. Canad. Soc. Anim. Prod. Proc. 1951:17-22. Ref. 49.9 Ea72
Development in the South.

76073 KNAPP, B., JR., CHURCH, R. C., and FLOWER, A. E. Genetic history of the Line 1 Hereford cattle at the United States Range Livestock Experiment Station, Miles City, Montana. Mont. Agr. Expt. Sta. B. 479,27 p. Ref. Nov.1951. 100 M76

76074 KNOX, R. G. Improvement of beef cattle through breeding. Canad. Soc. Anim. Prod. Proc. 1951: 39-43. 49.9 Ea72

76075 KÖNIG. Die "Flora 76.469"-kuhfamilie, eine wertvolle erbfamilie des Allgäus. Allgäuer Bauernbl. 20:293-294. June 5,1952. 18 AL53

76076 KORDTS. Über den einfluss der ernährung auf die geschlechtsfunktion und spermaqualität unserer zuchtbullen. Futter u. Fütterung 17:126-127. Jan.1952. 389.78 F98

76077 KORKMAN, N. Judging breeding value of dairy cows. (In Swedish.) Svensk Jordbrforsk. 1951:166-172. 11 J763

76078 LALANNE, A., and others. Considérations sur le poids et l'âge des Zébus de boucherie du Soudan et de la Haute-Volta (A.O.F.). Rev. d'Elevage et de Méd Vét. des Pays Trop. 5:9-16. Jan./Mar.1951/1952. 41.8 R3262
P. Mornet, P. Chalumeau, and R. Valin, joint authors.

76079 LAMASTER, J. P., and others. Progress report on the production records of crossbred dairy cattle. (Abs.) J. Dairy Sci. 35:495. June 1952. 44.8 J822
G. W. Brant, C. C. Brannon, and M. H. Fohrman, joint authors.

76080 LARSON, B. L., and SALISBURY, G. W. The reducing components of bull semen as determined by an iodimetric titration. (Abs.) J. Dairy Sci. 35:490. June 1952. 44.8 J822

76081 LASLEY, J. F. Is nutrition the missing link in your cattle breeding program? Ariz. Cattelog 7(8):4-8. Apr.1952. 43.8 Ar42

76082 LENGDEN, V. Protein versus butter fat. (In Swedish.) Lantmannen 36:456-457. June 7,1952. 11 L234
Chiefly on the effect of breeding on the composition of milk.

76083 LINDAHL, P. E., KIHLSTROM, J. E. and STROM, B. On the relationship between fertility and light-reflecting power in bull spermatozoa. J. Agr. Sci. 42:184-187. Jan./Apr.1952. 10 J822

76084 LIVINGSTON, H. G. Romance in the dairy barn. Hoard's Dairyman 97:607,634. July 25,1952. 44.8 H65

76085 LUNDBLAD, G., and HULTIN, E. Amylase in bull spermatozoa. Expt. Cell Res. 3:506-507. June 1952. 442.8 Ex7

76086 MCDONALD, R. J. Behind the scenes; preparing [cattle] semen. Holstein-Friesian J. 15(4):18-19,51-52. July 1952. 43.8 H743

76087 MACEWAN, G. Ancestors by the millions. Shorthorn News [Waterloo] 13(2):9-10. June 1952. 43.8 Sh85
Cattle.

76088 MCSPADDEN, C. L. The American Angus futurity. Livestock Wk. 6(34):30,85. July 1952. 49 L753

76089 MARION, G. B., and OLSON, H. H. Reconstituted skimmilk as a diluent for bovine semen. (Abs.) J. Dairy Sci. 35:491. June 1952. 44.8 J822

76090 MARKS, M. Brahman progress. Cattleman 39 (2):60-61. July 1952. 49 C29

76091 MARKUSHIN, K. V., and PALKIN, G. A. Improvement of Bestuzhevskaiâ breed of [dual purpose] cattle on Kanash State Farm [in Shentalinskii District, Kuibyshev Region]. (In Russian.) Sotsialist. Zhivotnovod. 14(1):64-72. Jan.1952. 49 So71

76092 MARTIN, C. Three methods of breeding: all have advantages and all if properly managed will assure maximum success for herd. Amer. Hereford J. 43(5): 684-686,688-690. July 1,1952. 43.8 Am32

76093 MASSAGUES, J. M. Producción de carne: raza Hereford. Cult. Mod. 35:125-126. Apr.1952. 15 C89

76094 MATTLI, G., and CLAVADETSCHER, R. Die staatliche förderung der rindviehzucht im kanton Graübunden; ein beitrag zur geschichte der bündnerischen viehzucht. Chur,Bischofberger,1951. 118 p. Ref. 43 M43

76095 MAULE, J. P. Experimental breeding of dairy cattle for hot climates. Indian Dairyman 3:155-157. Ref. May 1952. 44.8 In282

76096 MELROSE, D. R., and TERNER, C. Pyruvate metabolism and assessment of [bull] semen quality. Soc. Expt. Biol. & Med. Proc. 80:298-300. June 1952. 442.9 So1

76097 MERCIER, E. L' efficacité de la petite Jersey à convertir les aliments en lait n'est pas moindre que celle des autres races laitiéres. Digeste de l'Eleveur 6 (9):28. May 1952. 49 D56

76098 MILLER, L. D. The Angus story: great increase noted for blacks in the West. West. Livestock 37 (10):34-35. May 1952. 49 W523

76099 MILLER, L. D. Bonny Blacks invade the sunny South. Livestock Wk. 6(34):10-11. July 1952. 49 L753

76100 MILLER, R. The sires that sire their range bulls. Amer. Hereford J. 43(5):411-417. July 1,1952. 43.8 Am32
Photographs by E. J. Saxton.

76101 MONTANARI, V. Cattle of Venice. (In Italian.) Allevatore 8(18).3-4. May 4,1952. 49 AL55
Breeds.

76102 MOODY, E. G., and others. Preliminary studies of irregular breeding in dairy cattle. (Abs.) J. Dairy Sci. 35:500-501. June 1952. 44.8 J822
W. A. Smith, J. W. Crumbaker, and G. B. McLeroy, joint authors.

76103 MORRIS, S. T. There's more than cream in Devon. Farmers Wk. [London] 36(26):56-57,59. June 27,1952. 10 F2226
Cattle and sheep breeds in Devon.

76104 MOXLEY, J. J. Some fundamentals about breeding beef cattle. Amer. Hereford J. 43(5):152-153, 1050. July 1,1952. 43.8 Am32

76105 NESS, A. R. Improvement of dairy cattle through breeding. Canad. Soc. Anim. Prod. Proc. 1951: 35-38. 49.9 Ea72

76106 NICHOLS, M. B. Haciendo records de producción en el ganado registrado del Ecuador. Holstein Colomb. 6(39):14-17. Feb.1952. 43.8 H744

76107 OLSON, H. H. Uniformity and nutritional studies with monozygotic bulls. (Abs.) J. Dairy Sci. 35:489. June 1952. 44.8 J822
Fertility.

76108 ORNDUFF, D. R. Rich bloodlines: opportunity came to certain bulls by chance—but their inheritance made their success no accident. Amer. Hereford J. 43(5):143-145,990,992. July 1,1952. 43.8 Am32

76109 OSLAND, H. B. Plan a program to fit herd: question of what breeding system to follow depends on the individual farm and ranch. Amer. Hereford J. 43(5):676, 678,680,682. July 1,1952. 43.8 Am32

76110 PAGOT, J. R. Croisements taurins-Zébus; étude biométrique des résultats obtenus à l'Office du Niger (A.O.F.). Rev. d'Elevage et de Méd. Vét. des Pays Trop. 5:53-62. Apr./June 1951/1952. 41.8 R3262

76111 PEREZ ABREU, L. La mejora de toros sementales. Tierra [México] 7:342. May 1952. 8 T445
Weight and growth.

76112 POLGE, C., and LOVELOCK, J. E. Preservation of bull semen at −79°C. Vet. Rec. 64:396-397. July 5,1952. 41.8 V641

76113 POLLED HEREFORD WORLD MAGAZINE. 1952 herd book issue. Polled Hereford World Mag. 6(7): 282 p. 43.8 P76
Includes 28 articles on raising Polled Herefords by F. W. Farley.

76114 POZZO ARDIZZI, L. El ganado vacuno en Holanda. Pampa Argentina 25(293):9. May 1952. 9 P19
Breeding.

76115 PRATHER, W. B., and BRANTON, C. Metabolic responses of bovine spermatozoa to certain antibacterial agents and insulin. (Abs.) Assoc. South. Agr. Workers. Proc. 49:66. 1952. 4 C82

76116 PURDY, B. Settling cows prime object: getting them safe in calf depends largely on proper care and management of herd bull. Amer. Hereford J. 43(5):697-698,867. July 1,1952. 43.8 Am32

76117 RICKARD, J. A. The Sussex: an old-new breed of cattle. Your Farm 11(7):35-39. July 1952. 6 Y8

76118 RINDERLE. Gesundheit und leistung. Tierzüchter 4:302-303. June 20,1952. 49 T445
Breeding of cattle.

76119 RINGLER. Die erste anerkennung züchterisch wertvoller stiere als vererber im tierzuchtamtsbereich Kaufbeuren. Allgäuer Bauernbl. 20:330-331. June 26, 1952. 18 AL53

76120 RITTER, H. Untersuchung und überwachung der zuchtbullen auf zuchttauglichkeit. Landwirt. Wchnbl. f. Westfalen u. Lippe 109 A:947-948. June 19,1952. 18 L2346

76121 ROHLF, J. A. A $3,000 bull for $750. Farm J. 76(8):36. Aug.1952. 6 F2212
Cooperative ownership.

76122 ROSS, G. Origin of idea of naming cow families. West. Live Stock 37(11):97-98,101. June 1952. 49 W523
Especially Herefords.

76123 RUSOFF, L. L., JOHNSTON, J. E., and BRANTON, C. Blood studies of dairy bulls. I. (Abs.) Assoc. South. Agr. Workers. Proc. 49:79. 1952. 4 C82

76124 SADLER, F. W. Galloway cattle. Gt. Brit. Min. Agr. Agriculture 59:133-135. June 1952. 10 G79J

76125 SANCHEZ, M. La inseminación artificial en Inglaterra. Cult. Mod. 35:180-181. May 1952. 15 C89
Cattle.

76126 SARTWELLE, J. W. Brief history of Brahman cattle. Cattleman 39(2):38,40,42. July 1952. 49 C29

76127 SCHMIDT, H. Die braunviehzucht in Niederösterreich. Landwirtschaft 11/14:197. (Concl.) June/July 1952. 19 L235

76128 SCOTT, I. W. Uncontrolled matings cause loss of dairy production; survey shows prevalence of short lactations. Agr. Gaz. N. S. Wales 63:177-180. Apr.1,1952. 23 N472

76129 SHEETS, E. W. Consider these points when deciding to breed purebreds. Amer. Hereford J. 43(5): 203-204,910,912. July 1,1952. 43.8 Am32

76130 SHEPARD, H. G. British breeds of livestock. XIV. The Jersey. Brit. Agr. B. 5:81-87. July 1952. 10 B776

76131 SIMUNIC, B. Recherches sur l'action de la péniciline additionnée à la semence bovine, préalablement étendue avec un dissolvant consistant en jaune d'oeuf de poule et natrium citricum. (In Serbo-Croatian.) Vet. Arh. 21:427-438. Dec.1951. 41.8 V6416
French summary.

76132 STALLCUP, O. T., and MCCARTNEY, H. K. The use of bacitracin and terramycin in semen diluters and the storage of semen at -15° C. in a glycerin-citrate-yolk diluter. (Abs.) J. Dairy Sci. 35:489-490. June 1952. 44.8 J822

76133 STANDHARTINGER, M. Erzüchteter milchfettgehalt. Bauer 5(21):3-4. May 31,1952. 19 B32

76134 STEWART, S. L. Sterility in cattle. No. Amer. Vet. 33:470-471. July 1952. 41.8 N812

76135 SUNDBY, J. The fat percent of milk. (In Norwegian). Meieriposten 41:377-383. May 1952. 44.8 M47
Chiefly on the effect of breeding and feeding on milk yield and fat content.

76136 SWANSON, E. W., and BOATMAN, J. P. Thiouracil-induced hypothyroidism in sexually mature dairy bulls. (Abs.) J. Dairy Sci. 35:498. June 1952. 44.8 J822

76137 SWART, J. C., and FERREIRA, I. L. The Friesian, the world's most popular dairy cow. (In Afrikaans.) Landbouweekblad 33(1712):12-13,15,17. May 7, 1952. 24 L232

76138 TOBLER. Betrachtungen zur kausalität der unfruchtbarkeit des rindes; stellungnahme zu den artikeln von Dr. Kleinau und Dr. Grundmann. Fortpflanzung u. Besamung der Haustier 2:45-47. In Deut. Tierärztl. Wchnschr. 59(23/24). June 15,1952. 41.8 D482

76139 TULZER, G. Die ergebnisse der hauptkörungen 1951. Bauer 5(8):2-3. Feb.23,1952. 19 B32
Cattle in Austria.

76140 VENKATESWARLU, P. Cattle breeding in the Ongole tract. Madras Vet. Col. Annu. 10:48-51. 1951/52. 41.9 M26

76141 VEST, G. Graham Breeding School. Aberdeen-Angus J. 34:64-65. Aug.1952. 43.8 Ab3

76142 WENGER, H. Züchterische massnahmen zur verbesserung der milch- und fettleistung beim rind. Grüne 80:653-662. June 13,1952. 17 Sch9

76143 WIENER, G. Distribution of pedigree Ayrshire, British Friesian, and Shorthorn cattle in Great Britain in relation to temperature and rainfall. Empire J. Expt. Agr. 20:123-132. Ref. Apr.1952. 10 Em7

76144 WILLIAMS, E., and BUNGE, V. A. Development of the Zebu herd of Bukedi cattle at Serere, Uganda. Empire J. Expt. Agr. 20:142-160. Apr.1952. 10 Em7

76145 WOELFFER, E. A. Keeping the bull in service. Hoard's Dairyman 97:598. July 10,1952. 44.8 H65

76146 YOUNG, D. B. Artificial insemination in the [Fraser] Valley. Butter-fat 30(4):2-3. July 1952. 44.8 B98
Cattle.

76147 ZORN, W. Rinderzucht. Ed. 4. Stuttgart, Ulmer,1951. 264 p. (Tierzuchtbücherei) 43 Z72R

Feeds and Feeding

76148 AMSCHLER, J. W., and RUPP, G. Untersuchungen über die wirkung der freilandhaltung auf futterverbrach und leistung einer braunviehherde in Tirol. Bodenkultur 6:1-20. Ref. 1952. 19 B635

76149 ARNOLD, P. T. D. Importance of individual feeding and individual records for efficient milk production. Fla. Dairy News 2(5):14-15. June 1952. 44.8 F66

76150 AUTREY, K. M. Wood molasses versus corn in a ration for lactating cows. (Abs.) Assoc. South. Agr. Workers. Proc. 49:74-75. 1952. 4 C82

76151 AXELSSON, J. pH value of silage and butyric acid content. (In Swedish.) Svensk Jordbrforsk. 1951: 173-182. 11 J763
Feeding dairy cattle.

76152 BAILEY, G. L. Studies on variations in the solids-not-fat content of milk. V. Variations due to winter feeding practice. J. Dairy Res. 19:169-178. Ref. June 1952. 44.8 J823

76153 BAKER, M. L. Summer pasture feeding. Corn Belt Livestock Feeder 4(9):8. June 1952. 280.38 C81
Beef cattle.

76154 BARKER, H. B., WISE, G. H., and JACOBSON, N. L. Filled milks for dairy calves. III. Comparative value of various soybean oils and butter oil in a practical dietary regime. J. Dairy Sci. 35:507-514. Ref. June 1952. 44.8 J822

76155 BEROUSEK, E. R., ANDERSON, L. J., and NORTON, C. L. Value of ground alfalfa in replacing 50% of the concentrate mixture for dairy cows. (Abs.) Assoc. South. Agr. Workers. Proc. 49:79-80. 1952. 4 C82

76156 BLOSSER, T. H., and others. The use of dehydrated forages in dairy cattle rations. II. J. Dairy Sci. 35:515-523. Ref. June 1952. 44.8 J822
F. R. Murdock, R. E. Lintott, R. E. Erb, and A. O. Shaw, joint authors.

76157 BRAZIL, G. 112,809 gallons without concentrates. Farmers Wk. [London] 37:75,77. July 4,1952. 10 F2226

76158 BRIQUET JUNIOR, R. Need for care in the use of thyroprotein. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:135-136. Mar./Apr.1952. 9.2 R324
To increase milk production in cattle.

76159 BROWN, D. C., READ, J., and WILLARD, H. S. Slacked lime as a preventive of scours for whey-fed calves. (Abs.) J. Dairy Sci. 35:491-492. June 1952. 44.8 J822

76160 BURNS, M. B. Provide good pastures for cows. Amer. Hereford J. 43(5):774,776. July 1,1952. 43.8 Am32

76161 BURRELL, J. H. Vitamin A and trace minerals reduce mortality in calving. Feed Age 2(7):33-35. July 1952. 389.78 F327

76162 CANNON, E. A. Dairy roughage budget. Purdue U. Agr. Ext. L. 239,rev.,6 p.-folder. May 1952. 275.29 In2L

76163 CHANDA, R., MCNAUGHT, M. L., and OWEN, E. C. The effect of thyroxine and thiouracil on the composition of milk. 3. Biochem. J. 51:543-552. Ref. July 1952. 382 B52

76164 CONNOLD, W. Q. The grazing of kale and rape with cattle. Gt. Brit. Min. Agr. Agriculture 59:113-116. June 1952. 10 G79J

76165 CONVERSE, H. T., and WISEMAN, H. G. Corn silage as the sole roughage for dairy cattle. U. S. D. A. Tech. B. 1057,16 p. Ref. May 1952. 1 Ag84Te

76166 CORRIE, F. E. Feeding farm animals. 59. Feeding dairy cows. Fert. Feed. Stuffs & Farm Supplies J. 38:433-435. July 9,1952. 57.8 F413

76167 CUNHA, T. J. Over or under grazing equally bad in search for maximum beef gains. Fla. Cattleman 16(10):24-25. July 1952. 43.8 F66

76168 DAVIS, G. K., and WALLACE, H. D. Sweet potato by-product feed for cattle. (Abs.) Assoc. South. Agr. Workers. Proc. 49:62. 1952. 4 C82

76169 DELL, A. Lucerne to the rescue in Britain; with dried grass it provides the bulk of new national cattle foods in cube form. New Zeal. Dairy Exporter 27 (11):34-35. May 1952. 44.8 N484

76170 DREWS, R. Ubergangs- und weidebeifütterung der milchkühe. Futter u. Fütterung 18:131-133. Feb. 1952. 389.78 F98

76171 GARDNER, K. E. Feeding cows on spring pasture. Ill. Agr. Col. Ext. D623,3 p. Apr.10,1951. 275.29 IL62Pda

76172 GARDNER, K. E. Simplified calf starter containing corn, oats and expeller or solvent soybean oil meal. (Abs.) J. Dairy Sci. 35:491. June 1952. 44.8 J822

76173 GARDNER, K. E. A simplified calf starter for dairy calves. Ill. Agr. Col. Ext. D632,4 p. Apr.18,1952. 275.29 IL62Pda

76174 GILL, J. Herd nutrition is major problem. Amer. Hereford J. 43(5):814,816. July 1,1952. 43.8 Am32

76175 GRAF, G. C., DENTON, A. R., and HOLDAWAY, C. W. The stimulus on milk production of fresh pasture grass provided by short rotation period. (Abs.) Assoc. South. Agr. Workers. Proc. 49:168-169. 1952. 4 C82

76176 GRAF, G. C., and HOLDAWAY, C. W. The value of arsonic acid derivatives as a growth stimulant when fed to calves. (Abs.) J. Dairy Sci. 35:492. June 1952. 44.8 J822

76177 GYNN, G. 1,000-galloners on 65 acres; grass and silage are the mainstay of yields on this Cornish farm with an outwintered Jersey herd. Farmer & Stock-Breeder 66(3269):50-51. June 17,1952. 10 F228

76178 HANSEN, H. C., and others. The influence of feeding corn, pea vine or alfalfa silage to dairy cows on pH and titratable acidity, per cent butterfat and total solids, and milk flavor and production. (Abs.) J. Dairy Sci. 35:481. June 1952. 44.8 J822
E. D. McGlasson, R. H. Ross, W. R. Harvey, and D. L. Fourt, joint authors.

76179 HAQ, M. O., and RUSOFF, L. L. Effect of antibiotics (aureomycin and tyrothricin) and vitamin B_{12} on milk production, and the vitamin B_{12} content of the milk. (Abs.) Assoc. South. Agr. Workers. Proc. 49:75-76. 1952. 4 C82

76180 HARSHBARGER, K. E. Self-feeding a ground hay and grain ration to dairy cows. (Abs.) J. Dairy Sci. 35:501. June 1952. 44.8 J822

76181 HEWITT, A. C. T. Foods used by dairy cattle. II. Victoria. Dept. Agr. J. 50:203-213. May 1952. 23 V66J

76182 HINTON, S. Calves Hereford man's cash crop. Amer. Hereford J. 43(5):776,778. July 1,1952. 43.8 Am32
Feeding the cow herd.

76183 HODGSON, R. E. Importance of legumes in dairy pastures. Holstein-Friesian World 49:1515-1517, 1579. July 19,1952. 43.8 H742

76184 INSTITUT PROFESSIONNEL DE CONTROLE ET DE RECHERCHES SCIENTIFIQUES DES INDUSTRIES DE L'ALIMENTATION ANIMALE. L'alimentation des veaux ne se concoit plus sans l'emploi d'aliments concentrés. Rev. de l'Elevage 7:246-247. Apr.1952. 49 B462

76185 JACOBSON, N. L., KAFFETZAKIS, J. G., and HOMEYER, P. G. Effect of aureomycin supplementation on changes in weight and body measurements of dairy calves. (Abs.) J. Dairy Sci. 35:493-494. June 1952. 44.8 J822

76186 JARL, F. How to feed heifers cheaply. (In Swedish.) Skand. Kreatursförsäkringsbol. Manadsbl. 30: 57,60. Apr.1952. 49.9 Sk1

76187 KASSEL, R. Die futter-milchwert-tabelle für die praxis. Ed. 7. Hiltrup bei Münster,Landwirtschaftsverlag,1951. 22 p. 389.7 K153F
Cattle feeding.

76188 KING, W. A. Fescue and ladino clover pasture for dairy cattle. (Abs.) Assoc. South. Agr. Workers. Proc. 49:71-72. 1952. 4 C82

76189 KIRK, W. G. Urea in the steer fattening rations. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 62. 1952. 4 C82

76190 KNODT, C. B., and ROSS, E. B. The value of various levels of aureomycin in milk replacements for dairy calves. (Abs.) J. Dairy Sci. 35:493. June 1952. 44.8 J822

76191 KRUKOVSKY, V. N. Antioxidant properties of milk as influenced by the type of pasture fed to the cow. (Abs.) J. Dairy Sci. 35:481. June 1952. 44.8 J822

76192 KUBLITZ, M. Über die variabilität der nährstoffe der milch bei weide- und stallfütterung. Milchwissenschaft 7:197-201. June 1952. 44.8 M5933
English summary.

76193 LARSEN, H. J., and STODDARD, G. E. Effects on ruminating calves of changing to omasal-abomasal feeding through a rumen fistula. (Abs.) J. Dairy Sci. 35:505. June 1952. 44.8 J822

76194 LARSEN, L. H. Feeding and breeding dairy cattle; methods employed in Denmark. Dan. Foreign Off. J. 5:6-11. 1952. 286.8 D22

76195 LAVEZZINI, V. Silos, milk, and dairy products. (In Italian.) Avvenire Agr. 60:111-114. May 1952. 16 Av9
Silage as feed for milk production.

76196 LUDEMANN, K. D. W. Permanent pastures are the basis of successful dairying. So. African Dairyman 13:139. May 1951. 44.8 So822

76197 LUSH, R. H., and others. Winter grazing for dairy cows—preliminary report. (Abs.) Assoc. South. Agr. Workers. Proc. 49:74. 1952. 4 C82
J. A. Ewing, E. J. Chapman, J. B. McLaren and C. E. Wylie, joint authors.

76198 MCCULLOUGH, M., SELL, O. E., and PARKER, E. M. Some factors affecting the consumption and utilization of pasture forages by dairy cows. (Abs.) Assoc. South. Agr. Workers. Proc. 49:168. 1952. 4 C82

76199 MAGWOOD, W. Trading grass for milk. Ontario Crop Impr. Assoc. Addresses & Proc. 15:67-71. 1952. 64.9 On83

76200 MAIOCCO, F. Calcium and phosphorus, elements of production and prophylaxis in dairy cattle. (In Italian.) Allevatore 8(17):3-4; (19):4. Apr.27,May 11, 1952. 49 AL55

76201 MARSHALL, S. P., ARNOLD, P. T. D., and WING, J. M. Effects of aureomycin feeding upon the performance of dairy calves. (Abs.) Assoc. South. Agr. Workers. Proc. 49:79. 1952. 4 C82
Weight gains.

76202 MATSUSHIMA, J., ADAMS, C. H., and ARTHAUD, V. H. Fattening dual-purpose steers for beef. Corn Belt Livestock Feeder 4(9):14. June 1952. 280.38 C81

76203 MILLER, G. D., FRYE, J. B., JR., and BURCH, B. J., JR. Grazing performance of crossbred and purebred heifers and bulls. (Abs.) Assoc. South. Agr. Workers. Proc. 49:76. 1952. 4 C82

76204 MORRISON, S. H., and others. Different grazing intervals on ladino clover-fescue pasture as affecting milk production and flavor of milk. (Preliminary report). (Abs.) J. Dairy Sci. 35:502. June 1952. 44.8 J822
J. J. Sheuring, R. A. Marden, and J. F. Deal, joint authors.

76205 MORRISON, S. H., and DEAL, J. F. Effect of antibiotic feed supplement and vitamin B_{12} supplement (APF) during the first two weeks of life on the well-being and growth of dairy heifers. (Abs.) Assoc. South. Agr. Workers. Proc. 49:67. 1952. 4 C82

76206 MORRISON, S. H., and DEAL, J. F. Grass silage vs. hay as the supplementary roughage for milking cows on good pasture. (Preliminary report). (Abs.) J. Dairy Sci. 35:501. June 1952. 44.8 J822

76207 MURDOCK, F. R., and others. The utilization of pear-cannery waste as a feed for dairy cows. (Abs.) J. Dairy Sci. 35:503. June 1952. 44.8 J822
A. S. Hodgson, T. H. Blosser, and A. O. Shaw, joint authors.

76208 NAZIMOV, I. N. Unused feed resources. (In Russian.) Kormovaîa Baza 3(1):21-23. Jan.1952. 60.8 K84
Chiefly on feeding malt grains to cattle.

76209 NESENI, R., GRUHN, R., and FREIMUTH, U. Das fett-eiweiss-verhältnis in der kuh- und ziegenmilch und seine bedeutung für die fütterung der milchtiere. Arch. f. Tierernähr. 2:152-165. Ref. Sept./Dec.1951. 389.78 Ar22

76210 NEWLANDER, J. A., and RIDDELL, W. H. Do dairy cattle need mineral supplements? Vt. Agr. Expt. Sta. Pam. 25,4 p. May 1952. 100 V59P

76211 OLSON, H. C., and others. "Skunkweed" flavor in cream and butter. (Abs.) J. Dairy Sci. 35:485. June 1952. 44.8 J822
R. F. Beachboard, R. E. Anderson, L. F. Edmondson, and C. Lacey, joint authors.
Caused by certain weeds in the cow's diet.

76212 PARAU, D. Sommerstallfütterung bei milchkühen. Allgäuer Bauernbl. 20:331-332. June 26,1952. 18 AL53

76213 PEARSON, A. M., and SLEETH, R. B. Sunflower seed meal as a protein supplement for fattening beef steers. (Abs.) Assoc. South. Agr. Workers. Proc. 49:63. 1952. 4 C82

76214 PERRY, T. W., and BEESON, W. M. The Purdue tests: pasture and fattening gains of steers wintered on corn cobs. Livestock Wk. 6(34):26-27,29. July 1952. 49 L753

76215 PETERSEN, W. E. Taking advantage of the architecture of the cow. (Excerpts.) Holstein-Friesian World 46:1335,1391. June 21,1952. 43.8 H742
Nutrition.
Also in Certif. Milk 27(7):8,15. July 1952. 44.8 C33

76216 POLIANSKII, V. Leading [cattle] fattening establishments. (In Russian.) Miàsnaîa Indus. SSSR. 22 (5):66-69. Sept./Oct.1951. 50.8 M58

76217 REAVES, P. M. The effect of feeding irradiated yeast on the blood calcium level of cows. (Abs.) Assoc. South. Agr. Workers. Proc. 49:68-69. 1952. 4 C82

76218 RED'KIN, A., and FILIPSON, E. Fattening [beef] cattle with potato malt grains. (In Russian.) Miàsnaîa Indus. SSSR. 22(5):70-72. Sept./Oct.1951. 50.8 M58

76219 RIGGS, J. K. Some observations on the effect of high salt intake on breeding cows. Sowest. Vet. 5:366-367. Summer 1952. 41.8 So82

76220 ROARK, D. B., and others. Milk production from pearl millet, grain sorghum and tift sudan. (Abs.) Assoc. South. Agr. Workers. Proc. 49:76-77. 1952. 4 C82
J. T. Miles, J. W. Lusk, and W. C. Cowsert, joint authors.

76221 ROBERTS, R. E. Give hard-working cows a break. Amer. Hereford J. 43(5):800,802,804. July 1,1952. 43.8 Am32
Feeding.

76222 RODÓN, J. M. Alimentación de las vacas gestantes. Cult. Mod. 35:170. May 1952. 15 C89

76223 RONNING, M., BEROUSEK, E. R., and GALLUP, W. D. The carotene requirements of Guernsey cattle for reproduction. (Abs.) Assoc. South. Agr. Workers. Proc. 49:65. 1952. 4 C82

76224 RUSOFF, L. L., and DAVIS, A. V. Antibiotic studies with dairy calves—tyrothricin and bacitracin. (Abs.) Assoc. South. Agr. Workers. Proc. 49:76. 1952. 4 C82

76225 RUSOFF, L. L., ALFORD, J. A., and HYDE, C. E. Effect of type of protein on the response of young dairy calves to aureomycin with data on the microflora of the feces. (Abs.) J. Dairy Sci. 35:493. June 1952. 44.8 J822
Growth response.

76226 SCIUMBATA, G. Artificial feeding of calves. (In Italian.) Terra e Sole 118:194-196. June 1952. 16 T273

76227 SEATH, D. M. Effect of kind of pasture and the feeding of supplements on persistency of milk production in summer. (Abs.) J. Dairy Sci. 35:502. June 1952. 44.8 J822

76228 SHEURING, J. J., and others. The flavor of milk as affected by grazing cows on ladino clover—a preliminary report. (Abs.) Assoc. South. Agr. Workers. Proc. 49:78-79. 1952. 4 C82
R. A. Marden, S. H. Morrison, and J. F. Deal joint authors.

76229 SKAGGS, S. R. The effect of vitamin supplements on carotene utilization from hay by dairy heifers. (Abs.) J. Dairy Sci. 35:492. June 1952. 44.8 J822

76230 SMITH, B. M. A. Factories in the fields. Amer. Hereford J. 43(5):233-234,908-909. July 1,1952. 43.8 Am32
Beef cattle feed relationships.

76231 SØRENSEN, H. Efficient summer feeding. (In Danish.) Dansk Landbr. 71:315-316. July 3,1952. 280.28 V91
Of dairy cattle.

76232 SOUTHWELL, B. L., and WARWICK, E. J. Factors influencing weaning weights and subsequent feedlot gains of Polled Hereford calves. (Abs.) Assoc. South. Agr. Workers. Proc. 49:56. 1952. 4 C82

76233 TARVER, D. The fat bull's diet: highly important in making a herd bull out of a show bull. Amer. Hereford J. 43(5):747,749,752,754. July 1,1952. 43.8 Am32

76234 TRAPP, H. Mineralstoff-zufütterung tut not! Unser Milchvieh 4(6):4. June 1952. 43.8 Un7
Cattle.

76235 VAN HORN, A. G., and others. Feeding value for milk production of U. S. No. 3 and sample grade Korean lespedeza hay. J. Dairy Sci. 35:559-565. June 1952. 44.8 J822
J. R. Dawson, C. H. Gordon, J. N. Maddux, L. A. Moore, W. H. Hosterman, and R. H. Lush, joint authors.

76236 WILLIAMS, J. B., and others. Alfalfa hay vs. prairie hay for dairy calves. (Abs.) J. Dairy Sci. 35: 501-502. June 1952. 44.8 J822
S. D. Musgrave, C. L. Norton, and W. D. Gallup, joint authors.

Veterinary Medicine

76237 ABELEIN, R. Extrapraeputiale behandlung der trichomonadeninfektion des bullen. Tierärztl. Umschau 7:243. July 1952. 41.8 T445

76238 AEHNELT, E. Gutachten über einen jungbullen mit aspermie nach hyperkeratose der haut. Fortpflanzung u. Besamung der Haustier 2:47-48. In Deut. Tierärztl. Wchnschr. 59(23/24). June 15,1952. 41.8 D482

76239 ALEEV, A. M. Roentgenological investigation of the act of rumination [in calves and sheep]. (In Russian.) Sovet. Zootekh. 7(2):93-95. Feb.1952. 49 So822

76240 ALLEN, R. S., and ZALETEL, J. H. Effect of dietary lipids on the polyunsaturated fatty acids in blood plasma of young dairy calves. (Abs.) J. Dairy Sci. 35:492. June 1952. 44.8 J822

76241 AMERICAN MEDICAL ASSOCIATION. COUNCIL ON FOODS AND NUTRITION. Biological effect of trichloroethylene-extracted soybean oil meal. Amer. Med. Assoc. J. 149:760-761. June 21,1952. 448.9 Am37
Effect on cattle and other animals.

76242 ANDRES, J. Zur modernen diagnose, prophylaxe und therapie der reticulitis traumatica des rindes; (Head'sche zone — elektroskopie — Magnet-Sonde). Schweiz. Arch. f. Tierheilk. 94:287-295. Ref. May 1952. 41.8 Sch9
English summary.

76243 AZIZUDDIN, I. M. Incidence of bovine mastitis—study of bacteriology, pathology and control of this disease on an all India basis. Madras Vet. Col. Annu. 10:33-36. 1951/52. 41.9 M26

76244 BADIALI, L. Experimental infection by Coxiella burnetii in cattle. (In Italian.) Zooprofilassi 7:155-158, 161-167. Apr.1952. 41.8 Z72
English summary.

76245 BALDWIN, V. L., and HERVEY, M. C. Mammary development and heart girth relationships and changes with age. (Abs.) J. Dairy Sci. 35:495. June 1952. 44.8 J822

76246 BANDY, D. M. Extra-abdominal pregnancy in a cow. Sowest. Vet. 5:451. Summer 1952. 41.8 So82

76247 BARNER, R. D., OBERST, F. H., and ATKESON, F. W. Anamnestic reaction as an aid in the differentiation of vaccinal from infection titers of brucellosis (abortus) in cows. Vet. Med. 47:323-326,348. Aug.1952. 41.8 M69

76248 BECKER, R. B., and others. Early development and function of the bovine stomach. (Abs.) J. Dairy Sci. 35:504-505. June 1952. 44.8 J822
P. T. D. Arnold, S. P. Marshall, and J. Wing, joint authors.

76249 BELL, W. B., and VELIZ, M. O. Production of enterotoxin by staphylococci recovered from the bovine mammary gland. Vet. Med. 47:321-322. Ref. Aug.1952. 41.8 M69

76250 BENNETT, S. Bovine brucellosis. Tasmanian J. Agr. 23:136-137. May 1952. 23 T182T

76251 BERGEON, P. Fréquence du parasitisme à Schistosoma spindale chez les buffles indochinois. Rev. d'Elevage et de Méd. Vét. des Pays Trop. 5:52. Apr./June 1951/1952. 41.8 R3262

76252 BERMAN, D. T., PHILLIPS, P. H., and BRANDLY, C. A. The failure of a trace mineral-supplemented ration to influence the course of bovine brucellosis. Amer. Vet. Med. Assoc. J. 121(904):46-50. July 1952. 41.8 Am3

76253 BLOM, E., and CHRISTENSEN, N. O. Eine neue vererbbare missbildung der geschlechtsorgane bei bullen (Aplasia segmentalis ductus Wolffi). Wien. Tierärztl. Monatsschr. 39:340-344. June 1952. 41.8 T345
English summary.

76254 BOLEY, L. E. Bovine anesthesia. Vet. Med. 47:267-269,279. July 1952. 41.8 M69

76255 BOSGRA, O. On the importance of bacteriological investigation of milk and udder secretions in veterinary medicine. (In Dutch.) Tijdschr. v. Diergeneesk. 77: 409-417. Ref. June 1,1952. 41.8 T431
English summary.

76256 BOTTGER, T. Das abgangsalter der Mittelweser-herdbuchkuh in den jahren 1930 bis 1949. Tierzüchter 4:312-314. June 20,1952. 49 T445

76257 BRATLIE, O. Acute mastitis. (In Norwegian.) Norsk Landbr. 18:235-236. July 4,1952. 11 N8122
Cattle.

76258 BREGANTE, M. J. L. Fréquence de l'hydatidose chez les bovins (Bos taurus) en Uruguay. Afrique Franc. Chir. 4:375-378. Oct./Dec.1951. 448.8 Af8

76259 BRICEÑO, R. Pelota de los bovinos o leucósis, linfomatósis, renguera de los bovinos o leucósis nervioso, neuro linfomatósis. Agr. Costarricense 10: 53-55. Mar.1952. 8 Ag895

76260 BRIQUET JUNIOR, R. Machine milking can facilitate the appearance of mastitis. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:133-134. Mar./Apr.1952. 9.2 R324

76261 BROOKE, C. How we got a clean herd; after 29 years, Lake County dairymen stop Bang's disease. Ill. Agr. Assoc. Rec. 30(6):4-5. June 1952. 6 IL62

76262 BRUCKNER, H. Uber die hormonelle behandlung der azetonämie des rindes. Tierärztl. Umschau 7: 221-223. Ref. July 1952. 41.8 T445

76263 BUCK, G., QUESNEL, J. J., and RAMBELOSON, L. Traitement de l'anaplasmose bovine par la combinaison gonacrine-lomidine. Rev. d'Elevage et de Méd. Vét. des Pays Trop. 5:7. Jan./Mar.1951/1952. 41.8 R3262

76264 BYERS, J. H. A dairy cattle pregnancy test. (Abs.) J. Dairy Sci. 35:499. June 1952. 44.8 J822

76265 CALDWELL, D. W. Dehorning of cattle. New Zeal. J. Agr. 84:297,299. Apr.1952. 23 N48J

76266 CHANDA, R., and OWEN, E. C. The effect of thyroxine and thiouracil on the composition of milk. 2. The carotene and vitamin A content. Biochem. J. 51:404-417. Ref. June 1952. 382 B52

76267 CILIGA, T. Contribution à la morphologie néopalléale du boeuf. (In Serbo-Croatian.) Vet. Arh. 21:185-219. Ref. July 1951. 41.8 V6416
French summary.

76268 CORREA, O. Notes on contagious mastitis of dairy cattle. (In Portuguese.) Granja [Porto Alegre] 8 (59):37-39. Feb.1952. 9.2 G76

76269 DARLOW, A. E. How big? Thinking aloud about the size situation. Amer. Hereford J. 43(5):207-208. July 1,1952. 43.8 Am32

76270 DEINSE, F. VAN. A propos de la vaccination antituberculeuse par le B.C.G., chez les bovins. Rev. de Méd Vét. [Toulouse] 103:17-32. Ref. Jan.1952. 41.8 R32

76271 DELAHANTY, D. D. Hematogenous osteomyelitis in a young calf. Amer. Vet. Med. Assoc. J. 121(904): 18-19. July 1952. 41.8 Am3

76272 DONHAM, C. R. The man in danger. Hoard's Dairyman 97:571. July 10,1952. 44.8 H65
Contact with Bang's disease.

76273 DONKER, J. D., and PETERSEN, W. E. Hormones in lactation: administration of hormones in declining phases of lactation. (Abs.) J. Dairy Sci. 35: 503-504. June 1952. 44.8 J822

76274 DONKER, J. D. The sampling of the endometrium of the bovine using a biopsy technique. (Abs.) J. Dairy Sci. 35:499. June 1952. 44.8 J822

76275 DREZANCIĆ, I., and TRSINSKI, M. La bile de boeuf provoqué-t-elle d'action laxative chez les chiens, chevaux et boeufs? (In Serbo-Croatian.) Vet. Arh. 21; 311-318. Ref. Sept.1951. 41.8 V6416
French summary.

76276 DUNCAN, C. W., HUFFMAN, C. F., and AGARWALA, I. P. Rumen synthesis of protein and amino acids in the bovine on natural and purified rations. (Abs.) J. Dairy Sci. 35:505. June 1952. 44.8 J822

76277 DWELLE, E. D. Unusual case. Sowest. Vet. 5:460. Summer 1952. 41.8 So82
Abnormality in a calf.

76278 EDWARD, D. G. FF., and FITZGERALD, W. A. A growth factor needed to isolate organisms of the pleuropneumonia group from the genital tract of cattle. Vet. Rec. 64:395. Ref. July 5,1952. 41.8 V641

76279 EDWARDS, S. J. A study of the in vitro and in vivo action of certain antibiotics. J. Compar. Path. & Ther. 62:220-236. Ref. July 1952. 41.8 J82
Against organisms associated with bovine mastitis.

76280 EHRLICH. Bekämpfung der rindertuberkulose. Landwirt. Wchnbl. f. Westfalen u. Lippe 109 A:909. June 12,1952. 18 L2346

76281 ERRECALDE, J. E. La prueba del anillo (A. B. R.) en el diagnóstico de la brucelosis bovina. Rev. de Med. Vet. [Buenos Aires] 33:180-182. July/Sept.1951. 41.8 B86

76282 EVSEEV, P. E. Conditioned reflex activity of cattle. (In Russian.) Sovet. Zootekh. 7(2):88-92. Feb. 1952. 49 So822

76283 FLUCKIGER, G. Uber die bekämpfung der rindertuberkulose in Europa und die frage der schutzimpfung. Schweiz. Arch. f. Tierheilk. 94:365-373. June 1952. 41.8 Sch9

76284 FORD, P. W. An unusual dystocia. Canad. J. Compar. Med. 16:240-241. June 1952. 41.8 C162
Cesarian section of cattle.

76285 FRAEDRICH, G., and BOLWIN, G. Superfetatio durch künstliche besamung bei einer kuh. Tierärztl. Umschau 7:247. July 1952. 41.8 T445

76286 FRAHM, H., and LEMBKE, A. Ergebnisse und probleme der brucellose-forschung. Kieler Milchwirt. Forschber. 4:215-232. Ref. 1952. 44.9 K542
English summary.

76287 FRASER, A. Some observations on post-parturient paralysis in cows. Vet. Rec. 64:400. July 5,1952. 41.8 V641

76288 GASSNER, F. M. Endocrine disorders. Norden News 27,i.e.26(8):8-9,13. (Concl.) May/June 1952. 41.8 N75
Cows.

76289 GHILARDI, B. Beitrag zur frage des verhaltens von bleimennige im pansen des rindes. Turbenthal,Buchdruckerei Turbenthal,1951. 59 p. Ref. 41.2 G34
Inaug. -Diss. - Zürich.

76290 GOERTTLER, V. Ein vorschlag zur tuberkulosebekämpfung. Monatsh. f. Vetmed. 7:212-213. June 1,1952. 41.8 M742
Cattle.

76291 GOLDSBY, A. I. Internal parasites in North Dakota cattle. N. Dak. Agr. Expt. Sta. Bimon. B. 14:203-204. May/June 1952. 100 N813B

76292 GOODALL, A. M., and YANG, S. H. Myoepithelial cells in bovine sweat glands. J. Agr. Sci. 42:159-161. Jan./Apr.1952. 10 J822

76293 GRAF, G. C. The effect of stress conditions on dairy cattle. (Abs.) J. Dairy Sci. 35:494. June 1952. 44.8 J822

76294 GRAF, H. Über aufschluss des semen arecae durch den panseninhalt in zusammenhang mit der wirkung an der pansenwand des rindes. Schweiz. Arch. f. Tierheilk. 94:316-321. Ref. May 1952. 41.8 Sch9
English summary.

76295 GRAF, H. Uber die aufnahme des scharfen hahnenfuss durch weidende rinder. Schweiz. Arch. f. Tierheilk. 94:373-386. Ref. June 1952. 41.8 Sch9
English summary.

76296 GRAHAM, E. F., and DRACY, A. E. The effects of relaxin on the cow's cervix. (Abs.) J. Dairy Sci. 35:499. June 1952. 44.8 J822

76297 GRAVERT, H. O. Unsere besten kühe sind in gefahr! Unser Milchvieh 4(5):2. May 1952. 43.8 Un7
Grass tetany.

76298 GREENOUGH, P. R. Dystocia due to schistosomus reflexus. Vet. Rec. 64:389-390. June 28,1952. 41.8 V641
In cows.

76299 HAFELE, W. Die semperkrankheit eine entwicklungsstörung des rindes im Hochschwarzwald. Tierärztl. Umschau 7:167-169. May 1952. 41.8 T445
A deficiency disease.

76300 HAMORSZKY, K. R. Verbena poisoning in dairy cows. Sowest. Vet. 5:450. Summer 1952. 41.8 So82

76301 HARRISON, C. M. When cattle die on pasture. Hoard's Dairyman 97:616-617. July 25,1952. 44.8 H65
Bloat, chemicals, and poisonous plants.

76302 HECHT, H. Beitrag zur kenntnis der formelemente von Trichomonasfoetus unter berücksichtigung der durch pH-wert, antibiotica und supronal hervorgerufenen beeinflussungen. Landwirt. Jahrb. f. Bayern 29:316-337, and 11 p. of plates. May/June 1952. 18 L24

76303 HENDERSON, W. H. A comparison of different routes of inoculation of cattle for detection of the virus of foot-and-mouth disease. J. Hyg. 50:182-194. Ref. June 1952. 449.8 J82

76304 HENRIKSSON, A. Care of hoofs. (In Swedish.) Mjölkpropagandan 29:112-114. Apr.1952. 44.8 M692
Cattle.

76305 HERRICK, J. B. Leptospirosis in cattle. No. Amer. Vet. 33:470. July 1952. 41.8 N812

76306 HILL, D. L. Experimental development of the mammary gland of the bovine. (Abs.) J. Dairy Sci. 35: 504. June 1952. 44.8 J822

76307 HIMEBAUGH, K. Torsalo in Nicaragua. Foreign Agr. 16:111-113. June 1952. 1.9 Ec7For
A parasitic affliction of cattle.

76308 HINZE, P. M. Practical diagnosis and control of mastitis in the dairy cow. Sowest. Vet. 5:387-392. Summer 1952. 41.8 So82

76309 HOFFMAN, R. D. The bovine udder. Sowest. Vet. 5:393-394. Summer 1952. 41.8 So82

76310 HÖFLIGER, H. Über drüsenaplasie in euterviertein des rindes. Schweiz. Arch. f. Tierheilk. 94:347-355. Ref. May 1952. 41.8 Sch9
English summary.

76311 HOFLUND, S. Metabolism upset in intensive cattle raising. (In Swedish.) Svensk Jordbrforsk. 1951: 193-201. 11 J763

76312 HUFFMAN, C. F. The role of the rumen in nutrition. Vet. Med. 47:263-266. July 1952. 41.8 M69
Cattle and sheep.

76313 HUGHES, T. J. Cooperative tests pay off for TB and Bang's disease. Fla. Grower 60(7):11,44. July 1952. 80 F6622
Cattle.

76314 IYENGAR, S. N. V. An outbreak of intestinal form of haemorrhagic septicaemia in bovines. Indian Vet. J. 28:459-461. May 1952. 41.8 In2

76315 JACOBSON, N. L., ZALETEL, J. H., and ALLEN, R. S. Effect of type of dietary lipid upon the blood plasma lipids of young dairy calves. (Abs.) J. Dairy Sci. 35:492-493. June 1952. 44.8 J822

76316 JILLSON, O. F., and BUCKLEY, W. R. Fungous disease in man acquired from cattle and horses (due to Trichophyton faviforme). New Eng. J. Med. 246:996-999. June 26,1952. 448.8 N442

76317 JOHANSSON, I. Cattle blood-groups. (In Swedish.) Svensk Jordbrforsk. 1951:146-154. 11 J763

76318 JOHANSSON, I., and VENGE, O. Studies on the value of various morphological characters for the diagnosis of monozygocity of cattle twins. Z. f. Tierzücht. u. Züchtbiol. 59:389-424. Ref. Dec.1951. 442.8 Z35

76319 KANAKARAJAN, V. Caesarian section in a cow. Indian Vet. J. 28:457-458. May 1952. 41.8 In2

76320 KANE, E. A., JACOBSON, W. C., and MOORE, L. A. Diurnal variation in the excretion of chromium oxide and lignin. J. Nutr. 47:263-273. June 10,1952. 389.8 J82
Observations with cattle.

76321 KANTOV, G. A. Experiment in using colostrum fat and vitamin A and D concentrates in the struggle for preservation of the young animals. (In Russian.) Sovet. Zootekh. 7(2):95-96. Feb.1952. 49 So822
Treatment of hypovitaminosis in calves.

76322 KÄSTLI, P. Wo stehen wir in der bekämpfung der tierseuchen tuberkulose, abortus Bang und gelber galt? Schweiz. Milchztg. 78:315-316. June 13,1952. 44.8 Sch92
Cattle.

76323 KIBLER, H. H., and BRODY, S. The partition of evaporative cooling between the respiratory and outer surfaces in European and Indian cattle. (Abs.) J. Dairy Sci. 35:495. June 1952. 44.8 J822

76324 KIDDER, R. W. Is butterweed [Senecio lobatus] killing 'Glades cattle? Fla. Grower 60(7):14. July 1952. 80 F6622

76325 KIDWELL, J. F., and others. Muscular hypertrophy in cattle. J. Hered. 43:63-68. Mar./Apr.1952. 442.8 Am3
E. H. Vernon, R. M. Crown, and C. B. Singletary, joint authors.

76326 KINZELBACH, W. Schlechtgeformte euter und zitzen erschweren die melkarbeit und vermindern den milchertrag. Württemb. Wchnbl. f. Landwirt. 119: 542-543. June 14,1952. 18 W96

76327 KLEIBER, M., and others. Acetate as a precursor of milk constituents in the intact dairy cow. J. Biol. Chem. 197:371-379. Ref. July 1952. 381 J824
A. H. Smith, A. L. Black, M. A. Brown, and B. M. Tolbert, joint authors.

76328 KÜHLE. Verhütung und bekämpfung der trommelsucht. Unser Milchvieh 4(5):4. May 1952. 43.8 Un7

76329 KUIKEN, J. R., HILL, D. L., and LUNDQUIST, N. S. Histological evidence of a hyalin-fibrin complex in the bovine mammary gland. (Abs.) J. Dairy Sci. 35:496. June 1952. 44.8 J822

76330 KULKARNI, H. V. An undiagnosed disease among cattle and buffaloes of the North Kanara District. Indian Vet. J. 28:417-423. May 1952. 41.8 In2
Hemorrhagic septicemia symptoms noted.

76331 LACOUR. Le phtalylsulfathiazole, sulfamide de choix, dans le traitement des infections intestinales des jeunes animaux. Rev. de Méd. Vét. [Toulouse] 103:33-36. Jan.1952. 41.8 R32
Calves.

76332 LAGERLÖF, N. Methods for the control of udder inflammation in U.S.A. (In Swedish.) Svensk Jordbrforsk. 1951:183-192. 11 J763

76333 LEEMANN, W. Der renale zwergwuchs. Schweiz. Arch. f. Tierheilk. 94:322-328. Ref. May 1952. 41.8 Sch9
English summary.
Cattle.

76334 LONG, J. F., and others. The effect of thyroprotein feeding on the level of the protein-bound and inorganic serum iodine in the bovine. (Abs.) J. Dairy Sci. 35:503. June 1952. 44.8 J822
L. O. Gilmore, J. W. Hibbs, and F. Ely, joint authors.

76335 LONG, R. A., and others. Blood composition of normal beef cattle. Okla. Agr. Expt. Sta. Tech. B. T-43,16 p. Apr.1952. 100 Ok4
W. A. VanArsdell, R. MacVicar, and O. B. Ross, joint authors.

76336 LOPEZ ARANGUREN, J. La timpanitis: enfermedad de los bovinos. Mundo Agr. 4(37):68. June 1952. 9 M92

76337 MCADA, W. E. Possible vetch poisoning in a cow. Sowest. Vet. 5:451. Summer 1952. 41.8 So82

76338 MCFARLANE, D. F. Sulphur poisoning in cattle. Vet. Rec. 64:345-347. June 7,1952. 41.8 V641

76339 MCGILLIARD, A. D., and others. The influence of aureomycin and cud inoculation on the growth of dairy calves. (Abs.) J. Dairy Sci. 35:493. June 1952. 44.8 J822
M. Ronning, E. R. Berousek, and C. L. Norton, joint authors.

76340 MACKEY, D. R. Acute pulmonary emphysema in cattle. Sowest. Vet. 5:342-344. Summer 1952. 41.8 So82

76341 MCLEOD, W. M. The bovine stomach. Sowest. Vet. 5:408-410. Summer 1952. 41.8 So82

76342 MANNA, S. N. 'Sulphamezathine' in the treatment of haemorrhagic septicaemia in cattle. Indian Vet. J. 28:458. May 1952. 41.8 In2

76343 MARCQUE, M. Essai de traitement de la péripneumonie bovine par association "sulfones-sulfamides." Rev. d'Elevage et de Méd. Vét. des Pays Trop. 5:51. Apr./June 1951/1952. 41.8 R3262

76344 MARTIN, J. G. Bacitracin in the treatment of shipping fever in cattle. Amer. Vet. Med. Assoc. J. 121 (904):38. July 1952. 41.8 Am3

76345 MAZEL. Tuberculine et dermo-réactions secondes retardées. Rev. de Méd. Vét. [Toulouse] 102:629-631. Nov.1951. 41.8 R32
Cattle.

76346 MEITES, J., REINEKE, E. P., and CAIRY, C. F. Induction of lactation in dairy cattle by diethylstilbestrol-progesterone implants. (Abs.) J. Dairy Sci. 35:504. June 1952. 44.8 J822

76347 MERILAN, C. P., and HERMAN, H. A. A study of some causative mechanisms in bovine streptococcal mastitis. (Abs.) J. Dairy Sci. 35:496. June 1952. 44.8 J822

76348 MERRIMAN, G. M. Emergency rumenotomy. No. Amer. Vet. 33:471-473. July 1952. 41.8 N812
Operation "hardware" on a cow.

76349 MILLER, W. J., and ALLEN, N. N. The effects of sodium acetate given orally upon cows with ketosis. (Abs.) J. Dairy Sci. 35:497. June 1952. 44.8 J822

76350 MIX, L. S., PETERSEN, W. E., and STRUSS, H. E. The utilization of carboxyl labelled C^{14} acetate by the perfused bovine mammary gland. (Abs.) J. Dairy Sci. 35:504. June 1952. 44.8 J822

76351 MIXNER, J. P., and SAUNDERS, H. L., JR. Chromatographic separation of the neutral steroids of cows' urine. (Abs.) J. Dairy Sci. 35:500. June 1952. 44.8 J822

76352 MIXNER, J. P., and SAUNDERS, H. L., JR. Comparison of neutral steroids from cows' urine after various hydrolytic procedures. (Abs.) J. Dairy Sci. 35: 500. June 1952. 44.8 J822

76353 MOODY, E. G., HAUGE, S. M., and LUNDQUIST, N. S. Effect of ration upon riboflavin levels in calf tissues. (Abs.) J. Dairy Sci. 35:492. June 1952. 44.8 J822

76354 MÜLLER, E. Das kalbefieber (gebärparese). Landwirtschaft 11/14:199-200. June/July 1952. 19 L235

76355 MULLINS, J. C. Vaginal lipoma in a cow. Sowest. Vet. 5:453-454. Summer 1952. 41.8 So82

76356 NARASIMHAM, C. V. A freak of nature. Indian Vet. J. 28:462-463. May 1952. 41.8 In2
Calf abnormality.

76357 NOMLAND, R., and MCKEE, A. P. Milkers' nodules, report of ten cases. A. M. A. Arch. Dermat. & Syph. 65:663-674. Ref. June 1952. 448.8 Ar242
From milking cows infected with natural cowpox.
Includes discussion.

76358 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Blackleg disease of cattle. North. Ireland. Min. Agr. L. 41,2 p. Apr.1952. 10 N81

76359 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Contagious abortion in cattle. North. Ireland. Min. Agr. L. 13,8 p. Mar.1952. 10 N81

76360 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. "Redwater" disease in cattle. North. Ireland.Min. Agr. L. 92,2 p. Apr.1952. 10 N81

76361 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Tuberculosis (Attested Herds) Scheme. North. Ireland. Min. Agr. Mon. Agr. Rpt. 27:47-49. June 1952. 256.13 Ag82M

76362 PATEL, B. M., and ALLEN, N. N. Some chemical and nutritional properties of the rumen contents of dairy cows. (Abs.) J. Dairy Sci. 35:505-506. June 1952. 44.8 J822

76363 PAYNE, L. C. Rumen bacteriology and physiology. Sowest. Vet. 5:403-407. Summer 1952. 41.8 So82
Cattle.

76364 PEIXOTO, W. The incidence of bovine tuberculosis in Rio Grande do Sul. (In Portuguese.) Rio Grande do Sul. Dir. da Prod. Anim. B. 8(12):45-49. Feb.1952. 49.9 R47

76365 PENNINGS, A. W. Problems in beef cattle practice. Sowest. Vet. 5:350-352. Summer 1952. 41.8 So82

76366 PETERSON, D. C. Cesarean section in a cow. Sowest. Vet. 5:456-457. Summer 1952. 41.8 So82

76367 PETRELIUS, T. Lungworm disease of cattle in Sweden. (In Swedish.) Svensk Jordbrforsk. 1951:208-211. 11 J763

76368 PIERCY, S. E. Studies in bovine malignant catarrh. II. Brit. Vet. J. 108:214-220. June 1952. 41.8 V643

76369 PIPER, G. A. Use of sodium acetate in acetonemia. Vet. Med. 47:303-304. July 1952. 41.8 M69

76370 PORTER, R. M. The role of plasma cells in the production of globulins within the mammary gland and time studies on antibody response from experimentally induced inflammation of the udder. (Abs.) J. Dairy Sci. 35:496. June 1952. 44.8 J822

76371 PRITCHARD, W. R., REHFELD, C. E., and SAUTTER, J. H. Aplastic anemia of cattle associated with ingestion of trichloroethylene-extracted soybean oil meal (stockman disease. Duren disease, Brabant disease). I-II. Amer. Vet. Med. Assoc. J. 121:1-9,73-79. July-Aug.1952. 41.8 Am3

76372 PRUNIER. Une thérapeutique nouvelle dans la lutte contre la péripneumonie bovine. Rev. de Path. Compar. 52:83-87. Feb.1952. 448.8 R326

76373 PUSCH, J. Zur gewährleistung von Tb-freiheit beim rindviehkauf. Kontrollangestellte, p.1-2. In Unser Milchvieh 4(5). May 1952. 43.8 Un7

76374 REDMOND, H. E. Tie cutting technic. Sowest. Vet. 5:433-434. Summer 1952. 41.8 So82
Photographs.
Cattle.

76375 RICHARDSON, R. N. Ventral hernia in a bull calf. Sowest. Vet. 5:452. Summer 1952. 41.8 So82

76376 RICHOU, R., and others. Sur la présence simultanée des antitoxines staphylococciques α et β d'origine naturelle dans le sérum des Bovidés. Rev. de Path. Compar. 53:231-240. Mar.1952. 448.8 R326
J. Jacquet, P. Julienne, and C. Gerbeaux, joint authors.
English summary.

76377 RIZZO, J. A. Metritis séptica y piometra en vacas Holando-Argentinas. Rev. de Med. Vet. [Buenos Aires] 33:184-195. July/Sept.1951. 41.8 B86

76378 ROSSI, P. Brucellose bovine—son dépistage par le lait, en particulier par l'abortus-Bang ringprobe ou ring-test. Rev. de Path. Compar. 52:318-322. Apr.1952. 448.8 R326
English summary.

76379 SACQUET, E., and TROQUEREAU, P. Essai de vaccination contre la peste bovine au moyen du virus capri-pestique dans le Nord-Est du Tchad. Rev. d'Elevage et de Méd. Vét. des Pays Trop. 5:45-50. Ref. Apr./June 1951/1952. 41.8 R3262

76380 ST-PIERRE, L. N. Les symptômes des chaleurs. Digeste de l'Eleveur 6(8):25-26. Apr.1952. 49 D56
Cattle.

76381 SAMPSON, J. Evaluation of some concepts of bovine ketosis (acetonemia). Amer. Vet. Med. Assoc. J. 121(904):25-29. Ref. July 1952. 41.8 Am3

76382 SAUNDERS, J. R., and BENSON, W. R. Suturing internal inguinal ring to correct inguinal or scrotal hernia of the bull. Sowest. Vet. 5:353-355. Summer 1952. 41.8 So82

76383 SCHIPPER, I. A. Mastitis therapy. No. Amer. Vet. 33:474-475. July 1952. 41.8 N812
Dairy cattle.

76384 SCHREIBER, J. Die herzklappenbewegungen des rindes im film; (zur vorführung eines lehrfilmes in der Gesellschaft der Tierärzte in Wien am 17. Jänner 1952). Wien. Tierärztl. Monatsschr. 39:331-340. June 1952. 41.8 T345
English summary.

76385 SHAW, J. C., and others. Pituitary-adrenal cortical syndrome in ketosis of dairy cows as evidenced by the adrenaline test, eosinophil levels, and replacement therapy. (Abs.) J. Dairy Sci. 35:497-498. June 1952. 44.8 J822
B. C. Hatziolos, E. C. Leffel, W. M. Gill, and A. C. Chung, joint authors.

76386 SIGNOL, J. Cancers du thymus, chez les bovins. Rev. de Méd. Vét. [Toulouse] 102:667-671. Dec. 1951. 41.8 R32

76387 SINHA, S. K. Urolithiasis in bovines in Bihar. Indian Vet. J. 28:453-457. May 1952. 41.8 In2

76388 SIPPEL, W. L. Bracken fern [Pteridium aquilinum] poisoning. Amer. Vet. Med. Assoc. J. 121(904):9-13. Ref. July 1952. 41.8 Am3
Cattle.

76389 SJOLLEMA, B. On the intake of dairy cows of minerals and nitrogen on farms on which tetany occurs frequently and an explanation of the effect of an infusion of calcium- and magnesium chloride in paresis puerperalis and tetany of dairy cows. (In Dutch.) Tijdschr. v. Diergeneesk. 77:451-461. Ref. June 15,1952. 41.8 T431
English summary.

76390 SMITH, M. L. Y., HATZIOLOS, B. C., and KUMAR, S. Histological and chemical studies of fat metabolism in the mammary glands of cows and goats. (Abs.) J. Dairy Sci. 35:496-497. June 1952. 44.8 J822

76391 SPESSA, F. Dystocia a relatively large bovine fetus in a normal position. (In Italian.) Prog. Vet. 7:388, 390. June 1,1952. 41.8 P942

76392 SRINIVASAN, P. "Abnormal vena hemiazygos" (in the ox). Indian Vet. J. 28:429-433. May 1952. 41.8 In2

76393 STEVENSON, A. H. Enucleation of the eye in a Hereford cow. Sowest. Vet. 5:455-456. Summer 1952. 41.8 So82

76394 STEWART, J., MCCALLUM, J. W., and WATTS, P. S. Studies on vitamins A and C in bovines: the seasonal variation in the vitamin A reserves of cows. J. Compar. Path. & Ther. 62:237-243. Ref. July 1952. 41.8 J82

76395 SUAREZ NELSON, M. Mal de los avenales (hipocalcemia). Chacra 22(260):16-17. July 1952. 9 C34
Cattle.

76396 SUAREZ NELSON, M. La mancha de los terneros. Chacra 22(259):18,66. June 1952. 9 C34

76397 SUURBALLE, A. Tuberculosis and contagious abortion; results of Danish cattle campaigns. Dan. Foreign Off. J. 5:12-17. 1952. 286.8 D22

76398 TAYLOR, E. L. Husk in adult cattle. Gt. Brit. Min. Agr. Agriculture 59:109-112. June 1952. 10 G79J

76399 TERRELL, R. T. Suspected white muscle disease in a cow. Sowest. Vet. 5:454. Summer 1952. 41.8 So82

76400 THOELE, H. W., and HERVEY, M. C. Growth uniformity trials with identical twin dairy heifers—estimates of heritability and twin efficiency. (Abs.) J. Dairy Sci. 35:494-495. June 1952. 44.8 J822

76401 THORDAL-CHRISTENSEN, A. A case of generalized avian tuberculosis in a cow excreting avian tubercle bacilli in the milk. (In Danish.) Nord. Vetmed. 4:577-587. Ref. June 1952. 41.8 N813
English summary.

76402 TILGNER. Einwandfreie milch nur aus gesunden eutern. Milcherzeugung 20(5):1-2. May 1952. 44.8 M5936

76403 TISDALE, J. W. Triplet calves. No. Amer. Vet. 33:473. July 1952. 41.8 N812

76404 TORRES RONCEROS, J. Tricomoniasis genital bovina. Holstein Colomb. 6(40):28-30. (Cont.) Mar.1952 43.8 H744

76405 TOUCHBERRY, R. W., and TABLER, K. A. A study of the birth weights of purebred and crossbred calves. (Abs.) J. Dairy Sci. 35:498. June 1952. 44.8 J822

76406 ULSEN, F. W. VAN. Causes of infectious abortion in cattle. (In Dutch.) Tijdschr. v. Diergeneesk. 77:423-427. June 1,1952. 41.8 T431

76407 UNSWORTH, K., and BIRKETT, J. D. The use of antrycide pro-salt in protecting cattle against trypanosomiasis when in transit through tsetse areas. Vet. Rec. 64:351-353. June 14,1952. 41.8 V641

76408 VAN DRIMMELEN, G. C. The diagnosis of brucellosis by means of the brucella ring test. Farming So. Africa 26:171. May 1951. 24 So842
In cattle.

76409 VAN SOEST, P. J., and others. Blood levels and urinary excretion of certain constituents in ketatic cows. (Abs.) J. Dairy Sci. 35:497. June 1952. 44.8 J822
T. H. Blosser, G. M. Ward, J. B. Crilly, and M. F. Adams, joint authors.

76410 VERON, H. A. Black leg in cattle. Wilcox Mofflin Q. 6(3):60-62. Oct.1951. 23 W64

76411 VILLENEUVE, P. Nouveaux aspects d'un vieux problème. B. des Agr. 34,i.e.48(4):118-119. Apr. 1952. 7 B872
Mastitis in cattle.

76412 WEETH, H. W., and HERMAN, H. A. The intracrypt space in the placentome of the cow. (Abs.) J. Dairy Sci. 35:499. June 1952. 44.8 J822

76413 WEISS, K., and HOLZ, J. Die epidemiologie, feststellung und bekämpfung der trichomonadenseuche der rinder. Fortpflanzung u. Besamung der Haustier 2: 41-44. (Cont.) In Deut. Tierärztl. Wchnschr. 59(23/24). June 15,1952. 41.8 D482

76414 WHEAT, J. D., and RIGGS, J. K. Length of the gestation period in beef cattle. J. Hered. 43:99-100. Mar./Apr.1952. 442.8 Am3

76415 WIESNER, E. Ein fall von cheilognathopalatoschisis media beim kalbe. Monatsh. f. Vetmed 7:216-217. June 1,1952. 41.8 M742

76416 YANG, S. H. Histochemical studies on bovine sweat glands. J. Agr. Sci. 42:155-158. Ref. Jan./Apr. 1952. 10 J822

76417 YEKUTIELI, N. Preparing the cow for calving time. (In Hebrew.) Hassadeh 32:245-246. Feb.1952. 26 H27

Miscellaneous

76418 ALBL, A. Etwas über die rinderhaltung in den USA. Kärntner Bauer 102:338-340. May 31,1952. 19 K14

76419 ARMSTRONG, J. T. Grade herd recording; annual report, 1950-51. Tasmanian J. Agr. 23:138-150. May 1952. 23 T182T

76420 BAYLEY, N. D., and HEIZER, E. E. Herd data measures of the effect of certain environmental influences on dairy cattle production. J. Dairy Sci. 35: 540-549. Ref. June 1952. 44.8 J822

76421 BECKER. Stand und ergebnisse der milchleistungsprüfungen in Westfalen-Lippe. Kontrollangestellte, p.1-2. In Unser Milchvieh 4(6). June 1952. 43.8 Un7

76422 BERRY, J. Toward a 95 percent calf crop. Amer. Hereford J. 43(5):812,814. July 1,1952. 43.8 Am32
Cow care.

76423 BRANDRUP, J. Sale catalogs are important. Aberdeen-Angus J. 34:62,238-240,242. Aug.1952. 43.8 Ab3

76424 BROOKES, A. J. Rearing cattle for beef. Yorkshire Agr. Soc. J. 103:32-41. 1952. 10 Y7

76425 BRUCHARD, M. DE. Les productions agricoles de 1951; situation de nos élevages bovin et ovin. Acad. d'Agr. de France. Compt. Rend. 39:312-320. Apr.30/May 7,1952. 14 P215Bc
Includes discussion.

76426 BRUNOVSKII, V. KH. Pobeda Collective Farm [in Presnovskii District Severo-Kazakhstan Region] is raising calves successfully in unheated quarters. (In Russian.) Sotsialist. Zhivotnovod. 14(1):82-83. Jan.1952. 49 So71

76427 BURROW, H. The production and distribution of milk: possibilities for the future. Roy. Sanit. Inst. J. 72:367-374. July 1952. 449.9 R812
Includes discussion.

76428 CANGIULLI, A. Raising dairy cattle; factors which influence the quantity and quality of milk. (In Italian.) Allevatore 8(17):5. (Cont.) Apr.27,1952. 49 AL55

76429 CARPENTER, M. Cows need intelligent handling. Amer. Hereford J. 43(5):778,787-788. July 1,1952. 43.8 Am32

76430 COBBLE, J. W., and HERMAN, H. A. The influence of environmental temperatures on the composition of milk of the dairy cow. Mo. Agr. Expt. Sta. Res. B. 485,50 p. Ref. Nov.1951. 100 M693

76431 COVINGTON, J. L., and others. Factors influencing the production of high quality milk. (Abs.) J. Dairy Sci. 35:494. June 1952. 44.8 J822
W. L. Griebeler, J. B. Rodgers, I. R. Jones, P. M. Brant, and L. W. Bonnicksen, joint authors.

76432 CRAGHEAD, E. R. Right start in life is an essential. Amer. Hereford J. 43(5):798,800. July 1,1952. 43.8 Am32

76433 CULLISON, A. E. The Georgia story: for [beef] cattle, the best is ahead. South. Livestock J. 12:25-28,68-71,76. July 1952. 43.8 F66A
From "Georgia Review".

76434 DARSSON, L. The system of milk control in Sweden. (In Italian.) Allevatore 8(18):6. May 4,1952. 49 AL55

76435 EASTON, G. S. Hill cattle on the Borders. Scot. Agr. 32:6-9. Summer 1952. 10 Sco82So
Care and breeds.

76436 FERRELL, G. Quality plus care build profit. Amer. Hereford J. 43(5):772,774. July 1,1952. 43.8 Am32

76437 FINLEY, J. J. The glamour of the cattle rustler. Ariz. Cattlelog 7(7):48-49. Mar.1952. 43.8 Ar42

76438 GANNON, E. A., and RALSTON, J. C. Junior dairy showmanship contests. Purdue U. Agr. Ext. L. 343,8 p. May 1952. 275.29 In2L
4-H Club shows.

76439 GARDNER, K. E. What causes a herd's fat test to vary. Ill. Agr. Col. Ext. D634,4 p. May 15,1952. 275.29 IL62Pda

76440 GARRIGUS, W. P. The Kentucky Cow and Calf Plan. Ky. Agr. Col. Ext. C. 494,16 p. Apr.1952. 275.29 K415

76441 GAZTAMBIDE ARRILLAGA, C. Como producir mas leche en otoño e invierno. P. R. Agr. Col. Ext. C. 24,7 p. Apr.1952. 275.29 P96Ci

76442 GMELIN. Der berufswettkampf im melken. Bad. Landwirt. Wchnbl. 119:396-397. June 7,1952. 18 B142

76443 GOGOLEV, G. M. Increasing milk productivity of cows in Yakutia. (In Russian.) Sotsialist. Zhivotnovod. 14(1):81-82. Jan.1952. 49 So71

76444 GOODHUE, J. The role of cattle on horse farms; beef animals aid horse program through fuller pasture utilization & in other ways. Blood-Horse 64:96-97. July 12,1952. 42.8 T392

76445 HANSEN, E. N. If cows could talk. Your Farm 11(7):91-94. July 1952. 6 Y8
Chiefly care.

76446 HARMSEN, I. W. L. Cattle in East Zealand-Flanders. (In Dutch.) Zeeuwsch Landbbl. 40(2127):5-6. June 21,1952. 12 Z2

76447 HEDRICK, F. W. Good cows well cared for win. Amer. Hereford J. 43(5):796,798. July 1,1952. 43.8 Am32

76448 HICKS, O. C. Cow herd an all-year concern. Amer. Hereford J. 43(5):767-768. July 1,1952. 43.8 Am32
Care and feeding.

76449 HORN, P. W. Where is the real middle of the road, and does it concern type and performance? Amer. Hereford J. 43(5):206-208,210-211,942. July 1,1952. 43.8 Am32
Weight.

76450 HUSTON, E. It's no job for a clock watcher. Amer. Hereford J. 43(5):804,806,808. July 1,1952. 43.8 Am32
Care of beef cows.

76451 ISI, G. B. Provincial Livestock Raisers Association; courses in milking and livestock instruction. (In Italian.) Avvenire Agr. 60:117-118. May 1952. 16 Av9

76452 KATO, H., and MITAMURA, K. Nyugyu (hanshoku to kanri) [The milk cow (propagation and control)]. Rakuno Gijutsu Sosho 3,259 p. 1951. 44.8 R133

76453 KING, G. H., JR. Care averts "passed dividends." Amer. Hereford J. 43(5):808,810,812. July 1, 1952. 43.8 Am32

76454 KOGER, M. Production records are important. Fla. Cattleman 16(10):61-63. July 1952. 43.8 F66
Beef cattle.

76455 KÖPPE. Leistungsfähigkeit der Ostfriesischen rinderrasse. Melkmaschinendienst, p. 2. In Unser Milchvieh 4(5): May 1952. 43.8 Un7

76456 LEGGE, T. Home reared for quality. Farmers Wk. [London] 37(2):55. July 11,1952. 10 F2226
Beef cattle.

76457 LOSCHTSCHENOWA, K. Meine erfahrungen beim melken von kühen. Mitschurin-Feld 3:188-190. 1951. 18 M694

76458 LUCE, P. W. Where cattle have gone really wild. Family Herald & Wk. Star 83(22):5,15. May 29, 1952. 7 F21
In Canada's Queen Charlotte Islands.

76459 MACEWAN, G. Early years of Western dairying. Holstein-Friesian J. 15(4):15-16,49. July 1952. 43.8 H743
Canada.

76460 MAJOR, R. L. How much self-sufficiency on dairy farms? Guernsey Breeders' J. [London] (n.s.)6(2): 43-45. Summer 1952. 43.8 G932

76461 MITA, M. Korekara no rakuno [Dairy-farming of the future]. Tokyo,Nogyo Hotensha,1952. 294 p. 44 M694

76462 MONAHAN, E., HOUCK, L. R., and SUNDGREN, G. Wintering the cow herd. West. Live Stock 37(11):45, 148,151. June 1952. 49 W523

76463 MORALES, R. Tipos de ganado lechero. Campo [Sevilla] 11(119):39-40. Feb.1952. 15 C15
Spain.

76464 NEAL, E. M., HALL, R. A., and JONES, J. H. Year-round farm beef production, Beeville Station,1950-51. Tex. Agr. Expt. Sta. Prog. Rpt. 1463,4 p. May 23, 1952. 100 T31P

76465 NEWELL, P. F., and GRISSOM, E. E. Fitting [beef] cattle for show and sale. Shorthorn World 37(8):7, 48-49. July 25,1952. 43.8 Sh8

76466 NEWELL, P. F. Land—key to beef production. 1. Livestock Wk. 6(34):24-25,86-87. July 1952. 49 L753
Management.

76467 NEWELL, P. F. Many things to think of in managing a beef herd. Breeder-Stockman 14(2):7-8. July 1952. 49 V81

76468 ODLAND, R. Extra attention due cow herd. Amer. Hereford J. 43(5):818. July 1,1952. 43.8 Am32

76469 PENDERS, J. El ganado en la alquería holandesa. Tierra [México] 7:288-289. May 1952. 8 T445
Cattle raising.

76470 PETUTSCHNIGG. Ergebnisse—zum nachdenken! Kärntner Bauer 102:281. May 3,1952. 19 K14
Cattle records.

76471 RAKO, A., and MARINIC, I. Einfluss des lichtes auf die milchleistung bei kühen. Z. f. Tierzücht. u. Züchtbiol. 60:88-99. Ref. Mar.1952. 442.8 Z35

76472 RALSTON PURINA CO. How to build champions the Purina way. St. Louis,1951? 8 p. 43 R134H
Steers.

76473 RALSTON PURINA CO. How to select champions the Purina way: heifers. St. Louis,1951. 8 p. 43 R134

76474 RAO, C. K. Our cattle problem. Madras Vet. Col. Annu. 10:23-32. 1951/52. 41.9 M26
Includes improvement of milk production.

76475 RICHARDS, K. L. Butter-fat deficiency in milk in relation to the management of newly born calves. Countryman [Nicosia] 6(3):18-19. Mar.1952. 25 C83

76476 RODRIGUEZ, B. Impresiones de un viaje por Holanda. Ganadería [Madrid] 10:51-53. Feb.1952. 49 G15
Dairy cattle.

76477 ROSTOVTSEV, N. F. Effect of raising calves in unheated quarters on developing high productivity [of milk and meat] in them. (In Russian.) Sovet. Zootekh. 7(2):70-79. Feb.1952. 49 So822

76478 SAUGER, R. Étude de la méthode Fleischmann pour le calcul du rendement laitier-beurrier. B. du HBN (n.s.)11:5-10. Feb.1952. 43.8 R11

76479 SCHAETZ, F. Stellungnahme zum problem des zungenspielens bei rindern. Tierärztl. Umschau 7: 246-247. July 1952. 41.8 T445

76480 SCHLIESSLEDER, R. Warum milchleistungsprüfung? Bauer 5(8):3-5. Feb.23,1952. 19 B32
Austria.

76481 SCOTT, W. Pounds of beef the ultimate goal. Amer. Hereford J. 43(5):816,818. July 1,1952. 43.8 Am32
Cow care.

76482 SCOTTISH MILK RECORDS ASSOCIATION. Report on milk records for season 1949. Ayr,1951. 1115 p. 43.9 Sco3

76483 SEARLES, H. R. The National Dairy Cattle Congress. Brown Swiss B. 31:11-12,102. July 1952. 43.8 B81
History.

76484 SEYMOUR, E. Individual attention pays well. Amer. Hereford J. 43(5):768,770,772. July 1,1952. 43.8 Am32
Care of beef cows.

76485 SHONKWILER, O., and RUPP, R. G. Heifers picked for breedings; profit and loss feeding point the way to a new turn for 4-H. Farmer [St. Paul] Gen. Ed. 70(13):1,16-17,19. July 5,1952. 6 F2211

76486 SHUTOVA, F. IA. My practice in milking cows. (In Russian.) Sotsialist. Zhivotnovod. 14(1):53-57. Jan. 1952. 49 So71

76487 SILLCOCK, K. M. Dairy farm management; results of 1951 competition. Victoria. Dept. Agr. J. 50:97-104,140-152,187-190. Mar.-Apr.1952. 23 V66J

76488 SMITH, C. S. Seeing for ourselves. 2-5. Farmers Wk. [London] 36(25):54-56; 37(1):69,71,73; (2):57. June 20, July 4-11, 1952. 10 F2226
Dairy farming in Holland.

76489 SMITH, G. A. More beef from the Kimberleys. West. Austral. Dept. Agr. J. (ser.3)1:121-125. (Cont.) Mar./Apr.1952. 23 W52J

76490 SMITH, J. G. Texas 4-H'ers, FFA members learn by doing. West. Live Stock 37(11):105,107. June 1952. 49 W523

76491 STEWART, R. D. Presenting Guernseys through public exhibitions. Guernsey Breeders' J. [Peterborough] 85:797-821,839. July 15,1952. 43.8 G93

76492 STONE, F. C. Around the southwest cattle studs. Westralian Farmers Co-op Gaz. 22:237,241-244. Apr.1952. 280.28 W522

76493 STUART, W. R. Cattle in the Kansas City flood. Vet. Med. 47:302-303. July 1952. 41.8 M69

76494 SUNDGREN, G. Proper handling pays dividends. Amer. Hereford J. 43(5):793-794,796. July 1, 1952. 43.8 Am32
Beef cows.

76495 TORRENS PASTOR, A. El control lechero. Balearic Isl. Diputación Prov. B. de Agr. 91:10-11. Apr.1952. 15 B19

76496 TUCKER, D. Cow country down South. Amer. Hereford J. 43(5):164-195. July 1,1952. 43.8 Am32
Photographs.

76497 TUCKER, D. How an expert shows a winner. Amer. Hereford J. 43(5):639-644. July 1,1952. 43.8 Am32
Photographs.

76498 TURK, K. L. Keep your cows producing this summer. Dairymen's League News 36(14):6. July 8, 1952. 44.8 D1432
Care.

76499 VERESENKO, K. I., and BIRIUKOVA, E. S. Experiment in milking cows [at Kievskaia Nauchno-Issledovatel'skaia Stantsiia Zhivotnovodstva]. (In Russian.) Sotsialist. Zhivotnovod. 13(12):34-38. Dec.1951. 49 So71

76500 VEST, G. Grooming is important! Aberdeen-Angus J. 34:68-69,276,278. Aug.1952. 43.8 Ab3

76501 WARD, A. L. Cattle and cotton—a winning team in the South. Gulf Coast Cattleman 18(5):5-6,8. July 1952. 43.8 G95

76502 WATT, I. G. Replacements for town supply dairy herds. New Zeal. J. Agr. 84:305-307. Apr.1952. 23 N48J

76503 WIGET, E. Results of experiments with dairy cattle that lived outside last winter. (In Norwegian.) Produsenten 20(6):11. June 1952. 11 P94

76504 WINSTON, H. In the cow herd select by observation, heritable factors. West. Live Stock 37(11):50,138. June 1952. 49 W523

76505 YAMAI, E. Wagyu to sono kaikata [How to raise Japanese cows]. Tokyo,Chikyu Shuppansha,1951. 300 p. 43 Y13

76506 ZAYAS, C., JR. De la escaséz de la leche y su posible solución. Rev. Ganad.[Habana] 12(5):16-18. May 1952. 49 R321
Cuban dairy cattle industry.

DOGS AND CATS

Breeds and Breeding

76507 AUBRY-DUSOULIER, J. Le Berger Belge. Chasse, Chiens et Vénerie (n.s.)13(3):19-20. Apr.1952. 48.8 C43

76508 LOVERING, F. W. Dalmatian in high favor as farm dog. Fla. Grower 60(7):12,41. July 1952. 80 F6622

76509 PULLIG, T. Inheritance of a skull defect in Cocker Spaniels. J. Hered. 43:97-99. Mar./Apr.1952. 442.8 Am3

76510 SEITZ, P. Dog breeder's reply. Amer. Kennel Gaz. 69(7):21,153-154. July 1952. 48.8 Am3
The commercial breeder.

76511 SMITH, A. C. Non-sporting and pet dogs, being a section of Dogs since 1900. London,Dakers,1951. 225-332 p. 48 Sm52N
Breeds.

76512 SMITH, A. C. Terriers, being a section of Dogs since 1900. London,Dakers,1951. 161-224 p. 48 Sm52T

76513 STEFFENS, H. Gedanker über hunde-zuchtfragen. Deut. Kleintier-Zuchter 7(11):3. June 5,1952. 49 D483

76514 SUSINI-HOLDEN. Les bichons. Chasse, Chiens et Vénerie (n.s.)13(3):29. (Cont.) Apr.1952. 48.8 C43
Maltese and other Toys.

76515 UNITED KENNEL CLUB. U.K.C. Coonhound standards. Bloodlines 35(3):19-22. May/June 1952. 48.8 B62

Veterinary Medicine

76516 AKKER, S. VAN DEN. A fungus infection (Cephalosporium potronii) in the cavity of the mouth of a cat. (In Dutch.) Tijdschr. v. Diergeneesk. 77:515-516. July 1,1952. 41.8 T431
English summary.

76517 AKKER, S. VAN DEN. "Hard pad disease." (In Dutch.) Tijdschr. v. Diergeneesk. 77:511-514. July 1952. 41.8 T431
English summary.

76518 AKUN, R. S. Nokardiose bei zwei katzen in der Türkei. Deut. Tierarztl. Wchnschr. 59:202-204. July 1,1952. 41.8 D482

76519 ALEXANDER, W. F. Tetanus in a dog. Sowest. Vet. 5:457. Summer 1952. 41.8 So82

76520 ALLCOCK, J., and PENHALE, B. M. Rupture of the uterus in the bitch. Vet. Rec. 64:357-358. June 14, 1952. 41.8 V641

76521 AMMANN, K. Erfahrungen mit der osteosynthese bei den gliedmassenfrakturen des hundes. Schweiz. Arch. f. Tierheilk. 94:307-315. Ref. May 1952. 41.8 Sch9
English summary.

76522 BEAM, F. M. Canine pancreatitis and its treatment: a case report. Vet. Med. 47:304. July 1952. 41.8 M69

76523 BURCH, G. R. Canine papillomatosis in a research kennel. Sowest. Vet. 5:359-362. Summer 1952. 41.8 So82

76524 CATCOTT, E. J. Ophthalmoscopy in canine practice. Amer. Vet. Med. Assoc. J. 121(904):35-37. July 1952. 41.8 Am3

76525 COHRS, P., and CARSTENSEN, H. C. Toxoplasmose beim hund. Deut. Tieratztl. Wchnschr. 59:161-165. Ref. June 1,1952. 41.8 D482

76526 CROW, E. W. Congenital diaphragmatic hernia in a cat. Sowest. Vet. 5:463-464. Summer 1952. 41.8 So82

76527 CVJETANOVIC, V. Diagnostic value of phormol gel test in canine leishmaniasis. (In Serbo-Croatian.) Vet. Arh. 21:405-415. Ref. Dec.1951. 41.8 V6416
English summary.

76528 CYROG, R. J. Resection of the soft palate. Sowest. Vet. 5:416. Summer 1952. 41.8 So82
In dogs.

76529 DECAMP, C. E. Infectious canine hepatitis. (Abs.) Canad. J. Compar. Med. 16:239. June 1952. 41.8 C162

76530 DREŽANCIĆ, I. A new method of curing dogs of roundworms. (In Serbo-Croatian.) Vet. Arh. 21:416-420. Ref. Dec.1951. 41.8 V6416
Ascariasis.
English summary.

76531 ERHARDT, A. Betrachtungen über oleum chenopodii und mandelsäureisoamylester als wurmittel bei der ascaridose des hundes. Tierärztl. Umschau 7: 239-240. July 1952. 41.8 T445

76532 FISHER, L. E. Cervical fracture in a dog. Amer. Vet. Med. Assoc. J. 121(904):17. July 1952. 41.8 Am3

76533 FLIERINGA, H. J., and PETERS, J. C. A lens extraction in a dog. (In Dutch.) Tijdschr. v. Diergeneesk. 77:461-465. June 15,1952. 41.8 T431

76534 FRANK, A. Treatment of feline infectious enteritis in a cat colony with antiserum and aureomycin. Vet. Med. 47:327-330,348. Aug.1952. 41.8 M69

76535 FURUMOTO, H. H. Hard pad disease; a review of clinical cases. No. Amer. Vet. 33:550-552. Aug.1952. 41.8 N812

76536 HITCHCOCK, D. J. The efficacy of vermiplex as an ascaricide in kittens. No. Amer. Vet. 33:485-486. July 1952. 41.8 N812

76537 ISOM, N. B. Correction of a conchal hematoma in a dog. Sowest. Vet. 5:461-462. Summer 1952. 41.8 So82

76538 KIESEL, G. K. Acanthosis nigricans: a case report. Vet. Med. 47:346-347. Aug.1952. 41.8 M69

76539 LA TOUCHE, C. J. The Leeds campaign against microsporosis in children and domestic animals. Vet. Rec. 64:398-399. July 5,1952. 41.8 V641
Ringworm from cats and dogs.

76540 LEWIS, R. G. Hypertrophic pulmonary osteoarthropathy. Sowest. Vet. 5:458. Summer 1952. 41.8 So82
Case of a dog.

76541 LEWIS, W. M. Abscess with multiple fistulous tracts. Sowest. Vet. 5:459. Summer 1952. 41.8 So82
Case of a dog.

76542 LINGGI, A. Die bruchfestigkeit der knochen des hundes. Zürich,1951. 73 p. Ref. 444 L643
Inaug.-Diss. - Zürich.

76543 LUMB, W. V. New method of restraint for small animals. Sowest. Vet. 5:341. Summer 1952. 41.8 So82
Dogs.

76544 LUMB, W. V. Prostatic calculi in a dog. Amer. Vet. Med. Assoc. J. 121(904):14-16. July 1952. 41.8 Am3

76545 MCKINSEY, J. F. A case of possible psychological regression in the cat. Field & Lab. 20:122-124. June 1952. 470 F46

76546 MAJILTON, E. A. Seleen suspension in the treatment of dermatoses of dogs. No. Amer. Vet. 33:483-484. July 1952. 41.8 N812

76547 MANN, P. H. Note on the incidence of intestinal helminths and coccidia in cats in New York City. No. Amer. Vet. 33:484. July 1952. 41.8 N812

76548 MARQUES, and others. Etude expérimentale de la maladie aiguë des rayons, chez le chien. Rev. de Méd. Vét. [Toulouse] 103:1-16. Ref. Jan.1952. 41.8 R32
Puget, Bru, and Carrière, joint authors.

76549 MAZUREK, C., and others. Une nouvelle maladie mortelle du chien: la septicémie a Inflabilis sanguicole [i.e., Clostridium strasburgense]. Inst. Pasteur. Ann. 82:631-632. May 1952. 448.3 An75
O. Bazin, J. Bazin, and G. Karsenti, joint authors.

76550 MOROZZI, A. Experimental test on antirabies vaccination of dogs with a single injection of formolized vaccine. (In Italian.) Zooprofilassi 7:201-206,209. Ref. May 1952. 41.8 Z72
English summary.

76551 MUNCH, J. C. Toxicology in canine medicine. Vet. Med. 47:331-334,350. Ref. Aug.1952. 41.8 M69

76552 NIJLAND, G. J. "Hard pad disease." (In Dutch.) Tijdschr. v. Diergeneesk. 77:501-506. July 1, 1952. 41.8 T431
English summary.

76553 OLDS, R. J. Gnathostoma spinigerum (Owen, 1836) in cats in North Queensland. Austral. Vet. J. 28: 124-126. May 1952. 41.8 Au72

76554 OTTEN, E. Statistische unterlagen zur toxoplasmose-komplementbindungsreaktion. Deut. Tierarztl. Wchnschr. 59:166. June 1,1952. 41.8 D482
Dogs.

76555 PHILLIPS, L. R., and BURKHARDT, B. S. A new therapeutic agent for treatment of canine dermatoses. Vet. Med. 47:286-287. July 1952. 41.8 M69
Seleen.

76556 PLOWRIGHT, W., and YEOMAN, G. Probable Encephalitozoon infection of the dog. Vet. Rec. 64:381-383. June 28,1952. 41.8 V641

76557 POPPENSIEK, G. C. Virus diseases of dogs: with special reference to infectious hepatitis. Vet. Med. 47:282-284,287. Ref. July 1952. 41.8 M69

76558 PREWITT, J. M. Strongyloidiasis in a Boston Terrier. Sowest. Vet. 5:461. Summer 1952. 41.8 So82

76559 PRIDHAM, S. Puppy preparedness—what to do about a blessed event. Amer. Kennel Gaz. 69(5):15,315-317. May 1952. 48.8 Am3

76560 RICHMOND. DEPT. OF PUBLIC HEALTH. Report of the 1951 rabies outbreak, Richmond, Virginia. Va. Med. Mon. 79:295-299. Ref. June 1952. 448.8 V59
Chiefly dogs.

76561 RIEL, J. VAN. Sur la fréquence de la leptospirose du chien en Belgique. Soc. de Biol. Compt. Rend. 146:321-324. Feb.1952. 442.9 P21

76562 RUBIN, R. A survey of internal parasites of 100 dogs in Oklahoma County, Oklahoma. Amer. Vet. Med. J. 121(904):30-33. July 1952. 41.8 Am3

76563 SAFFORD, J. W. A rabies epizoötic in Yellowstone County, Montana. Amer. Vet. Med. Assoc. J. 121 (904):39-41. July 1952. 41.8 Am3
Dogs and cats.

76564 SEWELL, A. J. The dog's medical dictionary; an encyclopaedia of canine diseases, their diagnosis and treatment, poisons and their antidotes. Ed. 4, rev., and largely rewritten by W. H. Kirk. London,Routledge & Kegan Paul,1951. 271 p. 48 Se8

76565 SPORRI, H., and SCHEITLIN, M. Klinisch-physiologische und pathologisch-anatomische untersuchungen an zwie fällen von persistierendem ductus arteriosus (botalli). Schwiez. Arch. f. Tierheilk. 94:387-402. Ref. June 1952. 41.8 Sch9
English summary.
In dogs.

76566 STETSON, J. Gun dogs—internal parasites. Field & Stream 57(3):104-106. July 1952. 410 F45

76567 STÜNZI, H. Beobachtungen über die sekundäre osteoarthropathie beim hund. Schweiz. Arch. f. Tierheilk. 94:356-362. Ref. May 1952. 41.8 Sch9
English summary.

76568 TARVER, W. J., and PIMBLETT, G. H. An epiphyseal injury to the upper end of the tibia (dog). Vet. Rec. 64:371-372. June 21,1952. 41.8 V641

76569 TEUNISSEN, G. H. B. "Hard pad disease." (In Dutch.) Tijdschr. v. Diergeneesk. 77:507-510. 1952. 41.8 T431

76570 TOURNUT, J. L'association pénicilline-streptomycine en obstétrique, chez les femelles carnivores. Rev. de Méd. Vét. [Toulouse] 102:657-667. Dec.1951. 41.8 R32
Dogs and cats.

76571 YOUNG, W. A. Care of the feline. III. Calculi, parasites, ear trouble, skin and other diseases. Sowest. Vet. 5:334-336. Summer 1952. 41.8 So82

76572 ZURECK, F. Ein beitrag zur diagnostik der leptospirose des hundes. Tierärztl. Umschau 7:223-227. Ref. July 1952. 41.8 T445

Miscellaneous

76573 ACTON, C. R. The dog owner's handbook. London,Jenkins,1952. 141 p. 48 Ac8D

76574 CASTAING, J. Education du chien d'arret. Chasse, Chiens et Vénerie (n.s.)13(4):18. (Concl.) May 1952. 48.8 C43

76575 DAUBIGNE, P. Les chiens courants actuels sont-ils supérieurs à ceux d'autrefois? Chasse, Chiens et Vénerie (n.s.)13(4):17. May 1952. 48.8 C43

76576 HAUCK, E. Haltung, pflege und erziehung des hundes. Ed. 4., rev. Wien,Globus,1951. 156 p. (Tagblatt-Bibliothek 289) 48 H29H

76577 LANE, B. M. Preface to training. 2. Amer. Kennel Gaz. 69(5):23-25,317-318. Ref. May 1952. 48.8 Am3

76578 MCQUISTION, W. A. Summer dugouts for dogs. No. Amer. Vet. 33:549. Aug.1952. 41.8 N812

76579 MONTAL, T. El perro de pastor. Cult. Mod. 35:176-178. May 1952. 15 C89

76580 OTTE, F., and OTTE, F. When old age comes, there are many ways in which you can make your dog's days happier. Amer. Kennel Gaz. 69(5):11-14,312-313. May 1952. 48.8 Am3

76581 PRECHTL, H. F. R. Angeborene bewegungsweisen junger katzen. Experientia 8:220-221. June 15, 1952. 475 Ex7
English summary.

76582 SIX, J. Etude sur la facon de dresser un chien pour la defense ou le pistage, mener un aveugle, garder un troupeau. Chasse, Chiens et Vénerie (n.s.)13(3):24-26; (5):17-19. (Cont.) Apr.,June 1952. 48.8 C43

76583 SPAAPEN, J. Uw hond: een vademecum [Our dog: a vademecum]. Assen,Born,1951. 127 p. (De Practische Bibliotheek 6) 48 Sp12

76584 UMLAUFF, G. M. Dogs haven't changed since Arrian's day. Amer. Kennel Gaz. 69(5):20-22,115. May 1952. 48.8 Am3

76585 WEBER, J. Enseñanza del perro casero. Campesino [Santiago] 84(4):23,25. Apr.1952. 9.3 So12

FUR ANIMALS - PEN RAISED

Breeds and Breeding

76586 DARKS—will something replace them entirely? Amer. Fur Breeder 25(6):10-11,33. June 1952. 410 Am33
Discussion by mink breeders and judges.

76587 IN WHAT color phases should the Stewart factor be introduced? Amer. Fur Breeder 25(6):14,34. June 1952. 410 Am33
Discussion by mink breeders and judges.

76588 WALTER, H. H. Zur technik der sumpfbiberverpaarung. Osterr. Kleintierzüchter 11/12:95. (Cont.) June 1952. 49 Os7

76589 WHAT are the problems in raising white mink? Amer. Fur Breeder 25(6):12-13. June 1952. 410 Am33
Discussion by breeders and judges.

76590 WHAT is the future of the Aleutian? Amer. Fur Breeder 25(6):15. June 1952. 410 Am33
Discussion by mink breeders and judges.

76591 WHAT kind of brown mink should we raise? Amer. Fur Breeder 25(6):16,33. June 1952. 410 Am33
Discussion by mink breeders and judges.

Feeds and Feeding

76592 JARL, F., MELIN, G., and THELANDER, B. Experiments with feeding Blue fox kits once and twice a day. (In Swedish.) Vara Palsdjur 23:130-135,138-141. May 15,1952. 410 V42

76593 RIMESLATTEN, H. Experiments with slaughter waste, fresh fish and dried animal feed for mink kits. (In Norwegian.) Norsk Pelsdyrbl. 26:266-274. June 20,1952. 412.628 N812

76594 WATT, P. R. The feeding of marine fishes to mink. Natl. Fur News 24(6):12-13,25. July 1952. 412.628 R59

Veterinary Medicine

76595 GREENLEE, H. H. Resorption and abortion in the chinchilla. Natl. Chinchilla Breeder 8(5):12,25-26,28. July 1952. 412.628 N21

76596 LEOSCHKE, W. L., ZIKRIA, E., and ELVEHJEM, C. A. Composition of urinary calculi from mink. Soc. Expt. Biol. & Med. Proc. 80:291-293. June 1952. 442.9 So1

76597 MOMBERG-JØRGENSEN, H. C. Distemper of fur animals. (In Norwegian.) Norsk Pelsdyrbl. 26:261-265. June 20,1952. 412.628 N812

76598 SCHADACH. Über lungenentzündungen beim nerz. Deut. Pelztierzüchter 26:113. June 25,1952. 412.628 D48

Miscellaneous

76599 JONAS, L. F. The importance of the early care of [mink] kits. Black Fox Mag. & Mod. Mink Breeder 36(2):9-10,26-27. June 1952. 410 B56

76600 LANDON, H. Sapphire and Aleutian pelts get new names as MMBA lists new trademarks. Amer. Fur Breeder 25(7):14-15. July 1952. 410 Am33
Similar title in Black Fox Mag. & Mod. Mink Breeder 36(3):13,29-30. July 1952. 410 B56

76601 LARSON, M. Prime pelt conditioning. Natl. Chinchilla Breeder 8(5):18-19. July 1952. 412.628 N21
Care and feeding.

76602 MACMILLAN, W. It's a mink's life. Forest & Outdoors 48(7):23. July 1952. 99.8 C16

76603 MESCHKAT, A. Naturnahe nerzzucht. Deut. Pelztierzüchter 26:101-104. June 25,1952. 412.628 D48

76604 OAKES, W. C. Eliminating tail chewing. Amer. Fur Breeder 25(7):12,34. July 1952. 410 Am33
In minks.

76605 REICHERT, E. Nobel-racoonette (edelwaschbär—ungefärbt); ein situationsbericht für die edelwaschbärzüchter. Deut. Pelztierzüchter 26:109-111. June 25, 1952. 412.628 D48

76606 STANG, K. V. Attitude of health authorities to fur farming. (In Danish.) Dansk Pelsdyravl 15:194-198. July 1,1952. 412.628 D23

76607 SYDOW, C. VON. Sveriges Pälsdjursuppfödares Riksförbund under 25 år, 1926-1951 [The National Association of Fur Farmers of Sweden during 25 years, 1926-1951]. Katrineholm,1951. 66 p. 412.629 Sv2

76608 TECHNICAL references for veterinarians. Natl. Chinchilla Breeder 8(4):24-27. June 1952. 412.628 N21

76609 WALTER, H. H. Aufzucht des nerzes. Osterr. Kleintierzüchter 9/10:78. May 1952. 49 Os7

76610 WEISE, H. Vom notwendigen werkzeug beim züchten. Deut. Pelztierzüchter 26:104-108. June 25, 1952. 412.628 D48
Chiefly on records of coypus.

HORSES AND MULES

Breeds and Breeding

76611 ASSOCIAÇÃO DOS CRIADORES DE CAVALOS CRIOULOS. Report, 1951. (In Portuguese.) Assoc. dos Criadores de Cavalos Crioulos. An. 17(19):23-29. 1952. 42.9 As7

76612 BALDAUF, E. Die stuteneintragungen 1952. Landwirt. Z. der Nord-Rheinprov. 119:512-513. May 17,1952. 18 L2344

76613 BURCH, P. M. Training Thoroughbred horses. Selection of racing material. I-II. Blood-Horse 64:92-94, 256-268. July 12,26,1952. 42.8 T392

76614 CALABRINI, L. A. The Throughbred horse in Italy. (In Italian.) Italia Agr. 89:339-353. May 5, 1952. 16 It1

76615 ENCYCLOPÉDIE française du Cheval de Sang. Paris,Perrin,1951. 190 p. 42 En1

76616 HEUSSER, H. Untersuchungen über blutausrüstung und blutreserve des pferdes, insbesondere des Jurapferdes. Zürich,1951. 81 p. Ref. 444 H48
Inaug.-Diss. - Zürich.

76617 MILLAR, R. Forces observed during coitus in Thoroughbreds. Austral. Vet. J. 28:127-128. May 1952. 41.8 Au72

76618 OLSSON, N. Kontroll över foderförbrukning och viktökning hos unghästar av ardennerras. Studies on growth and feed consumption in growing Belgian horses. Sweden. Lantbrhögsk. Husdjursförsöksanst. Meddel. 49, 13 p. 1952. 104 Up62
English summary.

76619 ROMIĆ, S. Le développement des chevaux Lipizzaniens jusq' à l'âge de trois ans. (In Serbo-Croatian.) Vet. Arh. 21:269-310. Ref. Sept.1951. 41.8 V6416
French summary.

76620 STUD book français; registre des chevaux de races Anglaise, Arabe, Barbe, Anglo-Arabe, Anglo-Barbe et Anglo-Arabe-Barbe nés ou importés en France, v. 27, 1947/1949. Paris,1951. 1350 p. 42.9 F843

76621 TALBOT, R. J. DE C. Registration of stallions; thirty-second annual report. Victoria. Dept. Agr. J. 50:214-216. May 1952. 23 V66J

76622 TERACHE, P. Pour que les détracteurs du cheval belge n'aient pas raison. Sillon Belge 22(512):1, 3. (Cont.) June 7,1952. 13 Si3

76623 TERRES, D. P. History of the herd of Criollos of "Eliseu Maciel" Agronomy School. (In Portuguese.) Assoc. dos Criadores de Cavalos Crioulos. An. 17(19):17-19. 1952. 42.9 As7

76624 WALL, J. F. The master breeder of horses. Thoroughbred Rec. 156(2):23,42,46. July 12,1952. 42.8 T39

76625 WEISS, K. H. Geschichte der Araberzucht des königlichen privatgestütes Weil. Z. f. Tierzücht. u. Züchtbiol. 59:425-470. Ref. Dec.1951. 442.8 Z35

Feeds and Feeding

76626 BEAUDOUIN, H. Antibiotics and the Thoroughbred. Blood-Horse 63:1156-1158. June 28,1952. 42.8 T392

76627 DUNN, W. H. Some comments about feeding. Blood Horse 64:32-33,37. July 5,1952. 42.8 T392

76628 EHRENBERG, P. Fütterung von anspruchsvollen pferden. Futter u. Fütterung 19/20:139-140. Mar./Apr.1952. 389.78 F98

76629 FERRANDO, R. L'allaitement du poulain. Rev. de l'Elevage 7:238. Apr.1952. 49 B462

76630 SAGER, F. Practical feeding. Vt. Horse & Bridle Trail B. 16:94-96. (Cont.) July 1952. 42.8 V59

Veterinary Medicine

76631 ALMASY, F., HEUSSER, H., and INS, G. VON. Laktoflavinstoffwechsel und periodische augenentzündung des pferdes. Schweiz. Arch. f. Tierheilk. 94:329-336. Ref. May 1952. 41.8 Sch9
English summary.

76632 ATIJAS, A. Beitrag zur diagnose der totalen zerreissung des unterstützungsbandes der tiefen und oberflächlichen beugesehne am vorderfusse beim pferde. (In Serbo-Croatian.) Vet. Arh. 21:461-462. Dec.1951. 41.8 V6416
German summary.

76633 BARONE, R., and SCHELLENBERG, P. Les territoires de la sensibilité cutanée du membre thoracique, chez les Equidés. Rev. de Méd. Vét. [Toulouse] 102: 672-691. Ref. Dec.1951. 41.8 R32

76634 BERTHELON, M., and TOURNUT, J. L'avortement par ultra-virus des Equidés existe-t-il en France? Rev. de Méd. Vét. [Toulouse] 102:593-600. Nov.1951. 41.8 R32

76635 CARROLL, J. D. Spavin test. Sowest. Vet. 5: 414-415. Summer 1952. 41.8 So82

76636 COURREGES, and others. Radio-clinique des effractions osseuses post-traumatiques des membres du cheval de selle. Rev. de Méd. Vét. [Toulouse] 102:601-612. Nov.1951. 41.8 R32
Louf, Boyer, Barrairon, and Petrov, joint authors.

76637 DEUBLER, M. J. Endocervicitis in mares (Abs.) Sowest. Vet. 5:438. Summer 1952. 41.8 So82

76638 DOLL, E. R. Vaccination for equine virus abortion. Blood-Horse 64:166-167,212. July 19,1952. 42.8 T392

76639 DUFFY, C. E., JORDAN, R. T., and MEYER, H. M., JR. Effect of multiple inoculations on interference between St. Louis encephalitis virus and equine encephalomyelitis virus. Soc. Expt. Biol. & Med. Proc. 80:279-281. June 1952. 442.9 So1

76640 DYCE, K. M., JONES, O. G., and WADSWORTH, F. J. A new anaesthetic technique for the horse: a preliminary note on the use of cyclopropane-oxygen anaesthesia. Brit. Vet. J. 108:187-191. June 1952. 41.8 V643

76641 FISHER, A. K. A compact osteoma in the skull of a horse. Amer. Vet. Med. Assoc. J. 121(904):42-44. July 1952. 41.8 Am3

76642 GAGLIARDI, G., and PETEK, M. Hemolytic disease of newborn mules. (In Italian.) Zooprofilassi 7: 169-179. Ref. Apr.1952. 41.8 Z72
English summary.

76643 GALLINA, L. Dystocia with a surprise. VII. (In Italian.) Prog. Vet. 7:392. June 1,1952. 41.8 P942
Case of a mare.

76644 GIUBBILEI, C. The horse's coat; can the color of the coat be an indication of virility or lymphatism? (In Italian.) Allevatore 8(19):7. May 11,1952. 49 AL55

76645 HEUSSER, H. Zur ätiologie der periodischen augenentzündung. Schweiz. Arch. f. Tierheilk. 94:296-306. Ref. May 1952. 41.8 Sch9
English summary.

76646 HOTZ, H. Pathologisch-histologische untersuchungen bei der bruzellose des pferdes und ein beitrag zur genese der corpora oryzoidea. Zürich,1951. 65 p. Ref. 41.2 H749
Inaug.-Diss. - Zürich.

76647 HRANITZKY, D. R. Lacerated wound in a Quarterhorse. Sowest. Vet. 5:460-461. Summer 1952. 41.8 So82

76648 MARCQ, J., LAHAYE, J., and CORDIEZ, E. Extérieur du cheval. Ed. 3. Gembloux,Duculot,1951. 304 p. (Encyclopédie Agronomique et Vétérinaire) 444 M335

76649 MILCETIC, I. Elektrokardiographische untersuchung der herzarhythmien beim pferde. (In Serbo-Croatian.) Vet. Arh. 21:368-387. Ref. Sept.1951. 41.8 V6416
German summary.

76650 MLINAC, F., and HAJSIG, M. Enzootie in der zucht der weissen ratten verursacht durch Shigella equirulis (B. pyosepticum viscosum equi). (In Serbo-Croatian.) Vet. Arh. 21:220-226. July 1951. 41.8 V6416
German summary.

76651 MURPHY, J. M. Fracture of the cervical vertebrae in a horse. Indian Vet. J. 28:461-462. May 1952. 41.8 In2

76652 ODONI, E. Der spiegel des pferdes, eine modifizierte hautpartie in der kruppen- und oberschenkelgegend. Zürich,1951. 31 p. Ref. 444 Od5
Inaug.-Diss. - Zürich.

76653 ODRIOZOLA, M. The enumelanin horse: black or brown? J. Hered. 43:76,96. Mar./Apr.1952. 442.8 Am3

76654 SAKURAI, N. Can the condition of a racer be determined by science? Blood-Horse 64:127-128,130-132, 134. July 12,1952. 42.8 T392

76655 SCHWOBEL, W. Untersuchungen zur granulabewegung im ei von Parascaris equorum (Goeze) mit hilfe des zeitrafferfilms. Protoplasma 41:21-56. Ref. Jan.5,1952. 442.8 P94

76656 SEIFERLE, E. Angewandte anatomie am lebenden. Schweiz. Arch. f. Tierheilk. 94:280-286. May 1952. 41.8 Sch9
English summary.
Horses and cattle.

76657 SPÖRRI, H. Über die genese und klinische bedeutung des partiellen herzblockes beim pferd. Schweiz. Arch. f. Tierheilk. 94:337-346. Ref. May 1952. 41.8 Sch9
English summary.

76658 STEPHENSON, W. J. Cystic calculus in the horse. Vet. Med. 47:348. Aug.1952. 41.8 M69

76659 SUBRAMANIAN, C. V. A case of babesiosis in horse. Madras Vet. Col. Annu. 10:60-62. 1951/52. 41.9 M26

76660 TODD, A. C. Control of worm parasites of horses. Sowest. Vet. 5:356-358. Summer 1952. 41.8 So82

76661 TUFVESSON, G. Lymphangitis in horses. I. A statistical and clinical study. Nord. Vetmed. 4:529-576. Ref. June 1952. 41.8 N813

76662 VILLAMOR, F. J. La dirección de los miembros en el ganado equino. Campo [Sevilla] 11(119):43-44. Feb.1952. 15 C15

76663 WALZBERG, U., and KOTTER, H. Tod eines fohlens infolge einbruchs von darminhalt in die vena portae. Deut. Tierarztl. Wchnschr. 59:179-180. June 15,1952. 41.8 D482

76664 WEISCHER, F. Neuere erkenntnisse über einige erkrankungen der synovialräume beim pferde und rinde (erb- und umweltbeziehungen, endogene infektionen und behandlung). Tierärztl. Umschau 7:231-234. Ref. July 1952. 41.8 T445

Miscellaneous

76665 BOTTICHER, R. VON. Ratschläge für ländliche reiter. Landwirtbl. Weser-Ems 99:515-516, 539-540. (Concl.) May 22-29,1952. 18 L2345

76666 CROTTY, D. Colt breaking & training. Adelaide,1951. 87 p. 42 C882

76667 LEONARD, M. A method of horse gentling. Past. Rev. 62:481-482. May 16,1952. 23 Au75

76668 MACHADO, P. DA S. The horse – primitive significance and racial origin. (In Portuguese.) Assoc. dos Criadores de Cavalos Crioulos. An. 17(19):6-8. 1952. 42.9 As7
From "Correio do Povo."

76669 SHERMAN, J. The real book about horses. Garden City,Garden City Books,1952. 192 p. Ref. 42 Sh52

76670 SIMONE, V. DE. Many breeds and varieties; a single immutable primate. (In Italian.) Agricoltura 1 (5):23-27. May 1952. 16 Ag8226
Horses in Italy.

76671 SUMMERHAYS, R. S. Encyclopaedia for horsemen. London,Warne,1952. 320 p. Ref. 42 Su6E

76672 WENTWORTH, J. A. D. W. B. L., BARONESS. Horses in the making. London,Allen & Unwin,1951. 155 p 42 W483H

LABORATORY ANIMALS, SMALL

Breeds and Breeding

76673 NOTHDURFT-WOLPER, C. Der Syrische Goldhamster: eine anleitung für liebhaber und züchter. Minden/Westf.,Philler,1951? 24 p. (Lehrmeister-Bücherei 27) 412.7 N84

Feeds and Feeding

76674 GRANADOS, H. Nutritional studies on growth and reproduction of the golden hamster (Mesocricetus auratus auratus); with some comparative observations in the albino rat (Mus norvegicus albinus). Copenhagen, Store Nordiske Videnskabsboghandel,1951. 138 p. Ref. (Acta Physiologica Scandinavica. v. 24, supplementum 87) 412.7 G76

Veterinary Medicine

76675 HOFFMANN, G. Beitrag zur anatomie und topographi sektionstechnisch wichtiger organe vom syr. goldhamster (Mesocricetus auratus). Monatsh. f. Vetmed. 7:188-191. May 15,1952. 41.8 M742

76676 KATIYAR, R. D. Pseudomoniasis in guinea-pigs. Indian Vet. J. 28:443-445. May 1952. 41.8 In2

POULTRY

Breeds and Breeding

76677 BARCELO GARCIA DE PAREDES, A. Genética avícola:los homozigotes y los heterozigotes. Ganadería [Madrid] 10:77-78. Feb.1952. 49 G15

76678 BECHT, K. Schwarzscheckige Italiener. Deut. Kleintier-Züchter. Ausg. Geflügel 7(10):8. May 20,1952. 47.8 D484

76679 BECKER, A. "Amerikanisches" van den Rhodeländern. Deut. Kleintier-Züchter. Ausg. Geflügel 7(9):6-7. May 5,1952. 47.8 D484

76680 BLYTH, J. S. S. Degenerate inbred lines of Brown Leghorns and their first crosses. Empire J. Expt. Agr. 20:133-141. Ref. Apr.1952. 10 Em7

76681 BRILES, W. E. The blood group picture in three Leghorn inbred lines. (Abs.) Assoc. South. Agr. Workers. Proc. 49:154. 1952. 4 C82

76682 BRYANT, R. L., and MORENG, R. E. Effects of diethylstilbestrol pellet implants on growth and dressing loss in old roosters. N. Dak. Agr. Expt. Sta. Bimon. B. 14:190-195. May/June 1952. 100 N813B

76683 BURKHARD. Wirtschaftliche Zwerg-Blausperber. Deut. Kleintier-Züchter. Ausg. Geflügel 7(12):7,9. June 20,1952. 47.8 D484

76684 BUTTNER, E. E. So you want to keep pigeons! Breeding. So. African Poultry, Pigeon & Bird Mag. 80 (485):26,23; (486):26,21. June-July 1952. 47.8 So83

76685 CAMPOS, A. C., and SHAFFNER, C. S. The genetic control of chick comb and oviduct response to androgen and estrogen. Poultry Sci. 31:567-571. July 1952. 47.8 Am33P

76686 CAVERS, J. R. Poultry breeding. Canad. Soc. Anim. Prod. Proc. 1951:55-56. 49.9 Ea72

76687 ELLSWORTH, A. Which breed for 1952? Albers Egg Maker 29,i.e.28:7-8,13. Spring 1952. 47.8 AL1

76688 FISHER, R. E. Breeding and showing giant Homers. Amer. Pigeon J. 41:198-199. July 1952. 47.8 Am35

76689 FUKAGAWA, K. Chabo [The Bantam]. Tokyo, Chikyu Shuppan Kabushiri Gaisha,1951. 133 p. 47 F952

76690 GLEICHAUF, R. Bericht über den einsatz von rassen und rassenkreuzungen sowie über das zucht- und anerkennungswesen in Schweden. Deut. Wirtgeflügelzucht. 4:453-454. June 21,1952. 47.8 D483

76691 GLEICHAUF, R. Das zuchtwesen im rahmen der geflügelwirtschaft in den USA. Deut. Kleintier-Züchter. Ausg. Geflügel 7(12):1-2;(13):8-9. (Cont.) June 20,July 5,1952. 47.8 D484

76692 GODFREY, G. F. Developing an autosexing Columbian-patterned variety. (Abs.) Assoc. South. Agr. Workers. Proc. 49:153. 1952. 4 C82
Poultry.

76693 HARPER, J. A., and PARKER, J. E. Over-lapping of progeny resulting from changing males in turkey matings. Poultry Sci. 31:659-664. July 1952. 47.8 Am33P

76694 HEISSMANN, E. Die Coburger Lerche; ihre entwicklung in den letzten jahrzehnten. Deut. Kleintier-Züchter 7(11):7-8. June 5,1952. 49 D483

76695 HEUVEL, C. V. D. Back to nature. (In Dutch.) Pels en Pluim 7(10): 1-2. May 16,1952. 47.8 P36
Poultry breeding and egg production.

76696 HUG, J. Allerlei über das Leghorn. Geflügelhof 15:331-333. May 25,1952. 47.8 G276

76697 INAGAKI, C., and TAKAGI, T. Chabo to sono kaikata [How to raise Bantams]. Tokyo,Chikuyo Shobo, 1951. 293 p. 47 In1

76698 JULL, M. A. How do crossbreds stack up today? Hatchery & Feed 26(7):32-35. July 1952. 47.8 H28

76699 KING, D. F., COTTIER, G. J., and MOULTRIE, F. The development of the Auburn strain of White Leghorns. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 153-154. 1952. 4 C82

76700 KOCAB, F. Der brieftaubensport in Österreich. Österr. Kleintierzüchter 11/12:93. (Cont.) June 1952. 49 Os7

76701 KOREPANOVA, G. IA. Effect of feeding conditions on hereditary changes in poultry. (In Russian.) Agrobiologiia 2:75-87. Mar./Apr.1952. 20 Ag822
Experiments with White Leghorns.

76702 LANGE, D. D. New standard for the Lahore pigeon. Amer. Pigeon J. 41:202-203. July 1952. 47.8 Am35

76703 LONG, E., and GODFREY, G. F. The effect of dubbing, environmental temperature and social dominance on mating activity and fertility in the domestic fowl. Poultry Sci. 31:665-673. Ref. July 1952. 47.8 Am33P

76704 MAASS, H. J. Grundlagen der geschlechtsvererbung beim haushuhn. Thür. Kleintierzüchter 6: 182-183. June 10,1952. 49 T42

76705 MACKLIN, H. P. Pigeon portraits: the Genter Cropper.4. Amer. Pigeon J. 41:200-201. July 1952. 47.8 Am35

76706 MILLIGAN, J. L., ARSCOTT, G. H., and COMBS, G. F. Vitamin B_{12} requirement of New Hampshires. 1. Poultry Sci. 31:595-603. Ref. July 1952. 47.8 Am33P

76707 NATIONAL TURKEY FEDERATION. What's new in breeding and breeder management? II. Turkegram 2(2):14,26,28-30. June 1952. 47.38 T845
Panel discussion at the Federation's convention.

76708 NEGRE, J. P. Remarques tirées du fonctionnement de deux centres avicoles de multiplication: Adriana (Hautes-Pyrénées), Le Mas Boulbon (Gard). France. Min. de l'Agr. B. Tech. d'Inform. 69:287-292. May 1952. 14 F844B

76709 OSBORNE, R. W. Sexual maturity in Brown Leghorns. The interactions of genotype and environment. Roy. Soc. Edinb. Proc. Sect. B, Biol. 64:445-455. Ref. 1951/52. 501 Ed4P

76710 PACE, D. M., MORAVEC, D. F., and MUSSEHL, F. E. Physiological characteristics of turkey semen. 1. Poultry Sci. 31:577-580. July 1952. 47.8 Am33P

76711 PHILLIPS, H. J., and WIEGERS, H. L. Settling rate of turkey sperm on a haemocytometer. Poultry Sci. 31:681-684. July 1952. 47.8 Am33P

76712 RINGSHAUSSER, A. Die glattfüssigen eistauben. Deut. Kleintier-Züchter. Ausg. Geflügel 7(10):6-7. May 20,1952. 47.8 D484

76713 ROSENBERG, M. M. A comparison of daughters from two sires mated to the same dams. Hawaii. Agr. Expt. Sta. Prog. Notes 76,6 p. Apr.1952. 100 H313P
Poultry.

76714 SCHMID, G. Leghorn. Geflügelhof 15:333. May 25,1952. 47.8 G276

76715 SHRADER, H. L. Tomorrow's chick program stimulant to better breeding. Fla. Poultry & Farm J. 18 (7):5-6,9,11,13. July 1952. 47.8 F66

76716 SIMON, K. J. Observations on stilboestrol implantation in cockerels. Indian Vet. J. 28:439-443. May 1952. 41.8 In2

76717 STURTEVANT, R. The modern Wyandotte. Amer. Poultryman 15(4):6. July/Aug.1952. 47.8 So86

76718 VEENSTRA, J. A. Something on Friesian hens. (In Dutch.) Fels en Pluim 7(11):4-5. May 30,1952. 47.8 P36

76719 WEAKLEY, C. E., III., and SHAFFNER, C. S. The fertilizing capacity of diluted chicken semen. Poultry Sci. 31:650-653. July 1952. 47.8 Am33P

76720 WIEDEN, F. Bergische Kräher. Deut. Kleintier-Züchter, Ausg. Geflügel 7(10):1-2. May 20,1952. 47.8 D484

76721 WILLIAMS, W. R., JR. Breeding for todays conditions. (Abs.) Assoc. South. Agr. Workers. Proc. 49:152-153. 1952. 4 C82
Poultry.

76722 WOITH. Helle Wyandotten und das wesen der hellen zeichnung. Deut. Kleintier-Züchter Ausg. Geflügel 7(10):4. May 20,1952. 47.8 D484

76723 ZIEBERTZ, W. Das Wettkrähen in Vogelsmühle. Deut. Kleintier-Züchter, Ausg. Geflügel 7(12): 3-4. June 20,1952. 47.8 D484

Feeds and Feeding

76724 ANDERSON, G. W., CUNNINGHAM, J. D., and SLINGER, S. J. Effect of protein level and penicillin on growth and intestinal flora of chickens. J. Nutr. 47: 175-189. Ref. June 10,1952. 389.8 J82

76725 BIRD, H. R. Cottonseed meal for poultry. Grain & Feed J. Consolidated 108(11):38. June 11,1952. 298.8 G762

76726 BOLIN, D. W., and others. Chick growth response to different levels of methionine and protein supplements added to a low methionine diet. Poultry Sci. 31: 700-707. July 1952. 47.8 Am33P
E. W. Klosterman, K. Schlamb, and R. L. Bryant, joint authors.

76727 BOOTH, R. R., HARE, J.H., and VANLANDINGHAM, A. H. The glycine content of poultry ration components. W. Va. Acad. Sci. Proc. 23:69-75. Ref. 1951, pub.1952. 500 W52

76728 BRIQUET JUNIOR, R. Recent trends in the production of eggs; feeds containing hormones improve and prolong the laying period. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:137-138. Mar./Apr.1952. 9.2 R324

76729 CARD, L. E. What's new in poultry feeding? Amer. Poultry J. 83(7):15,24. July/Aug.1952. 47.8 Am32

76730 CARRICK, C. W. Soybean oil meal and corn in poultry feeding. Feedstuffs 24(28):32,34-36. July 12, 1952. 286.81 F322

76731 COATES, M. E., and others. A mode of action of antibiotics in chick nutrition. J. Sci. Food & Agr. 3: 43-48. Ref. Jan.1952. 382 So12
C. D. Dickinson, G. F. Harrison, S. K. Kon, J. W. G. Porter, S. H. Cummins and W. F. J. Cuthbertson, joint authors.

76732 COMBS, G. F. Unidentified growth factors in poultry nutrition. Grain & Feed J. Consolidated 108 (11):31-32. June 11,1952. 298.8 G762

76733 COUCH, J. R. Nutrition of growing turkeys. Feed Age 2(6):22-25,54,56. June 1952. 389.78 F327

76734 CRAVENS, W. W. Antibiotics for poultry. Feeds Illus. 3(6):24-25. June 1952. 389.78 F326

76735 CRAVENS, W. W. The practical role of antibiotics in manufactured poultry feeds. Grain & Feed J. Consolidated 108(11):27-29. June 11,1952. 298.8 G762

76736 DAVIS, R. L., BRIGGS, G. M., and SLOAN, H. J. The modulus of ground corn in a corn-soybean oilmeal chick starting ration. Poultry Sci. 31:745-746. July 1952. 47.8 Am33P

76737 DRIGGERS, J. C., and MEHRHOF, N. R. Citrus molasses for growing chicks. (Abs.) Assoc. South. Agr. Workers. Proc. 49:158. 1952. 4 C82

76738 EDEN, W. Untersuchungen zur carotinresorption beim huhn und zum carotinübergang in das ei. Arch. f. Tierernähr. 2:114-151. Ref. Sept./Dec.1951. 389.78 Ar22

76739 FANGAUF. Geflügelfütterung in USA. Futter u. Fütterung 17:123-124. Jan.1952. 389.78 F98

76740 FANGAUF, R. Kükenwuchsprüfung mit dem antibiotischen wuchsstoff "entan." Deut. Wirtgeflügelzucht. 4:464-465. June 28,1952. 47.8 D483

76741 FERRANDO, R., and BRENOT, D. Action des antibiotiques ajoutés au régime sur la réserve hépatique de vitamine A. Acad. d'Agr. de France. Compt. Rend. 39: 302. Apr.30/May 7,1952. 14 P215Bc
Poultry nutrition.

76742 FERRANDO, R., and others. L'adjonction de vitamine B-12 a l'alimentation normale du poulet. Acad. d'Agr. de France. Compt. Rend. 39:300-301. Apr.30/May 7,1952. 14 P215Bc
D. Brenot, J. Philippe, M. Libersa, and A. Petit, joint authors.

76743 GONZALEZ SILVA, E. J. Alimentación de las palomas mensajeras. Pampa Argentina 25(291):8,30. Mar.1952. 9 P19

76744 HALBROOK, E. R. Progress in poultry nutrition. Feedstuffs 24(29):20,53-55. July 19,1952. 286.81 F322

76745 HEYWANG, B. W. The effect of antibiotics on the growth of White Leghorn pullets. Poultry Sci. 31:581-586. July 1952. 47.8 Am33P

76746 HSU, P. T., and COMBS, G. F. Effect of vitamin B_{12} and amino acid imbalances on growth and levels of certain blood constituents in the chick. J. Nutr. 47:73-91. Ref. May 10,1952. 389.8 J82

76747 LEONG, K. C., and MCGINNIS, J. An estimate of the methionine requirement for egg production. Poultry Sci. 31:692-695. July 1952. 47.8 Am33P

76748 MCKAY, W. Antibiotics. Poultry World 90(25, sup.):i-vii. June 19,1952. 47.8 P8682

76749 MILLER, D. W. Pitfalls in evaluating growth tests. Feeds Illus. 3(5):11-12,42. May 1952. 389.78 F326

Chicks.

76750 MONREAL, G. Antibiotica als wuchsstoffe und die wirkung des "pluseffektes" in einem kükenwachstumsversuch. Deut. Wirtgeflügelzucht. 4:449-450. June 21,1952. 47.8 D483

76751 NATIONAL RESEARCH COUNCIL. How much calcium is required by the laying hen? Coop. Poultryman 17(3):4,13. Mar. 1952. 47.8 C782

76752 PALAFOX, A. L., and ROSENBERG, M. M. Further studies on the effect of dried cow manure on the domestic fowl. Poultry Sci. 31:673-678. July 1952. 47.8 Am33P

76753 PATRICK, H. Studies on feed efficiency, consumption and excretion of water, and excreta voided in broilers. (Abs.) Assoc. South. Agr. Workers. Proc. 49:157. 1952. 4 C82

76754 PETERSEN, N. Mastentenhaltung rentabel gemacht! Geflügelhof 15:399-400. June 20,1952. 47.8 G276

76755 PETERSON, D. W., and others. Some relationships among dietary sterols, plasma and liver cholesterol levels, and atherosclerosis in chicks. J. Nutr. 47:57-65. Ref. May 10,1952. 389.8 J82

C. W. Nichols, Jr., E. A. Shneour, H. Gaffey, R. Robbins, and N. Peek, joint authors.

76756 PLONSKY, J. C. What's new in broiler feeding. Flour & Feed 53(2):26-27. July 1952. 298.8 F66

76757 QUISENBERRY, J. H., and WILLIAMS, J. C. Further data on effects of protein level and feeding methods on egg production. (Abs.) Assoc. South. Agr. Workers. Proc. 49:155. 1952. 4 C82

76758 RAIMO, H. F. Slaughterhouse wastes: utilization of these products and development of poultry raising. (In Portuguese.) Soc. Rur. Bras. Rev. 32(375):54-55. Apr.1952. 9.2 B733

76759 ROSENBERG, M. M., and ZOEBISCH, O. C. A chick test for toxicity in forage legumes. Agron. J. 44: 315-318. June 1952. 4 Am34P

Experiment with Indigofera spp.

76760 SCOTT, H. M., JOHNSON, B. C., and GOFFI, E. A. Effect of surface active agents on chick growth. Poultry Sci. 31:746-747. July 1952. 47.8 Am33P

76761 SCOTT, H. M., GOFFI, E. A., and GLISTA, W. A. The protein requirement of the chick as influenced by aureomycin. Poultry Sci. 31:751-752. July 1952. 47.8 Am33P

76762 SCOTT, M. L., and HILL, F. W. Formulating rations for turkeys. Feeds Illus. 3(4):17-18,20. Apr. 1952. 389.78 F326

76763 SIEBURTH, J. M., STERN, J. R., and MCGINNIS, J. The effect of antibiotics and fecal preparations on growth of turkey poults. Poultry Sci. 31:625-627. July 1952. 47.8 Am33P

76764 SMITH, S. B., DELAPLANE, J. P., and WILEY, W. H. The effect on production and hatchability of feeding laying pullets sulfaquinoxaline at the 0.033 percent level. Poultry Sci. 31:679-680. July 1952. 47.8 Am33P

76765 SOMMERFELD, J. Vereinfachung der kükenfütterung. Deut. Kleintier-Züchter 7(12):7. June 20,1952. 49 D483

76766 SUNDE, M. L., HALPIN, J. G., and CRAVENS, W. W. The effect of vitamin B_{12} supplements and antibiotic feed supplements on egg production and hatchability. Poultry Sci. 31:617-620. July 1952. 47.8 Am33P

76767 SUNDE, M. L., and others. Effect on growth of supplements to chick rations containing vitamin B_{12} and antibiotics. Poultry Sci. 31:571-576. Ref. July 1952. 47.8 Am33P

J. R. Vedvik, H. W. Bruins, and W. W. Cravens, joint authors.

76768 TAKAHASHI, K. Kansho yokeiho, zoho kaitei [Sweet potatoes for better poultry]. Enl. and rev. Nagoya,Japan Poultry J.,1951. 160 p. 47 T132

76769 WORDEN, A. N. Some further developments in poultry nutrition. III. Accredited Poultry Breeders' Fed. Eng. & Wales News Serv. 27:16-17. Spring 1952. 47.8 Ac2

Veterinary Medicine

76770 ALDEBERT, J. C. La spirochetose aviaire. Chambre d'Agr. de Casablanca. B. 22(246):17,19. Oct. 1951. 24 C26

76771 ALLEN, D. W., and WYMAN, J., JR. The oxygen equilibrium of duck hemoglobin. J. Cell. & Compar. Physiol. 39:391-394. June 1952. 444.8 J822

76772 ALMQUIST, H. J., and MERRITT, J. B. Effects of diethylstilbestrol on gains and feed conversions of turkeys. Poultry Sci. 31:748-749. July 1952. 47.8 Am33P

76773 ALMQUIST, H. J. Effects of male sex hormone on gains and feed conversions of hen turkeys. Poultry Sci. 31:747-748. July 1952. 47.8 Am33P

76774 BAUM, E. L., and others. Some economic implications of thiouracil and diethylstilbestrol treatment of turkeys. Poultry Sci. 31:723-729. Ref. July 1952. 47.8 Am33P

H. G. Walkup, W. J. Stadelman, and J. E. Faris, joint authors.

76775 BEGANOVIC, A. H. The antigenic variations of Salm. pullorum in serological typing of strains in Yugoslavia. (In Serbo-Croatian.) Vet. Arh. 21:463-471. Dec. 1951. 41.8 V6416

English summary.

76776 BEGANOVIC, A. H. Quelques observations concernant l'action du bacteriophage sur S. pullorum. (In Serbo-Croatian.) Vet. Arh. 21:421-426. Ref. Dec.1951. 41.8 V6416

French summary.

76777 BERGEON, P. Étude clinique expérimentale des pestes aviaires dans les provinces côtières du Sud Viet-Nam. Rev. d'Elevage et de Méd. Vét. des Pays Trop. 5:1-5. Jan./Mar.1951/1952. 41.8 R3262

Newcastle disease in fowl and pigeon.

76778 BEYER, R. E. The effect of thyroxin upon the general metabolism of the intact chick embryo. Endocrinology 50:497-503. Ref. May 1952. 448.8 En2

76779 BIRD, H. R. The hen is a better chemist than we thought; radioactivity aids poultry nutritionists determine the method of building, within the hen, essential nutrient cystine. Feed Age 2(7):26-28. July 1952. 389.78 F327

Use of radioactive sulfur.

76780 BLACK, N. M., and BENNETT, J. Chemical caponisation with special reference to the use of hexoestrol. Australas. Poultry World 23(10):13,15. May 5,1952. 47.8 Au72

76781 BLOM, B. "Air sac infection"—a field report. Turkey World 28(7):19,60,62. July 1952. 47.38 T84

76782 BLOW, W. L, and GLAZENER, E. W. The appraisal of conformation in broilers. Poultry Sci. 31:654-658. Ref. July 1952. 47.8 Am33P

76783 BOKS, J. T. Intestinal parasites and all that is connected with it. (In Dutch.) Pluimveeteelt 5(12):4. June 6,1952. 47.8 P722

In poultry.

76784 BOLIN, F. M., TURN, J., and EVELETH, D. F. Immunity produced by P. multocida bacterins in chickens. N. Dak. Agr. Expt. Sta. Bimon. B. 14:187-189. May/June 1952. 100 N813B

76785 BONEY, W. A., JR. Salt poisoning in turkey poults. Sowest. Vet. 5:377-385. Ref. Summer 1952. 41.8 So82

76786 BOULANGER, P. Seasonal changes in the coagulability of the blood of turkeys. Canad. J. Compar. Med. 16:222-229. Ref. June 1952. 41.8 C162

76787 BRION, A. La prévention de la coccidiose aviaire. Rev. de l'Elevage 7:249,251. Apr.1952. 49 B462

76788 BUCKNER, G. D., and others. The influence of vitamin D on the growth and ossification of the sterni, tibiae, femora and metatarsi of New Hampshire cockerels. Poultry Sci. 31:628-632. July 1952. 47.8 Am33P

W. M. Insko, Jr., A. H. Henry, and E. F. Wachs, joint authors.

76789 CAMPBELL, J. G. The occurrence of blood filaments or "pseudo-spirochaetes" in certain neoplastic conditions. Brit. Vet. J. 108:191-194. Ref. June 1952. 41.8 V643

Chiefly work on poultry.

76790 CHERNIN, E. The epizootiology of Leucocytozoon simondi infections in domestic ducks in northern Michigan. Amer. J. Hyg. 56:39-57. Ref. July 1952. 449.8 Am3

76791 CHRISTIE, D. G. Fowl pox. Agr. Gaz. N. S. Wales 63:207-211. Apr.1,1952. 23 N42

Chiefly vaccination.

76792 CONFERENCE TO DEVELOP A COORDINATED RESEARCH PROGRAM ON "AIR SAC INFECTION" OF BROILERS, WASHINGTON, 1952. Proceedings, Mar. 11-12, 1952. Washington,U. S. Bur. Anim. Indus.,1952. 91 p. 1.972 P2C76

76793 COX, B. F., and HARKEMA, R. Common poultry parasites. N. C. Agr. Col. Ext. C. 160,rev.,12 p. Dec.1951. 275.29 N811

76794 DARCEL, C. L. Nitrofurazone and avian lymphomatosis. Vet. Rec. 64:400-401. July 5,1952. 41.8 V641

76795 DELAPLANE, J. P. A comparison of the respiratory diseases of chickens of virus origin. Sowest. Vet. 5:373-376. Summer 1952. 41.8 So82

76796 DIXIT, S. G. Salmonellosis in chickens. Indian Vet. J. 28:425-429. May 1952. 41.8 In2

76797 DRIGGERS, J. C., and others. The absorption of Ca^{45} from the various alimentary segments of a chicken. (Abs.) Assoc. South. Agr. Workers. Proc. 49:157-158. 1952. 4 C82
J. P. Feaster, J. T. McCall, G. K. Davis, and N. R. Mehrhof, joint authors.

76798 DRYDEN. Lymphomatosis gets expert study. Fla. Poultry & Dairy J. 18:3,16. Jan.1952. 47.8 F66

76799 EVELETH, D. F., and others. Poultry diseases of North Dakota. N. Dak. Agr. Expt. Sta. B. 366, 43 p. May 1951. 100 N813
A. I. Goldsby, F. M. Bolin, N. Edhlund, and P. Rheault, joint authors.

76800 FERGUSON, A. E., and MORPHET, A. M. Early field diagnosis of blackhead. Canad. Poultry Rev. 76(7):33-34. July 1952. 47.8 C16

76801 FULLER, H. L. Studies on unidentified chick growth factors. (Abs.) Assoc. South. Agr. Workers. Proc. 49:158-159. 1952. 4 C82

76802 GEISSLER, H. Toxoplasmose bei hühnern. Deut. Tierarztl. Wchnschr. 59:166-168. Ref. June 1,1952. 41.8 D482

76803 GEURDEN, L. M. G., and VIAENE, N. Observations on the problem of neurolymphomatosis and leukosis. (In Flemish.) Vlaams Diergeneesk. Tijdschr. 21:73-79. Apr.1952. 41.8 V84
English summary.

76804 GODFREY, E. F. The effects of sex hormone interactions on bone growth and body growth in the domestic fowl. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 156. 1952. 4 C82

76805 GONZALEZ, F. M. La tuberculosis de las gallinas. Chacra 22(260):38. July 1952. 9 C34

76806 GORDON, L. E., BIRKELAND, J., M., and DODD, M. C. Growth of Newcastle disease virus in the embryonated egg. Soc. Expt. Biol. & Med. Proc. 80:205-210. Ref. June 1952. 442.9 So1

76807 GORDON, R. F. The leukosis complex. (Abs.) Poultry Indus. [Milford] 17:268. June 12,1952. 47.8 P8644

76808 HAAS, M. Ueber den wurmbefall. Geflügelhof 15:348. May 30,1952. 47.8 G276
In poultry.

76809 HARDY, W. H. Coccidiosis—how it can be controlled. Everybodys Poultry Mag. 57(6):12,28. June 1952. 47.8 F213P

76810 HARO, M. Las enfermedades de las gallinas. Tierra [México] 7:300-302,338-339. May 1952. 8 T445

76811 HENDERSON, W. The avian leukosis complex. Purdue U. Agr. Ext. L. 342,8 p. May 1952. 275.29 In2L

76812 HEWES, W. E. JR., and STAFSETH, H. J. Pullorum disease studies on turkeys. V. Poultry Sci. 31:632-638. July 1952. 47.8 Am33P

76813 HUSTON, T. M. Ovarian response to mechanical irritation of the oviduct in domestic fowl. (Abs.) Assoc. South. Agr. Workers. Proc. 49:150-151. 1952. 4 C82

76814 LINDGREN, N. O., DINTER, Z., and LAURITZSON, I. A new outbreak of Newcastle disease in Sweden. (In Swedish.) Nord. Vetmed. 4:588-594. Ref. June 1952. 41.8 N813
English summary.

76815 MCGUIRE, W. C., and CAVETT, J. W. Blood studies on histomoniasis in turkeys. Poultry Sci. 31:610-617. Ref. July 1952. 47.8 Am33P

76816 MCGUIRE, W. C., and MOREHOUSE, N. F. Chemotherapy studies of histomoniasis. Poultry Sci. 31: 603-609. Ref. July 1952. 47.8 Am33P
Use of 4-nitrobenzenearsonic acid in feed of turkeys.

76817 MOULLEC, J., and TÉTRY, A. Contribution à l'étude des antigènes érythrocytaires chez la poule. Acad des Sci. Compt. Rend. 234:2560-2562. June 23,1952. 505 P21

76818 MÜLLER, E. Die kückenruhr (pullorumseuche) und der hühnertyphus. Landwirtschaft 11/14:198-199. June/July 1952. 19 L235

76819 NATT, M. P., and HERRICK, C. A. A new blood diluent for counting the erythrocytes and leucocytes of the chicken. Poultry Sci. 31:735-738. Ref. July 1952. 47.8 Am33P

76820 NEWCOMER, E. H. Handling avian chromosomes. Stain Technol. 27:205-208. July 1952. 442.8 St1

76821 OLIVER, W. T. Amidostomiasis in domestic geese. Canad. J. Compar. Med. 16:235-237. June 1952. 41.8 C162

76822 PATRICK, H., and SCHWEITZER, G. K. The influence of certain water soluble vitamins on phosphorus (P^{32}) in bone mineralization. Poultry Sci. 31:750-751. July 1952. 47.8 Am33P

76823 PEROTTI, R. M. Dos enfermedades peligrosas para las aves. Mundo Agr. 4(37):73. June 1952. 9 M92
Bumblefoot and ingluvitis.

76824 PIJUAN, M. Sobre frecuencia de pullorosis. Campo [Sevilla] 11(119):49. Feb.1952. 15 C15
Spain.

76825 POMEROY, B. S. Blackhead is still with us. Minn. Gobbles 7:13,16. June 1952. 47.38 M66

76826 POMEROY, B. S. Bluecomb disease may be costly. Minn. Gobbles 7(2):11,18. July 1952. 47.38 M66

76827 POMEROY, B. S. Diseases of chicks and poults observed during the brooding period. Vet. Med. 47:270-273. July 1952. 41.8 M69

76828 QUINN, J. P., and THOMPSON, C. H.,JR. Effect of Newcastle disease live-virus vaccination of immature White Leghorn pullets on subsequent egg quality. Poultry Sci. 31:695-699. Ref. July 1952. 47.8 Am33P

76829 RAIMO, H. F. What use are feathers on a bird's body. (In Portuguese.) Rev. dos Criadores 23(3):6. Mar.1952. 43.8 R32
Includes poultry.

76830 RAMSAY, W. N. M. Iron metabolism and haemoglobin formation in the embryonated hen egg. 3. Iron in the liver and blood of the hatching chick. Biochem J. 51:289-291. Ref. June 1952. 382 B52

76831 REGAN, R. L., and others. Response of the baby chick to West Nile virus. Soc. Expt. Biol. & Med. Proc. 80:210-212. June 1952. 442.9 So1
W. C. Day, M. P. Harmon, and A. L. Brueckner, joint authors.
Encephalitis produced.

76832 RICHTER, J. Immunization value of inoculation of pigeons against fowl pox. (In Dutch.) Tijdschr. v. Diergeneesk. 77:428-429. June 1,1952. 41.8 T431

76833 ROMIJN, C., FUNG, K. F., and LOKHORST, W. Thyroxine, thiouracil and embryonic respiration in White Leghorns. Poultry Sci. 31:684-691. Ref. July 1952. 47.8 Am33P

76834 ROOS, M. J. Vitality and disease resistance. (In Dutch.) Pluimveeteelt 5(11):3. May 23,1952. 47.8 P722
Poultry.

76835 ROOS, M. J. What now? (In Dutch.) Pluimveeteelt 5(12):1-2. June 6,1952. 47.8 P722
Chiefly on Newcastle disease.

76836 ROOTS, E. Serologische variation bei Salm. gallinarum (S. pullorum) und ihre bedeutung für die serodiagnostik der weissen kükenruhr). Berlin. u. Münch. Tierärztl. Wchnschr. 65:108-111. June 1952. 41.8 B45

76837 ROSENBERG, M. M., MORIKAWA, W., and BUSHNELL, O. A. The effect of increasing concentrations of terramycin on the growth and intestinal microflora of chicks. Poultry Sci. 31:708-714. Ref. July 1952. 47.8 Am33P

76838 SANCTUARY, W. C. Closing the gap in rapid feathering. Poultry Indus. [Boston] 57(5):8. May 1952. 47.8 N44

76839 SANDSTEDT, H., and SVANTESSON, T. Health control of poultry. (In Swedish.) Svensk Jordbrforsk. 1951:202-207. 11 J763

76840 SCHIEL. Geflügelpest und junggeflügelhandel. Landwirtbl. Weser-Ems 99:488-489. May 15,1952. 18 L2345

76841 SCHILLER, S., BENDITT, E.P., and DORFMAN, A. Effect of testosterone and cortisone on the hexosamine content and metachromasia of chick combs. Endocrinology 50:504-510. Ref. May 1952. 448.8 En2

76842 SCHLESINGER, A. B. Analysis of growth of the chick marginal blastoderm. Science 116:64-65. July 18,1952. 470 Sci2

76843 SCOTT, M. L., and HEUSER, G. F. Studies in duck nutrition. 4. Bowed legs in ducks caused by niacin deficiency. Poultry Sci. 31:752-754. July 1952. 47.8 Am33P

76844 STURKIE, P. D. Further studies of potassium deficiency on the electrocardiograms of chickens. Poultry Sci. 31:648-650. July 1952. 47.8 Am33P

76845 THOMPSON, J. J. The basis of disease prevention on the poultry farm. New Zeal. J. Agr. 84: 367,369. May 1952. 23 N48J

76846 TONDO, C. V., and CORREA, O. Pasteurella multocida, inactivated by ultraviolet rays, as an immunizing agent. (In Portuguese.) Rio Grande do Sul. Dir. da Prod. Anim. B. 8(12):34-38. Ref. Feb.1952. 49.9 R47

English summary.

Immunization against fowl cholera.

76847 TOPOLNIK, E., and BEGANOVIC, A. H. Observations sur l'hémoagglutination du virus de la peste atypique aviaire dans les embryons des oeufs des poules immunisées et non-immunisées. (In Serbo-Croatian.) Vet. Arh. 21:399-404. Dec.1951. 41.8 V6416

French summary.

76848 TUBBS, C. R. Poultry in general practice. Sowest. Vet. 5:385-386,392. Summer 1952. 41.8 So82

76849 WASHINGTON. STATE COLLEGE. POULTRY COUNCIL. Avian leukosis complex (Lymphomatosis). Wash. State Col. Ext. B. 361,7 p. June 1952. (Poultry Pointers 33,rev.) 275.29 W27Pou

76850 WASHINGTON. STATE COLLEGE. POULTRY COUNCIL. Turkey troubles. Wash. State Col. Ext. C. 148,rev.,chart. June 1952. 275.29 W27C

Diseases and nutrition problems.

76851 WILEY, J. R. It's blue comb time. East. Feed Merchant 3(7):32,73. July 1952. 389.78 Ea7

76852 WOLBACH, S. B., and HEGSTED, D. M. Endochondral bone growth in the chick. A. M. A. Arch. Path. 54:1-12. July 1952. 448.8 Ar26

76853 WOLBACH, S. B., and HEGSTED, D. M. Hypervitaminosis A and the skeleton of growing chicks. A.M.A. Arch. Path. 54:30-38. July 1952. 448.8 Ar26

76854 WOLBACH, S. B., and HEGSTED, D. M. Vitamin A deficiency in the chick; skeletal growth and the central nervous system. A. M. A. Arch. Path. 54:13-29. July 1952. 448.8 Ar26

Miscellaneous

76855 ABE, Z. Jitsuyo uzura no kaikata [Practical methods of quail raising]. Tokyo,Taibun-kan,1951. 156 p. 47.5 Ab3

76856 BELL, E. A. Die geflügelzucht in Jugoslawien. Geflügelhof 15:430. July 4,1952. 47.8 G276

76857 BERI, S. P. The natural method of hatching. Indian Farming (n.s.)2(2):22,26. May 1952. 22 In283

76858 BIWER, H. Genossenschaftliche geflügelschlachtereien in Dänemark. Deut. Wirtgeflügelzucht. 4:461-463. June 28,1952. 47.8 D483

76859 BLACK, D. J. G. The general farmer as a table poultry producer. Mod. Poultry Keeping 66:680. June 18,1952. 47.8 Eg3

76860 BLACKWELL, W. D., and UPP, C. W. The effect of season and temperature on broiler production in Louisiana. (Abs.) Assoc. South. Agr. Workers. Proc. 49:155-156. 1952. 4 C82

Growth.

76861 BLOUNT, W. P. Some laying battery aspects. Mod. Poultry Keeping 66:677. June 18,1952. 47.8 Eg3

76862 BOBBY, F. C. Fattening, killing, and plucking table poultry. 3. New Zeal. J. Agr. 84:285,287. Apr. 1952. 23 N48J

76863 BROWN, J. C. Low production costs are essential in broiler business. Amer. Poultry J. 83(7):18. July/Aug.1952. 47.8 Am32

76864 BYRNES, D. Handling your growing birds properly from the very start. Albers Egg Maker 29,i.e.28:9-10,17. Spring 1952. 47.8 AL1

76865 CLEMENTS, P. B. Revolutionising range poultry keeping. Poultry Indus. [Milford] 17:266-267. June 12,1952. 47.8 P8644

76866 COLES, R. Progeny testing. Poultry World 91 (1,sup.):i-vii. July 3,1952. 47.8 P8682

76867 CULLING your profitmakers. Successful Farming 50(7):50,86-87. July 1952. 6 Su12

76868 CUNNINGHAM, G. Boom in broilers. Iowa Farm & Home Register, June 1,1952:8-H-9-H. 6 Io94

The industry in Iowa.

76869 DENMARK. LANDSUDVALGET FOR FJERKRAEAVLEN. Beretning om Landsudvalget for Fjerkraeavlens konkurrence mellem hele hønsehold og konkurrence mellem kalkun-, gaase- og andehold 1950-51. [Report on the competition between chicken flocks only and competition between turkey, geese and duck flocks of the National Committee for Poultry Raising, 1950-51]. København,1951. 32 p. 47.9 D41

76870 ENGLER, H. 25 jahre förderung der schweizerischen geflügelzucht. (Excerpts.) Geflügelhof 15:379-382. June 13,1952. 47.8 G276

76871 ENSMINGER, G. A. Broilers. Albers Egg Maker 29,i.e.28:11,14-16. Spring 1952. 47.8 AL1

76872 FANGAUF, R. Ein blick in die geflügelzucht Schwedens. Deut. Wirtgeflügelzucht. 4:429-431. (Concl.) June 7,1952. 47.8 D483

76873 GODFREY, E. F. The effect of environment on estrogenic interruption of broodiness in the domestic fowl. (Abs.) Assoc. South. Agr. Workers. Proc. 49:151. 1952. 4 C82

Responses to light and temperature.

76874 GOLDEN, W. M. Economical turkey raising. Poultry Indus. [Milford] 17:260-261. June 12,1952. 47.8 P8644

76875 GOODING, P. H. Brooding chicks. Clemson Agr. Col. S. C. Ext. C. 130,rev.,10 p. Jan.1952. 275.29 So8E

76876 GRATON, A. Une moyenne de 120 oeufs par poule n'est pas payante. B. des Agr. 34,i.e.48(6):21-22. June 1952. 7 B872

76877 GRATON, A. La saison des dindons approche. B. des Agr. 34,i.e.48(4):38,93,122. Apr.1952. 7 B872

76878 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Egg production in poultry yards. Gt. Brit. Min. Agr. & Fisheries. Adv. L. 386,6 p. May 1952. 10 G79La

Housing and care.

76879 HALL, M. D. Burnley egg-laying competition, final results, 1951-52. Victoria. Dept. Agr. J. 50:177-181. Apr.1952. 23 V66J

76880 HAMBROUCK, K. Calculation in the poultry week. (In Dutch.) Cult. en Handel 18:358-360. June 1952. 80 C892

Brooding, care and egg production.

76881 HANCOCK, C. Chicken of Tomorrow motion picture. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 21-22. 1952. 4 C82

76882 HARDING, C. W. Raising chickens with infrared. Farm Builder 4(4):3-5. July/Aug.1952. 296.8 F222

76883 HASKELL, W. H. Sanitation in the poultry industry. Amer. Egg & Poultry Rev. 14(7):22,24-27,34-35. July 1952. 47.8 Am38

76884 HEGER, E. Vom kückenankauf! Bauer 5(7): 12-13. Feb.16,1952. 19 B32

Factors in egg production.

76885 HOOGENDOORN. As the summer comes. (In Dutch.) Pluimveeteelt 5(13):4. June 20,1952. 47.8 P722

Poultry care.

76886 KENNARD, D. C., and CHAMBERLIN, V. D. Replacement pullets do well indoors on old built-up litter. Ohio Farm & Home Res. [Ohio Sta.] 37:43-44. May/June 1952. 100 Oh3S

76887 KENNARD, D. C., and CHAMBERLIN, V. D. Where shall poultryman raise his roaster chickens? Ohio Farm & Home Res. [Ohio Sta.] 37:45,47. May/June 1952. 100 Oh3S
Cocks.

76888 LANDAUER, W. The hatchability of chicken eggs as influenced by environment and heredity. Conn. (Storrs) Agr. Expt. Sta. B. 262,rev.,223 p. Ref. Dec. 1951. 100 C76S

76889 LANG, H. Amtliche hessische leistungsprüfung für hühnerstämme. Deut. Wirtgeflügelzucht. 4:404-406. May 24,1952. 47.8 D483

76890 LATORRE, L. Explotación de aves en baterías. B. de Zootec. 8:71-83. Mar.1952. 41.9 So16

76891 LEE, C. E. Profitable poultry management. Ed. 20. Cayuga,N. Y.,Beacon Milling Co.,1952. 284 p. 47 L51
Includes diseases.

76892 LITZKI, A. Auszuchtverluste! Deut. Wirtgeflügelzucht. 4:425-426. June 7,1952. 47.8 D483
Chicks.

76893 MCKITTRICK, H. G. A wonderful Royal Easter Show staged again; increased popularity of poultry section. Poultry Farmer [Sydney] 19(41):2-4,6-8,25. (Cont.) Apr. 19,1952. 280.28 Or32

76894 MANGUS, H. D. Are these interesting solutions to turkey problems—facts or fancy? Amer. Poultry J. 83(7):14,29. July/Aug.1952. 47.8 Am32
Care.

76895 MARSDEN, S. J. Turkey raising. U. S. D. A. Farmers' B. 1409,slightly rev.,78 p. May 1952. 1 Ag84F

76896 MARSDEN, S. J. USDA active in turkey research. Turkey World 28(7):20,60. July 1952. 47.38 T84

76897 MARTLAND, J. J. The truth about poultry vices. Farming Gloucestershire 11:13. 1952. 10 F2291

76898 MAUPIN, C. J. R. O. P.'s contribution to poultry improvement in North Carolina. (Abs.) Assoc. South. Agr. Workers. Proc. 49:151-152. 1952. 4 C82

76899 MOORE, M. Cut down labor as you reduce costs, as you save time, as you increase profits. Albers Egg Maker 29,i.e.28:3-4,20-22. Spring 1952. 47.8 AL1

76900 OLSEN, M. W., and MARSDEN, S. J. Pre-seasonal molt in male turkeys. Poultry Sci. 31:715-722. July 1952. 47.8 Am33P

76901 PIJOAN, M. Patos de puesta. Cult. Mod. 35: 173-174. May 1952. 15 C89
Care.

76902 PRESS, S., and others. Beobachtungen über das federfressen. Deut. Wirtgeflügelzucht. 4:413-415. May 31,1952. 47.8 D483
M. Kötschau, H. Henschel and F. Petri, joint authors.

76903 RAGIONIERI, C. For an improved avicultural future in Italy. (In Italian.) Allevatore 8(24):3. June 15, 1952. 49 AL55

76904 RAINFORD, J. The meaning of productive type. Poultry Indus. [Milford] 17:239-240. June 12,1952. 47.8 P8644

76905 RAUCH, W. The influence of egg-shell porosity on the number of chickens hatched from incubating eggs. Poultry Sci. 31:589-594. Ref. July 1952. 47.8 Am33P

76906 RAUCH, W. Uber den einfluss der eischalenporosität auf das schlupfergebnis von bruteiern. Z. f. Tierzücht. u. Züchtbiol. 60:100-106. Ref. Mar.1952. 442.8 Z35

76907 ROF CODINA, J. Cuidados que requieren los polluelos bebés. Balearic Isl. Diputación Prov. B. de Agr. 91:3-4. Apr.1952. 15 B19

76908 RÖMER, R. R. Die aufzucht der küken. Futter u. Fütterung 18:133-135. Feb.1952. 389.78 F98

76909 RÖMER, R. R. Das ei. Deut. Kleintier-Züchter. Ausg. Geflügel 7(11):4-5; (12):4-5; (13):7. June 5-July 5,1952. 47.8 D484

76910 ROMER, R. R. Widersprüche; eine unterhaltung mit einem leser von fachzeitschriften und büchern über tiefeinstreu, krankheiten, blutwechsel, herdbuch, umtrieb und futterverwertung. Geflügelhof 15:415-417. (Cont.) June 27,1952. 47.8 G276

76911 ROSENBERG, M, M., and TANAKA, T. Poultry management studies. III. A comparison of single-comb White Leghorns reared and maintained on litter and wire floors. Hawaii. Agr. Expt. Sta. B. 107,19 p. Ref. June 1952. 100 H313

76912 ROY, K. Will we keep hens in cages? Farm J. 76(8):32-33,102-103. Aug.1952. 6 F2212

76913 SMITH, G. W. Turkey production. Agr. Gaz. N. S. Wales 63:215-220. (Concl.) Apr.1,1952. 23 N472
Rearing and marketing.

76914 SMITH, R. M., and ANDREWS, L. D. The influence of producing sexes separately on growth, feed utilization and dressed grade of broiler. (Abs.) Assoc. South. Agr. Workers. Proc. 49:156-157. 1952. 4 C82

76915 SMITH, R. M., and ANDREWS, L. D. Should sexes be segregated in broiler production? Ark. Farm Res. 1:8. Spring 1952. 100 Ar42F

76916 STACEY, C. G. Some brooding methods are of prime importance. Accredited Poultry Breeders' Fed. Eng. & Wales News Serv. 27:9-10,18. Spring 1952. 47.8 Ac2

76917 STAHEL, R. Eindrücke aus der schwedischen geflügelzucht. Geflügelhof 15:382-384. (Cont.) June 13, 1952. 47.8 G276

76918 STAHEL, R. Eindrücke aus der schwedischen geflügelzucht. Geflügelhof 15:413-415. (Cont.) June 27, 1952. 47.8 G276

76919 TAKAHASHI, K. Yokei no jissai [Practice of poultry-farming]. Osaka,Fuminsha,1952. 269 p. 47 T133

76920 TAYLOR, J. C. "Baby" your flock: fall profits depend on it. N. J Farm & Gard. 23(7):40-41. July 1952. 6 G162

76921 THORNBER, C. The deep litter system. Mod. Poultry Keeping 66:620. (Concl.) June 4,1952. 47.8 Eg3

76922 THORNBER, C., and HALE, M. Deep litter system of poultry keeping. Ed. 2. London,Poultry World, 1952. 96 p. 47 T392

76923 TOMHAVE, A. E., and others. Watch those summer broods! Broiler Growing 3(7):12-13,37-39. July 1952. 47.8 B782
R. M. Smith, J. H. Quisenberry, and W. O. Wilson, joint authors.

76924 U. S. BUR. OF ANIMAL INDUSTRY. Poultry specialty clubs and national associations. U. S. Bur. Anim. Indus. A. H. D. 18,rev.,3 p. July 1952. 1.9 An52AH

76925 VANTRESS, C. What's ahead in meat birds? Hatchery & Feed 26(7):47-50. July 1952. 47.8 H28

76926 WIJK, P. J. New methods in poultry keeping. (In Dutch.) Pels en Pluim 7(11):1-2. May 30,1952. 47.8 P36

76927 WILSON, F. D. Turkeys and turkey rearing. Madras Vet. Col. Annu. 10:43-46. 1951/52. 41.9 M26

76928 WINGARD, S. B. Expert handling helps pullets pay profits. East. States Coop. 28(7):12-13. July 1952. 280.28 Ea7

76929 ZEZZOS, R. Farmyard animals in myth, story, and art. (In Italian.) Allevatore 8(20):7;(24):7.. (Cont.) May 18,June 15,1952. 49 AL55
Geese and cocks.

RABBITS

Breeds and Breeding

76930 GRABMAYER, A. Geschwisterpaarung. Deut. Kleintier-Züchter. Ausg. Kaninchen 7(9):3. May 5,1952. 40.28 D48
Rabbits.

76931 GREEN, A. A. How important are stud bucks? Small Stock Mag. 36(7):22. July 1952. 48.8 P442

76932 HILPERT, O. Meine erfahrungen mit unseren Russenkaninchen. Thür. Kleintierzüchter6:164. (Concl.) May 20,1952. 49 T42

76933 HOUT, F. VAN. The preservation of the intense lightblue color of the blue Beveren rabbit. 1. (In Flemish.) Cult. en Handel 18:354-355. June 1952. 80 C892

76934 IMHOFF, H. Erbfaktor widerstandskraft. Deut. Kleintier-Züchter. Ausg. Kaninchen 7(10):8-9. May 20,1952. 40.28 D48

76935 NELDNER, B. Der weg der angorakaninchenzüchter. Deut. Kleintier-Züchter. Ausg. Kaninchen 7(12): 2-3. June 20,1952. 40.28 D48

76936 NIEHAUS, H. Ergebnisse der Angora-leistungsprüfungen 1951/52 in der Bundesforschungsanstalt für Kleintierzucht, Celle. Deut. Kleintier-Züchter. Ausg. Kaninchen 7(11):2-3. June 5,1952. 40.28 D48

76937 PIEGSA, E. Kommen die "Rüssen" aus England? Deut. Kleintier-Züchter. Ausg. Kaninchen 7(12):1-2. June 20,1952. 40.28 D48

76938 SCHILLING, E., and KORDTS, E. Zur wanderung der spermatozoen im kaninchen-uterus. Z. f. Tierzücht. u. Züchtbiol. 60:73-78. Ref. Mar.1952. 442.8 Z35

76939 WALTHER, A. Das Englische Widderkaninchen Deut. Kleintier-Züchter. Ausg. Kaninchen 7(9):1-3. May 5,1952. 40.28 D48

Feeds and Feeding

76940 HANKE, R. Über das tränken der kaninchen. Osterr. Kleintierzüchter 9/10:75. May 1952. 49 Os7

76941 TEMPLETON, G. S. Protein requirements of rabbits. Coop. Poultryman 17(7):32-33. July 1952. 47.8 C782

Veterinary Medicine

76942 FINK, M. A. Snuffles in the rabbitry. Small Stock Mag. 36(7):21. July 1952. 48.8 P442

76943 GARCIA CARLOS, S. Algo sobre el "vientre hinchado" de los conejos. Cam. Ofic. Sind. Agr. de Barcelona. B. 7:31. Feb.1952. 15 C14

76944 LUND, E. E. Relation of hutch floor construction to parasitism in domestic rabbits. Calif. Rabbit News 13(4):6-7,15. July 1952. 40.28 C12

76945 RICCABONA, I. Die kaninchenkokzidiose. Österr. Kleintierzüchter 11/12:85-87. June 1952. 49 Os7

76946 VÖGELI, F. Ueber den einfluss des lactoflavins auf die experimentelle anaphylaktische augenentzündung des kaninchens. Zürich,1951. 67 p. 41.2 V865

Miscellaneous

76947 BRENDLER, R. A. Keep your rabbits cool. Amer. Rabbit J. 22:84-85. June 1952. 40.28 Am3

76948 DEAN, A. L. Home production of rabbits for meat, pelts, & profits. Calif. Rabbit News 13(4):16-17. July 1952. 40.28 C12

76949 EHLERS, W. F. 1951 Los Angeles County rabbit management study. Small Stock Mag. 36(7):3-4. July 1952. 48.8 P442

76950 HATZFELD, G. H. Let us raise rabbits! (In Portuguese.) Chacaras e Quintais 85:568-570. May 15, 1952. 9.2 C34

76951 HOHLS, W. W. Die anzahl der haare pro qcm felloberfläche beim Angorakaninchen. Deut. Kleintier-Züchter. Ausg. Kaninchen 7(9):6-8. May 5,1952. 40.28 D48

76952 JAGSCH, E. Wie das bewertungsbuch aussehen soll. Deut. Kleintier-Züchter. Ausg. Kaninchen 6(23):1-2. Dec.5,1951. 40.28 D48

76953 NIEHAUS, H. Probleme bei der durchführung von leistungsprüfungen bei kaninchen. Deut. Kleintier-Züchter. Ausg. Kaninchen 6(23):2-3. Dec.5,1951. 40.28 D48

76954 WEIPPERT, H. Ratschläge eines praktikers. Deut. Kleintier-Züchter. Ausg. Kaninchen 7(10):1. May 20,1952. 40.28 D48
Care of Angora rabbits.

SHEEP AND GOATS

Breeds and Breeding

76955 BHATTACHARYA, P., and HAMMOND, J. The lamb's tail in relation to wool type in British breeds and crosses of sheep. J. Agr. Sci. 42:180-183. Jan./Apr.1952. 10 J822

76956 BOUCHILLOUX, S., and MENAGER, J. Sur le systéme phosphatasique du sperme de belier et de taureau. Soc. de Biol. Compt. Rend. 146:223-224. Feb.1952. 442.9 P21

76957 BUCH, E. Objectives of a goat breeder. Capriculturist 10(5):31-32. May 1952. 40.18 C17

76958 CREPIN, P. Le troupeau Astrakan du Tchad. Mouton 7:31-32. Mar.1952. 45.8 M86

76959 DORSET DOWN SHEEP BREEDERS' ASSOCIATION. The Dorset Down flock book, v. XLIV. Dorchester, 1952. 80 p. 43.9 D733

76960 DORSET HORN SHEEP BREEDERS' ASSOCIATION. The flock book of Dorset Horn sheep, v. 61. Dorchester,1952. 55 p. 45.9 D732

76961 DUNCAN, H. R., HOBBS, C. S., and FELTS, J. H. The performance and practicability of producing stock ewes and spring lambs of Hampshire and Dorset breeding. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 57-58. 1952. 4 C82

76962 FRASER, A. S., and HAMADA, M. K. O. Observations on the birthcoats and skins of several breeds and crosses of British sheep. Roy. Soc. Edinb. Proc. Sect. B, Biol. 64:462-477. Ref. 1951/52. 501 Ed4P

76963 FRIEDLAENDER, M. H. G., and FRASER, M. J. Cytochemical reactions of ram spermatozoa. Expt. Cell Res. 3:462-474. Ref. June 1952. 442.8 Ex7

76964 FRIGERIO, J. C. La cabra Toggenburg como lechera. Pampa Argentina 25(293):22. May 1952. 9 P19

76965 GARDINER, H. C. Merino sheep in South Africa. Natl. Wool Grower 42(7):14. July 1952. 45.8 N21N

76966 GREVE S., G. Los Merinos en nuestro porvenir lanero. Agrario 18,i.e.17(433):16-17,23. 1952. 9.3 Ag85
Chile.

76967 HAMPSHIRE DOWN SHEEP BREEDERS' ASSOCIATION. The Hampshire Down flock book, v. 62. Salisbury,1951. 152 p. 45.9 H18F

76968 LEICESTER SHEEP BREEDERS' ASSOCIATION. Flock book of Leicester sheep, v. LX, 1952. Bradford,1952. 67 p. 45.9 L59

76969 ROBERTON, R. J. Border sheep. Scot. Agr. 32:12-15. Summer 1952. 10 Sco82So
Breeds.

76970 SANDE, E. Size of Dala rams exhibited from 1922 to 1950. (In Norwegian.) Norsk Landbr. 18:203-208. June 6,1952. 11 N8122

76971 SARAZA ORTIZ , R. Raza caprina malagueña. Ganadería [Madrid] 10:79-82. Feb.1952. 49 G15

76972 TAYLOR, J. There are sires—and sires. Capriculturist 10:7-8. (Cont.) Jan.1952. 40.18 C17

76973 THOME-PATENOTRE, J. Rambouillet gardien de la tradition ovine. Mouton 7:61-62. June 1952. 45.8 M86

76974 VIEIRA, G. V. N. Flock book of Brazilian [sheep] and its true aims. (In Portuguese.) Rio Grande do Sul. Dir. da Prod. Anim. B. 8(12):40-44. Feb.1952. 49.9 R47

76975 WILLIAMS, S. B. Sheep breeding in Canada. Canad. Soc. Anim. Prod. Proc. 1951:44-48. 49.9 Ea72

Feeds and Feeding

76976 KRAINOV, I. D. Feeding, maintenance and care of sheep during the winter stable period. (In Russian.) Sotsialist. Zhivotnovod. 13(12):13-17. Dec. 1951. 49 So71

76977 MINOR element restores normal crimp to straight wool; harmful effect of copper deficiency in coastal pastures overcome by dosing. Farmer's Wk. [Bloemfontein] 83:14-15,17. June 4,1952. 24 F225

76978 MONROE, R. A., and others. Vitamin B_{12} biosynthesis after oral and intravenous administration of inorganic Co^{60} to sheep. Soc. Expt. Biol. & Med. Proc. 80: 250-257. Ref. June 1952. 442.9 So1
H. E. Sauberlich, C. L. Comar, and S. L. Hood, joint authors.

76979 NUTT, W. C. More profits for lamb feeders. Sheep & Goat Raiser 32(9):30-32. June 1952. 45.8 Sh3

76980 PALSSON, H., and VERGES, J. B. Effects of the plane of nutrition on growth and the development of carcass quality in lambs. I-II. J. Agr. Sci. 42:1-149. Ref. Jan./Apr.1952. 10 J822

76981 PALSSON, H., and SVEINSSON, R. Fitun sláturlamba á raektuðu landi [Fattening of lambs on cultivated land]. Reykjavík,1952. 32 p. 11 R33A
English summary.

76982 ZAMURAEV, I. V. To utilize the autumn-winter pastures for sheep. (In Russian.) Sotsialist. Zhivotnovod. 13(12):25-26. Dec.1951. 49 So71

Veterinary Medicine

76983 BARBARO, A. D'A. On the in vitro behavior of protozoan fauna in the rumen of goats in the presence of vitamins, IV. Action of vitamin K. (In Italian.) Soc. Ital. di Biol. Sper. B. 27:1551-1552. Dec.1951. 442.8 So12

76984 BLACK, S. L. Liver fluke disease of sheep. Agr. Gaz. N. S. Wales 63:195-198. Apr.1,1952. 23 N472

76985 COTTEW, G. S., SUTHERLAND, A. K., and MEEHAN, J. F. Melioidosis in sheep in Queensland. Austral. Vet. J. 28:113-123. Ref. May 1952. 41.8 Au72

76986 CREPIN, P. Quelques conseils à propos de la mise bas caprine. Mouton 7:44. Apr.1952. 45.8 M86

76987 DAVIS, C. L., and SHORTEN, H. L. Carcinoma of the eye of sheep. Amer. Vet. Med. Assoc. J. 121(904): 20-24. July 1952. 41.8 Am3

76988 FRANCIS, J. Chemotherapeutic response of the organism causing enzootic abortion in ewes. J. Compar. Path. & Ther. 62:214-219. Ref. July 1952. 41.8 J82

76989 HOLMAN, H. H., PATTISON, I. H., and GORDON, W. S. Studies on experimental streptococcal mastitis. VII. Immunological studies in goats. J. Compar. Path. & Ther. 62:196-213. Ref. July 1952. 41.8 J82

76990 MOIR, R. J., and MASSON, M. J. An illustrated scheme for the microscopic identification of the rumen microorganisms of sheep. J. Path & Bact. 64:343-350. Ref. Apr.1952. 448.8 J82

76991 MORGAN, D. O., PARNELL, I. W., and RAYSKI, C. Worm infestations in Scottish hill sheep. Scot. Agr. 32:46-53. Summer 1952. 10 Sco82So

76992 MOUREU. Observations sur une épidémie d'eaux-rousses. Mouton 7:67. June 1952. 45.8 M86

76993 MULES, M. W. A technique for the collection of samples of uncontaminated faeces from sheep. Austral. Vet. J. 28:126. May 1952. 41.8 Au72

76994 MURA, D., ALTIERI, M., and CONTINI, A. Investigation of abortion in sheep caused by Salmonella. (In Italian.) Zooprofilassi 7:210-212. May 1952. 41.8 Z72
Spanish summary.

76995 OKLJESA, B., MILUNOVIĆ, M., and PELICARIĆ, J. Streptococcus agalactiae in a goat. (In Serbo-Croatian.) Vet. Arh. 21:389-398. Ref. Dec.1951. 41.8 V6416
English summary.

76996 PÁLSSON, H. Be on guard against dysentery in lamb. (In Icelandic.) Freyr 47:155-156. May 1952. 11 F89

76997 PINO, N. and BIONDO, G. Hormone castration of mammals - experimental tests on rams. (In Italian.) Soc. Ital. di Biol. Sper. B. 27:1546-1548. Dec.1951. 442.8 So12

76998 POPE, A. L. Let's make drenching pay. Wis. Coop. Wool Growers News 17(11):4. June 1952. 280.28 W882
Sheep.

76999 POPJÁK, G., GLASCOCK, R. F., and FOLLEY, S. J. Incorporation of [carboxy-^{14}C]-acetate into lactose and glycerol by the udder of the lactating goat. Biochem. J. 51:xxv-xxvi. June 1952. 382 B52

77000 PRICE, D. A. Human infection with contagious ecthyma of sheep. Sowest. Vet. 5:344. Summer 1952. 41.8 So82

77001 SNOCK, L. C. Cobalt, its use to control "wasting disease." West. Austral. Dept. Agr. J. (ser.3)1: 270-273. Mar./Apr.1952. 23 W52J
In sheep and cattle.

77002 TOOP, C. R. "Swelled head" in rams. West. Austral. Dept. Agr. J. (ser.3)1:177-179. Mar./Apr.1952. 23 W52J

77003 UNION OF SOUTH AFRICA. DEPT. OF AGRICULTURE. DIV. OF VETERINARY SERV. Worms in sheep, goats and cattle. Farming So. Africa 26:149-155,160. May 1951. 24 So842

77004 VERON, H. A. Black disease (infectious necrotic hepatitis). Wilcox Mofflin Q. 7(1):1-7. Apr. 1952. 23 W64
In sheep.

77005 VERON, H. A. Photosensitisation. Wilcox Mofflin Q. 6(3):1-5. Oct.1951. 23 W64
In sheep.

77006 WEEKS, M. H., KATZ, J., and FARNHAM, N. G. Organic and inorganic iodine levels in serum of sheep receiving daily oral doses of I^{131}. Endocrinology 50:511-520. Ref. May 1952. 448.8 En2

77007 ZAMIR, D. Docking the tails of sheep. (In Hebrew.) Hassadeh 32:251. Feb.1952. 26 H27

77008 ZETTL, J. Die lungenwurmseuche bei schafen. Osterr. Kleintierzüchter 11/12:94. June 1952. 49 Os7

Miscellaneous

77009 BJÖRNSSON, A. Kviskerjum sheep. (In Icelandic.) Búnaðarrit 65:96-103. 1952. 11 B88

77010 BRYNARD, B. Enemy number one of the sheep farmer; what is the best way to catch jackals? (In Afrikaans.) Landbouweekblad 33(1710):25-26. Apr. 23,1952. 24 L232

77011 CASEBEER, A. J. The value of "showing" at the fairs. Capriculturist 10(5):12. May 1952. 40.18 C17

77012 CORTES VILLARREAL, M. Trashumar—hasta cuando? Ganadería [Madrid] 10:66-68. Feb.1952. 49 G15
Sheep.

77013 COSSETTE, M. Revenons à nos moutons. B. des Agr. 34,i.e.48(4):20-23. Apr.1952. 7 B872
Sheep care.

77014 DAME, R. B. Goats—characters—intelligence. Capriculturist 10(5):17-18. May 1952. 40.18 C17
Includes feeding for milk production.

77015 FAREY, E. A. Sheep in the South-West. Gt. Brit. Min. Agr. Agriculture 59:177-180. July 1952. 10 G79J

77016 GUÐMUNDSSON, B. Sheep farming in the East Skaftafell districts. (In Icelandic.) Búnaðarrit 65:84-95. 1952. 11 B88

77017 HORTON, C. M. Practical care for the dairy goat. Capriculturist 10(3):22-23. Mar.1952. 40.18 C17
Includes feeding.

77018 KINSMAN, D. M., and RIDDELL, W. H. Sheep in Vermont. Vt. Agr. Expt. Sta. Pam.27,8 p. June 1952. 100 V59P

77019 KRAEV, I. A., and ZOBKOV, N. P. A leading farm of Romanovsk sheep [at Lenin Kolkhoz, Shuiskii District, Ivanovo Region]. (In Russian.) Sotsialist. Zhivotnovod. 14(1):49-52. Jan.1952. 49 So71

77020 LAMOND, H. G. Handling weaners. Past. Rev. 62:482-483. (Cont.) May 16,1952. 23 Au75
Sheep.

77021 LIEBERMANN, J. En los pueblos y estancias de Santa Cruz se está forjando la raza del sur argentino. Mundo Agr. 4(37):23-24. June 1952. 9 M92
Sheep.

77022 MCGARRY, W. L., and BUTLER, M. Sheep crutching technique. West. Austral. Dept. Agr. J. (ser.3) 1:127-145. Mar./Apr.1952. 23 W52J

77023 MARION, F. Children and dairy goats. Dairy Goat J. 30(7):4. July 1952. 40.18 M592

77024 MEL'NIK, M. I. A farm of fine-wool sheep on Lenin Collective Farm [in Orininskii District, Kamenets-Podolsk Region]. (In Russian.) Sotsialist. Zhivotnovod. 14(1):47-48. Jan.1952. 49 So71

77025 NATIONAL WOOL GROWERS ASSOCIATION. We must have more wool and lamb; a program for increased production. Salt Lake City,1952. 28 p. 45 N213We

77026 NEGISHI, H. Nyu-yo yagi no kaikata [Raising of milk-goats]. Tokyo,Keiyusha,1951. 201 p. 40.1 N31

77027 NEVZOROV, G. A. Lenin Collective Farm [in Krasnodar Territory] is successfully developing fine-wool sheep raising. (In Russian.) Sotsialist. Zhivotnovod. 13(12):18-24. Dec.1951. 49 So71

77028 PÁLSSON, H. Ram shows in the fall of 1951. (In Icelandic.) Búnaðarrit 65:104-158. 1952. 11 B88

77029 PÁLSSON, H. Sheep progeny shows in 1951. (In Icelandic.) Búnaðarrit 65:159-177. 1952. 11 B88

77030 PHILLIPS, R. Mutton from Machynlleth. Gt. Brit. Min. Agr. Agriculture 59:105-108. June 1952. 10 G79J
The influence of climate on fat lamb and sheep production in Wales.

77031 PYSHENKIN, A. D. Nine kilograms of wool from every ewe. (In Russian.) Sotsialist. Zhivotnovod. 14(1):45-46. Jan.1952. 49 So71

77032 RALSTON PURINA CO. LIVESTOCK RESEARCH DEPT. The Purina program for dairy goats. St. Louis,1951? 13 p. 40.1 R13

77033 ROMER, C. W. Longevity of production. Capriculturist 10:5-7. Jan.1952. 40.18 C17

77034 ROMER, C. W. Scoring and comparative rating of dairy goats. Capriculturist 10(3):5-7. Mar.1952. 40.18 C17

77035 ROMERO, F. R. El ganado lanar en España y sus principales tipos de producción. Ganadería [Madrid] 10:69-72. Ref. Feb.1952. 49 G15

77036 SAGNE, J. Le concours-exposition de la région d'Aumale-Sidi-Aissa pour l'espèce ovine. Elevage et Cult. 4(41):13-15. May 1952. 24 EL2

77037 SIEDENTOPF, H. A. Fehlerhafte wollbeschaffenheit und wollbehandlungsfehler. Tierzüchter 4:310-312. June 20,1952. 49 T445

77038 TAYLOR, J. B. Do our domestic sheep meet the need? Sheep & Goat Raiser 32(9):14-15,38. June 1952. 45.8 Sh3
In quality of wool.

77039 THOMPSON, D. S. Good husbandry and increased production. Tasmanian J. Agr. 23:161-164. May 1952. 23 T182T
Sheep.

77040 WAGNON, A. Conseils aux eleveurs pour la tonte et la vente des laines. Mouton 7:39-40. Apr.1952. 45.8 M86

SWINE

Breeds and Breeding

77041 BAUER, H. Umrauschen der mutterschweine. Tierzüchter 4:301-302. June 20,1952. 49 T445

77042 BELOVA, E. 23.5 piglings from one sow in a year. (In Russian.) Sotsialist. Zhivotnovod. 13(12):42-44. Dec.1951. 49 So71

77043 BOEGER. Wirtschaftliche schweinezucht und -mast. Landwirt. Z. der Nord-Rheinprov. 119:564-565. May 31,1952. 18 L2344

77044 BRUGGEMANN. 60 jahre Schweinezuchtverband Westfalen-Lippe. Tierzüchter 4:308-310. June 20, 1952. 49 T445

77045 CANO, E. El cerdo Berkshire y su standard. Campesino [Santiago] 84(4):45,47. Apr.1952. 9.3 So12

77046 CRAFT, W. A. Research results in the Regional Swine Breeding Laboratory. (Abs.) Assoc. South. Agr. Workers. Proc. 49:58. 1952. 4 C82

77047 EVANS, B. R. For 70 years Duroc breeders weather the storms. Duroc News 26(7):20-21,25. July 1952. 46.8 N212

77048 FELIU, S. Selección de reproductores porcinos. Chacra 22(259):42-43. June 1952. 9 C34

77049 GRAY, J. You'll want membership in a Duroc association. Duroc News 26(7):267. July 1952. 46.8 N212

77050 HAGEDOORN, A. L. But where is the ideal pig? Farmers Wk. [London] 37(2):52-53. July 11,1952. 10 F2226
Breeds and breeding.

77051 IDVALL, S. A first class mother sow. (In Swedish.) Kalmar Läns Norra Hushsällsk. Kvrtlskr. 12: 11-13. 1952. 11 K12

77052 JESPERSEN, J. Measures to promote pig production; breeding centres and progeny-testing stations. Dan. Foreign Off. J. 5:17-22. 1952. 286.8 D22

77053 KIRSCH, M. Die schweinezucht in Oberösterreich im jahre 1951. Bauer 5(9):10-11. Mar.1,1952. 19 B32

77054 KRISTJANSSON, F. K., and FRASER, E. B. Swine improvement through breeding. Canad. Soc. Anim. Prod. Proc. 1951:49-54. 49.9 Ea72

77055 KUDRÎAVTSEV, P. N. Industrial crossing in swine breeding. (In Russian.) Sovet. Zootekh. 7(2):38-60. Feb.1952. 49 So822

77056 LONGWILL, A. Selection of breeding sows within the herd. New Zeal. J. Agr. 84:281-282. Apr.1952. 23 N48J

77057 MITCHELL, C. W. Let's promote Polands. Poland China World 39(7):6-7. July 1952. 46.8 Sw62

77058 SMITH, L. H. It pays to promote. Duroc News 26(7):60-61,63-66. July 1952. 46.8 N212
Durocs.

77059 STOTHART, J. S. Le choix des sujets reproducteurs. Digeste de l'Eleveur 6(8):28-29. Apr.1952. 49 D56
Swine.

77060 VARADIN, M. Die wirkung des serums trächtiger stuten auf die fortpflanzung der sauen. (In Serbo-Croatian.) Vet. Arh. 21:345-357. Ref. 41.8 V6416
German summary.

77061 VOITKO, D. I. Swine raising on the pedigreed breeding state farms. (In Russian.) Sotsialist. Zhivotnovod. 13(12):75-84. Dec.1951. 49 So71

77062 WALDO, W. H. How PR [Production Registry] can help the purebred Duroc breeder. Duroc News 26(7): 247. July 1952. 46.8 N212

77063 ZELLER, J. H. New breeds of meat-type hogs developed by research. U. S. Bur. Anim. Indus. A. H. D. 144,5 p. June 1952. 1.9 An52Ah

Feeds and Feeding

77064 BEESON, W. M. Utilization of soybean oil meal by swine and beef cattle. Feedstuffs 24(26):36-39. June 28,1952. 286.81 F322

77065 BELL, J. M. Animal protein factor in swine rations. Canad. Soc. Anim. Prod. Proc. 1951:23-25. 49.9 Ea72

77066 BELLE, G. Le facteur A. P. F.; quelques considérations—expérimentation sur des porcs. Terre Marocaine 26:174-178. May 1952. 24 T44

77067 BOWLAND, J. P., and MCELROY, L. W. Vitamin B_{12} and antibiotic feed supplements for growing and fattening livestock. Canad. Soc. Anim. Prod. Proc. 1951: 26-34. 49.9 Ea72
For swine and steers.

77068 BRAUDE, R. Substitute for the sow. Farmers Wk. [London] 36(25):59,61. June 20,1952. 10 F2226
Artificial foods.

77069 BUTLER, J. K., and BARRICK, E. R. Field studies on the effect of aureomycin in protein supplements of growing and fattening pigs on ladino clover pastures in North Carolina. (Abs.) Assoc. South. Agr. Workers. Proc. 49:59. 1952. 4 C82

77070 CLEMMER, C. W. Pastured pork costs less. East. States Coop. 28(7):6-7. July 1952. 280.28 Ea7

77071 DINUSSON, W. E., and others. Antibiotic supplements in rations of growing-fattening pigs. N. Dak. Agr. Expt. Sta. Bimon. B. 14:196-202. Ref. May/June 1952. 100 N813B
E. W. Klosterman, G. C. Holm, and M. L. Buchanan, joint authors.

77072 FERRIN, E. F. A new era? Chester White J. 42(7):15. July 1952. 46.8 W582
Synthetic sow's milk, pig hatcheries, antibiotics in swine nutrition.

77073 GROSSMAN, J., OLIVEIRA, W. M. DE, and CREMER, C. L. Trial of different systems of feeding swine. (In Portuguese.) Rio Grande do Sul. Dir. da Prod. Anim. B. 8(12):3-16. Feb.1952. 49.9 R47

77074 HILL, H., and RADTKE, H. Die anwendung von vitamin-B_{12}-haltigen antibiotikaruckständen bei älteren läuferschweinen. Deut. Tierarztl. Wchnschr. 59:199-202. July 1,1952. 41.8 D482

77075 IOFFE, A. Our practice in semi-bacon fattening of swine. (In Russian.) Miàsnaîa Indus. SSSR. 22(5):73-77. Sept./Oct.1951. 50.8 M58

77076 JONES, H. W. Pasture the feed saver. Duroc News 26(7):34-35. July 1952. 46.8 N212
For swine.

77077 KABOZOV, S. M. Protein-vitamin paste as a substitute for feeds of animal origin in the rations of growing pigs and calves. (In Russian.) Kormovaîa Baza 2(12):41-44. Dec.1951. 60.8 K84

77078 KATZENELSON, M. Pastizales de invierno. Chacra 22(259):40. June 1952. 9 C34
Swine feeding.

77079 LASLEY, J. F. Hog menus are important to you. Here are the latest developments in the field of swine nutrition. Duroc News 26(7):100-101,104-105,108,110,112-113,116. July 1952. 46.8 N212

77080 LASLEY, J. F. What's new in nutrition. Chester White J. 42(7):11,13-14. July 1952. 46.8 W582

77081 LEHRER, W. P., JR., WIESE, A. C., and MOORE, P. R. Biotin deficiency in suckling pigs. J. Nutr. 47:203-212. June 10,1952. 389.8 J82

77082 MCCAY, C. M. Research finds a better way to feed hogs. East. States Coop. 28(7):8-9. July 1952. 280.28 Ea7

77083 MCCORMICK, W. C., and SOUTHWELL, B. L. Auremoycin—vitamin B-12 for pigs hogging-off crops. (Abs.) Assoc. South. Agr. Workers. Proc. 49:59. 1952. 4 C82

77084 NISSEN, M. Grass and green feed for the pigs. (In Danish.) Dansk Landbr. 71:275-276. June 12,1952. 280.28 V91

77085 OBRITZHAUSER, W. Die verwendung von milokorn in der schweinemast. Bundesanst. f. Alpine Landwirt. Versergeb. 17,14 p. 1952. 19 Ad6V

77086 PARTANEN, J. Kuoritun maidon ravintoarvosta lihotussikojen ruokinnassa. Uber den nährwert der magermilch bei der schweinemast. Helsinki,1952. 10 p. 20 F495
German summary.

77087 PEIXOTO, A. M., and RETZ, G. A. Experiment in swine fattening. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:69-82. Mar./Apr.1952. 9.2 R324
English summary.

77088 PERRON, J. Les étapes du sevrage des porcelets. Digeste de l'Eleveur 6(9):17-19. May 1952. 49 D56

77089 READ, H. What is your hog-feeding problem? Successful Farming 50(7):33,60-61,107. July 1952. 6 Su12

77090 RICHARDS, K. L. Pig feeding. Countryman [Nicosia] 6(3):4-7. Mar.1952. 25 C83

77091 RICHTER, K. Hackfruchtverwertung bei schweinen. Landbforsch. Völkenrode 1:31-34. Oct.1951. 18 L2353

77092 ROBINSON, K. L., COEY, W. E., and BURNETT, G. S. Influence of the scale of feeding on the response of pigs to procaine penicillin. Chem. & Indus. 25:562. June 21,1952. 382 M31C

77093 SCHMIDHAMMER, G. Immer noch zu wenig schweineweiden! Kärntner Bauer 102:295. May 10,1952. 19 K14

77094 SHANKS, P. L. The use of an aureomycin fermentation product ("aurofac") in the treatment of unthrifty pigs. Vet. Rec. 64:365-366. June 21,1952. 41.8 V641

77095 TRUSOV, N. V. Swine fattening by utilizing fresh fish waste. (In Russian.) Sofsialist. Zhivotnovod. 14(1):18-23. Jan.1952. 49 So71

77096 USTINOV, V. G., and SHARETSKII, V. E. Swine fattening on collective farms in the Kuban Area. (In Russian.) Sofsialist. Zhivotnovod. 14(1):31-37. Jan. 1952. 49 So71

77097 WALLACE, H. D., COMBS, G. E., and CUNHA, T. J. Amino acid, ferrous sulfate, fish solubles, and antibiotic B_{12} additions to cottonseed meal rations for weanling pigs. (Abs.) Assoc. South. Agr. Workers. Proc. 49:60. 1952. 4 C82

77098 WILSON, R. F. Antibiotics for pigs over 125 pounds. S. Dak. Farm & Home Res. [S. Dak. Sta.] 3:55-58. Spring 1952. 100 So82S

77099 WOHLBIER, W., and NECKERMANN, L. Der nährwert von kartoffelflocken und presskartoffeln, nach versuchen an schweinen. Arch. f. Tierernähr. 2:166-176. Sept./Dec.1951. 389.78 Ar22

77100 WOLFSEGGER. Abspänferkel-fütterung. Bauer 5(6):15-16. Feb.9,1952. 19 B32

Veterinary Medicine

77101 ALBERTA. DEPT. OF AGRICULTURE. VETERINARY SERV. BR. Diseases of suckling pigs, by J. G. O'Donoghue. Edmonton,1951. 6 p.-folder. 41 AL15D

77102 ALICATA, J. E., and RICCI, M. Research on trichinosis in Italy. (In Italian.) Ist. Super. di Sanit. Rend. 15:36-41. 1952. 449.9 R66
English summary.
Includes swine.

77103 BAUER, A. G. Rabies in swine. (In Portuguese.) Rio Grande do Sul. Dir. da Prod. Anim. B. 8(12): 39. Feb.1952. 49.9 R47
In Brazil.

77104 CANDINAS, L. Eine hormonale methode zur ausschaltung des geschlechtstriebes und erhöhung der mastleistung beim weiblichen schwein. Disentis,Condrau, 1951. 59 p. Ref. 444 C16

77105 CORDIEZ, E. Les réserves en vitamine A du porcelet nouveau-né. Ann. de Méd Vét. 96:141-158. Ref. May.1952. 41.8 An78

77106 CORREA, O., and GLOSS, R. Use of sodium fluoride in ascariasis of swine. (In Portuguese.) Rio Grande do Sul. Dir. da Prod. Anim. B. 8(12):17-27. Feb. 1952. 49.9 R47

77107 GELORMINI, N. Ascaridosis del cerdo. Chacra 22(260):40. July 1952. 9 C34

77108 GOBEL, F. Die kastration der weiblichen schweine und binneneber. Tierärztl. Umschau 7:227-231. Ref. July 1952. 41.8 T445

77109 GRASSNICKEL. Uber die anwendung von Othromin sol. puriss. ad injekt., insbesondere bei der ferkelgrippe. Monatsh. f. Vetmed. 7:213-215. June 1, 1952. 41.8 M742

77110 GRAY, C. W. Field observations—atrophic rhinitis. Norden News 27,i.e.26(8):10,18. May/June 1952. 41.8 N75
Swine.

77111 GUTHRIE, J. E. Nitrofurazone as a therapeutic agent in Salmonella choleraesuis enteritis of young pigs. Vet. Med. 47:307-314. Ref. Aug.1952. 41.8 M69

77112 HALE, F. Care of the brood sow at farrowing time. Sowest. Vet. 5:442-444. Summer 1952. 41.8 So82

77113 HASSLER, L. Some points of view concerning intraabdominal anesthesia in young pigs. (In Swedish.) Nord. Vetmed. 4:599-603. Ref. June 1952. 41.8 N813
English summary.

77114 HIPPMANN. Uber die bedeutung der kristallviolett-vakzine (kvv) bei der bekämpfung der schweinepest. Deut. Tierarztl. Wchnschr. 59:168-169. June 1, 1952. 41.8 D482

77115 KOHM, A., and BAUER, H. Sanierung einer gesundheitlich und wirtschaftlich zusammengebrochenen schweinezucht. Deut. Tierärztl. Wchnschr. 59:177-179. June 15,1952. 41.8 D482

77116 LOSKY, R. F. Lechones perdidos. Rev. Ganad. [Habana] 12(5):51-57. May 1952. 49 R321

77117 LUKE, D. Studies in tuberculous sensitivity in the pig. III. The tuberculin skin reaction in the sow. Vet. Rec. 64:344-345. June 7,1952. 41.8 V641

77118 MONLUX, A. W., and others. Leptospirosis in hogs. No. Amer. Vet. 33:467-469. July 1952. 41.8 N812
H. R. Seibold, W. T. Shalkop, and C. L. Davis, joint authors.

77119 PETROVIC, D. Der diagnostische wert des qualitativen blutbildes beim rotlauf der schweine. (In Serbo-Croatian.) Vet. Arh. 21:249-264. July 1951. 41.8 V6416
German summary.

77120 RICE, C. E., and others. Studies of swine erysipelas. III. Antigenic characteristics of strains of Erysipelothrix rhusiopathiae isolated in different areas in Canada. Canad. J. Compar. Med. 16:195-204. May 1952. 41.8 C162
J. L. Byrne, R. Connell, L. W. Moynihan, and J. F. Frank, joint authors.

77121 RICE, C. E., and others. Studies of swine erysipelas. IV. Serological diagnosis in swine. Canad. J. Compar. Med. 16:209-215. June 1952. 41.8 C162
R. Connell, J. L. Byrne, and P. Boulanger, joint authors.

77122 SCHANG, P. J., PAVE, S., and LARROUX, S. J. Persistencia del virus de la viruela de los lechones. Asoc. Argentina Criadores de Cerdos. Rev. 31(358):25-26. June 1952. 46.9 As5

77123 SPEAR, M. L. Does our program for swine diseases need overhauling? Duroc News 26(7):68-73,75, 77,79-81. July 1952. 46.8 N212

77124 TACKEN, P. H. W. Muscular degeneration of pigs, an acute physchosomatic decomposition on the basis of an unstable physiological chemical balance. (In Dutch.) Tijdschr. v. Diergeneesk. 77:487-500. July 1,1952. 41.8 T431
English summary.

77125 TWIEHAUS, M. J. Infectious atrophic rhinitis of swine. Sowest. Vet. 5:411-414. Ref. Summer 1952. 41.8 So82

77126 UNSWORTH, K. An outbreak of T[rypanosoma] simiae infection in pigs in Nigeria and its attempted control using antrycide methyl sulphate. Vet. Rec. 64:353-354. June 14,1952. 41.8 V641

77127 WHITTLESTONE, W. G. The distribution of fat-globule size in sow's milk. I. The effect of sampling at intervals throughout milking. J. Dairy Res. 19:127-132. June 1952. 44.8 J823

77128 WHITTLESTONE, W. G., and TURNER, C. W. Effect of acetylcholine on mammary gland of the lactating sow. Soc. Expt. Biol. & Med. Proc. 80:194-196. Ref. June 1952. 442.9 So1

77129 WHITTLESTONE, W. G., BASSETT, E. G. and TURNER, C. W. A phylogenetic study of the milk "let-down" hormone. Soc. Expt. Biol. & Med. Proc. 80:191-194. June 1952. 442.9 So1
In the sow.

77130 WIESSNER, W. Die kombinierte penicillin-formolvakzine-behandlung des schweinerotlaufes. Wien Tierärztl. Monatsschr. 39:352-368. Ref. June 1952. 41.8 T345
English summary.

Miscellaneous

77131 ALBRECHT, R. Production testing; increase profits by selecting sows from 56-day weights. Prairie Farmer. Gen. Ed. 124(10):5,33. May 17,1952. 6 P883

77132 BLOUNT, W. P. A modern approach to pig production. Pig Breeders' Gaz. 70:73,75,77-78. July 1952. 46.8 N21

77133 BRAUN, D. They're trailblazing in research—pig projects [of Hormel Institute]. Duroc News 26(7):120,125-126,129-131. July 1952. 46.8 N212

77134 BURR, H. Pigs in Cornwall. Gt. Brit. Min. Agr. Agriculture 59:180-184. July 1952. 10 G79J

77135 CAPUTO, J. How to fit barrows and show them. Duroc News 26(7):29. July 1952. 46.8 N212

77136 COLE, J. W., and others. The effect of a synthetic sex hormone and time of treatment upon carcass quality of swine. (Abs.) Assoc. South. Agr. Workers. Proc. 49:61. 1952. 4 C82
R. L. Murphree, E. R. Lidvall, and C. S. Hobbs, joint authors.

77137 DIETZ, A. Uberprüft einmal eure zuchtsauen! Landwirt. Z. der Nord-Rheinprov. 119:622. June 14, 1952. 18 L2344

77138 FAGAN, V. J. Care of pigs on dairy farms during the winter. Austral. Dairy Rev. 20(5):9,16. May 1, 1952. 44.8 Au73

77139 FURUYA, H. Buta no kaikata [How to raise pigs]. Tokyo,Taibunkan,1951. 249 p. 46 F98

77140 GRANT, R. Pigs and poultry. 8. Pigs love a bit of shade. Grower [London] 37:1384-1385. June 21, 1952. 286.83 M34

77141 GUTIERREZ ACEBES, M. Del ganado de cerda. Zamora. Junta Prov. de Fomento Pecuario. B. 11(119):5-7. Jan.1952. 49.9 Sp13

77142 HAMMOND, J. Review of production requirements. Kent Farmer 1:73. Mar.1952. 10 K412
Swine production.

77143 HEITMAN, H., JR. Sanitation pays. Nulaid News 30(3):19. July/Aug.1952. 47.8 N917
Swine care.

77144 HOGE, E. So you're having a bred sow sale. Duroc News 26(7):259. July 1952. 46.8 N212
Care.

77145 MIÑANO, G. There is money in swine raising. Gard. & Farm 1(5):14,18,22,27-28,33,38. (Cont.) Nov. 1951. 25 G16

77146 OWTRAM, I. H. Good pig breeding stock should receive good treatment. New Zeal. J. Agr. 84(5): 373,375. May 1952. 23 N48J

77147 PIFER, R. W. Here's how agricultural colleges help you. Duroc News 26(7):260-262. July 1952. 46.8 N212

77148 QUAIFE, E. L. Pig production; feeding and management of the brood sow and litter. Iowa. Agr. Expt. Sta. B. P113:813-831. Feb.1952. 100 Io9

77149 QUINTANA, M. M. The calendar in swine production. III. Winter. (In Portuguese.) Granja [Porto Alegre] 8(59):45,52. Feb.1952. 9.2 G76

77150 SUZDAL'TSEVA, N. V. Achievements of Dzerzhinskiĭ Collective Farm in the development of swine raising. (In Russian.) Sotsialist. Zhivotnovod. 14(1):58-63. Jan.1952. 49 So71

77151 THOMPSON, J. I. California FFA'ers raise hogs right. Duroc News 26(7):291. July 1952. 46.8 N212

77152 ZELLER, J. H. Swine production. U. S. D. A. Farmers' B. 1437,rev.,38 p. 1952. 1 Ag84F

ENTOMOLOGY

GENERAL

77153 ANDER, K. Mitteilung über die im Entomologischen Museum zu Lund befindlichen typen. Opusc. Ent. 17:77-79. 1952. 421 Op7

77154 AUTRUM, H., and STOCKER, M. Uber optische verschmelzungsfrequenzen und stroboskopisches sehen bei insekten. Biol. Zentbl. 71:129-152. Ref. 1952. 442.8 B523

77155 AUTRUM, H. Über zeitliches auflösungsvermögen und primärvorgänge im insektenauge. Naturwissenschaften 39:290-297. Ref. July 1,1952. 474 N213

77156 BALFOUR-BROWNE, F. The rules of nomenclature. Ent. Mon. Mag. 88:140. June 1952. 421 En86
With comments by L. W. Grensted.

77157 BERGOLD, G. Fortschritte und probleme auf dem gebiete der insektenviren. Z. f. Angew. Ent. 33: 267-278. Ref. Nov.1951. 421 Z36

77158 BOETTIGER, E. G., and FURSHPAN, E. The recording of flight movements in insects. Science 116:60-61. July 18,1952. 470 Sci2

77159 DANNREUTHER, T. Migration records, 1951. Entomologist 85:155-160. (Cont.) July 1952. 421 En8

77160 FAUST, R. Wie erhalten insekten ihr gleichgewicht im fluge? Umschau 52:196-198. Apr.1,1952. 474 Um7

77161 FROST, S. W. Unusual catches in light traps. Ent. News [Philadelphia] 63:151-152. June 1952. 421 En88

77162 GHIDINI, G. M. "Protetelia" and larval heteromorphism. (In Italian.) Soc. Ent. Ital. B. 81:86-87. Dec.31,1951. 420 It1

77163 GRÉGOIRE, C. Sang des insectes et anticoagulants. J. de Physiol. 43:888-889. 1951. 447.8 J823

77164 HARVEY, E. N. Bioluminescence. New York, Acad. Press,1952. 649 p. 442 H26B
Includes arthropods.

77165 HAYWARD, K. J. Paradichlorbenzine and mould. Ent. Rec. & J. Variation 64:183-184. June 1952. 421 En89

77166 HEALY, M. J. R. A table of Abbott's correction for natural mortality. Ann. Appl. Biol. 39:211-212. June 1952. 442.8 An72

77167 HEMMING, F. International Code of Zoological Nomenclature; proposed amplification, clarifications and extensions to be considered by the International Congress of Zoology, Copenhagen, 1953. Pan-Pacific Ent. 28:110-111. Apr.1952. 421 P193

77168 HEMMING, F. International Code of Zoological Nomenclature; proposed amplification clarifications and extensions to be considered by the International Congress of Zoology, Copenhagen, 1953. Notice issued by the Secretary to the International Commission on Zoological Nomenclature. Ent. Ber. 14:78-79. May 1,1952. 420 N38B

77169 HESLOP-HARRISON, G. Original studies on the evolution of the Insecta. I. Ann. & Mag. Nat. Hist. (ser.12)5:521-538. Ref. June 1952. 410 An77

77170 HUXLEY, J. S. Evolution's copycats. Life 32(26):67,69-70,72,75-76. June 30,1952. 280.8 L62
Includes insects.

77171 LAWRENCE, R. F. The unequal distribution of some invertebrate animals in South Africa. So. African J. Sci. 48:308-310. May 1952. 515 So84
Includes insects.

77172 MARTIN, H. Chemistry and entomology. Canada. Sci. Serv. Div. Ent. News-let. 30(6):1-2. June 2,1952. 423.92 C16

77173 MELLINI, E. Observations on some insects on Carlina acaulis L. f. caulescens Lam. (In Italian.) Bologna. U. Ist. di Ent. B. 18:205-244. Ref. 1950/51, pub.1952. 420 B63

77174 MINNION, W. E. Disclosures made by the m. v. lamp. Ent. Rec. & J. Variation 64:182. June 1952. 421 En89

77175 MORLAN, H. B. Host relationships and seasonal abundance of some southwest Georgia ectoparasites. Amer. Midland Nat. 48:74-93. Ref. July 1952. 410 M58
From rodents.

77176 NIBLETT, M. Plant galls in Surrey, 1951. London Nat. 31:30-32. 1951,pub.June 1952. 420 L843

77177 RICHARDS, A. G A new vitamin discovered in insect nutrition. Ent. News [Philadelphia] 63:153-155. June 1952. 421 En88

77178 ROBINSON, H. S. On the behaviour of night-flying insects in the neighbourhood of a bright source of light. Roy. Ent. Soc. London. Proc. Ser. A; Gen. Ent. 27: 13-21. Ref. Mar.15,1952. 420 L84Pa

77179 ROBINSON, H. S. Some suggestions on the examination of an ethical and a practical problem. I-II. Ent. Gaz. 3:45-51. Apr.1952. 421 En834
I, Some considerations on the ethics of killing insects; II, The influence of mercury-vapour traps on insect populations.

77180 SKALA, H. Minen aus Steiermark, gesammelt von Fritz Hoffmann. Wien. Ent. Gesell. Z. 36:119-126. Aug.1,1951. 421 Os7
Host plants of leaf miners.

77181 VAGO, C. Emploi du bleu Victoria pour la mise en évidence des polyèdres dans les maladies a ultravirus d'insectes. B. de Micros. Appl. (ser.2)2: 21-22. Jan./Feb. 1952. 440.9 So1

77182 VAURIE, P. Insect collecting in the Bimini Island group, Bahama Islands. Amer. Mus. Novitates 1565,24 p. Ref. May 13,1952. 500 N483N

77183 WEISS, H. B. Thomas Boreman's natural history of 1744, and his entomological explanation of the ignis fatuus. N. Y. Ent. Soc. J. 60:126-128. June 1952. 420 N48J

77184 ZAHL, P. A. Back-yard monsters in color. Natl. Geog. Mag. 102:235-260. Aug. 1952. 470 N213

GENERAL - ECONOMIC

77185 BARRETO, A. Insecticides and fungicides. (In Portuguese.) Chacaras e Quintais 85:582-583. (Cont.) May 15,1952. 9.2 C34

77186 BEADLE, L. D. Insect problems and water resources development. (Abs.) Assoc. South. Agr. Workers. Proc. 49:87. 1952. 4 C82
Insect problems in relation to public health.

77187 BEIRNE, B. P. Insects found in foodstuffs and stored products in Ireland. Ent. Gaz. 3:81-84. Apr.1952. 421 En834

77188 BELLAVITE, F. Calendar of plant spraying practices. (In Italian.) Informatore Agr. 8:106. May 22, 1952. 281.8 In32
Insect control.

77189 BENLLOCH, M. Los insectos útiles en la lucha contra las plagas. Agricultura [Madrid] 21:253-256. May 1952. 15 Ag84

77190 BLACKALLER VALDES, A. Insecticidas para el control de las plagas del algodonero. Fitófilo 5(3): 4-13. Nov./Dec.1951. 421 F55

77191 BRENY, R. La défense des cultures. VI. Les hydrocarbures chlorés: le D.D.T. B. Hort. (n.s.)7:131-135. May 1,1952. 80 B873

77192 BROWN, A. W. A. Insect control by chemicals. Soap & Sanit. Chem. 28(7):135-137. July 1952. Ref. 307.8 So12

77193 BUTOVITSCH, V. Erhebungen über das vorkommen und den schaden der holzschädlinge in wohnhäusern in Südschweden. Z. f. Angew. Ent. 33:172-186. Nov.1951. 421 Z36

77194 CANADA. DEPT. OF AGRICULTURE. DIV. OF FOREST BIOLOGY. Annual report of the forest insect and disease survey, 1951. Ottawa,1952. 154 p. 423.92 C162

77195 CANADA. DEPT. OF AGRICULTURE. SCIENCE SERV. DIV. OF ENTOMOLOGY. Entomological projects in Canada conducted by institutions other than Canada Department of Agriculture, by R. V. Derraugh. Ottawa? 1951. 12 p. 422.13 C16

77196 CANADA. DEPT. OF AGRICULTURE. SCIENCE SERV. DIV. OF ENTOMOLOGY. A regional review of insects of the season 1951, compiled by C. G. MacNay. Canad. Insect Pest Rev. 30(1),120 p. 1952. 423.92 C16C

77197 CHAPMAN, R. K. Some more potato insects. Badger Common 'Tater 5(5):12-13. May 1952. 75.8 B14

77198 CHENOWETH, M. O. Are you ready for the harvest? Extensive use of proven grain protectants means profits to dealer and customer. South. Seedsman 15(7):21,56-57,62. July 1952. 61.8 So8
Insect control.

77199 COSSETTE, M. La rançon du progrès. B. des Agr. 48(2):11,68. Feb.1952. 7 B872
Chemicals for insect and disease control.

77200 DAVIÐSSON, I. Plant diseases. (In Icelandic.) Freyr 47:207-208. June 1952. 11 F89
Chiefly on plant pests.

77201 DAVIS, J. E. Plant pest and disease surveys. Oreg. Dept. Agr. Agr. B. 174:7-8. June 1952. 2 Or3

77202 DELEON, D. Insects associated with Sequoia sempervirens and Sequoia gigantea in California. Pan-Pacific Ent. 28:75-91. Ref. Apr.1952. 421 P193

77203 DEYRAS, O. Parasitisme externe. Chambre d'Agr. de Casablanca. B. 22(243):13-14. July 1951. 24 C26
Livestock.

77204 DIAS, A. R. Insecticides in textile industry. Indian Textile J. 62:432,421. Apr.1952. 304.8 In2
Contains a list of pests attacking various textiles.

77205 DOWDEN, P. B. The importance of coordinating applied control and natural control of forest insects. J. Econ. Ent. 45:481-483. June 1952. 421 J822

77206 DOWNHAM, K. D. Spraying animals pays. Guernsey Breeders' J. [London] (n.s.)6(2):25,27. Summer 1952. 43.8 G932

77207 EASTERN STATES FARMERS' EXCHANGE. Pest control for home gardens and orchards. West Springfield,Mass.,1952. folder. 464.4 Ea7P

77208 EHRHARDT. Schluss mit dem ungeziefer! Tech. f. Bauern u. Gärt. Ausg. A 4:207-208. May 10, 1952. 58.8 T223
Insects.

77209 FAVARD, P. Les parasites du carthame dans le Languedoc toulousain. Agriculture [Paris] 16:139. May 1952. 14 Ag823
Pests and diseases.

77210 FJELDDALEN, J. Testing of preparations against pests. (In Norwegian.) Norsk Hagetid. 68:102-103. May 1/15,1952. 80 N81

77211 FRICKHINGER, H. W. Schädlingsbekämpfung für jedermann. Ed. 5, rev. München,Ehrenwirth,1951. 296 p. 423 F91S

77212 FRINGS, H. Factors determining the effects of radio-frequency electromagnetic fields on insects and materials they infest. J. Econ. Ent. 45:396-408. Ref. June 1952. 421 J822

77213 FROESCHNER, R. C. Battle those backyard bugs! Household 52(7):16-17. July 1952. 321.8 H813
Gardening pests.

77214 FUKUDA, J. Yobo kujyo kajyu gaichu (Prevention and extermination of injurious insects of fruit trees). Tokyo,Asakura Shoten,1951. 357 p. 464.4 F95

77215 GLANZMANN, O. Obstbauern, denkt an die meisen! Schweiz. Z. f. Obst- u. Weinbau 61:204-205. May 31,1952. 80 Sch9
Insect control.

77216 GODAN, D. Probleme bei der bekämpfung von ölfruchtschädlingen. Naturwissenschaften 39:99-105. Ref. Mar.1,1952. 474 N213

77217 GT. BRIT. DEPT. OF SCIENTIFIC AND INDUSTRIAL RESEARCH. PEST INFESTATION RESEARCH BOARD. Report of the Pest Infestation Research Board, with the report of the Director of Pest Infestation Research for the year 1950. London,1952. 38 p. 423.92 G792

77218 HALL, D. G. Our food supply, wildlife conservation, and agricultural chemicals. Washington,U. S. Bur. Ent. & Plant Quar.,1952. 9 p. 1.967 A2H142
Talk at the first general session, Seventeenth North American Wildlife Conference, Miami, Mar. 17,1952.
Insect control and correct use of insecticides.

77219 HAMILTON, D. W., and others. Control of pests attacking apples, peaches, and pears with nitroparaffin compounds. J. Econ. Ent. 45:462-466. June 1952. 421 J822
H. J. McAlister, S. A. Summerland, and J. E. Fahey, joint authors.
CS-645A, CS-674A and CS-708.

77220 HANNA, R. L., and GAINES, J. C. Evaluation of dusting schedules for control of cotton insects. J. Econ. Ent. 45:549-550. June 1952. 421 J822

77221 HEIDENREICH, E. Das gamma-hexachlorcyclohexane im forst. Z. f. Angew. Ent. 33:321-328. Ref. Nov.1951. 421 Z36

77222 HEPBURN, G. A., and BISHOP, H. J. Insects attacking chicory. Farming So. Africa 26:163-164,176. Ref. May 1951. 24 So842

77223 HERFORD, G. V. B. The infestation of stored foodstuffs by insects. J. Sci. Food & Agr. 3:1-11. Ref. Jan.1952. 382 So12

77224 HICKMAN, J. M. Fighting bugs with bugs. Org. Farmer 3(12):18. July 1952. 57.8 Or3

77225 HOUTMAN, G. Worms in fruit and the use of lead arsenate, DDT and parathion. (In Flemish.) Cult. en Handel 18:337-338. June 1952. 80 C892

77226 IMHOFF, H. Fellschädlinge. Deut. Kleintier-Züchter. Ausg. Kaninchen 6(23):5-6. Dec.5,1951. 40.28 D48
Insects.

77227 INOUE, M. Ringyo gaichu bojo-ron jokan (A study of forest protection from injurious insects). Tokyo, Chikyu Shuppan Kabushiri Gaisha,1951. 200 p. 423 In74

77228 JACQUIOT, C. Progrés récents dans la lutte contre les insectes des bois mis en oeuvre. Rev. Forest. Franç. 7/8:515-517. July/Aug. 1952. 99.8 R329

77229 JOHNSTON, H. R. Practical methods for the control of insects attacking green logs and lumber. (Abs.) Assoc. South. Agr. Workers. Proc. 49:85-86. 1952. 4 C82

77230 JONES, M. P. Pest control—a big job ahead. Ext. Serv. Rev. 23:100-101. June 1952. 1 Ex892Ex

77231 KEMPER, H. E. The control of external parasites of sheep. Natl. Wool Grower 42(7):21-23,39. July 1952. 45.8 N21N

77232 KOONCE, B. Spare that toad. Sowest. Crop & Stock 6(6):48-49,53. June 1952. 6 So8942
Its value in consuming crop-destroying insects.

77233 KOWAL, R. J., and COYNE, J. F. Forest insect problems in the South. (Abs.) Assoc. South. Agr. Workers. Proc. 49:91. 1952. 4 C82

77234 KUHN, H. Schädlingsbekämpfung in der grossstadt. (Abs.) Schweiz. Ent. Gesell. Mitt. 24:205. July 20, 1951. 420 Sw6

77235 KUITERT, L. C. Control of home insect pests: how to fight roaches, ants, mosquitoes, moths and fleas. Fla. Grower 60(7):38. July 1952. 80 F6622

77236 LAMB, K. P. New plant galls. 1. Mite and insect galls. Roy. Soc. New Zeal. Trans. & Proc. 79:349-362. Ref. Mar.1952. 514 W46
New species in Aceria, Vasates, Eriophyes, and Phyllocoptes.

77237 LENGERER, E. Schädlingsbekämpfung - ein problem. Müllerei 5:338. May 24,1952. 298.8 M91

77238 LIEBERMAN, F. V., and others. Recommendations for controlling alfalfa insects in Utah. Utah. State Agr. Col. Ext. C. 167,8 p. June 1952. 275.29 Ut1
G. F. Knowlton, S. J. Snow, and C. J. Sorenson, joint authors.

77239 LILLY, J. H. Insecticides for the control of soil insects. Amer. Seed Trade Assoc. Hybrid Corn Indus.-Res. Conf. Proc. 6:53-65. Ref. 1951. 59.9 Am32

77240 LØKEN, A. Pollen carrying insects and effect of the climate on the flight. (In Norwegian.) Frukt og Baer 4:112-114. 1951. 80 F9428

77241 MAAN, W. J. Aerial crop-spraying against pests and diseases. II. Zaad-Bloem-en Bollenwereld 16: 207,209. May 1952. 61.8 Z12

77242 MARTINI, E. Die symptome vom standpunkt des parasiten. Z. f. Angew. Ent. 33:278-282. Nov.1951. 421 Z36

77243 MATTHYSSE, J. G., and NAEGELE, J. A. Control of several tree and shrub leaf miners. J. Econ. Ent. 45:377-383. Ref. June 1952. 421 J822

77244 MICHELBACHER, A. E., and others. Aldrin, dieldrin and heptachlor to control California melon insects. J. Econ. Ent. 45:470-475. June 1952. 421 J822
W. Middlekauff, O. G. Bacon, and L. C. Glover, joint authors.

77245 MIR, R. M. Algunos grandes enemigos del agro. Cult. Mod. 35:163-165. May 1952. 15 C89
Insects and parasitic plants.

77246 NELSON, R. H. Conversion tables and equivalents for use in work relating to insect control. U. S. Bur. Ent. & Plant Quar. E-517,rev.,21 p. May 1952. 1.9 En83

77247 NEW SOUTH WALES. DEPT. OF AGRICULTURE. ENTOMOLOGICAL BR. Insect pests. Agr. Gaz. N. S. Wales 63:189-193. Apr.1,1952. 23 N472
Gryllulus commodus, Papilio aegeus, Papilio anactus, and Phyllocoptes lycopersici.

77248 PALMER, E. Insect immigrants fight pests in crops. Veldtrust 13(5):21-22,31. May 1952. 56.8 V54

77249 PARKS, T. H. Injurious household pests and their control. Ohio. Agr. Col. Ext. Serv. B. SB-3,37 p. Jan.1952. 275.29 Oh32S

77250 PETERSON, A. G., and HOLDAWAY, F. G. Insects cut legume seed production. Minn. Farm & Home Sci. [Minn. Sta.] 9(3):4,12. May 1952. 100 M668
Alfalfa and alsike clover.

77251 POST, R. L., ROSTBERG, M. G., and AANESTAD, R. D. Research on insects affecting potato production, 1951. N. Dak. Agr. Expt. Sta. Bimon. B. 14: 182-186. May/June 1952. 100 N813B

77252 PRATT, H. D. Visual aids for teaching medical entomology produced by the communicable disease center. (Abs.) Assoc. South. Agr. Workers. Proc. 49:86. 1952. 4 C82

77253 PRICE, W. Insect devils of the Amazon. Sci. Digest 32(2):4-9. Aug.1952. 470 Sci 27

77254 PRICE, W. A., and RODRIGUEZ, J. G. How to control common garden insects. Ky. Agr. Col. Ext. C. 479,rev.,11 p. May 1952. 275.29 K415

77255 PYENSON, L. Pin-pointing the July pests. Home Gard. 20:32-35. July 1952. 80 H756

77256 ROUSSEL, J. S., NEWSOM, L. D., and SMITH, C. E. Insecticide tests for the control of cotton pests in Louisiana during the period 1948-1951. (Abs.) Assoc. South. Agr. Workers. Proc. 49:81. 1952. 4 C82

77257 RUZAEV, K. S. In regard to using benzene hexachloride and DDT in vineyards. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):44-45. Sept.1951. 95.8 V77

77258 SAIZ MORENO, L. Luchas antiparasitarias en ganadería. III. Veterinaria [Madrid] 16:509-535. June 1952. 41.8 V6429
Insecticides for pest control.

77259 SATO, S. Noyaku (Agricultural chemicals). Tokyo,Tennen-Sha,1951. 379 p., 395 Sa8
Includes insecticides.

77260 SHACKLETON, P. Feeding on our forests. Family Herald & Wk. Star 83(24):3,17. June 12,1952. 7 F21
Biological control of forest insects in Canada.

77261 SOCIETY OF AMERICAN FORESTERS, WASHINGTON, D. C. NEW ENGLAND SECT. COMMITTEE ON TREE PEST LEAFLETS. Important tree pests of the Northeast; a revision of Tree Pest Leaflets Nos. 1-55. Ed. 2. Concord,N. H.,Evans,1952. 191 p. 423 M384

77262 SULLIVAN, W. N. Tests with lindane vapor for freeing aircraft from insects. J. Econ. Ent. 45:544-545. Ref. June 1952. 421 J822

77263 UCHIDA, S. Gaichu pocket book (A pocket book of noxious insects), v.1 (In Japanese.) Tokyo, Sangyo Tosho Kabushiri Gaisha,1951. 236 p. 422.6 Uc4

77264 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of New Zealand; importation of soil prohibited. U. S. Bur. Ent. & Plant Quar. B.E.P.Q. 581(sup.1),1 p. May 20,1952. 1.9 F73

77265 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of the British Colony of Bermuda; oranges and grapefruit permitted entry. U. S. Bur. Ent. & Plant Quar. B.E.P.Q. 455,rev.,1 p. Apr.29,1952. 1.9 F73

77266 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of the Republic of Costa Rica. U. S. Bur. Ent. & Plant Quar. B.E.P.Q. 596,2 p. Apr.29,1952. 1.9 F73

77267 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of the Republic of Guatemala. U. S. Bur. Ent. & Plant Quar. B.E.P.Q. 597,2 p. Apr.29,1952. 1.9 F73

77268 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Territorial cotton, cottonseed, and cotton-seed products. U. S. Bur. Ent. & Plant Quar. B.E.P.Q.-Q 47,4 p. June 13,1952. 1 F31
Amendments of Hawaiian and Puerto Rican quarantine regulations.

77269 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Feed and fiber insect situation, by W. A. Baker, R. W. Harned, and K. M. Gapen. Washington, 1952. 4 p. 1.914 R2R11
Corn and cotton pest control.

77270 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Forewarned is forearmed, by K. Dorward and B. Crom. Washington,1952. 3 p. 1.914 R2R11
Crop and livestock pest control.

77271 VELSICOL CORPORATION, CHICAGO. "Velsicol 1068" chlordane. Chicago,1950-52. 15 p. 464.4 V54

77272 VERMES, M. Pest control of cereals and fodder plants. (In Hebrew.) Hassadeh 32:220-221. Feb. 1952. 26 H27

77273 VILLENEUVE, P. Les pesticides au service de l'industrie animale. B. des Agr. 48(2):19,72. Feb. 1952. 7 B872

77274 VOUTE, A. D. Zur frage der regulierung der insekten-populationsdichte durch räuberische tierarten. Z. f. Angew. Ent. 33:47-52. Ref. Nov.1951. 421 Z36

77275 WATTS, J. G. Tests with a smoke generating device for cotton insect control. (Abs.) Assoc. South. Agr. Workers. Proc. 49:82. 1952. 4 C82

77276 WELLENSTEIN, G. Chemische und biologische schädlingsbekämpfung. Forstarchiv 23:69-70. May 1, 1952. 99.8 F7723

77277 WILHELM. Weg mit den hauptrebfeinden! Bauern-Ztg. 5(22):7-8. May 30,1952. 18 B324
Spraying, chiefly for insect pests.

77278 WILLE, J. E. Erfahrungen mit organischen insektiziden in der bekämpfung von baumwollschädlingen in Perú. Z. f. Angew. Ent. 33:341-348. Nov.1951. 421 Z36

77279 WOLFRAM, R. Zur einstäubung von getreide mit kontaktinsektiziden. Anz. f. Schadlingsk. 25:73-75. Ref. May 1952. 421 An9

77280 YOUNG, M. T., and GAINES, R. C. Insecticide tests for control of the boll weevil, bollworms, cotton aphid and two-spotted spider mite on cotton. (Abs.) Assoc. South. Agr. Workers. Proc. 49:81. 1952. 4 C82
Control of Anthonomus grandis, Heliothis armigera, Aphis gossypii, and Tetranychus bimaculatus.

77281 ZANGHERI, S. Contribution to the knowledge of the insect pests of legume seeds. I. (In Italian.) Bologna. U. Ist. di Ent. B. 18:93-116. 1950/51,pub.1952. 420 B63

77282 ZOBRIST, L. Rotenon und seine verwendung als insektizid. Schweiz. Gärtnerzeitung 55(24):1-4. June 19,1952. 80 G1939

INSECTICIDES

77283 AMERICAN MEDICAL ASSOCIATION. COUNCIL ON PHARMACY AND CHEMISTRY. COMMITTEE ON PESTICIDES. Pharmacologic properties of toxaphene, a chlorinated hydrocarbon insecticide. Amer. Med. Assoc. J. 149:1135-1137. July 19,1952. 448.9 Am37

77284 BARTH, E. Die schädlingsbekämpfung im neuen warenverzeichnis für die aussenhandelsstatistik. Gesunde Pflanzen 4:94-96. Apr.1952. 464.8 G33

77285 BLACKALLER VALDEZ, A. Peligros de envenenamiento con los insecticidas aplicados al algodonero y precauciones para su manejo. Fitófilo 6(4): 11-16. Jan./Feb.1952. 421 F55

77286 BLACKITH, R. E. A note on the action of heat and rust on a pyrethrum formulation. Pyrethrum Post 4(2):2. Jan.1952. 421 P99

77287 BLAGBROUGH, H. P. Reducing wildlife hazards in Dutch elm disease control. J. Forestry 50:468-469. June 1952. 99.8 F768
Spraying with DDT.

77288 CONLEY, B. E. The pharmacology and toxicology of several newer chlorinated hydrocarbon insecticides. Chicago,1951. 66 p. 464.4 C76
Thesis (M.S.) - University of Chicago.
Chlorinated hydrocarbon insecticides.

77289 COX, H. C., and LILLY, J. H. Effects of aldrin and dieldrin on germination and early growth of field crop seeds. J. Econ. Ent. 45:421-428. June 1952. 421 J822

77290 DAUTREBANDE, L. Physiological and pharmacological characteristics of liquid aerosols. Physiol. Rev. 32:214-275. Ref. Apr.1952. 447.8 P563
Includes material on insecticide and fungicide aerosols.

77291 DAVID, W. A. L. Insecticidal-action studies with bisdimethylamino fluorophosphine oxide containing phosphorus. Ann. Appl. Biol. 39:203-210. June 1952. 442.8 An72

77292 DUBOIS, K. P., and COON, J. M. Toxicology of organic phosphorus-containing insectides to mammals. Arch. Indus. Hyg. & Occup. Med. 6:9-13. July 1952. 449.8 Ar24

77293 FJELDDALEN, J. Are all insecticides poisonous to humans? A valuation of the toxicity of insecticides used against pests of fruit and berries. (In Norwegian.) Frukt og Baer 4:13-22. Ref. 1951. 80 F9428

77294 GAINES, J. C., and MISTRIC, W. J., JR. Effect of environmental factors on the toxicity of certain insecticides. J. Econ. Ent. 45:409-416. June 1952. 421 J822

77295 GINSBURG, J. M., FILMER, R. S., and REED, J. P. Recovery of organic insecticides from sprayed and dusted crops. J. Econ. Ent. 45:428-431. June 1952. 421 J822
Field crops and vegetables.

77296 HARRISON, T. H. Organic pesticides, hazards to human health. Health 2:19-21. Mar.1952. 449.8 Au7
Chiefly insecticides.

77297 HERINGA, J. W., and SWARBRICK, T. Petroleum oil fractions as plant spray materials, the effect of refining an oil upon its degree of phytotoxicity. Ann. Appl. Biol. 39:213-220. June 1952. 442.8 An72

77298 HILBRICH, P. Die einwirkung einiger insektizider und fungizider obstbaumspritzmittel auf das geflügel II. Nachrbl. des Deut. Pflanzenschutzdienstes 4:44-45. Mar.1952. 442.9 B832

77299 HOPF, H. S. Studies in the mode of action of insecticides. I. Ann. Appl. Biol. 39:193-202. Ref. June 1952. 442.8 An72

77300 JAVIER GAZZO, F. D., and ROMERO PERALTA, J. Un nuevo método analitico rápido para valorar la riqueza de rotenona pura en las raices de Lonchocarpus utilis (cube o barbasco). (Abs.) Rev. Bras. de Quim. (Cien. & Indus.) 33:228-229. Apr.1952. 385 R322

77301 JAVIER GAZZO, F. D., and ROMERO PERALTA, J. Nuevo método de extracción en el análisis de las raices de plantas rotenoferas del genero Lonchocarpus utilis, cube o barbasco. (Abs.) Rev. Bras. de Quim. (Cien. & Indus.) 33:229. Apr.1952. 385 R322

77302 JENSEN, J. A., and PEARCE, G. W. Synthesis of radioactive parathion using S^{35}. (Abs.) Amer. Chem. Soc. J. 74:3184. June 20,1952. 381 Am33J

77303 KELLER, H. Die bestimmung kleinster mengen DDT auf enzymanalytischem wege. Naturwissenschaften 39:109. Mar.1,1952. 474 N213

77304 KLENDSHOJ, N. C., and others. Poisoning from tetraethylpyrophosphate (TEPP). Amer. Med. Assoc. J. 149(11):1015. July 12,1952. 448.9 Am37
W. G. Moran, M. Feldstein, and H. E. Fidler, joint authors.

77305 LANGE. El lindane. Inst. Agr. Catalán de San Isidro. Rev. 101:87-90. Apr.1952. 15 Sa5
History and properties.

77306 MCGEE, L. C., REED, H. L., and FLEMING, J. P. Accidental poisoning by toxaphene. Amer. Med. Assoc. J. 149:1124-1126. July 19,1952. 448.9 Am37

77307 MARCH, R. B. The resolution and chemical and biological characterization of some constituents of technical chlordane. J. Econ. Ent. 45:452-456. June 1952. 421 J822

77308 MARCHAND, J. F. Microtests for cholinesterase, interpretation after nerve gas or agricultural insecticide exposures. Amer. Med. Assoc. J. 149:738-740. June 21,1952. 448.9 Am37

77309 POTTER, C. Insecticides and their study. London,Royal Soc. of Arts,1951. 20 p. 423 P85
Includes discussion.

77310 REED, J. K. Insecticides in the soil as determined by bio-assay. (Abs.) Assoc. South. Agr. Workers. Proc. 49:87. 1952. 4 C82

77311 RIEMSCHNEIDER, R., CLAUS, R., and SCHNEIDER, H. Uber die quantitative bestimmung von 1, 1, 2, 3, 4, 5, 6-heptachlor-cyclohexanen auf refraktometrischer grundlage. Anz. f. Schädlingsk. 25:89-90. June 1952. 421 An9

77312 RODALE, J. I. The insecticide markers are going too far. Org. Farmer 3(12):20-21,46-49. July 1952. 57.8 Or3

77313 ROMANO, E., and GIULIMONDI, G. Rapid control of titration in dusts containing parathion. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 53,4 p. 1951. 105.4 R66

77314 SCHRADER, G. Zur kenntnis neuer insekticide auf grundlage organischer phosphorverbindungen. Z. f. Angew. Ent. 33:328-340. Nov.1951. 421.736

77315 SESHADRI, T. R., and VARADARAJAN, S. Insecticidal properties and chemical constitution. VI. Some phenyl and halogen substituted coumarins. Indian Acad. Sci. Proc. Sect. A 35:75-81. Ref. Feb.1952. 513 In25
Toxicity to fish.

77316 SHARP, S. S. Origenes de la industria insecticida moderna. Du Pont de Nemours, E. I. & Co. B. del Agr. 8(6):1-9. Nov./Dec.1951. 6 D92B

77317 STERNBURG, J., and KEARNS, C. W. Chromatographic separation of DDT and some of its known and possible degradation products. J. Econ. Ent. 45:505-509. June 1952. 421 J822

77318 STERNBURG, J., and KEARNS, C. W. Metabolic fate of DDT when applied to certain naturally tolerant insects. J. Econ. Ent. 45:497-505. June 1952. 421 J822

77319 TILEMANS, E., and DORMAL, S. Toxicité des produits phytopharmaceutiques envers l'homme et les animaux à sang chaux. Parasitica 8:64-91. 1952. 464.8 P21
English summary.

77320 VARGAS MÉNDEZ, J., and others. El factor muestreo y su influencia en los estudios experimentales sobre el Lonchocarpus utilis, cube o barbasco. (Abs.) Rev. Bras. de Quim. (Cien. & Indus.) 33:228. Apr.1952. 385 R322
E. Vilscher Caballero, J. Gazzo, F. Dávila, and J. Romero Peralta, joint authors.

77321 WYLIE, W. D. Do insects in the soil damage plants? Ark. Farm Res. 1:5. Spring 1952. 100 Ar42F
Effect of insecticide applications to the growth of peach trees.

APICULTURE AND APIS MELLIFERA

77322 ABEGGLEN-SEILER, P. Waldhonig im wintersitz und was die waage dazu sagt. Schweiz. Bienen-Ztg. 75:266-267. June 1952. 424.8 Sch9

77323 ADAM, BROTHER. Auf der suche nach den besten bienenstämmen. Carnika-Züchterring 4:25-28. Mar./Apr.1952. 424.8 C21

77324 AKLANOV, S. I. Semenovskaia one-year orchard-beekeeping school. (In Russian.) Pchelovodstvo 28(12):37-38. Dec.1951. 424.8 P295

77325 ALLMENDINGER, H. Aus unserem betrieb. Imkerfreund 6:400-402. Dec.1951. 424.8 Im43

77326 ALTEN, I. Wer hat erfahrüngen mit höselhefe? Südwestdeut. Imker 4:106-108. Apr.1952. 424.8 Su25

77327 AMARAL, E. Laying working bees. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:91-95. Mar./Apr. 1952. 9.2 R324

77328 ANDERSON, E. J. Inexpensive honey house equipment. Pa. Agr. Expt. Sta. B. 540(sup.3):6. June 1952. 100 P381

77329 ANDERSON, L. D., and TUFT, T. O. Toxicity of several new insecticides to honey bees. J. Econ. Ent. 45:466-469. Ref. June 1952. 421 J822

77330 ARMITAGE, MRS. C. How I have found relief from bee stings. Gleanings Bee Cult. 80:408-409. July 1952. 424.8 G47

77331 ARSENOV, V. G. On honeybee increase by the dividing method. (In Russian.) Pchelovodstvo 28(9): 40-42. Sept.1951. 424.8 P295

77332 ARTEMOV, K. D. On the quality of imperfectly developed queens. (In Russian.) Pchelovodstvo 28(9):38-40. Sept.1951. 424.8 P295

77333 BAIER, J. Folgen der zu späten herbstzuckerfütterung bei bienen. Imkerfreund 6:302. Sept.1951. 424.8 Im43

77334 BELEC, J. We have inspected the bee companies. (In Slovenian.) Slovenski Čebelar 54:89-90. May 15,1952. 424.8 SL5

77335 BELENKO, G. D. On rearing queens. (In Russian.) Pchelovodstvo 10(1):30-31. Jan.1952. 424.8 P295

77336 BERNER, U. Die maikrankheit. Südwestdeut. Imker 4:133. May 1952. 424.8 Su25

77337 BICHTLER, E. Argumentationen zum belegstellenwesen. Deut. Bienenztg. 7:38-40. Mar.1,1952. 424.8 D488

77338 BICHTLER, E. Die geschlechtsorgane der honigbiene. Deut. Bienenztg. 7:71-73. May 1,1952. 424.8 D488

77339 BLACK, A. B. The Oregon apiary inspection act. Oreg. Dept. Agr. Agr. B. 174:11-12. June 1952. 2 Or3

77340 BLAKE, G. H., and EDEN, W. G. Pollination of crimson clover by honey bees. (Abs.) Assoc. South. Agr. Workers. Proc. 49:83. 1952. 4 C82

77341 BLATZ, W. Das erweitern der völker eine wichtige frühjahrsarbeit. Südwestdeut. Imker 4:104-105. Apr.1952. 424.8 Su25

77342 BLIZNIUK, P. IA. For "cold" wintering of honeybees. (In Russian.) Pchelovodstvo 10(1):35-36. Jan.1952. 424.8 P295
Effect of winter conditions on bees kept in the open.

77343 BOCHKAREV, G. We're utilizing the mountain-taiga bee [for clover pollination in Sverdlov Region]. (In Russian.) Pchelovodstvo 10(1):36-37. Jan.1952. 424.8 P295

77344 BONE, D. Our grandfathers and the winter problem. XIV. Bee Craft 34:91. June 1952. 424.8 B3925

77345 BONE, D. Our grandfathers and the winter problem. XV. Bee Craft 34:106. July 1952. 424.8 B3925

77346 BOTTCHER. Wie füttert man am schnellsten ein? Imkerfreund 6:394-395. Dec.1951. 424.8 Im43

77347 BÖTTCHER, F. K. Die gefährdung der bienen durch den pflanzenschutz. Z. f. Angew. Ent. 33:348-358. Ref. Nov.1951. 421 Z36

77348 BOTTCHER, F. K. Eine neue heidebetriebsweise und ihre erfolge. Imkerfreund 7:34-35. Feb.1952. 424.8 Im43

77349 BOTTCHER, F. K. Mehrere königinnen in einem stock. Imkerfreund 6:415-416. Dec.1951. 424.8 Im43

77350 BRANDLE, A. Ertragsteigerung, das hauptproblem der bienenzucht. Osterr. Imker 2:69-71. Apr. 1952. 424.8 Os7

77351 BRANDWIGK, P. W. Gibt es eine begattung junger königinnen ohne hochzeitsflug? Nordwestdeut. Imkerztg. 4:156-157. May 1952. 424.8 N753

77352 BRASSLER, K. Sammeln die bienen gleichzeitig nektar und pollen? Imkerfreund 6:297. Sept.1951. 424.8 Im43

77353 BRAUM, E., and others. Red clover seed production studies. West. Canada Beekeeper 15(6):3-4. June 1952. 424.8 W525
R. M. MacVicar, D. R. Gibson, and C. A. Jamieson, joint authors.

77354 BREIDER, H. Können arbeiterinnen vererben? Imkerfreund 7:108-111. Apr.1952. 424.8 Im43

77355 BRUCKNER, G. Der nebenraum und die betriebsweise mit einer nebenraumbeute. II. Deut. Bienenztg. 7:36-37. Mar.1,1952. 424.8 D488

77356 BUCHER, G. D. Fruit and vegetable pollination Beekeepers Mag. 15(6):12-14. June 1952. 424.8 M58

77357 BÜDEL, A. Die betriebsweise und das grossklima. Südwestdeut. Imker 4:144-146. May 1952. 424.8 Su25

77358 BUDEL, A. Das bienenjahr und die stockwaage. Imkerfreund 7:3-6. Jan.1952. 424.8 Im43

77359 BUDEL, A. Die bienenphysik bringt beweise. Imkerfreund 6:369-370. Nov.1951. 424.8 Im43
Hive temperature.

77360 BUDEL, A. Die bienenphysik bringt beweise. V. Imkerfreund 7:36-37. Feb.1952. 424.8 Im43
Hive temperature.

77361 BUSCH, C. Zwei bienentränken. Imkerfreund 7:54. Feb.1952. 424.8 Im43

77362 BUTLER, C. G. The world of the honeybee. Westralian Farmers Co-op Gaz. 22:259,261-263. Apr. 1952. 280.28 W522
Senses.

77363 BYRD, H. F., and others. Pollination round-up. J. Amer. Bee J. 92:279-291. July 1952. 424.8 Am3

77364 CAPPONI, A. Afforestation and apiculture. (In Italian.) Apic. d'Italia 19:82-84. Apr.1952. 424.8 Ap372

77365 CLARK, R. B. Honey in the comb. Bee Craft 34:90. June 1952. 424.8 B3925

77366 CONTINI, A. More on migratory bee-keeping and the distance between apiaries. (In Italian.) Apic. d'Italia 19:58-59. Mar.1952. 424.8 Ap372

77367 COOPER, B. A. Beekeeping and agricultural sprays. Lincolnshire Beekeepers' Assoc. Ybk. 1950/51: 17-28. 424.9 L63

77368 COOPER, B. A. A review of two years' abstracts on spray poisoning (1950-51). Bee World 33:90-91, June 1952. 424.8 B399

77369 CUTTS, N. A. Autumn honey flows and requeening, Agr. Gaz. N. S. Wales 63:212-214. Apr.1, 1952. 23 N472

77370 CVETKO, F. Was it profitable to raise bees? (In Slovenian.) Slovenski Čebelar 54:92-93. May 15, 1952. 424.8 SL5

77371 CZECH. Bienen ungefährliches mittel gegen den rapsglanzkäfer [Meligethes aeneus]. Übersicht 3(5): 106-107. May 1952. 18 Ub3

77372 DEES, L. Sauberkeit in der zucht. Imkerfreund 6:315-316. Sept.1951. 424.8 Im43

77373 DIESELHORST, A. Durch zucht zur leistung. Nordwestdeut. Imkerztg. 4:146-148. May 1952. 424.8 N753

77374 DIETZ, G. Der wolkenkratzerbetrieb. Carnika-Züchterring 4:31-33. (Cont.) Mar./Apr.1952. 424.8 C21

77375 DIETZ, G. Der wolkenkratzerbetrieb. Carnika-Züchterring 4:43-44. (Concl.) May/June 1952. 424.8 C21

77376 DORST, K. H. Verlustloses zusetzen von koniginnen durch zwischenableger. Imkerfreund 6:249. July 1951. 424.8 Im43

77377 DUGAT, M. La ruche gratte-ciel à plusieurs reines. Cahiers Apic. 8:5-15. (Concl.) Jan./Mar.1952. 424.8 C73

77378 EGGERSGLUSS, F. Anweisung für die korbimkerei. Nordwestdeut. Imkerztg. 4:144-146. May 1952. 424.8 N753

77379 ELMENHORST, C. W. Beekeeping in Guatemala. Bee World 33:93-96. June 1952. 424.8 B399

77380 EVERS, J. The road to success; the Aalster management method. (In Dutch.) Maandschr. v. Bijenteelt 54:70-71. (Cont.) May 1952. 424.9 V58
Apis mellifera.

77381 FARAZIN, F. Dry food for bees. (In Slovenian.) Slovenski Čebelar 54:85-87. May 15,1952. 424.8 SL5

77382 FARRAR, C. L. Ecological studies on overwintered honey bee colonies. J. Econ. Ent. 45:445-449. Ref. June 1952. 421 J822

77383 FARRON, E. L'apiculture en Suisse romande à la fin du siècle dernier. J. Suisse d'Apicult. 48:233-235. Aug.1951. 424.9 So1

77384 FEDERL, F. Höselhefe als pollenersatz, praktische erprobung im frühjahr 1950. Imkerfreund 6: 192-194. June 1951. 424.8 Im43

77385 FILMER, R. S., and DOEHLERT, C. A. Use of honeybees in cranberry bogs. N. J. Agr. Expt. Sta. B. 764,4 p. May 1952. 100 N46S

77386 FOREST, B. Le chauffage des colonies d'abeilles au printemps. Abeille et l'Erable (ser.2)21:75-76. May 1952. 424.8 Ab32

77387 FREIDMAN, S. M., and ANTSIFEROV, P. M. To eliminate the flaws in planning collective farm beekeeping. (In Russian.) Pchelovodstvo 28(9):48-51. Sept. 1951. 424.8 P295

77388 FYG, W. Die krankhafte drohnenbütigheit der bienenkönigin, eine viruskrankheit? (Abs.) Schweiz. Ent. Gesell. Mitt. 24:204. July 20,1951. 420 Sw6

77389 FYG, W. Quelques remarques au sujet de la fécondation de la reine abeille. J. Suisse d'Apicult. 48: 161-163,196-198,218-221,251-252,283-285,317-320. June-Nov.1951. 424.9 So1

77390 GAILLARD, R. Le plan Demarée. Cour. Apic. Franç. 5(25):2-4. Jan./Feb.1952. 424.8 C832

77391 GORBACH, G. Biene und blatthonig. Südwestdeut. Imker 4:138-142. May 1952. 424.8 Su25

77392 GOSSENBERGER, A. Besorgniserregender ausfall von bienenweiden; internationale wanderung mit lebenden bienen im flugzeug über land und meer. Deut. Kleintier-Züchter 7(11):2; (12):2-3; (13):8. (Cont.) June 5-July 5,1952. 49 D483

77393 GRANDCHAMP, A. Routine ou progrès. J. Suisse d'Apicult. 49:184-185. June 1952. 424.9 So1

77394 GREMILLON, J. Que penser du traitement des maladies des abeilles par les solutions de M. Robert Lutz ou le bilan de trois années d'essais. Gaz. Apic. 53: 44-46. Feb.1952. 424.8 G25

77395 GUSEL'NIKOV, A. In regard to the problem "On growth regularities of the honeybee colony." (In Russian.) Pchelovodstvo 10(1):38-45. Jan.1952. 424.8 P295

77396 HADLEY, P. Bees like most legumes. Mod. Beekeeping 36:191-193. June 15,1952. 424.8 M397

77397 HAGMANN. Kennen sie lärchenhonig? Südwestdeut. Imker 4:143. May 1952. 424.8 Su25

77398 HALBRITTER. Der fluglochkanal. Imkerfreund 7:55. Feb.1952. 424.8 Im43

77399 HALBRITTER. Der folgerichtig hergestellte brutableger. Imkerfreund 6:383-385. Nov.1951. 424.8 Im43

77400 HALLIDAY, C. Treating bee stings. Gleanings Bee Cult. 80:436. July 1952. 424.8 G47

77401 HANNI, J. De la création et de l'emploi du nucléus. J. Suisse d'Apicult. 49:47-48. Feb.1952. 424.9 So1

77402 HANNI, J. De l'essaimage des abeilles. J. Suisse d'Apicult. 49:110-112. (Cont.) Apr.1952. 424.9 So1

77403 HÄNNI, J. De l'essaimage des abeilles. J. Suisse d'Apicult. 49:147-149. (Cont.) May 1952. 424.9 So1

77404 HARNEY, W. Einige kleinigkeiten zum nachdenken. Imkerfreund 6:320-323. Sept.1951. 424.8 Im43
Swarming.

77405 HASSANEIN, M. H. The effects of infection with Nosema apis on the pharyngeal salivary glands of the worker honey-bee. Roy. Ent. Soc. London. Proc. Ser. A; Gen. Ent. 27:22-27. Mar.15,1952. 420 L84Pa

77406 HASSENEIN, M. H. Some studies on amoeba [Malpighamoeba mellificae] disease. Bee World 33:109-112. July 1952. 424.8 B399

77407 HASSANEIN, M. H. Studies on the fluctuation in the percentage of the worker bees of a colony infected with Nosema apis throughout the course of the year. Scot. Beekeeper 28:142-143. July 1952. 424.8 Sco8

77408 HECKMANN. Die bienenzucht von morgen und die züchtung der zukunftsbiene. Hess. Biene 87:281-282; 88:13-14. Mar.-Apr.1952. 424.8 B476

77409 HENCHE, A. Mauerblümchen "bienenzucht" in Bonn. Hess. Biene 87:276-277. Mar.1952. 424.8 B476

77410 HERBOLSHEIMER, A. Warum herabklappbare läden am bienenhaus? Imkerfreund 6:315. Sept.1951. 424.8 Im43

77411 HERBST. Drohnen- und fehlbrütige völker und ihre heilung. Nordwestdeut. Imkerztg. 4:103-104. Apr. 1952. 424.8 N753

77412 HEROLD, E. Der wanderstand. Imkerfreund 6: 207-210. June 1951. 424.8 Im43

77413 HEROLD, K. Vergiftungsschäden und rechtshilfe des Landesverbandes Bayer. Imker. Imkerfreund 6:363-365. Nov.1951. 424.8 Im43

77414 HESSBERG, VON Zur schädlichkeit der grossen serien. Imkerfreund 7:58. Feb.1952. 424.8 Im43

77415 HIRSCHFELDER. Schwer schleuderbare, sogenannte "lärchenhonige." Imkerfreund 6:337-339. Oct.1951. 424.8 Im43

77416 HIRSCHFELDER. Wandern und seuche. Imkerfreund 7:107-108. Apr.1952. 424.8 Im43

77417 HIRSCHFELDER, H. Die bedeutung des pollens im bienenvolk. Imkerfreund 6:366-369. Nov.1951. 424.8 Im43

77418 HOCK, L. Beobachtung unserer bienen im winter. Imkerfreund 6:349-350. Oct.1951. 424.8 Im43

77419 IAKUBOVSKII, N. Watering equipment of a beehive. (In Russian.) Pchelovodstvo 28(12):43-44. Dec. 1951. 424.8 P295

77420 IGNATOVICH, V. P. Proper care of honey bees—a guarantee of high honey yields. (In Russian.) Pchelovodstvo 28(12):12-15. Dec.1951. 424.8 P295

77421 INOUE, E. Korekara no yoho (Bee culture in the future). Tokyo,Azumi Shobo,1951. 404 p. 424 In73

77422 INSTRUCTION on the control of diseases and pests of honeybees. (In Russian.) Pchelovodstvo 28(12): 28-34. Dec.1951. 424.8 P295

77423 IVANOV, I. I. Automatic remover of honeybees. (In Russian.) Pchelovodstvo 28(12):25-26. Dec. 1951. 424.8 P295

77424 JOHNSON, O. B. More on hive colors. Gleanings Bee Cult. 80:434-435. July 1952. 424.8 G47

77425 JOHNSON, P. W. How I solved the section comb honey problem. Gleanings Bee Cult. 80:424-425. July 1952. 424.8 G47

77426 JORDAN, R. Acarine disease, diagnosis and cure. (In Italian.) Apic. d'Italia 19:85-88. Apr.1952. 424.8 Ap372

77427 JORDAN, R. Schach den schädlingsbekampfungsmitteln. Osterr. Imker 2:47-50. Mar.1952. 424.8 Os7

77428 JOUSTRA, J. A. How can we restore beekeeping to health again? II. (In Dutch.) Maandschr. v. Bijenteelt 54:76. May 1952. 424.9 V58

77429 KELLOG, C. R. Conocimientos basicos para la apicultura. Fitófilo 5(3):47-51. (Concl.) Nov./Dec.1951. 421 F55

77430 KESSELL, A. Bees in box hives, a simple transfer method. West. Austral. Dept. Agr. J. (ser.3)1: 264-265. Mar./Apr.1952. 23 W52J

77431 KETTLEWELL, N. H. Raise your own queens. Scot. Beekeeper 28:125. June 1952. 424.8 Sco8

77432 KIRBY, A. J. Pollen. Brit. Bee J. 80:199,202, 218. (Concl.) Mar.29-Apr.5,1952. 424.8 B77
Feed for bees.

77433 KIRBY, A. J. The value of the honeybee to the nation. Brit. Bee J. 80:345-346,363. May 31,1952-June 7,1952. 424.8 B77
As pollinators.

77434 KIRK, E. J. Design for simply made honey heater. New Zeal. J. Agr. 84:283-284. Apr.1952. 23 N48J

77435 KLEIN, H. Die bienen haben auch mich geheilt. Imkerfreund 6:235. July 1951. 424.8 Im43
Bee stings a cure for rheumatism.

77436 KLYKOV, V. M. Beekeeping on the fruit and berry state farms. (In Russian.) Pchelovodstvo 10(1):16-18. Jan.1952. 424.8 P295

77437 KÖHLER, F. Unsere heimische bienenzucht in gefahr! Südwestdeut. Imker 4:137,186-187. May-June 1952. 424.8 Su25

77438 KOSANKE, M. W. Unorthodox two-queen colonies. Gleanings Bee Cult. 80:425. July 1952. 424.8 G47

77439 KOSTAREV, G. A leading collective farm apiary (Practices of V. K. Chernysh—beekeeper of Kirov Kolkhoz in Bashkir ASSR). (In Russian.) Pchelovodstvo 28(12):9-12. Dec.1951. 424.8 P295

77440 KOSTAREV, G. Preparation of bees for wintering by the leading beekeepers of Bashkiria. (In Russian.) Pchelovodstvo 28(9):5-13. Sept.1951. 424.8 P295

77441 KOVAL', E. P. Two queens in one hive in two-story management. (In Russian.) Pchelovodstvo 10(1):32-34. Jan.1952. 424.8 P295

77442 KRAUSS. 1. Staatl. bayerischer leistungs-prüfhof für bienen "acheleschwaig" des ober-bayer/schwäb. alpenvorlandes. Imkerfreund 6:412-415. Dec.1951. 424.8 Im43

77443 KUHNER. Die obstblütentracht. Südwestdeut. Imker 4:112-113. Apr.1952. 424.8 Su25

77444 LANDBECK, F. Imkerei und pflanzenschutz. Deut. Bienenztg. 7:58-59. Apr.1,1952. 424.8 D488

77445 LEOPOLD, O. Hinter uns die sintflut! Osterr. Imker 2:75-76. Apr.1952. 424.8 Os7
Toxicity of insecticides.

77446 LINCOLNSHIRE BEEKEEPERS' ASSOCIATION. Year book, 1950/51. Leadenham,1951. 68 p. 424.9 L63

77447 LUKOSCHUS, F. Über die prothoraxdrüse der honigbiene (Apis mellifica L.). Naturwissenschaften 39: 116. Mar.1,1952. 474 N213

77448 LUNDIE, A. E. The principal diseases and enemies of honey bees. So. African Bee J. 27:9. (Cont.) Mar./Apr.1952. 424.8 So82
Aethina tumida.

77449 LUNDIE, A. E. The principal diseases and enemies of honey bees. So. African Bee J. 27(2):13,15. (Cont.) May/June 1952. 424.8 So82

77450 LÜTHI, P. Zur kastenfrage. Schweiz. Bienen-Ztg. 75:263-264. June 1952. 424.8 Sch9

77451 LUTZ, J. Bericht über die standbesuche und die nosemahilfskasse des VDSB im jahre 1951. Schweiz. Bienen-Ztg. 75:165-168. Apr.1952. 424.8 Sch9

77452 LUTZ, J. Schwarmvermittlung des VDSB. Schweiz. Bienen-Ztg. 75:168-169. Apr.1952. 424.8 Sch9

77453 MACE, H. The bee-keeper's handbook. London,Ward,Lock,1952. 256 p. 424 M152Bk

77454 MCFADZIEN, J. Beekeeping in New Zealand. Gleanings Bee Cult. 80:396-399. July 1952. 424.8 G47

77455 MACK, F. Das seelenleben der bienen. Südwestdeut. Imker 4:110-111. Apr.1952. 424.8 Su25

77456 MAGES, L. Des cires gaufrées, erreurs à redresser. J. Suisse d'Apicult. 49:105-107,149-151. (Cont.) Apr.-May 1952. 424.9 So1

77457 MAGES, L. Hérédité chez les abeilles. J. Suisse d'Apicult. 48:285-290,320-323; 49:44-46. Oct.-Nov.1951,Feb.1952. 424.9 So1

77458 MAIER, K. 25 jahre Heidelberger imkerschule. Südwestdeut. Imker 4:134. May 1952. 424.8 Su25

77459 MAKEEV, V. G. Care of honeybees at the apiary of Voroshilov Collective Farm [in Kimovskii District, Moscow Region]. (In Russian.) Pchelovodstvo 10(1):19-24. Jan.1952. 424.8 P295

77460 MARIOLOPOULOU, N. Some general information about beekeeping in Greece. Bee World 33:118-119. July 1952. 424.8 B399

77461 MARKIN, I. I. On advantages of hives with top entrances. (In Russian.) Pchelovodstvo 28(12):20-21. Dec.1951. 424.8 P295

77462 MARMET, P. Die bauerneuerung in berglagen. Schweiz. Bienen-Ztg. 75:226-227. May 1952. 424.8 Sch9

77463 MARZORATI, O. Cambio de reinas. Pampa Argentina 25(291):10-11. Mar.1952. 9 P19

77464 MARZORATI, O. Consejos para la invernada. Chacra 22(259):36. June 1952. 9 C34
Colony management of Apis mellifera in Argentina.

77465 MATESHVILI, M. I. On methods of sending brood for laboratory diagnosis of foulbrood diseases. (In Russian.) Pchelovodstvo 28(12):34-35. Dec.1951. 424.8 P295

77466 MATHIS, M. Action du froid sur une colonie d'abeilles. Cahiers Apic. 8:40-46. Jan./Mar.1952. 424.8 C73

77467 MATHIS, M. De la capture et du maniement des essaims. Cahiers Apic. 8:19-22. Jan./Mar.1952. 424.8 C73

77468 MATHIS, M. Polygynie temporaire, mais constante et naturelle chez Apis mellifica var. punica en Tunisie; absence de combats mortels entre les reines. Acad. des Sci. Compt. Rend. 234:2390-2392. June 9,1952. 505 P21

77469 MATT, K. Kurzlebende königinnen. Südwestdeut. Imker 4:136. May 1952. 424.8 Su25

77470 MAURIZIO, A. Etude sur les succédanés du pollen. J. Suisse d'Apicult. 48:134-139. (Concl.) May 1951. 424.9 So1

77471 MEDICI, M. La apicultura esta en constante progreso. Mundo Agr. 4(37):45. June 1952. 9 M92

77472 MEL'NIK, M. I. On the management of a multi-queen colony of bees. (In Russian.) Pchelovodstvo 28(9):36-37. Sept.1951. 424.8 P295

77473 MEYER, W., and ULRICH, W. Zur analyse der bauinstinkte unserer honigbiene. Naturwissenschaften 39: 264. June 1,1952. 474 N213

77474 MIHELIČ, S. Modern AZ-bee hive. (In Slovenian.) Slovenski Čebelar 54:82-84. May 15,1952. 424.8 SL5

77475 MILNE, P. S., and INGOLD, G. A. Imports of bees, 1947-1951. Brit. Bee J. 80:200-202. Mar.29,1952. 424.8 B77

77476 MILOTA, F. "Kniffe, griffe und gedanken." Meine erfahrungen mit dem zweivolkbetrieb. Osterr. Imker 2:41-43. Mar.1952. 424.8 Os7

77477 MITROPOL'SKII, A. Vigor of honeybee colonies and their productivity. (In Russian.) Pchelovodstvo 28(12):19-20. Dec.1951. 424.8 P295

77478 MOISEEV, K. V. Georgian mountain bees in Kazakhstan. (In Russian.) Pchelovodstvo 28(9):26-30. Sept.1951. 424.8 P295

77479 MOMMERS, J. Control of the acarine disease in Zeeland-Flanders. (In Dutch.) Maandschr. v. Bijenteelt 54:67-69,90-91. May-June 1952.

77480 MORGENTHALER, O. What's happening about Apimondia? Bee World 33:96-97. June 1952. 424.8 B399

77481 MORGENTHALER, P. Über das bienenblut. Schweiz. Ent. Gesell. Mitt. 24:203. July 20,1951. 420 Sw6

77482 MORRIS, E. W. T. Wax secretion and swarm control. Irish Bee-Keeper 7:155-156,158. July 1952. 424.8 Ir42

77483 MOTTIER, P. P. La culture fruitière moderne et l'apiculture. J. Suise d'Apicult. 48:253-255. Sept. 1951. 424.9 So1

77484 MOULIN, A., and BERTUCHOZ, C. La loque européenne. J. Suisse d'Apicult. 49:203-205. July 1952. 424.9 So1

77485 MULLER, E. The Portuguese bee. Bee World 33:91-92. June 1952. 424.8 B399

77486 MUSSHAUSER, J. Begattung. Carnika-Züchterring 4:54-55. May/June 1952. 424.8 C21

77487 MUSSHAUSER, J. O gute Silvretta—du schlimme Carnica! Carnika-Züchterring 4:52-53. May/June 1952. 424.8 C21

77488 MUSSHAUSER, J. Rassen — gattungen — stämme. Osterr. Imker 2:50-51. Mar.1952. 424.8 Os7
Also in Carnika-Züchterring 4:30-31. Mar./Apr.1952. 424.8 C21

77489 MUSSIGER, W. Gründe für das versuchwinden der königin aus einem volke. Nordwestdeut. Imkerztg. 4: 121-123. Apr.1952. 424.8 N753

77490 NEIDEL, W. Die zukunft des begattungskästchens. Deut. Bienenztg. 7:51-54,68-71. Apr.1-May 1, 1952. 424.8 D488

77491 NICHOLS, P. J. Shade boards. Mod. Beekeeping 36:201,207. June 15,1952. 424.8 M397

77492 NORTON, A. E. Exit the wax press. Aus'ralas. Beekeeper 53:257-259. Apr.15,1952. 424.8 Au72

77493 NOSKOVA, E. A. Method for a speedy increase of honeybee colonies. (In Russian.) Pchelovodstvo 28(9): 52. Sept.1951. 424.8 P295

77494 OLBERG, G. Die geschlechtsbestimmung der bienen. Imkerfreund 6:243-244. July 1951. 424.8 Im43

77495 ONCKEN, W. Ist die Schweiermethode überall angebracht? Niedersächs. Bienenfr. 4:85-86. Apr.1952. 424.8 N552

77496 OSTERHOLZER, F. Die belegstelle "holzhackerhaus" München. Imkerfreund 6:198-199. June 1951. 424.8 Im43

77497 PAHUD, T. Le problème de la sélection des abeilles. J. Suisse d'Apicult. 49:144-147. May 1952. 424.9 So1

77498 PALM, M. O. Le problème de l'apiculture et de la lutte antiparasitaire. J. Suisse d'Apicult. 48:326-329. Nov.1951. 424.9 So1

77499 PALMROSE, G. V. We need more theory in beekeeping. Gleanings Bee Cult. 80:427. July 1952. 424.8 G47

77500 PAVORD, A. V. Control bees. Lincolnshire Beekeepers' Assoc. Ybk. 1950/51:15-17. 424.9 L63

77501 PESCIO, M. Las abejas y el polen. Chacra 22(260):37. July 1952. 9 C34

77502 PESCIO, M. El cuidado de los panales. Chacra 22(259):33. June 1952. 9 C34

77503 PIRNAT, J. The problem of a runaway queenbee. (In Slovenian.) Slovenski Čebelar 54:87-88. May 15, 1952. 424.8 SL5

77504 PLANGG, J. Obstbauer und imker. Osterr. Imker 2:54-55. Mar.1952. 424.8 Os7

77505 POLTEV, V. I. For enforcement of measures in the control of honeybee diseases. (In Russian.) Pchelovodstvo 28(12):6-8. Dec.1951. 424.8 P295

77506 POWER, J. Feeding with raw sugar. Irish Bee-Keeper 7:157-158. July 1952. 424.8 Ir42

77507 PRIEHAUSSER, G. Kann tannentracht vorausgesagt werden? Imkerfreund 6:186-187. June 1951. 424.8 Im43

77508 PURSEY, M. Cull those queens. Bee Craft 34: 95-96. June 1952. 424.8 B3925

77509 RÄMAN, C. A. Electric heat once more. (In Swedish.) Bitidningen 51:137-139. June 1952. 424.8 B54
In beehives.

77510 RANFT, A. Ei-ablage nach wunsch! Der "Ranft-Brutreflexauslöser" und seine anwendung in der praxis. II. Carnika-Züchterring 4:33-34. Mar./Apr. 1952. 424.8 C21

77511 RECHTER, W. Späte einfütterung. Imkerfreund 6:301. Sept.1951. 424.8 Im43

77512 RECKNAGEL, H. Eingehende beobachtung einer umweiselung. Imkerfreund 7:23-24. Jan.1952. 424.8 Im43

77513 RINCK. Die betriebswirtschaftliche und pflanzenbauliche bedeutung der bienenhaltung im landwirtschaftlichen betrieb. Südwestdeut. Imker 4:161. May 1952. 424.8 Su25

77514 RODIONOV, V. V. On increasing the productivity of honeybee colonies. (In Russian.) Pchelovodstvo 10(1):25-29. Jan.1952. 424.8 P295
Colony management.

77515 ROGERS, N. V. One man's meat. II. Bee Craft 34:94-95. June 1952. 424.8 B3925
Colony management.

77516 ROUYER, R. Du pesage en apiculture. Cahiers Apic. 8:23-26. Jan./Mar.1952. 424.8 C73

77517 RUCKSTUHL. Elevage de reines. J. Suisse d'Apicult. 49:107-109. Apr.1952. 424.9 So1

77518 RUSSKOV, E. I. Toward increasing the profitability of apiaries on the collective farms of Uzbekistan. (In Russian.) Pchelovodstvo 28(9):31-35. Sept.1951. 424.8 P295

77519 RUTTNER, F. Die aussenmerkmale des Carnica-Stammes Troiseck. Osterr. Imker 2:67-69. Apr.1952. 424.8 Os7

77520 RUTTNER, F. Erfahrungen mit höselhefe. Osterr. Imker 2:52-53. Mar.1952. 424.8 Os7

77521 SANDER, H. Nicht so viel angst vor der kälte. Westfälische Bienenztg. 65:41-44. Feb.1952. 424.8 W526

77522 SARKISIAN, P. D. It is necessary to utilize the capicity for speedy growth of honeybee colonies. (In Russian.) Pchelovodstvo 28(12):26-27. Dec.1951. 424.8 P295

77523 SASS, W. Naturbau und honigraum. I. Deut. Bienenztg. 7:49-51. Apr.1,1952. 424.8 D488

77524 SASS, W. Naturbau und honigraum. II. Deut. Bienenztg. 7:65-68. May 1,1952. 424.8 D488

77525 SCHESTAUBER, J. Der ablauf des bienenjahres—das ABC der erfolgreichen imkerei. Osterr. Kleintierzüchter 9/10:79-80. (Cont.) May 1952. 49 Os7

77526 SCHESTAUBER, J. Der ablauf des bienenjahres—das ABC der erfolgreichen imkerei. Osterr. Kleintierzüchter 11/12:96. (Cont.) June 1952. 49 Os7

77527 SCHMIDT, H. W. Bienengift, ein wertvolles heilmittel! Imkerfreund 7:25-26. Jan.1952. 424.8 Im43

77528 SCHMIDT, H. W. Was sagt der imker zu den modernen insekten-berührungsgiften? Nordwestdeut. Imkerztg. 4:154-156. May 1952. 424.8 N753

77529 SCHMITZ, W. Der vereinfachte zwei- und mehrvolkbetrieb. Imkerfreund 6:399-400. Dec.1951. 424.8 Im43

77530 SCHNEIDER, H. Observations sur le mal de la forêt ou maladie noire. J. Suisse d'Apicult. 49:41-43. Feb.1952. 424.9 So1

77531 SCHNEIDER, H., and BRUGGER, A. Observations sur und difformité héréditaire chez l'abeille mellifique. J. Suisse d'Apicult. 49:14-19. Jan.1952. 424.9 So1

77532 SCHUBERT, A. Bienenzucht und obstbau. Imkerfreund 7:42-45. Feb.1952. 424.8 Im43

77533 SCHUBERT, A. Das grosse rätsel um die honigtaubildung — einmal anders betrachtet. Carnika-Züchterring 4:35-36. Mar./Apr.1952. 424.8 C21

77534 SCHUBERT, A. Das rätsel um die brutzellendeckel. Carnika-Züchterring 4:37-38. Mar./Apr.1952. 424.8 C21

77535 SCHUBERT, A. Zur königinnen-erneuerung. Carnika-Züchterring 4:53. May/June 1952. 424.8 C21

77536 SCHUG, A. Das honighaus als vielfachgerät. Imkerfreund 6:385-386. Nov.1951. 424.8 Im43

77537 SCHULZ-LANGNER, E. Aus dem Dahlemer Institut für Bienenkunde. Deut. Bienenztg. 7:74-76. May 1,1952. 424.8 D488
Mainly on exhibit showing history of beehives.

77538 SCHUMACHER, W. Die aufgabe und bedeutung der kantonalvereine und ihre stellung im zentralverein. Schweiz. Bienen-Ztg. 75:181-185. Apr.1952. 424.8 Sch9

77539 SCHWEISHEIMER, W. Bee poison for curing diseases, its use in rheumatic and arthritic conditions. So. African Bee J. 27(2):10-11. May/June 1952. 424.8 So82

77540 SHATKOVSKII, G. I. A restored apiary (From the practices of beekeeper, P. S. Birîukov). (In Russian.) Pchelovodstvo 28(12):15-16. Dec.1951. 424.8 P295

77541 SHAW, H. Notes on the brood food theory of swarming. Scot. Beekeeper 28:122. June 1952. 424.8 Sco8

77542 SHISHIKIN, E. A. On wintering bees in the open. (In Russian.) Pchelovodstvo 28(9):14-15. Sept. 1951. 424.8 P295

77543 SIMPSON, J. The composition of the stores produced by bees from sugar syrup. Bee World 33:112-117. Ref. July 1952. 424.8 B399

77544 SIVOKHIN, V. P. For high and stable honey flows in Primorski Krai. (In Russian.) Pchelovodstvo 10(1):46-51. Jan.1952. 424.8 P295

77545 SMITH, M. V. Have you rented your bees yet? Farmer's Mag. 49(6):11,66. June 1952. 7 C165
For clover pollination.

77546 STÅGER, R. Mehrfacher besuch schon ausgebeuteter blüten ein- und desselben pflanzenbestandes durch die honigbiene auf ein- und demselben trachtflug und ähnliches. Schweiz. Bienen-Ztg. 75:220-222. May 1952. 424.8 Sch9

77547 STEINER, H. Bienenhaltung und bienenzucht; ein weg zur selbsthilfe. München,Verlag Heimat und Arbeit Oppeln,1951. 58 p. 424 St32

77548 STEWART, L. R. Winter removal of the crop. Amer. Bee J. 92:243. June 1952. 424.8 Am3

77549 STORCH, H. Vorsicht beim ankauf von bienenvölkern. Hess. Biene 87:278-279; 88:17-18. Mar.-Apr. 1952. 424.8 B476

77550 STURMFELS. Erfahrungen mit der stockheizung. Westfälische Bienenztg. 65:44-46. Feb.1952. 424.8 W526

77551 TALLARICO, G. The bees communicate with dances and perfumes. (In Italian.) Humus 8(3):11-12. Mar.1952. 16 H88

77552 THORP, J. K. R. African beekeepers. Beekeepers' Mag. 15(5):18-20. May 1952. 424.8 M58

77553 THORP, J. K. R. African beekeepers. II. Beekeepers Mag. 15(6):10-11. June 1952. 424.8 M58

77554 THORP, J. K. R. African beekeepers. V-VI. Beekeepers Mag. 15(7):10-11. July 1952. 424.8 M58

77555 TILTSCHER, J. Das flugloch der bienenwohnung. Imkerfreund 7:128-129. Apr.1952. 424.8 Im43

77556 TOWNSEND, G. F., and BURKE, P. W. Beekeeping in Ontario for honey production and pollination. Ontario.Dept. Agr. B. 490,53 p. Ref. May 1952. 101 On8B

77557 TRÎASKO, V. V. Method of obtaining fruitful queens in micronuclei. (In Russian.) Pchelovodstvo 28 (9):18-25. Sept.1951. 424.8 P295

77558 TSVETKOV, I. P. Economics and organization of beekeeping on the leading collective farms. (In Russian.) Pchelovodstvo 10(1):7-14. Jan.1952. 424.8 P295

77559 TSYGANKOV, S. K. Isolation of honeybees in hives during the conduct of chemical treatments of cotton. (In Russian.) Pchelovodstvo 28(12):35-36. Dec.1951. 424.8 P295

77560 TURNBULL, W. H. Use care in handling honey. West Canada Beekeeper 15(6):8-9. June 1952. 424.8 W525

77561 TUSCHHOFF, O. Königinnenzucht mit übertragenen eiern. Imkerfreund 6:351-354. Oct.1951. 424.8 Im43

77562 TUSCHHOFF, O. Schnelles einfüttern. Imkerfreund 6:301-302. Sept.1951. 424.8 Im43

77563 TUSCHHOFF, O. Wieder ein voller erfolg. Deut. Bienenztg. 7:54-56. Apr.1,1952. 424.8 D488
Nutrition.

77564 TUSCHOFF, H. Leistungszucht und lebenskraft. Hess Biene 87:283-284. (Concl.) Mar.1952. 424.8 B476

77565 VAGANOV, V. V. Two queens in one colony. (In Russian.) Pchelovodstvo 28(12):42-43. Dec.1951. 424.8 P295

77566 VANSELL, G. H. Use of honey bees in alfalfa (lucerne) seed production. So. African Bee J. 27:7. (Cont.) Mar./Apr.1952. 424.8 So82

77567 VECCHI, A., and GIAVARINI, I. Research on the racial characteristics of the domestic bee. (In Italian.) Bologna. U. Ist. di Ent. B. 18:1-13. 1950/51,pub. 1952. 420 B63

77568 VECHKANOV, V. G. Device for wiring and waxing frames. (In Russian.) Pchelovodstvo 28(12):21-24. Dec.1951. 424.8 P295

77569 VERRUN, J. Versuche mit der wolkenkratzerbeute (WKB) mit mehreren königinnen. Hess. Biene 88: 11-12. Apr.1952. 424.8 B476

77570 VERT, M. Pobres zánganos! Cult. Mod. 35: 171-172. May 1952. 15 C89
Function of the drones in the hive.

77571 VILLUMSTAD, E. Training of bees. (In Norwegian.) Frukt og Baer 4:33-37. 1951. 80 F9428

77572 VINOGRADOVA, T. V. Feeding sugar sirup with yeasts to honeybees. (In Russian.) Pchelovodstvo 28(12):17-18. Dec.1951. 424.8 P295

77573 VOLGIN, P. No attention is given to beekeeping in the Karelo-Finnish SSR. (In Russian.) Pchelovodstvo 10(1):14-16. Jan.1952. 424.8 P295

77574 VOMSATTEL, M. Wanderbienenzucht. Schweiz. Bienen-Ztg. 75:223-226. May 1952. 424.8 Sch9

77575 WEAVER, N. The toxicity of organic insecticides to honey bees. J. Econ. Ent. 45:537-538. June 1952. 421 J822

77576 WEGMANN, F. Durch brütstopp zur frühtracht. Südwestdeut. Imker 4:102-103. Apr.1952. 424.8 Su25

77577 WEISS, K. Ein praktikanten-jahr. Imkerfreund 6:393-394. Dec.1951. 424.8 Im43

77578 WELKER, K. Kalt oder warm? Deut. Bienenztg. 7:56-57. Apr.1,1952. 424.8 D488

77579 WELKER, K. Meine betriebsweise in der Frauenberger dickwabenbeute. Deut. Bienenztg. 7:33-35. Mar.1,1952. 424.8 D488

77580 WILD, E. Durch- und auswinterung in berglagen. Schweiz. Bienen-Ztg. 75:228-229. May 1952. 424.8 Sch9

77581 WILDEN, B. Untersuchungen über bienenwachs. Westfälische Bienenztg. 65:47-48. Feb.1952. 424.8 W526

77582 WOODROW, A. W. Effect of time of pollination by honey bees on red clover seed yields. J. Econ. Ent. 45:517-519. June 1952. 421 J822

77583 ZANDER, E. Die brutkrankheiten und ihre bekämpfung. Ed. 6. Stuttgart,Ulmer,1951. 61 p. (Handbuch der bienenkunde in einzeldarstellungen, v.1) 424 Z1H

77584 ZANDER, E. Die eigenart der honigbiene (Apis mellifica L.). Z. f. Angew. Ent. 33:52-68. Nov. 1951. 421 Z36

77585 ZANDER, E. Mit sang und klang durchs bienenland. Südwestdeut. Imker 4:154-158,190-195. May-June 1952. 424.8 Su25

77586 ZANDER, E. Raps und biene. Z. f. Bienenforsch. 1:135-140. Apr.1952. 424.8 Z3
Pollination.

77587 ZIEGET, I. The Langstroth Bee Garden. Herbarist 18:33-35. 1952. 80 H41

77588 ZIMMERMANN, P. Le problême de la sélection de nos abeilles. J. Suisse d'Apicult. 48:202-203. July 1951. 424.9 So1

77589 ZIMMERMANN, P. Quelques propos sur la parthénogénèse. J. Suisse d'Apicult. 48:163-165. June 1951. 424.9 So1

77590 ŽUNKO, I. The victims of the winter. (In Slovenian.) Slovenski Čebelar 54:91-92. May 15,1952. 424.8 SL5

ARACHNIDA, MYRIAPODA, ETC.

77591 ALEXANDER, R. M. Tick paralysis, report of a case in Florida. Amer. Med. Assoc. J. 149:931-932. July 5,1952. 448.9 Am37

77592 ARAGAO, H., and FONSECA, F. DA. Notes on Ixodidae. I. Two new species of Ixodes and a new name for Haemaphysalis kochi Aragão, 1908 (Acari, Ixodidae). (In Portuguese.) Inst. Oswaldo Cruz Mem. 49:567-574. Mar.1951. 448.9 In74

77593 BAKER, E. W., and PRITCHARD, A. E. The false spider mite genus Pseudoleptus Bruyant (Acarina: Phytoptipalpidae). Pan-Pacific Ent. 28:112-117. Apr. 1952. 421 P193

77594 BAKER, E. W., and PRITCHARD, A. E. The geisenheyneri species group of the genus Brevipalpus (Acarina: Phytoptipalpidae). Ann. & Mag. Nat. Hist. (ser.12)5:609-613. Ref. June 1952. 410 An77

77595 BAKER, E. W., and PRITCHARD, A. E. Larvacarus, a new genus of false spider mites. Ent. Soc. Wash. Proc. 54:130-132. June 1952. 420 W27

77596 BALTAZARD. Ornithodorus tartakovskyi Olenev 1931 et Borrelia (spirochaeta) latychevi Sofiev 1941. Note préliminaire. Ann. de Parasitol. Humaine et Compar. 27:311-328. 1952. 436.8 An7

77597 BATCHELOR, G. S. The eriophyid mites of the State of Washington. Wash. Agr. Expt. Sta. Tech. B. 6,32 p. Ref. Apr.1952. 100 W27T
Includes a species and host index.

77598 BRENNAN, J. M. The genus Pseudoschongastia Lipovsky, 1951 with the description of two new species and a key to the world species, also Neoschongastia paenitens, new name for Neoschongastia kohlsi Brennan, 1951, preoccupied (Acarina, Trombiculidae). Ent. Soc. Wash. Proc. 54:133-137. June 1952. 420 W27

77599 BRENNAN, J. M. Trombicula cynos Ewing, 1937, and three related new species (Acarina: Trombiculidae). Wasmann J. Biol. 10:55-65. Spring 1952. 442.8 W28

77600 BRIAN, A. Substitution of a name for Marioniscus mihi (nec Barnard) (Isopoda, Trichoniscidae). (In Italian.) Soc. Ent. Ital. B. 81:48. July 1951. 420 It1
Finaloniscus Brian= Marioniscus Brian not Barnard.

77601 CAUSEY, N. B. Some records and descriptions of polydesmoid millipeds from the United States. Nat. Hist. Misc. 106,11 p. May 9,1952. 500 C43Na
Includes new species in Eurymerodesmus, Paresmus and Eutheatus.

77602 CHICKERING, A. M. Two new species of Dictynidae (Araneae) from Panama. Psyche 58:149-157. Dec.1951. 421 P95
In Dictyna and Thallumetus.

77603 CROMPTON, J. The life of the spider. Boston, Houghton Mifflin,1951. 254 p. Ref. 434 C88

77604 CURBELO HERNANDEZ, A., and MARQUEZ BISCAY, V. Importancia epidemiologica de las garrapatas en Cuba. Rev. Kuba de Med. Trop. y Parasitol. 8(1/3):14-15. Jan./Mar.1952. 448.8 R3282

77605 DENIS, J. Notes d'aranéologie marocaine. I. Les Zelotes du Maroc. Rev. Franc. d'Ent. 19:113-126. Ref. 1952. 421 R323

77606 DUNN, R. A. Spiders of the Russell Grimwade Expedition. Natl. Mus. Victoria. Mem. 17:9-18. Mar. 1951. 514 M484
New species in Storena, Prionosternum n.g., and Cytaea.

77607 DÜZGÜNES, P. Z. Citrus mites in Turkey. (In Turkish.) Bitki Koruma B. 1:6-10. Jan.1952. 464.8 B54
English summary.

77608 EJSING, G. Experiments on the control of pear gall mites [Eriophyes pyri?]. (In Danish.) Haven 52:107. July/Aug.1952. 80 H29

77609 EJSING, G. Experiments on the control of the pear gall mite [Eriophyes pyri?]. (In Danish.) Erhvervsfrugtavleren 18:249-251. June 1,1952. 80 Er3

77610 GAINES, J. C., KING, C. E., and FULLER, F. M. Spider mite [Septanychus texazona] control on cotton. J. Econ. Ent. 45:523-526. June 1952. 421 J822

77611 GAMBLES, R. M. Myocoptes musculinus (Koch) and Myobia musculi (Schranck), two species of mite commonly parasitising the laboratory mouse. Brit. Vet. J. 108:194-203. Ref. June 1952. 41.8 V643

77612 GASSER, R. Zur kenntnis der gemeinen spinnmilbe Tetranychus urticae Koch. 1. Schweiz. Ent. Gesell. Mitt. 24:217-262. Ref. Oct.15,1951. 420 Sw6
English summary.

77613 GAZTAMBIDE ARRILLAGA, C. Pérdidas causadas por la garrapata. Rev. Ganad.[Habana] 12(5):29. May 1952. 49 R321

77614 GEORGHIOU, G. P. The citrus rust mite [Phyllocoptruta oleivora]. Countryman [Nicosia] 6(4/5): 12-16. Ref. Apr./May 1952. 25 C83

77615 GOFFIN, J. L. C. Beware the black widow. Today's Health 30(7):36-37,62-63. July 1952. 449.8 H993
Latrodectus mactans.

77616 GONTARSKI, H. Zwischenstaatliche milbenseuchenbesprechung in Bad Dürkheim am 30. 3. 1951. Imkerfreund 6:196-198. June 1951. 424.8 Im43

77617 GROB, H. Beobachtungen uber den populationsverlauf der spinnmilben in der Westschweiz. Schweiz. Ent. Gesell. Mitt. 24:263-278. Ref. Oct.15, 1951. 420 Sw6

77618 HAHMANN, D., and MULLER, H. W. K. Zum auftreten und zur bekämpfung der erdbeermilbe [Tarsonemus pallidus]. 2. Nachrbl. des Deut. Pflanzenschutzdienstes 4:33-37. Mar.1952. 442.9 B832

77619 HAHMANN, K., and MULLER, H. W. K. Zur bekämpfung des getüpfelten tausendfusses [Cylindroiulus spp.]. Nachrbl. des Deut. Pflanzenschutzdienstes 4:22-24. Feb.1952. 442.9 B832

77620 HEY, G. L. PCPBS and red spider [Tetranychus]. Grower [London] 38:28-29. July 5,1952. 286.83 M34

77621 HIRSCHFELDER, H. Das verhalten der tracheenmilbe Acarapis woodi R. beim verlassen und aufsuchen der wirtsbienen. Z. f. Bienenforsch. 1:141-147, 170. Ref. Apr.1952. 424.8 Z3

77622 HOFFMAN, R. L. A new genus [Sigmogonotropis] of Central American milliped (family Euryuridae), with notes on the American genera. U. S. Natl. Mus. Proc. 102:235-243. 1951. 500 Sm65P

77623 HOLLDOBLER, K. Uber eine milbenschädigung der rossameise (Camponotus herculeanus), die durch eine fehlreaktion des wirtes wirksam wird. Z. f. Angew. Ent. 33:104-107. Nov.1951. 421 Z36

77624 JANCKE, O. Milben an reben. Gesunde Pflanzen 4:97-101. Apr.1952. 464.8 G33

77625 JEEKEL, C. A. W. Milliped miscellany. Ent. Ber. 14:71-77. May 1,1952. 420 N38B
Includes a new species in Riukiaria.

77626 JUNCA, L. F. Lucha contra la garrapata. Rev. Agr. y Ganad. 13,i.e.14(145):10-11. Feb.1952. 9.4 R327

77627 KALRA, S. L., and JACOB, V. P. Effect of DDT and BHC on Ornithodorus ticks. II. Indian J. Med. Res. 39:311-317. July 1951. 448.8 In22

77628 KEIFER, H. H. Eriophyid studies. XIX. Calif. Dept. Agr. B. 41:65-74. Apr./June 1952. 2 C12M
Includes new species in Aceria, Paraphytoptus, and Tetra.

77629 KEMPER, H. E., ROBERTS, I. H., and PETERSON, H. O. Tests with benzene hexachloride on chorioptic scab mites [Chorioptes bovis var. caprae]. Sheep & Goat Raiser 32(9):56-58. June 1952. 45.8 Sh3
On goats.

77630 LAMB, K. P. A preliminary list of New Zealand Acarina. Roy. Soc. New Zeal. Trans. & Proc. 79: 370-375. Ref. Mar.1952. 514 W46

77631 LAWRENCE, R. F. New spiders from the eastern half of South Africa. Natal Mus. Ann. 12:183-226. Ref. Apr.1952. 515 N19
In Spiroctenus, Oecobius, Loxosceles, Gamasomorpha, Ariadna, Prodidomus, Palpimanus, Cydrelichus, Chariobas, Diores, Stiphropus, Stiphropella n.g., Xysticus, Philodromus, Tibellus, Selenops, Olios, Panaretella [i.e. Paranetella], Clubiona, Austrophaea n.g., Campostichomma, Phanotea, Trabaea, Evippa, Pseudevippa and Zenonina.

77632 LOCHNER, E. H. W. The control of the red spider (Tertranychus bimaculatus Harvey). Union So. Africa Dept. Agr. Sci. B. 306,29 p. 1951. 24 So84S

77633 MCGREGOR, E. A. A new spider mite (Acarina, Tetranychidae). Ent. Soc. Wash. Proc. 54:142-144. June 1952. 420 W27
Tetranychus frosti.

77634 MATTHYSSE, J. G., and NAEGELE, J. A. Spruce mite [Paratetranychus ununguis] and southern red mite [P. ilicis] control experiments. J. Econ. Ent. 45: 383-387. June 1952. 421 J822

77635 MICHELBACHER, A. E., MIDDLEKAUFF, W. W., and BACON, O. G. Mites on melons in northern California. J. Econ. Ent. 45:365-370. June 1952. 421 J822
Tetranychus species.

77636 MICHELBACHER, A. E., and BACON, O. G. Spider mites on walnuts; continued experiments in northern California groves indicate insect control program to keep mites in check. Calif. Agr. [Calif. Sta.] 6(6):4,15. June 1952. 100 C12Cag

77637 MILLER, L. W. The hatching of the overwintering eggs of the European red mite [Paratetranychus pilosus]. Tasmanian J. Agr. 23:102-116. Ref. May 1952. 23 T182T

77638 NAGPAL, D. D. A case of acariasis in a dog associated with mites of the genus Cheyletiella. Indian Vet. J. 28:415-417. May 1952. 41.8 In2

77639 NEISWANDER, R. B. Control of mites on woody ornamental plants. J. Econ. Ent. 45:373-376. June 1952. 421 J822

77640 NESBITT, H. H. J. A taxonomic study of the Phytoseiinae (family Laelaptidae) predaceous upon tetranychidae of economic importance. Rmus. van Nat. Hist. Zool. Verhandel. 12,64 p. Ref. Sept.20,1951. 410.9 L59Z
Includes new species in Typhlodromus, Garmania n.g., and Kampimodromus n.g.

77641 POZO LORA, R. La garrapata del perro Rhipicephalus sanguineus (Latr. 1806). Ganadería [Madrid] 10: 64-65. Feb.1952. 49 G15

77642 RAO, K. N. A. A case of tick typhus in Srinagar. Indian J. Med. Res. 39:293-296. July 1951. 448.8 In22

77643 REYNOLDS, H. T., ANDERSON, L. D., and SWIFT, J. E. Acaricide dusts on vegetable and field crops in southern California, 1949-1950. J. Econ. Ent. 45:359-365. June 1952. 421 J822

77644 RODRIGUEZ, J. G. and RODRIGUEZ, L. D. The relation between minerals, B-complex vitamins and mite populations in tomato foliage. Ent. Soc. Amer. Ann. 45:331-338. Ref. June 1952. 420 En82

77645 ROTH, V. D. The genus Cybaeus (Arachnida: Agelenidae) in Oregon. Ent. Soc. Amer. Ann. 45:205-219. June 1952. 420 En82
Includes new species.

77646 SACHS, H. Uber das verhalten und die orientierung der tracheenmilbe Acarapis woodi woodi (Rennie, 1921) auf bienen. Z. f. Bienenforsch. 1:148-170. Ref. Apr.1952. 424.8 Z3

77647 SCHWINCK, I. Zur funktion der perikardialzellen, weitere experimentelle untersuchungen an der larve von Panorpa communis L. Naturwissenschaften 39: 160-161. Apr.1,1952. 474 N213

77648 SMITH, C. F., and FARRIER, M. H. Notes on Azalea mites. (Abs.) Assoc. South. Agr. Workers. Proc. 49:84. 1952. 4 C82
Paratetranychus ilicis and Tetranychus sp.

77649 TOBLER, E., and SCHUTZ, A. Zur frage der milbenbekampfung. Schweiz. Bienen-Ztg. 75:186-189. Apr.1952. 424.8 Sch9

77650 TUNBLAD, B. Control of red mite [Paratetranychus pilosus]. (In Swedish.) Sveriges Pomol. För. Fruktodlaren 2:39-42. 1952. 86 Sv2F
On fruit.

77651 TUZET, O., and MANIER, J. F. Le cycle de Legerella nova Schneider, coccidie parasite des tubes de Malpighi du Glomeris marginata Villers, et son observation par le microscope a contraste de phases. Ann. des Sci. Nat. Zool. et Biol. Anim. (ser.11)13:343-349. 1951, pub.Mar.1952. 410 An7

COLEOPTERA

77652 ALLEN, A. A. Ceuthorhynchus turbatus Schz., not parvulus Bris. (Col., Curculionidae) in Kent; and an apparently erroneous Oxford record of C. parvulus. Ent. Mon. Mag. 88:134. June 1952. 421 En86

77653 ANDERSON, W. H. Larvae of some genera of Cossoninae (Coleoptera: Curculionidae). Ent. Soc. Amer. Ann. 45:281-309. Ref. June 1952, 420 En82

77654 ARNETT, R. H., JR. A review of the Nearctic Adelocerina (Coleoptera: Elateridae, Pyrophorinae, Pyrophorini). Wasmann J. Biol. 10:103-126. Ref. Spring 1952. 442.8 W28
Includes new genera Lanelater, Colaulon and Rhaciaspis; also new sub genus and new combinations in Lepidotus.

77655 BALAZUC, J. Un Ergates faber L. gynandromorphe (Col. Cerambycidae). Soc. Ent. de France. B. 57:34-38. 1952. 420 F84B

77656 BALAZUC, J., and VARIOT, R. P. Notes de tératologie. II. Monstruosité double chez un Goliath (Col. Scarabaeidae). Rev. Franc. d'Ent. 19:128-130. 1952. 421 R323

77657 BALFOUR-BROWNE, J. Contribution à l'étude du peuplement de la Mauritanie Coléoptères, Hydrophilides. Inst. Franç. d'Afrique Noire. B. 14:513-517. Apr.1952. 515 D14
Includes new species in Helochares.

77658 BARR, W. F. New species of Cymatodera from the southwestern United States and northern Mexico (Coleoptera, Cleridae). Amer. Mus. Novitates 1572, 9 p. June 10,1952. 500 N483N

77659 BARR, W. F. A revision of the species belonging to the new clerid genus Araeodontia (Coleoptera). Amer. Mus. Novitates 1573,17 p. June 11,1952. 500 N483N

77660 BASILEWSKY, P. Etudes sur les Chlaeniens d'Afrique. V. [Col. Carab. Callistidae]. Rev. Franc. d'Ent. 19:44-52. 1952. 421 R323
Includes new species in Compschlaenius and Chlaenites.

77661 BASSOLS, I., and BARRERA, A. Antiguos y nuevos insecticidas en el combate del picudo del algodonero, (Anthonomus grandis) Boh. Fitófilo 6(4):35-42. Ref. Jan./Feb.1952. 421 F55

77662 BECHYNE, J. Chrysomeloidea americains nouveaux ou peu connus (Coleoptera). Rev. Chilena de Ent. 1:75-112. 1951. 421 R329
Includes new species and subgenus in Metastyla, also new species in Zygogramma, Cryptostetha, Desmogramma, Eucerotoma, Plagiodera, Monocesta, Dircema, Cerotoma, Procalus, Prasona, Cacoscelis, Lactica, Chlamophora, Crepidodera, Heikertingerella, Homophoeta, Kuschelina n.g., Oedionychus and Megistops.

77663 BECKER, E. C. The Nearctic species of Denticollis (Coleoptera, Elateridae). Ent. Soc. Wash. Proc. 54:105-114. Ref. June 1952. 420 W27
Includes a new species.

77664 BECKER, G. Ausdehnung und ablauf der Dendroctonus-kalamität in Guatemala. Z. f. Angew. Ent. 33:186-209. Ref. Nov.1951. 421 Z36

77665 BECKHAM, C. M. A parasite of the vegetable weevil [Listroderes costirostris obliquus]. J. Econ. Ent. 45:541. June 1952. 421 J822
Hyalomyodes triangulifera.

77666 BECKHAM, C. M., and DURPEE, M. A report on boll weevil [Anthonomus grandis] hibernation in Georgia during 1951-52. Ga. Agr. Expt. Sta. Press B. 638,3 p. Apr.1,1952. 100 G29P

77667 BERNHARD. Achtet auf den rüsselkäfer! Landwirt. Z. der Nord-Rheinprov. 119:514-515. May 17, 1952. 18 L2344
Curculionidae.

77668 BLACKBURN, N. D., and STIVERS, J. O. Spittlebug spray treatments fail to control root borers [Hylastinus obscurus]. Pa. Agr. Expt. Sta. B. 540(sup.3): 7-8. June 1952. 100 P381

77669 BLACKWELDER, R. E. The generic names of the beetle family Staphylinidae, with an essay on genotypy. U. S. Natl. Mus. B. 200,483 p. Ref. 1952. 500 Sm65B

77670 BOMBOSCH, S. Der maikäfer, ganz kurz belichtet. Kosmos 48:216-217. May 1952. 474 K842
Melolontha melolontha.

77671 BONNEMAISON, L., and JOURD'HEUIL, P. Essais de traitements chimiques contre les adultes et les larves de l'altise d'hiver du colza (Psylliodes chrysocephala L.); emploi d'insecticides télétoxiques. Acad. d'Agr. de France. Compt. Rend. 39:335-338. Apr.30/May 7,1952. 14 P215Bc

77672 BOSQ, J. M. Novedades en Cerambicidos chilenos (Coleoptera Cerambycidae). Rev. Chilena de Ent. 1:191-197. Ref. 1951. 421 R329
In Paranda, Epipodocarpus n.g., and Pnigomenus n.g.

77673 BRAUNS, A. Zur lebensweise des "grossen schwarzen wurmes." Norddeut. Holzwirt. 6(16):6. Ref. Apr.17,1952. 99.82 N75
Coleoptera.

77674 BREAKEY, E. P., and GOULD, C. J. Wireworm control on Wedgewood iris. J. Econ. Ent. 45:538. June 1952. 421 J822

77675 BREHM, E., and HEMPEL, G. Untersuchung tagesperiodischer aktivitätsschwankungen bei käfern. Naturwissenschaften 39:265-266. June 1,1952. 474 N213

77676 BRYANT, G. E. Nepal expedition, British Museum 1949-637, Chrysomelidae collected by Mr. O. Pulunin. Presented by Mr. R. W. Lloyd. Ann. & Mag. Nat. Hist. (ser.12)5:601-608. June 1952. 410 An77
Includes new species in Lema, Cryptocephalus, Aspidolopha, Merista and Sphaeroderma.

77677 BUCK, F. D. Kloet and Hincks' 'Check List of British Insects,' a correction in the genus Lissodema (Col., Pythidae). Ent. Mon. Mag. 88:144. June 1952. 421 En86

77678 BUCK, F. D. Some coleopterous records from Hampstead Heath. Ent. Gaz. 3:100-103. Apr.1952. 421 En834

77679 BURLINI, M. Cryptocephalus lostiai, a new species of Italian Cryptocephalus. (Coleoptera, Chrysomelidae). (In Italian.) Soc. Ent. Ital. B. 81:45-47. July 1951. 420 It1

77680 CALHOUN, S. L., and DUNNAM, E. W. Field tests to determine the dosage level of heptachlor required for boll weevil [Anthonomus grandis] control. (Abs.) Assoc. South. Agr. Workers. Proc. 49:80-81. 1952. 4 C82

77681 CALHOUN, S. L., and DUNNAM, E. W. A promising new insecticide for control of cotton insects. (Abs.) Assoc. South. Agr. Workers. Proc. 49:80. 1952. 4 C82
A new chlorinated hydrocarbon, the stereoisomer of dieldrin, for control of Anthonomus grandis, Heliothis armigera, and Heliothis virescens.

77682 CAPRA, F. What is Anthrenus rossii Ponza, 1805? (Coleopt. Dermestidae and Byrrhidae). (In Italian.) Soc. Ent. Ital. B. 81:44-45. July 1951. 420 It1

77683 CARVALHO, E. L. DE. Contribution pour un nouveau catalogue de la famille des Paussides (Col. Carab. Isochaeta). Coimbra. U. Mus. Zool. Mem. e Estud 207,51 p. 1951. 410.9 C66
Includes a new species in Janssenius.

77684 CAZIER, M. A. Additions to the buprestid fauna of the Bahama Islands, British West Indies (Coleoptera, Buprestidae). Amer. Mus. Novitates 1562,10 p. May 9,1952. 500 N483N
New species in Xenorhipis, Mæ togenius and Cinyra.

77685 CAZIER, M. A. New West Indian Scarabaeidae and Cerambycidae (Coleoptera). Amer. Mus. Novitates 1566,4 p. May 14,1952. 500 N483N
In Plectromerus and Diplotaxis.

77686 CHRESTIAN, P. Résultats acquis dans la lutte contre le capnode [Capnodis tenebrionis] état actuel de la question. Fruits 7:199-207. Ref. May 1952. 80 F9492

77687 CLEU, H. Le Carabus auratus L. dans le bassin de l'Ardéche et les regions voisines. Rev. Franc. d'Ent. 19:41-43. 1952. 421 R323

77688 COCHRAN, J. H. Tests with organic phosphate dusts on the plum curculio [Conotrachelus nenuphar]. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 85. 1952. 4 C82

77689 COIFFAIT, H. Notes sur les Staphylinides. II. III. Rev. Franc. d'Ent. 19:5-16. 1952. 421 R323
II, Sur le genre Scopaeus Er.; III, Un Leptotyphlus nouveau de la faune de France.

77690 CONCI, C. [Flower] buds jumping because of Anthonomus pomorum L. (Coleoptera, Curculionidae). (In Italian.) Soc. Ent. Ital. B. 81:48. July 1951. 420 It1

77691 CROWELL, H. H. Cabbage seedpod weevil [Ceutorhynchus assimilis] control with parathion. J. Econ. Ent. 45:545-546. June 1952. 421 J822

77692 CROWSON, R. A. The classification of the families of British Coleoptera. Ent. Mon. Mag. 88:121-132. (Cont.) June 1952. 421 En86

77693 DAWSON, R. W. New species of Serica (Scarabaeidae). IX. N. Y. Ent. Soc. J. 60:65-89. June 1952. 420 N48J

77694 DAY, F. H. Records of Staphylinus spp. Ent. Rec. & J. Variation 64:187-188. June 1952. 421 En89

77695 DUTKY, S. R., and GOODEN, E. L. Coxiella popilliae, n. sp., a rickettsia causing blue disease of Japanese beetle [Popillia japonica] larvae. J. Bact. 63:743-750. June 1952. 448.3 J82

77696 EASTON, A. M. The Coleoptera of Bookham Common. Caraboidea (Geodephaga). London Nat. 31:39-44. 1951,pub.June 1952. 420 L843
Carabidae.

77697 EDEN, W. G., and BLAKE, G. H. Control of vetch bruchid [Bruchus brachialis] in Alabama. (Abs.) Assoc. South. Agr. Workers. Proc. 49:83. 1952. 4 C82

77698 EDEN, W. G. Effect of husk cover of corn on rice weevil [Sitophilus oryza] damage in Alabama. J. Econ. Ent. 45:543-544. Ref. June 1952. 421 J822

77699 EICHLER, W. Frass und kopulation, eiablage und feinde von Bothynoderes punctiventris. Ent. Z. 61:73-78. Ref. Aug. 15,1951. 421 En85

77700 ERDEM, R. Cryptorhynchus lapathi L. als ein neuer pappelkulturschaedling in der Türkei. (In Turkish.) Istanbul. U. Orman Fakul. Dergisi (ser.A)1(2):111-114. 1951. 99.9 Is72
English summary.

77701 FABER, W., and SCHREIER, O. Maikäfer-bekämpfungsversuche 1951 in Österreich. Pflanzenschutzberichte 8:87-117. Ref. May 1952. 464.9 P48
English summary.
Melolontha melolontha.

77702 FIFE, L. S., and WALKER, R. L. Volume of spray and nozzles per row in relation to boll weevil [Anthonomus grandis] control. (Abs.) Assoc. South. Agr. Workers. Proc. 49:82. 1952. 4 C82

77703 FIORI, G. Contribution to the knowledge of the morphology and etiology of the Coleoptera. V. Coptocephala küsteri Kraatz and Cryptocephalus frenatus Laich. (Chrysomelidae). (In Italian.) Bologna. U. Ist. di Ent. B. 18:182-196. Ref. 1950/51,pub.1952. 420 B63

77704 FIORI, G. Some notes on Byrrhus L. s. str. in Europe. II. Contribution to the knowledge of the family Byrrhidae (Coleoptera). (In Italian.) Bologna. U. Ist. di Ent. B. 18:293-304. 1950/51,pub.1952. 420 B63

77705 FLEMING, W. E., and MAINES, W. W. Effect of DDT and chlordane applied to control Japanese beetle [Popillia japonica] larvae on the yield of grass, rye, soybeans, and corn. U. S. Bur. Ent. & Plant Quar. E-839 9 p. June 1952. 1.9 En83

77706 FLOYD, E. H. Results of soil treatment-tests with chlordane for control of the sweet potato weevil [Cylas formicarius elegantulus]. (Abs.) Assoc. South. Agr. Workers. Proc. 49:88. 1952. 4 C82

77707 FRIEDERICHS, K. Uber karnivore Elateridenlarven und ihre bedeutung im pflanzenschutz. Z. f. Angew. Ent. 33:168-172. Ref. Nov.1951. 421 Z36

77708 GERSDORF, E. Erfahrungen mit Tanymecus palliatus. Nachrbl. des Deut. Pflanzenschutzdienstes 4: 39-40. Mar.1952. 442.9 B832

77709 GIULIANELLI, E. Contribution to the knowledge of Ceutorhynchus picitarsis Gyllh. (In Italian.) Bologna. U. Ist. di Ent. B. 18:24-29. 1950/51,pub.1952. 420 B63

77710 GODAN, D. Untersuchungen zur abtötung der rapserdflohlarven [Psylliodes chrysocephala]. I. Die wirkung von phosphorsäureestern. Nachrbl. des Deut. Pflanzenschutzdienstes 4:18-22. Ref. Feb.1952. 442.9 B832
Parathion.

77711 GT. BRIT. FORESTRY COMMISSION. Pissodes weevils. Gt. Brit. Forestry Comn. L. 29,11 p. 1952. 99.9 G795L
Pests of pine.

77712 GUIGNOT, F. Contribution à l'étude du peuplement de la Mauritanie. Dytiscides et Gyrinides. Inst. Franç. d'Afrique Noire. B. 14:529-536. Apr.1952. 515 D14
Includes new species in Yola.

77713 GUIGNOT, F. Description de deux nouveaux Dytiscides. Soc. Ent. de France. B. 57:43-44. 1952. 420 F84B
In Hydaticus and Herophydrus.

77714 GUIGNOT, F. Description de Dytiscides inédits de la collection Régimbart. Rev. Franc. d'Ent. 19: 17-31. 1952. 421 R323
New species in Agabus, Copelatus, Aglymbus and Lacconectus.

77715 GUIGNOT, F. Mission A. Villiers au Togo et au Dahomey (1950). XV. Coléoptères, Hydrocanthares. Inst. Franç. d'Afrique Noire. B. 14:518-528. Apr.1952. 515 D14
Includes new species in Copelatus.

77716 GUIMARAES, J. DE A. Notes on a forest borer, imported, in the environs of Km. 47. (In Portuguese.) Agronomia [Rio de Janeiro] 10:169-172. July/Sept.1951. 9.2 Ag892
Diplogrammus sexlineatus.

77717 GUNTER, G. Hydrophilus in salt water. N. Y. Ent. Soc. J. 60:90. June 1952. 420 N48J

77718 GUTIERREZ, R. El genero Liogenys en Chile (Coleoptera. Scarabaeidae). Rev. Chilena de Ent. 1:129-145. 1951. 421 R329

77719 HAFEZ, M., and EL-ZIADY, S. On the histology of the alimentary canal of Hyperaspis vinciguerrae Capra (Coleoptera: Coccinellidae). Soc. Fouad 1er d'Ent. B. 36:293-310. Ref. 1952. 420 Eg9

77720 HAFEZ, M., and EL-ZIADY, S. On the morphology of Hyperaspis vinciguerrae Capra (Coleoptera: Coccinellidae). Soc. Fouad 1er d'Ent. B. 36:247-291. Ref. 1952. 420 Eg9

77721 HAFEZ, M., and EL-ZIADY, S. Studies on the biology of Hyperaspis vinciguerrae Capra, with a full description of the anatomy of the fourth stage larva (Coleoptera: Coccinellidae). Soc. Fouad 1er d'Ent. B. 36: 211-246. Ref. 1952. 420 Eg9

77722 HENDERSON, C. F., HORD, L. G., and MILLET, E. R. Reduction in white-fringed beetle [Graphognathus peregrinus] injury by DDT treatments. J. Econ. Ent. 45:457-461. June 1952. 421 J822

77723 HOWDEN, H. F. A new name for Geotrupes (Peltotrupes) chalybaeus LeConte with a description of the larva and its biology (Scarabaeidae). Coleopterists' B. 6:41-48. June 1952. 421 C674
Geotrupes profundus n n.

77724 HOWE, R. W. The biology of the rice weevil, Calandra oryzae (L.). Ann. Appl. Biol. 39:168-180. June 1952. 442.8 An72

77725 JANSSON, A. Coleopterologische beiträge 43. Globicornis nigripes F. in Ostergötland. (In Swedish.) Opusc. Ent. 17:95-96. 1952. 421 Op7
German summary.

77726 JANY, E. Untersuchungen über das verhalten des speisebohnenkäfers (Acanthoscelides obtectus Say). Nachrbl. des Deut. Pflanzenschutzdienstes 4:12-13. Jan. 1952. 442.9 B832

77727 JEANNEL, R. Psélaphides de Saigon. Rev. Franc. d'Ent. 19:69-113. 1952. 421 R323
Includes new spp. in Octomicrus, Pyxidicerinus n.g., Aphilia, Pseudoplectus, Methorius, Eupinidius n.g., Bryaxis, Barbiera n.g., Nenemeca, Batriscenodes n.g., Batriscenites n.g., Physomerinus n.g., Arthromelus, Arnyllium, Curculionellus, Mestogaster, Enantius and Centrophthalmina; also new tribe Arnylliini.

77728 JUDD, W. W. The proventriculus of the diamond beetle, Entimus nobilis Oliv. (Coleoptera: Curculionidae). Canad. Ent. 84:181-184. Ref. June 1952. 421 C16

77729 KELLER, E. Die maikäferbekämpfungsaktion 1952 im Thurgau. Grüne 80:710-712. June 27, 1952. 17 Sch9
Melolontha melolontha.

77730 KERR, T. W., JR., and SHURTLEFF, M. C. Controlling plum curculio [Conotrachelus nenuphar]. Research [R. I. Sta.] 2:46-47. Spring 1952. 100 R34R

77731 KNOWLTON, G. F., and TAYLOR, G. P. Beetles-Coleoptera; records and notes, largely from Utah. Utah. Agr. Expt. Sta. Mimeog. Ser. 389,32 p. July 1952. 100 Ut1Mi

77732 KOCH, C. The Tenebrionidae of southern Africa. VIII. Materials for a monographic study on Eurychorini. Soc. Fouad 1er d'Ent. B. 36:1-125. Ref. 1952. 420 Eg9
Includes new genera Eurychorula, Steptochora, Symphochora, Serrichora, Cimiciopsis, Pogonocanta, Platyphanus, Falsaspila, Basilewskyum, Psaryphulum, Aspilomorpha, Phytolostoma, Stipsostoma and Cimicichora; also new species in Lycanthropa, Eurychora, Pogonobasis, Prunaspila, Smiliophanus and Acestophanus.

77733 KUENEN, D. J., and LEMS, H. G. The influence of food on the eggproduction of the pearblossom-weevil, Anthonomus cinctus Koll. (In Dutch.) Tijdschr. over Plantenziekten 58:80-84. May/June 1952. 464.8 T44
English summary.

77734 KULASH, W. M. Field and laboratory tests for controlling wireworms [Elateridae] in field corn. (Abs.) Assoc. South. Agr. Workers. Proc. 49:87-88. 1952. 4 C82

77735 KUSCHEL, G. Revision de Lissorhoptrus Leconte y generos vecinos de America (ap. 11 de Coleoptera Curculionidae). Rev. Chilena de Ent. 1:23-74. 1951. 421 R329
Includes new species and subgenus in Lissorhoptrus; also new genera Oryzophagus, Helodytes and Ilyodytes.

77736 KUSCHEL, G. La subfamilia Aterpinae en America (Ap. 12 de Coleoptera Curculionidae). Rev. Chilena de Ent. 1:205-245. 1951. 421 R329
Includes new species in Aegorhinus.

77737 LADEIRO, J. M. Os Pselafídeos Portugueses do Museu Zoológico da Universidade de Coimbra [Portuguese Pselaphidae of the Zoological Museum of the University of Coimbra]. Coimbra. U. Mus. Zool. Mem. e Estud. 206,8 p. Ref. 1951. 410.9 C66

77738 LENGERKEN, H. VON. Geringer nachwuchs—erhöhte brutpflege am beispiel des spanischen mondhornkäfers [Copris hispanus]. Umschau 52:273. May 1,1952. 474 Um7

77739 LEPESME, P. Coléoptères Cérambycides récoltés au Soudan par G. Remaudière. Soc. Ent. de France. B. 57:38-41. 1952. 420 F84B

77740 LEPESME, P., and BREUNING, S. Deux Lamiaires nouveaux de Côte d'Ivoire (Col. Cerambycidae). Soc. Ent. de France. B. 57:44-45. 1952. 420 F84B
In Monochamus and Acmocera.

77741 LIN, S., and RICHARDS, A. G. Studies on the nutritional value of soybean flour to Tribolium confusum Duv. N. Y. Ent. Soc. J. 60:107-118. Ref. June 1952. 420 N48J

77742 LINSLEY, E. G., and MACSWAIN, J. W. Notes on the biology and host relationships of some species of Nemognatha (Coleoptera: Meloidae). Wasmann J. Biol. 10:91-102. Ref. Spring 1952. 442.8 W28

77743 LUDWIG, D. and ROTHSTEIN, F. Changes in the distribution of nitrogen during the embryonic development of the Japanese beetle (Popillia japonica Newman). Physiol. Zool. 25:263-268. Ref. July 1952. 410 P56

77744 MCELROY, W. D., and COULOMBRE, J. The immobilization of adenosine triphosphate in the bioluminescent reaction. J. Cell. & Compar. Physiol. 39:475-485. June 1952. 444.8 J822
Experiments with dried lanterns of Photinus pyralis.

77745 MCKEOWN, K. C. Australian insects. XLV. Coleoptera, 22. — Telephoridae and Lycidae. Austral. Mus. Mag. 10:287-289. Mar.15,1952. 475 Au3

77746 MALKIN, B., and HATCH, M. H. A new Agonum from Oregon (Coleoptera: Carabidae). Pan-Pacific Ent. 28:107-108. Apr.1952. 421 P193

77747 MANSON, G. F., and BEGG, J. A. Wireworms and potatoes. Ontario Crop Impr. Assoc. Addresses & Proc. 15:148-153. 1952. 64.9 On83

77748 MARCUZZI, G. The species Perigona microftalma from Venezuela (Coleopt. Carabidae). (In Italian.) Soc. Ent. Ital. B. 81:62-64. Nov.30,1951. 420 It1

77749 MARTYSIUK, S. P. Use of benzene hexachloride during afforestation of areas infested with cockchafers [Melolontha] in the near-steppe forests of Ukraine. (In Russian.) Lesn. Khoz. 4(10):67-75. Oct. 1951. 99.8 L5622

77750 MATEU, J. Nouveaux Carabiques d'Espagne et des Iles Canaries. Rev. Franc. d'Ent. 19:32-39. 1952. 421 R323
Platyderus and new species in Dicrodontus.

77751 MELLINI, E. Insects on Carduus nutans L. I-II. (In Italian.) Bologna. U. Ist. di Ent. B. 18:272-292, 319-349. Ref. 1950/51,pub.1952. 420 B63
I, Lixus elongatus Goeze (Coleoptera Curculionidae); II, Rhinocyllus conicus Frölich and Larinus jaceae F. (Coleoptera Curculionidae).

77752 MENUSAN, H., JR. Flea beetle [Epitrix cucumeris] control on potatoes. Guide post 30(6):12. June 1952. 75.8 G94

77753 MERKER, E., and SATTLER, G. Biologische beobachtungen am fichtenbastkäfer, Hylastes cunicularius, sowie notizen über den Dryocoetes autographus. Allg. Forst- u. Jagdztg. 123:135-143. Ref. Apr.1,1952. 99.8 AL3

77754 MERRILL, L. G., JR. Reduction of wireworm damage to potatoes. J. Econ. Ent. 45:548-549. June 1952. 421 J822

77755 MINNESOTA. OFF. OF STATE ENTOMOLOGIST. Plum and apple curculios. Minn. Off. State Ent. C. 189,2 p. May 19,1952. 423.9 M66C

77756 MOISEEV, A. E. Beetle-Luperus [pravei] and protection of wheatgrass seed plants. (In Russian.) Selek. i Semen. 19(2):68-71. Feb.1952. 61.9 Se5

77757 MONROS, F. Nuevo genero [Mariamela] de Megascelinae de la Patagonia (Coleoptera Chrysomelidae). Rev. Chilena de Ent. 1:171-174. 1951. 421 R329

77758 MONROS, F. Ten new South American Babiini (Col. Chrysomelidae, Clytrinae). (In Portuguese.) Dusenia 3:118-130. Mar.31,1952. 410 D94
English summary.
In Dachrys, Babia and Urodera.

77759 MULLER, G. A new Magdalis for Italian fauna (Col., Curculionidae). (In Italian.) Soc. Ent. Ital. B. 81: 79-80. Dec.31,1951. 420 It1

77760 OKE, C. G. The Coleoptera of the Russell Grimwade Expedition. Natl. Mus. Victoria. Mem. 17:19-25. Mar.1951. 514 M484
New species in Xanthophoea [i.e. Xanthophaea?], Omolipus and Diphucephala; also Rhizobiellus n.n. for Rhizobius, Pascoellus n.n. for Pephricus and Leptopius n.n. for Leptops Schönh.

77761 PACLT, J. Sur la nocivite et la repartition geographique actuelle de Nathrius brevipennis (Muls.) Bosq (Insecta Col. Cerambycidae). Biol. Jaarb. 18:48-52. Ref. 1951. 410 B52

77762 PALM, T. Biologische beobachtungen über Pediacus depressus Hbst. (Col. Cucujidae.) (In Swedish.) Opusc. Ent. 17:85-89. 1952. 421 Op7
German summary.

77763 PALMQVIST, S. Einige beobachtungen über die fortpflanzungsbiologie von Melasis buprestoides (Col. Eucnemidae). (In Swedish.) Opusc. Ent. 17:71-75. 1952. 421 Op7
German summary.

77764 PATRIZI, S. Contribution to the knowledge of ants and myrmecophilus insects of East Africa. VII. Jeanneliusa giaquintoi n. sp. and a note on the genus Dorylocratus Wasm. (Coleoptera Staphylinidae). (In Italian.) Bologna. U. Inst. di Ent. B. 18:259-267. 1950/51, pub.1952. 420 B63

77765 PERRY, J. P., JR. Pine bark beetles of central Mexico. Unasylva 5:158-165. Oct./Dec.1951. 99.8 Un1

77766 PIC, M. Contribution à l'étude du peuplement de la Mauritanie Coléoptères divers. 2. Inst. Franç. d'Afrique Noire. B. 14:489-494. Apr.1952. 515 D14
Includes new species in Synallecula, Mecynotarsus, Endomia, and Lasioderma.

77767 PIC, M. Mission A. Villiers au Togo et au Dahomey (1950). XIV. Coléoptères, Chrysomélides. Inst. Franç. d'Afrique Noire. B. 14:495-512. Apr.1952. 515 D14
Includes new species in Hapsidolema, Peploptera, Clytra, Pagria, Colasposoma, Thysbina, Syagrus, Microsyagrus n.g., and Crioceris.

77768 QUENTIN, R. M. Deux Mastax nouveaux d'Asie (Col. Carabidae). Rev. Franc. d'Ent. 19:53-55. 1952. 421 R323

77769 QUEZEL, P., and VERDIER, P. Description d'une espéce nouvelle de Pseudolimnaeum des causses Cévenols [Col. Bembidiitae]. Rev. Franc. d'Ent. 19:39-41. 1952. 421 R323

77770 REISINGER, E., and SCHEDL, K. E. Maikäferbekämpfung mit chemischen mitteln in Kärnten. Pflanzenarzt 5(6):4-6. (Concl.) June 1,1952. 464.9 P482
Melolontha melolontha.

77771 RINGS, R. W. Experimental control of plum curculio [Conotrachelus nenuphar] on peaches. J. Econ. Ent. 45:436-444. June 1952. 421 J822

77772 RITCHER, P. O., and others. Control of rootworm [Diabrotica undecimpunctata howardi] affecting peanuts. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 88. 1952. 4 C82
W. M. Kulash, E. T. York, Jr., and W. E. Cooper, joint authors.

77773 ROSILLO, M. A., and ROJO, N. A. Un metodo de control del gusano minador del tabaco (Faustinus cubae) (Boh). Argentina. Dir. Gen. de Invest. Agr. IDIA 5(49):16-20. Jan.1952. 9 Id3

77774 RUDNEV, D. F. Chemical measures for controlling the acorn weevil. (In Russian.) Les i Step' 3(9):86-87. Sept.1951. 99.8 L565

77775 RUI, D. Infestations of Maybug in Venetia. (In Italian.) Informatore Agr. 8:96,105. May 8-22,1952. 281.8 In32
Melolontha.

77776 RUTER, G. Un Cétonide Crémastochilide nouveau du Sénégal (Col. Scarabaeidae). Soc. Ent. de France. B. 57:41-43. 1952. 420 F84B
Laurentiana n.g.

77777 SAALAS, U. Einiges über charakterarten der käferbestände an fichten von verschiedener beschaffenheit. Z. f. Angew. Ent. 33:12-18. Nov.1951. 421 Z36

77778 SCHEDL, K. E. Chilenische borkenkäfer. I. (Coleoptera Scolytoidea). Rev. Chilena de Ent. 1:15-22. 1951. 421 R329
Includes new spp. in Hylesinus, Xylechinus, Pityophthorus, Gnathotrichus and Bostrichips n.g.

77779 SCHEDL, K. E. Neotropical Scolytoidea V.-119. Contribution to the morphology and taxonomy of the Scolytoidea. Pan-Pacific Ent. 28:122-124. Apr.1952. 421 P193
Includes a new species in Plesiophthorus.

77780 SCHENK, P. J. The Colorado potato beetle [Leptinotarsa decemlineata]. (In Flemish.) Cult. en Handel 18:346. June 1952. 80 C892

77781 SCHINDLER, U. Ein- oder zweimalige spritzung gegen grossen braunen rüsselkäfer (Hylobius abietis L.)? Forst u. Holz 7:108-111. Apr.16,1952. 99.8 F7724

77782 SCHMIDT, H. Anobium punctatum De Geer. Holz als Roh- u. Werkst. 10:119-120. Mar.1952. 99.81 H74

77783 SCHMIDT, H. W. Der kornkäfer in der mühle (leben, schadbild und bekämpfung). Müllerei 5:366. June 7,1952. 298.8 M91
Sitophilus granarius.

77784 SCHRÖDER, G. Kampf dem housbock [Hylotrupus bajulus]! Deut. Wirtgeflügelzucht. 4:467-478. June 28,1952. 47.8 D483

77785 SERMET, A. Quelques Coleoptères nouveaux pour la faune suisse. (Abs.) Schweiz. Ent. Gesell. Mitt. 24:205. July 20,1951. 420 Sw6

77786 SIEGLER, E. H. Residual toxicity of some organic insecticides to Japanese beetles [Popillia japonica]. J. Econ. Ent. 45:449-451. June 1952. 421 J822

77787 SISLEY, C. The increase in infestations of the furniture beetle [Anobium punctatum]. Timber News 59: 428-429. Oct.1951. 99.81 T482

77788 SNAPP, O. I. Peach insect control experiments in 1951. (Abs.) Assoc. South. Agr. Workers. Proc. 49:84-85. 1952. 4 C82
Conotrachelus nenuphar.

77789 SOLARI, F. Two new Italian species of Hypurina (Col. Curc.). (In Italian.) Soc. Ent. Ital. B. 81:51-55. Nov.30,1951. 420 It1
In Oreorrhynchaeus and Hemiphytobius.

77790 STANLEY, W. W., and MARCOVITCH, S. Tests with soil insecticides to control pinhole injury on sweet potato. (Abs.) Assoc. South. Agr. Workers. Proc. 49:89. 1952. 4 C82
Caused by flea beetle larvae.

77791 STEHR, W. C. Anisotarsus maculicornis (Chd.) a valid name in North American Coleoptera, Carabidae. Ohio J. Sci. 52:219-220. July 1952. 410 Oh3

77792 STERTEN, A. K. Control of the Colorado potato beetle [Leptinotarsa decemlineata] on an agricultural meteorological basis. (In Norwegian.) Norsk Landbr. 18:209-210. June 6,1952. 11 N8122

77793 STOBWASSER, H., and WELTE, E. Erfahrungen bei der kartoffelkäferbekämpfung [Leptinotarsa decemlineata] mit heissgasnebelgeräten. Gesunde Pflanzen 4:84-86. Apr.1952. 464.8 G33

77794 TELFORD, H. S. New insect attacks sweet-clover plants. Wash. Farmer 77:576. July 17,1952. 6 R151
Sitona cylindricollis.

77795 TESAR, Z. Neue orientalische Trichius-arten (Col., Scarab.). Opusc. Ent. 17:59-61. 1952. 421 Op7

77796 THOMAS, I., and AITKENHEAD, P. Colorado beetle [Leptinotarsa decemlineata] in England, 1951. Gt. Brit. Min. Agr. Agriculture 59:129-133. June 1952. 10 G79J

77797 TUTTLE, D. M. Studies in the bionomics of Curculionidae. Urbana,1952. 5 p. 427 T88
Abstract of thesis (Ph. D.)- University of Illinois.
Food and host plants.

77798 VAN EMDEN, F. I. Description of the larva of Aegorrhinus phaleratus Er. (Coleoptera Curculionidae). Rev. Chilena de Ent. 1:245-248. 1951. 421 R329

77799 VAURIE, P. Revision of the genus Entimus with notes on other genera of Entimini (Coleoptera Curculionidae). Rev. Chilena de Ent. 1:147-170. Ref. 1951. 421 R329

77800 VILLIERS, A. Mission A. Villiers au Togo et au Dahomey (1950). XIII. Coléoptères, Lyctides et Bostrychides. Inst. Franç. d'Afrique Noire. B. 14:485-488. Apr.1952. 515 D14

77801 VITE. Auftreten des buchenprachtkäfers (Agrilus viridis L.) im Forstamt Wolfenbüttel. Forst u. Holz 7:80-81. Mar.16,1952. 99.8 F7724

77802 VOSS, E. Ueber einige Rhynchitinen der chilenischen fauna (Coleoptera Curculionidae) (116. Beitrag zur kenntnis der Curculioniden). Rev. Chilena de Ent. 1:175-185. 1951. 421 R329
Includes new species and subgenera in Rhynchitomacer and Minurus; also Eugnamptoplesius n.g.

77803 WAHLIN, B. The clover weevils [Apion] and their control. (In Swedish.) Svensk Jordbrforsk. 1951: 129-135. 11 J763

77804 WITTMER, W. Nuevos Cantharidae de la cordillera de los Andes (Coleoptera) (11. Contribución al conocimiento de los Malacodermata neotropicales). Rev. Chilena de Ent. 1:187-188. 1951. 421 R329
In Dysmorphocerus and Oontelus.

77805 ZACHER, F. Die nährpflanzen der samenkäfer [Bruchidae]. Z. f. Angew. Ent. 33:210-217. Nov.1951. 421 Z36

77806 ZAYAS, F. DE. Nuevos Crisomelidos de las subfamilias Cassidinae y Clytrinae. III. Contribución al conocimiento de los insectos de Cuba. Soc. Cubana de Hist. Nat. Felipe Poey. Mem. 21:71-75. Apr.28,1952. 410.9 So15
New species in Hemisphaerota, Stoiba and Cryptocephalus.

77807 ZEUMER, H. Zur frage der anwendung der DDT- und "hexa"-einstäubemittel gegen kornkäfer [Sitophilus granarius] in getreidebeständen. Nachrbl. des Deut. Pflanzenschutzdienstes 4:28-29. Feb.1952. 442.9 B832

77808 ZOCCHI, R. Contribution to the knowledge of forest insects. I. Cryptorrhynchus lapathi L. (Coleoptera, Curculionidae). (In Italian.) Bologna. U. Ist. di Ent. B. 18:245-258. 1950/51,pub.1952. 420 B63

DIPTERA

77809 ACKERMANN, E. Die mittelmeerfruchtfliege (Ceratitis capitata Wied.), ein gefährlicher schädling bei obstimporten. Obst u. Gemüse 4:561-563. June 12,1952. 286.83 Ob72
Germany.

77810 ALBUQUERQUE, D. On Hylemyioide Albuquerque, 1949, with descriptions of new species (Diptera, Muscidae, Anthomyiinae). (In Portuguese.) Rev. Bras. de Biol. 12:25-31. Apr.1952. 442.8 R326

77811 ALEXANDER, C. P. New or little-known Tipulidae from the Andes Mountains (Diptera). Rev. Chilena de Ent. 1:5-14. 1951. 421 R329
Includes new spp. in Tipula.

77812 AUERBACH, C. Problems in chemical mutagenesis. Cold Spring Harbor Symposia Quantit. Biol. 16: 199-213. Ref. 1951. 442.9 C672C
Chiefly discussion of Drosophila.

77813 AYARS, J. S., and PETTY, H. B. Here's an easy way to control horseflies [Tabanidae]. Successful Farming 50(7):92,94. July 1952. 6 Su12

77814 BACHMANN, M. Fliegen und mücken am fenster. Orion 7:299-302. Apr.1952. 474 Or4

77815 BAL, D. V., and AHMED, F. Two dipteran ectoparasites from a bat. (Abs.) Indian Sci. Cong. Proc. 36(3):158. 1949. 513 In22
Eucampsipoda hyrtli and Nycteribosca gigantea.

77816 BAYREUTHER, K. Extrachromosomale feulgenpositive körper (nukleinkörper) in der oogenese der Tipuliden. Naturwissenschaften 39:71. Feb.1,1952. 474 N213

77817 BEERMANN, W. Chromosomenstruktur und zelldifferenzierung in der speicheldrüse von Trichocladius vitripennis. Z. f. Natforsch. 7b:237-242. Apr.1952. 474 Z3

77818 BEFFA, G. DELLA. Improvement of Piedmont fruit culture; control of fruit worms. (In Italian.) Cron. Econ. 112:13-14. Apr.1952. 280.8 C882
Contarinia pyrivora and Hoplocampa brevis.

77819 BELLE, G. Comment lutter efficacement à la ferme contre les mouches? Chambre d'Agr. de Casablanca. B. 23(249):9-11. Jan.1952. 24 C26

77820 BEQUAERT, J. Carnus hemapterus Nitzsch on a screech owl in Arizona (Diptera). Psyche 58:157. Dec. 1951. 421 P95

77821 BOETTIGER, E. G., and FURSHPAN, E. The mechanics of flight movements in Diptera. Biol. B. 102: 200-211. Ref. June 1952. 442.8 B52

77822 BORG, A. Tipulidae larvae threaten the marshlands. (In Swedish.) Lantmannen 36:407-408. May 24, 1952. 11 L234

77823 BOUVIER, G. À propos de l'accouplement de Tabanus sudeticus Zeller. (Abstr.) Schweiz. Ent. Gesell. Mitt. 24:203-204. July 20,1951. 420 Sw6

77824 BURGESS, R. W. Equipment and methods used in early Hippelates investigations. (Abs.) Assoc. South. Agr. Workers. Proc. 49:86. 1952. 4 C82

77825 CALIFORNIA. LEGISLATURE. JOINT COMMITTEE ON AGRICULTURE AND LIVESTOCK PROBLEMS. Special report on current status of the oriental fruit fly [Dacus dorsalis] in the Hawaiian Islands. Sacramento,1951. 61 p. 428 C125

77826 COHEN, M. Contarinia chrysanthemi Kieffer—a new gall midge pest of Shasta daisy [Chrysanthemum maximum]. Plant Pathol. 1:51-53. June 1952. 464.8 P692

77827 COLLIN, J. E. Two new names in the Dolichopodidae (Diptera). Entomologist 85:142. June 1952. 421 En8
Cyrturella, n.n. for Cyrtura Parent (not Jaeckel) and Medeterus inspissatus, n.g. for Medeterus incrassatus of the British list (not Frey).

77828 COLYER, C. N. Notes on the life-histories of the British species of Phalacrotophora Enderlein (Dipt., Phoridae). Ent. Mon. Mag. 88:135-139. Ref. Jume 1952. 421 En86

77829 CORDEIRO, A. R. Experiments on the effects in heterozygous condition of second chromosomes from natural populations of Drosophila willistoni. Natl. Acad. Sci. Proc. 38:471-478. Ref. June 15,1952. 500 N21P

77830 CORDEIRO, A. R. Inheritance of variations in the male genitalia in Drosophila paulistorum. Amer. Nat. 86:185-188. Ref. May/June 1952. 470 Am36

77831 CORTES, R. Nuevos generos de Tachininae chilenos con cerdas facio-orbitales (Diptera Tachinidae). Rev. Chilena de Ent. 1:249-262. 1951. 421 R329
Includes new genera Acroceronia and Ruiziella; new species in Epalpodes and Vibrissomyia.

77832 COSTANTINO, G. La lutte contre la mouche des fruits (Cératitis capitata Wied). Fruits et Primeurs de l'Afrique du Nord 22:201-204. May 1952. 80 F9482

77833 CUARENTENA interior num. 9 contra la mosca prieta [Aleurocanthus woglumi] de los citrus. Fitófilo 6(4):22-34. Jan./Feb. 1952. 421 F55
Mexico

77834 DALMAT, H. T. Descriptions of two new species of Simulium (Diptera, Simuliidae) from Guatemala. Ent. Soc. Amer. Ann. 45:339-347. June 1952. 420 En82

77835 D'ASSIS-FONSECA, E. C. M. Leopoldius signatus Wied. (Conopidae) near Bristol (Glos.). Ent. Rec. & J. Variation 64:186-187. June 1952. 421 En89

77836 DELONG, D. M., and BOUSH, G. M. Controlling flies in the super market. Super Mkt. Merchandising 17(7):122-123. July 1952. 389.8 Su7

77837 DELONG, D. M., and BOUSH, G. M. Is the housefly being replaced by other Diptera as the major insect pest of food markets? Ohio J. Sci. 52:217-218. July 1952. 410 Oh3
Phormia regina and Phaenicia sericata.

77838 DOBZHANSKY, T. Genetics of natural populations. XX. Changes induced by drought in Drosophila pseudoobscura and Drosophila persimilis. Evolution 6: 234-243. Ref. June 1952. 443.8 Ev62

77839 DU PONT CO. PUBLIC RELATIONS DEPT. Fly control on the dairy farm. Guernsey Breeders' J. [Peterborough] 85:683,691-694. July 1,1952. 43.8 G93

77840 DUPUIS, C. Contributions XIII et XIV a l'étude des Phasiinæ cimicophages (Diptères Larvævoridæ). Ann. de Parasitol. Humaine et Compar. 27:329-338. Ref. 1952. 436.8 An7

77841 FAIRCHILD, G. B. Notes on Bruchomyia and Nemopalpus (Diptera, Psychodidae). Ent. Soc. Amer. Ann. 45:259-280. June 1952. 420 En82
Includes new species in Nemopalpus.

77842 FIEDLER, O. G. H. Die nahrung der myiasisfliegenlarven auf dem wollschaf. Z. f. Angew. Ent. 33: 142-150. Nov.1951. 421 Z36

77843 GERSDORFF, W. A., and MITLIN, N. Relative toxicity to house flies of scabrin and its mixtures with some pyrethrum synergists. J. Econ. Ent. 45:519-523. June 1952. 421 J822

77844 GOETGHEBUER, M. Chironomini (Diptera) communs a la region palearctique et a la region nearctique. Biol. Jaarb. 18:77-81. 1951. 410 B52

77845 GREGOIRE, C., and others. L'hypodermose bovine an Belgique. Ann. de Méd. Vét. 96:51-140. Ref. Mar.1952. 41.8 An78
H. Koch, A. Deberdt, and J. P. Latteur, joint authors.

77846 GRIFFITH, B. T. A study of antibiosis between wind-borne molds and insect larvae from wind-borne eggs. J. Allergy 23:375-382. July 1952. 448.8 J8236
Drosophila melanogaster.

77847 HARDY, D. E. A monographic study of the African Bibionidae (Diptera). III. Genus Plecia. Kans. Ent. Soc. J. 25:81-91. July 1952. 420 K13
Includes new species.

77848 HARRISON, R. A. New Zealand Drosophilidae (Diptera) I. Introduction and descriptions of domestic species of the genus Drosophila Fallén. Roy. Soc. New Zeal. Trans. & Proc. 79:505-517. Mar.1952. 514 W46

77849 HARRISON, R. A. A peculiar wing structure of Hydrellia tritici Coq. (Diptera: Ephydridae). Roy. Soc. New Zeal. Trans. & Proc. 79:338-339. Ref. Mar.1952. 514 W46

77850 HAWKES, H. A. The ecology of Anisopus fenestralis Scop. (Diptera) in sewage bacteria beds. Ann. Appl. Biol. 39:181-192. Ref. June 1952. 442.8 An72

77851 HEILWEIL, I. J., HEILWEIL, H. G., and VAN WINKLE, Q. Electron microscopy of chromosomes in smears. Science 116(3001):12-14. July 4,1952. 470 Sci 2
Drosophila melanogaster.

77852 HOWE, W. L., SCHROEDER, W. T., and SWENSON, K. G. Seed treatment for control of seed-corn maggot [Hylemya cilicrura] and seed decay organisms. N. Y. (State) Agr. Expt. Sta. B. 752,34 p. Mar.1952. 100 N48

77853 HSU, W. S. The history of the cytoplasmic elements during vitellogenesis in Drosophila melanogaster. Q. J. Micros. Sci. 93:191-206. Ref. June 1952. 440.8 Q2

77854 HUTTEL, W., and HUTTEL, N. A propos de Leptoconops inopinatus, n. sp. de la région de Montpellier. Soc. Ent. de France. B. 57:45-47. 1952. 420 F84B

77855 ISSENDORFF, J. V. Operative vernichtung von raupenfliegen-eiern. Z. f. Lepidopterologie 2:35-36. Mar.1,1952. 421 Z3
In butterfly rearing.

77856 JOHNSTON, C. J. R. The seedling maggot. Victoria. Dept. Agr. J. 50:182. Apr.1952. 23 V66J
Hylemya cilicrura.

77857 KAMM, L. Neue untersuchungen zur dasselbekämpfung. Anz. f. Schädlingsk. 25:81-84. June 1952. 421 An9

77858 KESSEL, E. L. New host records for Trichobius corynorhini (Diptera: Streblidae). Wasmann J. Biol. 10:7-8. Spring 1952. 442.8 W28

77859 KHALAF, K. T. The Culicoides of the Wichita Refuge, Oklahoma. Taxonomy and seasonal incidence (Diptera, Heleidae). Ent. Soc. Amer. Ann. 45:348-358. June 1952. 420 En82
Includes new species.

77860 KOTTHOFF, P. Die raps-minierfliege Phytomyza rufipes mg. Gesunde Pflanzen 4:101-102. Apr. 1952. 464.8 G33

77861 KURNICK, N. B., and HERSKOWITZ, I. H. The estimation of polyteny in Drosophila salivary gland nuclei based on determination of desoxyribonucleic acid content. J. Cell. & Compar. Physiol. 39:281-299. Ref. Apr.1952. 444.8 J822

77862 LANE, J. Some new Brazilian Mycetophilidae (Diptera, Nematocera). Dusenia 3:131-140. Mar.31,1952. 410 D94
Includes new species in Rhipidita, Allocotocera, Neuratelia, Monoclona and Leiella.

77863 LATHROP, F. H. Fighting the blueberry fruit fly [Rhagoletis pomonella] in Maine. Maine. Agr. Expt. Sta. B. 500,34 p. Ref. May 1952. 100 M28S

77864 LEVINE, R. P. Adaptive responses of some third chromosome types of Drosophila pseudoobscura. Evolution 6:216-233. Ref. June 1952. 443.8 Ev62

77865 LEWALLEN, L. L. Laboratory studies of the false stable fly [Muscina stabulans]. J. Econ. Ent. 45: 515-517. Ref. June 1952. 421 J822

77866 LEWIS, E. B. Pseudoallelism and gene evolution. Cold Spring Harbor Symposia Quantit. Biol. 16:159-174. Ref. 1951. 442.9 C672C
Drosophila melanogaster.
Includes discussion.

77867 L'HERITIER, P. The CO_2 sensitivity problem in Drosophila. Cold Spring Harbor Symposia Quantit. Biol. 16:99-112. Ref. 1951. 442.9 C672C
Includes discussion.

77868 LOPES, H. DE S. On the genus Lepidodexia Brauer & Bergestamm, 1891 (Diptera, Sarcophagidae). (In Portuguese.) Inst. Oswaldo Cruz. Mem. 49:641-658. Ref. Mar.1951. 448.9 In74

77869 LUNDQVIST, A. Blattminennotizen. II. Opusc. Ent. 17:49-50. 1952. 421 Op7
New species in Phytomyza.

77870 MCMAHON, J. Phoretic association between Simuliidæ and crabs. Nature [London] 169:1018. June 14, 1952. 472 N21

77871 MALOGOLOWKIN, C. On the genitalia of the Drosophilidae (Diptera). III. The group willistoni of the genus Drosophila. (In Portuguese.) Rev. Bras. de Biol. 12:79-96. Ref. Apr.1952. 442.8 R326

77872 MAY, A. W. S. New genera and species of Dacinae (Trypetidae, Diptera) from Queensland. Queensland J. Agr. Sci. 8:5-13. Mar.1951. 23 Q37
New genera Neozeugodacus and Diplodacus; new species in Strumeta and Afrodacus.

77873 MITCHELL, W. C., and SHERMAN, M. Chemical control of a leaf miner (Liriomyza hawaiiensis Frick and the tomato fruitworm (Heliothis armigera Hubner) on tomatoes. Hawaii. Agr. Expt. Sta. Prog. Notes 75,6 p. Apr.1952. 100 H313P

77874 MYERS, K. Oviposition and mating behaviour of the Queensland fruit-fly (Dacus (Strumeta) tryoni (Frogg.)) and the Solanum fruit-fly (Dacus (Strumeta) cacuminatus (Hering)). Austral. J. Sci. Res. Ser. B, Biol. Sci. 5:264-281. Ref. May 1952. 442.8 Au72

77875 NIBLETT, M. Notes on some Diptera of Bookham Common, 1951. London Nat. 31:47-49. 1951,pub. June 1952. 420 L843

77876 NIJVELDT, W. Gallmidges [Itonididae] on culturecrops. I. Gallmidges on fruitcrops. (In Dutch.) Tijdschr. over Plantenziekten 58:61-80. Ref. May/June 1952. 464.8 T44
English summary.

77877 ORTEGA, J. C. The husk fly [Rhagoletus completa] problem. Diamond Walnut News 34(4):16-17. July 1952. 94.68 D34

77878 OUGHTON, J. A progress report on turnip maggot [Hylemya floralis] studies. Ontario Crop Impr. Assoc. Addresses & Proc. 15:188-189. 1952. 64.9 On83

77879 PARMENTER, L. Birds and flies. London Nat. 31:3-9. 1951,pub.June 1952. 420 L843

77880 PARMENTER, L. The flies of the London area. I. Conopidae. London Nat. 31:25-29. 1951,pub.June 1952. 420 L843

77881 PERIS, S. V. Notas sobre Rhiniini con descripcion de nuevas formas. Spain. Cons. Super. de Invest. Cient. Estac. Expt. de Aula Dei. An. 2:224-233. 1952. 506 Sp132
English summary.
Includes new species in Rhinia, Sumatria, Cosmina, and Thelychaeta.

77882 PETERSON, D. G. Thermal-generated aerosols for control of biting flies in Canada. Sci. Agr. 32: 289-298. Ref. June 1952. 7 Sci2

77883 PHILIP, C. B. The Linnean and Degeerian species of American Tabanidae (Diptera).. Ent. Soc. Amer. Ann. 45:310-314. June 1952. 420 En82

77884 PLAUT, N. Spraying in the vulus system for controlling the olive fly [Dacus oleae]. (In Hebrew.) Hassadeh 32:295-297. Mar.1952. 26 H27

77885 PROUT, T. Selection against heterozygotes for autosomal lethals in natural populations of Drosophila willistoni. Natl. Acad. Sci. Proc. 38:478-481. Ref. June 15,1952. 500 N21P

77886 RADELEFF, R. D., BUSHLAND, R. C., and HOPKINS, D. E. Phosphorus-32 labeling of the screwworm fly [Callitroga americana]. J. Econ. Ent. 45:509-514. June 1952. 421 J822

77887 RICHARDS, O. W. New species of Sphaeroceridae (Diptera) found with driver ants (Dorylinae) by S. Patrizi and F. Meneghetti. Bologna. U. Ist. di Ent. B. 18:14-23. 1950/51,pub.1952. 420 B63
In Safaria n.g., Acuminiseta and Anommonia.

77888 RICHARDS, O. W. New species of the genus "Safaria" Richards and of "Sphaerocera" Latreille (Dipt., Sphaeroceridae). Bologna. U. Ist. di Ent. B. 18: 268-271. 1950/51,pub.1952. 420 B63

77889 RICHARDSON, H. H. Ethylene dibromide fumigation of mangoes and almendras infested with Anastrepha fruit flies. J. Econ. Ent. 45:541-543. June 1952. 421 J822

77890 RINGDAHL, O. Notes on Diptera. X. (In Swedish.) Opusc. Ent. 17:64. 1952. 421 Op7

77891 ROTH, A. R., LINDQUIST, A. W., and MOTE, D. C. Incidence and habits of Tabanidae at Summer Lake, Oregon. J. Econ. Ent. 45:527-531. June 1952. 421 J822

77892 ROUBAUD, E. Les mouches à la ferme. Dépêche Com. et Agr., June 19,1952:2-3. 280.38 D44

77893 RYDEN, N. Zur kenntnis der schwedischen minierer. XV. Agromyziden von Gotland. Opusc. Ent. 17:25-32. 1952. 421 Op7

77894 SABROSKY, C. W. Additions to the history of Meigen 1800 (Diptera). Ent. Soc. Wash. Proc. 54:144-145. June 1952. 420 W27

77895 SABROSKY, C. W. The importance of associating reared adults with their immature stages. U. S. Bur. Ent. & Plant Quar. ET-300,2 p. Apr.1952. 1.9 En83Et
Identification of Diptera larvae.

77896 SABROSKY, C. W. A new species of Ogcodes from the Juan Fernandez Islands (Diptera Acroceridea). Rev. Chilena de Ent. 1:189-190. 1951. 421 R329

77897 SALASCHEK, H. Die erste kirschfruchtfliegen [Rhagoletis cerasi] grossbekämpfung mit regenfesten nebelbelägen und ihre auswirkung auf die moderne pflanzenschutz-geräteentwicklung. Nachrbl. des Deut. Pflanzenschutzdienstes 4:38-39. Mar.1952. 442.9 B832

77898 SCHMITZ, H. Zur kenntnis von "Metopina oligoneura" Mik, 1867 (Phoridae, Diptera). Rev. Bras. de Biol. 12:17-22. Apr.1952. 442.8 R326

77899 SCHNEIDER, F. Einige physiologische beziehungen zwischen syrphidenlarven und ihren parasiten. Z. f. Angew. Ent. 33:150-162. Nov.1951. 421 Z36

77900 SCHOOF, H. F., MAIL, G. A., and SIVERLY, R. E. Fly production media in metropolitan areas. (Abs.) Assoc. South. Agr. Workers. Proc. 49:86-87. 1952. 4 C82

77901 SCHULTZ, J., and REDFIELD, H. Interchromosomal effects on crossing over in Drosophila. Cold Spring Harbor Symposia Quantit. Biol. 16:175-197. Ref. 1951. 442.9 C672C
Includes discussion.

77902 SHAW, F. R. Some notes on synonomy of the Mycetophilidae (Diptera). Psyche 58:148. Dec.1951. 421 P95
Neoempheria and Exechia.

77903 SIEGRIST, H. Ist die möhrenfliegenbekämpfung mit chlordanpräparaten bedenkenlos? (Abs.) Schweiz. Ent. Gesell. Mitt. 24:204. July 20,1951. 420 Sw6
Psila rosae.

77904 SPANN, J. Die natürlichen feinde der rinderdasselfliegen, ihrer larven und puppen. Allgäuer Bauernbl. 20:279-280. May 29,1952. 18 AL53
Hypoderma bovis.

77905 SPIESS, E. B., KETCHEL, M., and KINNE, B. P. Physiological properties of gene arrangement carriers in Drosophila persimilis. I. Egg-laying capacity and longevity of adults. Evolution 6:208-215. Ref. June 1952. 443.8 Ev62

77906 STEINER, L. F., and HINMAN, F. G. Field tests of insecticides for control of oriental fruit fly [Dacus dorsalis]. J. Econ. Ent. 45:388-395. June 1952. 421 J822

77907 STEYSKAL, G. C. Notes and records of Phytalmiidae. II. (Diptera: Acalyptratae). Wasmann J. Biol. 10:87-90. Spring 1952. 442.8 W28
A new species in Angitula.

77908 TARSHIS, I. B. Equipment and methods for the collection of hippoboscid flies from trapped California Valley quail, Lophortyx californica vallicola (Ridgway), (Diptera). Brooklyn Ent. Soc. B. 47:69-78. June 1952. 420 B79

77909 TOKUNAGA, C. Genetic studies on Aphiochaeta sp. III-IV. (In Japanese.) Jap. J. Genet. 26:31-40, 119-128. Apr.-Aug.1951. 442.9 J27

77910 U. S. BUR. OF ANIMAL INDUSTRY. Control sheep keds [Melophagus ovinus]. More meat for defense. Washington,1952. 2 p. 1.972 A2C76

77911 VAILLANT, F. Quelques Empididae nouveaux pour l'Algérie [Diptera]. Rev. Franc. d'Ent. 19:64-67. 1952. 421 R323

77912 VARGAS, L. Consideraciones sobre una campaña contra la oncocerciasis. Medicina 32:189-191. Apr.25,1952. 448.8 M4693
Includes Simulium as vector.

77913 WIESMANN, R., and KOCHER, C. Untersuchungen über ein neues, gegen resistente Musca domestica L. wirksames insektizid. Z. f. Angew. Ent. 33:297-321. Ref. Nov.1951. 421 Z36
Pyrolan.

77914 WOGLUM, R. S., SMITH, H. S., and CLAUSEN, C. P. The citrus blackfly [Aleurocanthus woglumi] in northwest Mexico. Calif. Citrog. 37:356. July 1952. 80 C125

77915 YATES, W. W., LINDQUIST, A. W., and BUTTS, J. S. Further studies of dispersion of flies tagged with radioactive phosphoric acid. J. Econ. Ent. 45:547-548. June 1952. 421 J822

Culicidae

77916 ALAMEDA CO., CALIF. MOSQUITO ABATEMENT DISTRICT. Mosquitoes are unnecessary. Oakland,Calif.,1951? 6 p. 428 AL1M

77917 ARDO, P. Notes on Swedish culicids. II. (In Swedish.) Opusc. Ent. 17:81-84. 1952. 421 Op7
English summary.
New geographical record.

77918 BELKIN, J. N. The homology of the chaetotaxy of immature mosquitoes and a revised nomenclature for the chaetotaxy of the pupa (Diptera, Culicidae). Ent. Soc. Wash. Proc. 54:115-130. Ref. June 1952. 420 W27

77919 DAWSON, L. S. New methods of malaria control. Planter 28:155-159. Apr.1952. 78.8 P69
Mosquito control in Malaya.

77920 EYLES, D. E. Studies on Plasmodium gallinaceum. IV. A comparison of the susceptibility of Aedes aegypti, Anopheles quadrimaculatus and Anopheles freeborni. Amer. J. Hyg. 56:71-77. July 1952. 449.8 Am3

77921 FRITZ, R. F. Mosquito control activities of the Communicable Disease Center. (Abs.) Assoc. South. Agr. Workers. Proc. 49:87. 1952. 4 C82

77922 GHELELOVITCH, S. Sur le déterminisme génétique de la stérilité dans les croisements entre différentes souches de Culex autogenicus Roubaud. Acad. des Sci. Compt. Rend. 234:2386-2388. June 9,1952. 505 P21

77923 GRIFFITH, M. E. Additional species of mosquitoes in Oklahoma. Mosquito News 12:10-14. Ref. Mar.1952. 421 M85

77924 HOCKING, B. Autolysis of flight muscles in a mosquito. Nature [London] 169:1101. June 28,1952. 472 N21

77925 KITZMILLER, J. B. Inbred strains of Culex mosquitoes. Science 116:66-67. July 18,1952. 470 Sci2

77926 RYCKMAN, R. E., and ARAKAWA, K. Y. Additional collections of mosquitoes from wood rats' nests (Diptera: Culcidae). Pan-Pacific Ent. 28:105-106. Apr. 1952. 421 P193

77927 RYCKMAN, R. E., and ARAKAWA, K. Y. Notes on the ecology of Culiseta maccrackenae in San Bernardino and Riverside counties, California (Diptera: Culcidae). Pan-Pacific Ent. 28:104-105. Apr.1952. 421 P193

77928 SIMONETTI, A. A study on the possibility of crossing between Culex pipiens L. and Culex autogenicus R. (In Italian.) Riv. di Biol. (n.s.)44:117-135. Ref. Jan./Mar.1952. 442.8 R52
English summary.

HEMIPTERA (HETEROPTERA AND HOMOPTERA)

77929 AHMED, D. D., and others. Tests for control of meadow spittlebugs [Philaenus leucophthalmus] in Ohio. J. Econ. Ent. 45:417-420. Ref. June 1952. 421 J822
B. A. App, R. T. Everly, and R. H. Davidson, joint authors.

77930 ANDER, K. Notice of finds of Hemiptera and Diptera. (In Swedish.) Opusc. Ent. 17:70. 1952. 421 Op7
German summary.

77931 ARMITAGE, H. M. Controlling curly top virus in agricultural crops by reducing populations of overwintering beet leafhoppers [Circulifer tenellus]. J. Econ. Ent. 45:432-435. June 1952. 421 J822

77932 ARMITAGE, H. M., and MCKENZIE, H. L. Present status of the olive pollinia scale, Pollinia pollini (Costa), in California (Homoptera; Coccoidea; Asterolecaniidae). Calif. Dept. Agr. B. 41:115-121. Apr./June 1952. 2 C12M

77933 BEAMER, R. H. One old and five new species of delphacine fulgorids (Homoptera: Fulgoridae). Kans. Ent. Soc. J. 25:111-115. July 1952. 420 K13
In Sogata, Pissonotus and Delphacodes.

77934 CARMIN, J. Two new species of Pauropsylla (Psyllidae, Rhynchota). Independ. Biol. Lab. B. 9(2),3 p. Nov.1951. 442.9 T23

77935 CARVALHO, J. C. M. A new species of "Biliola" Carvalho from Madagascar (Hemiptera, Isometopidae). Rev. Bras. de Biol. 12:23-24. Apr.1952. 442.? R326

77936 CHANG, S. C. The speed of toxic action on the pea aphid [Macrosiphum pisi] of several insecticides. J. Econ. Ent. 45:370-372. June 1952. 421 J822

77937 COOK, P. P., JR. A study of the membracid genus Centrodontus (Homoptera). Kans. Ent. Soc. J. 25: 92-103. July 1952. 420 K13

77938 CUMBER, R. A. A new species of Erythroneura (Typhlocybinae, Hem.-Hom.) from Arundo conspicua Forst. (Toetoe). Roy. Soc. New Zeal. Trans. & Proc. 79:525-527. Mar.1952. 514 W46

77939 DALMASSO, G. The antiphylloxera congress in Mendoza. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.) 98:177-180. May 1952. 16 C72

77940 DENNIS, C. J. Genitalia of the Membracidae of Wisconsin. Canad. Ent. 84:157-173. June 1952. 421 C16

77941 DICKER, G. H. L. The biology of the strawberry aphid, Pentatrichopus fragaefolii (Cock.), with special reference to the winged form. J. Hort. Sci. 27:151-178. Ref. July 1952. 80 J825

77942 DRAKE, C. J. Alaskan Saldidae (Hemiptera). Ent. Soc. Wash. Proc. 54:145-148. June 1952. 420 W27
Includes new species on Saldula.

77943 DRAKE, C. J., and HOTTES, F. C. Distributional and synonymical data and descriptions of two new Hydrometra (Hemiptera: Hydrometridae). Kans. Ent. Soc. J. 25:106-110. July 1952. 420 K13

77944 EMPSON, D. W. Survey of cabbage aphid [Brevicoryne brassicae] populations on brussels sprouts, 1946-51. Plant Pathol. 1:35-38. June 1952. 464.8 P692

77945 ESSIG, E. O. The aloe aphid, Aloephagus myersi Essig (Homoptera). Pan-Pacific Ent. 28:117-118. Apr.1952. 421 P193

77946 FISCHETTI, D. L. 1er. congreso regional antifiloxerico. Chacra 22(259):10. June 1952. 9 C34

77947 GERMANY (FEDERAL REPUBLIC, 1949-) MINISTERIUM FÜR ERNÄHRUNG, LANDWIRTSCHAFT UND FORSTEN. Referat pflanzenschutz. Die San-José-Schildlaus [Aspidiotus perniciosus]. Frankfurt,Kommentator,1951. 24 p. 431.6 G31

77948 GOURLAY, E. S. A new species of Phthirocoris from New Zealand (Hemiptera, Heteroptera, family Henicocephalidae). Roy. Soc. New Zeal. Trans. & Proc. 79:363-365. Mar.1952. 514 W46

77949 GREGSON, J. D. and KOHLS, G. M. The male of Ixodes soricis Gregson (Acarina: Ixodidae). Canad. Ent. 84:185-188. June 1952. 421 C16

77950 GRENSTED, L. W. Some consequences of considering the gender of Eurydema Lap. (Hem., Pentatomidae). Ent. Mon. Mag. 88:141-142. June 1952. 421 En86

77951 GUTHRIE, F. E. The effect of humidity and other factors on the upper thermal death points of the chinch bug, Blissus leucopterus (Say). Urbana,1952. 2 p. 431 G98

77952 HEINZE, K. Polyvinylalkohol-lactophenolgemisch als einbettungsmittel für blattläuse. Naturwissenschaften 39:285-286. June 15,1952. 474 N213

77953 HENNER, J., and SCHREIER, O. Untersuchungen über das auftreten von blattläusen an kartoffeln in Osterreich in den jahren 1950 — 1951 im zusammenhang mit virösem kartoffelabbau. Pflanzenschutzberichte 8:150-159. Ref. June 1952. 464.9 P48
English summary.

77954 HEROLD, E. Honigtau und honigläuse. Imkerfreund 6:231-232,303-306. (Cont.) July,Sept.1951. 424.8 Im43

77955 HOOD, J. D. A membracid and its milkers (Hemiptera). Ent. Soc. Wash. Proc. 54:140-142. June 1952. 420 W27

77956 JUDENKO, E., JOHNSON, C. G., and TAYLOR, L. R. The effect of Aphis fabae Scop. on the growth and yield of field beans in a garden plot. Plant Pathol. 1:60-63. June 1952. 464.8 P692

77957 KASSANIS, B. Some factors affecting the transmission of leaf-roll virus by aphids. Ann. Appl. Biol. 39:157-167. Ref. June 1952. 442.8 An72
Tests with Myzus persicae on Datura tatula.

77958 KEMPER, H., and HABENICHT, G. Erfahrungen mit der kommunal gelenkten wanzenbekämpfung in Berlin. Z. f. Angew. Ent. 33:282-296. Nov.1951. 421 Z36
Cimex lectularius.

77959 KHALIFA, A. A contribution to the study of reproduction in the bed-bug (Cimex lectularius L.). (Hemiptera-Heteroptera). Soc. Fouad 1er d'Ent. B. 36: 311-336. Ref. 1952. 420 Eg9

77960 KLOFT, W. Schädigen honigtau erzeugende kienläuse (Lachniden) ihre wirtspflanzen? Imkerfreund 6:188-189. June 1951. 424.8 Im43

77961 KNIGHT, H. H. Review of the genus Perillus with description of a new species (Hemiptera, Pentatomidae). Ent. Soc. Amer. Ann. 45:229-232. June 1952. 420 En82

77962 KORMILEV, N. A. Notes on neotropical Aradidae, with description of one new species (Hemiptera). Pan-Pacific Ent. 28:119-122. Apr.1952. 421 P193
In Miorrhynchus.

77963 LAMBERS, D. H. R. New aphids from Sweden. Opusc. Ent. 17:51-58. 1952. 421 Op7
Includes new species in Hyperomyzus, Aulacorthum, Thripsaphis and Iziphya.

77964 LENT, H., and WYGODZINSKY, P. Contribution to the knowledge of Zelurus fulvomaculatus (Berg, 1879) and seven other related species (Reduviidae, Hemiptera.) (In Portuguese.) Inst. Oswaldo Cruz. Mem. 49:575-594. Mar.1951. 448.9 In74

77965 LESTON, D. Notes on the Hemiptera-Heteroptera of Bookham Common. London Nat. 31:49-62. Ref. 1951,pub.June 1952. 420 I 843

77966 LESTON, D. Observations on the recent capture of Nezara viridula (L.) (Hem., Pentatomidae) in Britain. Ent. Mon. Mag. 88:143. June 1952. 421 En86

77967 LIMA, A. DA C., SEABRA, C. A. C., and HATHAWAY, C. R. Study of Apiomerus (Hemiptera, Reduviidae). (In Portuguese). Inst. Oswaldo Cruz. Mem. 49:273-442. Mar.1951. 448.9 In74
Includes new species.

77968 MAHDIHASSAN, S. The role of symbiosis in the genus Coriococcus, Coccidae. Z. f. Angew. Ent. 33: 108-110. Nov.1951. 421 Z36

77969 MANNA, G. K. A study of the chromosomes during meiosis in forty-three species of Indian Heteroptera. Zool. Soc. Bengal. Proc. 4:1-116. Ref. Mar./Sept. 1951. 410.9 Z73

77970 MENDE, P. F. Experiment in chemical control of Eurygaster integriceps [grain pest] in its wintering places. (In Russian.) Lesn. Khoz. 4(9):84-86. Sept. 1951. 99.8 L5622

77971 MILLER, N. C. E. New Reduviidae in the collection of the British Museum (N.H.). VIII. Ann. & Mag. Nat. Hist. (ser.12)5:539-552. June 1952. 410 An77
New genera Bagaudella, Belemnocoris, Pakesia, Tasmanocoris, Antiopuloides and Neopirates; new species in Argolis and Ectomocoris.

77972 MOERICKE, V. Farben als landereize für geflügelte blattläuse (Aphidoidea). Z. f. Natforsch. 7b: 304-309. May 1952. 474 Z3

77973 OSSIANNILSSON, F. Tetralicia ericae new for the Swedish fauna (Hem. Hom.) (In Swedish.) Opusc. Ent. 17:80. 1952. 421 Op7
English summary.

77974 PELLEGRINO, J., and BRENER, Z. On a mutation observed in Psammolestes coreodes Bergroth, 1911 (Hemiptera, Reduviidae). (In Portuguese.) Inst. Oswaldo Cruz. Mem. 49:565-566. Mar.1951. 448.9 In74

77975 PHILIPP, W. Zur blausäurebegasung der obstbäume. Nachrbl. des Deut. Pflanzenschutzdienstes 4: Ref. Jan.1952. 442.9 B832
Against Aspidiotus perniciosus.

77976 POOS, F. W. The potato leafhopper [Empoasca fabae] a pest of alfalfa in the Eastern States. U. S. D. A. L. 229,rev.,4 p. Apr.1952. 1 Ag84L

77977 PRIMROSE, C. An experiment against green bug [Toxoptera graminum]. Indian Coffee Mon. B. 16:44-52. Mar.1952. 68.29 In23M

77978 QADRI, M. A. H. On the anatomy of the mouthparts and the mode of feeding in the aquatic bugs (Cryptocerata). Zool. Soc. Bengal. Proc. 4:117-135. Ref. Mar./Sept.1951. 410.9 Z73

77979 RIHERD, P. T., and CHADA, H. L. Some scale insects attacking grasses in Texas. Tex. Agr. Expt. Sta. Prog. Rpt. 1461,5 p. May 10,1952. 100 T31P

77980 ROUSSY, L. Coccides à miellat. Gaz. Apic. 53:35,38. Feb.1952. 424.8 G25

77981 RUCKES, H. Two new species of Thyanta Stål (Pentatomidae, Heteroptera). Brooklyn Ent. Soc. B. 47: 65-68. June 1952. 420 B79

77982 RUEGGER, R. La cochenille lecanide. J. Suisse d'Apicult. 48:228-229. Aug.1951. 424.9 So1
Lecanium arion.

77983 RUPPEL, R. F., and DELONG, D. M. Studies of the genus Kunzeana. II. Eight new species of Mexican Kunzeana. Ohio J. Sci. 52:224-228. July 1952. 410 Oh3

77984 SCHMUTTERER, H. Zur lebensweise der nadelholz-Diaspidinen (Homoptera, Coccoidea, Diaspididae, Diaspidinae) und ihrer parasiten in den nadelwäldern Frankens. Z. f. Angew. Ent. 33:111-136. Ref. Nov.1951. 421 Z36

77985 SCHREIBER, G., and PELLEGRINO, J. Cytologic and caryometric analysis of the action of colchicine on the spermatogenesis in Hemiptera. (In Portuguese.) Inst. Oswaldo Cruz. Mem. 49:513-542. Ref. Mar.1951. 448.9 In 74
English summary.
Experiments with Triatoma infestans.

77986 SLATER, J. A. A contribution to the biology of the subfamily Cyminae (Heteroptera: Lygaeidae). Ent. Soc. Amer. Ann. 45:315-326. Ref. June 1952. 420 En82

77987 STROYAN, H. L. G. The identification of aphids of economic importance. Plant Pathol. 1:42-48. (Cont.) June 1952. 464.8 P692

77988 TURNIPSEED, G. F., and SMITH, C. F. Life history and control of scales on apples. (Abs.) Assoc. South. Agr. Workers. Proc. 49:85. 1952. 4 C82

77989 VERDIER, P., HUTTEL, W., and HUTTEL, N. Sur quelques Reduviides du Gabon. Rev. Franc. d'Ent. 19: 126-127. 1952. 421 R323
New species in Santosia.

77990 WAGNER, E. Die artberechtigung von Coriomeris alpinus Horv. (Hem. Het. Coreid.) Schweiz. Ent. Gesell. Mitt. 24:183-189. July 20,1951. 420 Sw6

77991 WAGNER, E. Zur systematik von Psallus variabilis Fall. (Hem. Het. Miridae). Opusc. Ent. 17:90-94. 1952. 421 Op7

77992 WAGNER, E. Zwei neue mediterrane Dichroocytus-arten (Hem. Het. Miridae). Wien. Ent. Gesell. Z. 36:23-26. Apr.15,1951. 421 Os7

77993 WEINZIERL, R. San José-schildlaus [Aspidiotus perniciosus] noch immer erbfeind unseres obstbaues. Landwirtschaft 11/14:195. June/July 1952. 19 L235

77994 WOLCOTT, G. N. Migrating aphids. Science 116(3002):43-44. July 11,1952. 470 Sci2

77995 WYGODZINSKY, P. Contribucion al conocimiento del genero Metapterus Costa, 1860, de las Americas y de Juan Fernandez (Hemiptera Reduviidae). Rev. Chilena de Ent. 1:113-128. 1951. 421 R329
Includes new species.

77996 YUST, H. R., and SHELDEN, F. F. A study of the physiology of resistance to hydrocyanic acid in the California red scale [Aonidiella aurantii]. Ent. Soc. Amer. Ann. 45:220-228. Ref. June 1952. 420 En82

77997 ZWEIGELT, F. San-José-schildlaus [Aspidiotus perniciosus] im weinbau. Z. f. Angew. Ent. 33:137-141. Nov.1951. 421 Z36

HYMENOPTERA

77998 ALLMAN, S. L. Summary of evidence submitted at Sirex Wasp Committee of Inquiry. Austral. Timber J. 18:20,22. Feb.1952. 99.81 Au7

77999 ARNAUD, P. H. Swarming of Blacus sp. in California (Hymenoptera: Braconidae). Ent. News [Philadelphia] 63:149-150. June 1952. 421 En88

78000 AVIDOV, Z., and SVIRSKY, A. The control of the prune sawfly in 1951. (In Hebrew.) Hassadeh 32: 255-257. (Concl.) Feb.1952. 26 H27

78001 BEAUMONT, J. DE. Les espèces européennes du genre Philanthus (Hym. Sphecid.). Schweiz. Ent. Gesell. Mitt. 24:299-315. Oct.15,1951. 420 Sw6

78002 BEAUMONT, J. DE. Sphecidae de l'Institut d'Entomologie de l'Université de Bologne. I. Nyssoninae. Bologna. U. Ist. di Ent. B. 18:305-318. 1950/51,pub.1952. 420 B63

78003 BEAUMONT, J. DE. Synonymie de quelques espèces de Sphecidae (Hym.) 3. Schweiz. Ent. Gesell. Mitt. 24:316. Oct.15,1951. 420 Sw6

78004 BEAUMONT, J. DE. Synonymies de quelques Cerceris. 2. (Hym. Sphecid.) Schweiz. Ent. Gesell. Mitt. 24:175-180. July 20,1951. 420 Sw6

78005 BENNETT, H., PEARMAN, R. W., and RAYMOND, W. D. Trigona wax from Tanganyika. Colon. Plant & Anim. Prod. 2:196-201. 1951. 472 C71

78006 BLUNCK, H. Zur kenntnis der hyperparasiten von Pieris brassicae L. 4. Gelis cf. transfuga Först. Z. f. Angew. Ent. 33:217-267. Ref. Nov.1951. 421 Z36

78007 BLUTHGEN, P. Die Euodynerus - arten des Balkans. (Hym. Vespidae Eumeninae). Soc. Ent. Ital. B. 81:66-76. Dec.31,1951. 420 It1
Includes new subgenera.

78008 BLUTHGEN, P. Uber vier von A. G. Dahlbom beschriebene und einige andere wegwespen. (Hym. Pompilidae). Opusc. Ent. 17:11-16. Ref. 1952. 421 Op7

78009 BROOKES, J. D. Evidence given before the Sirex Wasp Committee. Austral. Timber J. 18:26,28,30, 33-34,80. Feb.1952. 99.81 Au7

78010 BROWN, W. L. JR., and CHENG, F. Y. Psilobethylus in the New World (Hymenoptera: Bethylidae). Psyche 58:141-148. Dec.1951. 421 P95
Includes new species.

78011 CONSANI, M. Ants of East Africa. (In Italian.) Bologna. U. Ist. di Ent. B. 18:167-172. 1950/51,pub.1952. 420 B63
Includes new species in Sysphincta and Cerapachys.

78012 COOPER, K. W. Records and flower preferences of masarid wasps. II. Polytropy or oligotrophy in Pseudomasaris? (Hymenoptera: Vespidae). Amer. Midland Nat. 48:103-110. July 1952. 410 M58

78013 CURRIE, P. W. E. The sawflies of the Cripplegate bombed sites. London Nat. 31:89-91. 1951,pub.June 1952. 420 L843

78014 DIEDERICHS, H. Lehmwespen [Odynerus reniformis]-ganz kurz belichtet. Kosmos 48:166-169. Apr. 1952. 474 K842

78015 DREISBACH, R. R. Key to the American genera of the subfamily Cryptocheilinae (Hymenoptera: Psammocharidae) males and females. N. Y. Ent. Soc. J. 60:119-125. June 1952. 420 N48J

78016 FAVARD, P. Les fourmis nuisibles et leurs rapports avec les pucerons et cochenilles. Prog. Agr. et Vitic. 137:358-362. June 29,1952. 14 P94

78017 FISHER, R. C. A note on sirex wood-wasps. Timber News 59:332-333. Aug.1951. 99.81 T482

78018 GAUL, A. T. Additions to vespine biology. IX. Temperature regulation in the colony. Brooklyn Ent. Soc. B. 47:79-82. June 1952. 420 B79

78019 GOSSWALD, K. Anlage einer station zur massenzucht von königinnen der kleinen roten waldameise. Z. f. Angew. Ent. 33:77-104. Ref. Nov.1951. 421 Z36
Formica rufa.

78020 GÖSSWALD, K. Über die ökologische bereinigung von schädlingsplagen im walde mit hilfe der roten waldameise. Naturwissenschaften 39:97-99. Ref. Mar.1, 1952. 474 N213

78021 GOYTIA, A. Un nuevo producto para exterminar las hormigas. Chacra 22(259):59. June 1952. 9 C34
Dieldrin.

78022 GREGG, R. E. A new ant of the genus Pheidole from Colorado. Amer. Mus. Novitates 1557,4 p. May 5, 1952. 500 N483N

78023 GRUNDMANN, A. W. A new Brachymyrmex from northern Utah (Hymenoptera: Formicidae). Kans. Ent. Soc. J. 25:117. July 1952. 420 K13

78024 GYORFI, J. Die schlupfwespen und der unterwuchs des waldes. Z. f. Angew. Ent. 33:32-47. Ref. Nov.1951. 421 Z36
Ichneumonidae.

78025 HEROLD, E. Verkannte freunde. Imkerfreund 6:379-382. Nov.1951. 424.8 Im43
Formica rufa.

78026 HUSSEY, N. W. New records of Megastigmus (Hymenoptera Chalcididæ) in Scotland with a note on the first recorded parasites of Megastigmus spermotrophus Wachtl. Scot. Forestry 6:53-55. Apr.1952. 99.8 Sco3

78027 INVREA, F. New or noteworthy Mutillidae from the Mediterranean Basin. II. (In Italian.) Soc. Ent. Ital. B. 81:34-43. July 1951. 420 It1
New species in Smicromyrme.

78028 JANSSON, A. Studien über schwedische Chalcididen. 2. Aus minierenden kleinfliegen und kleinschmetterlingen geschlüpfte arten. (In Swedish.) Opusc. Ent. 17:1-10. 1952. 421 Op7
German summary.

78029 KUSNEZOV, N. La posición sistemática de la subfamilia Cerapachyinae (Hymenoptera, Formicidae). Dusenia 3:115-117. Mar.31,1952. 410 D94

78030 KUTTER, H. Epimyrma stumperi Kutter (Hym. Formicid.) 2. Schweiz. Ent. Gesell. Mitt. 24:153-174. July 20,1951. 420 Sw6

78031 LECLERCQ, J. Foxita patei nov. sp., Crabronien nouveau du Mexique (Hym. Sphecid.) Schweiz. Ent. Gesell. Mitt. 24:190. July 20,1951. 420 Sw6

78032 LINDGREN, H. Bumblebees [Bombidae] and leaf-cutting bees [Megachilidae]. (In Swedish.) Bitidningen 51:139-141. June 1952. 424.8 B54

78033 MICHENER, C. D. A note on the larvae of sphecid wasps. Kans. Ent. Soc. J. 25:115-116. Ref. July 1952. 420 K13

78034 MIDDLEKAUFF, W. W. Notes on two species of California stem borers (Hymenoptera, Cephidae). Pan-Pacific Ent. 28:108-109. Apr.1952. 421 P193
Caenocephus aldrichi and Janus rufiventris.

78035 OLBERG, G. Über die lebensweise des bienenwolfes. Hess. Biene 87:273-275. Mar.1952. 424.8 B476
Philanthus.

78036 O'ROURKE, F. J. A preliminary ecological classification of ant communities in Ireland. Ent. Gaz. 3: 69-72. Apr.1952. 421 En834

78037 RAYMENT, T. A critical revision of species in the genus Asaropoda by new characters. Natl. Mus. Victoria. Mem. 17:65-80. Mar.1951. 514 M484

78038 RICHARDS, O. W. Hymenoptera Aculeata collected in Anglesea. Ent. Mon. Mag. 88:142. June 1952. 421 En86

78039 RISBEC, J. Les Microgasteridae d'A. O. F. Inst. Franç. d'Afrique Noire. B. 14:701. Apr.1952. 515 D14
Nomenclature of Apanteles.

78040 RIVERO, J. M. DEL. Las hormigas como enemigos de los cítricos y su destrucción con los modernos insecticidas. Siembra [Madrid] 8(4):30-33. Apr.1952. 15 Si1
Spain.

78041 ROZEN, J. G. JR. Collecting brachycistidine females (Hymenoptera: Tiphiidae). Pan-Pacific Ent. 28: 91-92. Apr.1952. 421 P193

78042 SANT'ANNA, B. Control of Atta with methyl bromate. (In Portuguese.) Rev. de Agr. [Piracicaba] 27: 139-140. Mar./Apr.1952. 9.2 R324

78043 SCHEERPELTZ, O. Ameisen. Leipzig,Geest & Portig,1951. 31 p. 426 Sch2

78044 SCHENK, P. J. The beewolf [Philanthus triangulus]. (In Flemish.) Cult. en Handel 18:349-350. June 1952. 80 C892

78045 SCHUSTER, R. M. Notes on North American Mutillidae. II. Some new species of the genus Photomorphus. Brooklyn Ent. Soc. B. 47:57-64. June 1952. 420 B79

78046 SMITH, M. R. North American Leptothorax of the tricarinatus-texanus complex (Hymenoptera; Formicidae). N. Y. Ent. Soc. J. 60:96-106. June 1952. 420 N48J

78047 STUMPER, R. Teleutomyrmex schneideri Kutter (Hym. Formicid.) Schweiz. Ent. Gesell. Mitt. 24: 129-152. July 20,1951. 420 Sw6

78048 THALENHORST, W. Zur kenntnis der fichtenblattwespen. I. Die Nematinen des südharzes. Z. f. Pflanzenkrank. (Pflanzenpath.) u. Pflanzenschutz 59:110-115. 1952. 464.8 Z3
English summary.

78049 VALENTINI, S. Sur l'adaptation des larves de Formicoidea. Ann. des Sci. Nat. Zool. et Biol. Anim. (ser.11)13:249-276. Ref. 1951,pub.Mar.1952. 410 An7

78050 WALLACE, G. E. Formica sanginea subintegra Emery raiding its own subspecies. Ent. News [Philadelphia] 63:152-153. June 1952. 421 En88

78051 WALRECHT, J. J. R. The building instinct of the social wasps. VII. (In Dutch.) Levende Nat. 55:116-120. June 1952. 410 L57
Vespa media and V. saxonica.

78052 WANTZEN. DDT und hexa gegen kiefernschonungs-gespinstblattwespe [Acantholyda erythrocephala L.]. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 874-875. June 5,1952. 18 L2346

78053 WELD, L. H. New American cynipid wasps from galls. U. S. Natl. Mus. Proc. 102:315-342. 1952. 500 Sm65P
Includes new species in Synophromorpha, Diplolepis, Neuroterus, Trichoteras, Liodora, Amphibolips, Andricus, Antron, Zopheroteras, Eumayria, Dryocosmus and Callirhytis.

78054 WHEELER, G. C., and WHEELER, J. The ant larvae of the subfamily Ponerinae. I. Amer. Midland Nat. 48:111-144. July 1952. 410 M58

78055 , YASUMATSU, K. The occurrence of the orussid genus Ophrynella Ross in New Guinea (Hymenoptera: Orussidae). Wasmann J. Biol. 10:75-79. Spring 1952. 442.8 W28
Includes a new species.

See also Apiculture and Apis mellifera.

LEPIDOPTERA

78056 ALBERTI, B. Neue deutsche fundorte von Malacosoma franconica Esp. (Lep. Lasiocampidae). Ent. Z. 62:17-20. May 1,1952. 421 En85

78057 ALBERTI, B. Das variationsbild der Pyrgus alpina Ersch.—gruppe. (Hesperiidae). Z. f. Lepidopterologie 2:77-87. Mar.1,1952. 421 Z3

78058 AMSEL, H. G. Neue kleinschmetterlinge aus Syrien. Soc. Fouad 1er d'Ent. B. 36:127-134. 1952. 420 Eg9
Includes new species in Heterographis, Bostra and Rhipidoura n.g.

78059 ANDERSEN, K. T. Temperatur und feuchtigkeit als faktoren der lebensdauer überwinternder larven des zünslers Pyrausta nubilalis Hübn. und thigmotaxis, phototaxis und hygrophilie als ökologische faktoren. Z. f. Angew. Ent. 33:162-168. Nov.1951. 421 Z36

78060 ANDERSON, L. D., REYNOLDS, H. T., and SWIFT, J. E. Desert area vegetable growers combat 'wooly bear' caterpillar [Estigmene acrea]. West. Grower & Shipper 23(8):34-36. July 1952. 280.38 W52

78061 ATKINS, E. L., JR. Fruit tree leaf roller [Archips argyrospila]. This year's infestation indicates need for next year's spring treatment against fast-spreading citrus pest. Calif. Agr. [Calif. Sta.] 6(6):5,15. June 1952. 100 C12Cag

78062 BAILLOD, M. La fausse teigne. J. Suisse d'Apicult. 49:151-153. May 1952. 424.9 So1
Galleria mellonella.

78063 BARROS V., S. Dos casos de melanismo en ropaloceros chilenos. Rev. Chilena de Ent. 1:281. 1951. 421 R329

78064 BENANDER, P. Elf für Schweden neue kleinschmetterlinge (Lep.) Opusc. Ent. 17:63-64. 1952. 421 Op7

78065 BENDER, E. Kann die überwachung der eiablage des apfelwicklers Carpocapsa (Cydia) pomonella L. die flugkontrolle ersetzen? Anz. f. Schadlingsk. 25:68-72. Ref. May 1952. 421 An9

78066 BERIO, E. Interesting captures of Lepidoptera in Italy (Noctuidae). (In Italian.) Soc. Ent. Ital. B. 81:83-85. Dec.31,1951. 420 It1

78067 BEVILACQUA, I. Two years of research on the control of Cydia (i. e. Carpocapsa) pomonella. (In Italian.) Riv. della Ortoflorofrutticolt. Ital. 36:130-134. May/June 1952. 86 R22

78068 BICKERSTAFF, F. Odd notes on Sussex Lepidoptera, 1950-1951. Ent. Gaz. 3:75-76. Apr.1952. 421 En834

78069 BIRCHLER, A. Schmetterlings-fauna der Linthebene. 3. Ergebnisse 1946-1951. Schweiz. Ent. Gesell. Mitt. 24:197-199. July 20,1951. 420 Sw6

78070 BISSELL, T. L. Armyworms [Cirphus unipuncta] and cutworms on corn in Maryland. Canning Trade 75:10. July 21,1952. 286.83 T67

78071 BLAIR, K. G. Lithophane (Graptolitha) lapidea Huebner in Britain. Entomologist 85:123-124. June 1952. 421 En8

78072 BOURGOGNE, J. and LESSE, H. DE. Un Rhopalocère de plus à inscrire au Catalogue des Lépidoptères de France: Euphydryas ichnea Bdv. (=intermedia Mén.) (Nymphalidae). Rev. Franc.de Lépidoptérologie 13:143-152. Nov./Dec.1951. 421 P192

78073 BOURSIN, C. Beiträge zur kenntnis der Agrotidae-Trifinae. XLIX. Z. f. Lepidopterologie 2:49-69. Mar.1,1952. 421 Z3

78074 BOURSIN, C. A new Maltese subspecies of Leucania putrescens Hübner. (Contribution to the study of the "Agrotidae-Trifinae," LIII.). Entomologist 85:132-135. June 1952. 421 En8

78075 BOURSIN, C. Eine seit 175 jahren verkannte europäische Derthisa-art. (Beiträge zur kenntnis der Agotidae-Trifinae, XLVII). Wien. Ent. Gesell. Z. 36:44-51. June 30,1951. 421 Os7

78076 BRETSCHNEIDER, H. Neue Geometriden-formen in Sachsen. Wien. Ent. Gesell. Z. 36:21-22. Apr.15, 1951. 421 Os7

78077 BROOKS, C. J. A new subspecies of Ragadia (Lep. Satyridae). Entomologist 85:167. July 1952. 421 En8

78078 BROWN, E. Control of western peach tree borer [Sanninoideaexitiosa grafei] in northeastern Oregon. Oreg. Agr. Expt. Sta. B. 513,18 p. Apr.1952. 100 Or3

78079 BUCKMANN, D. Die umfärbung von schmetterlingsrauper vor der verpuppung (untersuchungen an Cerura vinula). Naturwissenschaften 39:213-214. May 1, 1952. 474 N213

78080 BURMANN, K. Aus dem leben eines hochalpinen kleinfalters, Plutella geniatella Z. (Plutellidae). Z. f. Lepidopterologie 2:73-75. Mar.1,1952. 421 Z3

78081 BURMANN, K. Ein kleiner beitrag zur kenntnis der verbreitung von Exapate duratella Heyd. Wien. Ent. Gesell. Z. 36:9-11. Apr.15,1951. 421 Os7

78082 BURMANN, K. Neue formen von Larentia scripturata Hb. ssp. dolomitana Habich aus Nordtirol (Lepidoptera, Geometridae). Wien. Ent. Gesell. Z. 36:60-61. June 30,1951. 421 Os7

78083 BURNS, A. N. Notes on Australian Rhopalocera with descriptions of new subspecies and life histories. Natl. Mus. Victoria. Mem. 17:83-104. Mar. 1951. 514 M484

78084 BURRAU, N. Ein für die schwedische fauna neuer zünsler, Pyrausta turbidalis Tr. (In Swedish). Opusc. Ent. 17:61. 1952. 421 Op7
German summary.

78085 BUTENANDT, A., and ALBRECHT, W. Bestimmungen des tryptophangehaltes verschiedener rassen der mehlmotte Ephestia kühniella als beitrag zur analyse der genwirkungen. Z. f. Natforsch. 7b:287-290. May 1952. 474 Z3

78086 CHALMERS-HUNT, J. M. Chilo cicatricellus Hübner confirmed as British. Ent. Rec. & J. Variation 64:160-161. June 1952. 421 En89

78087 CHALMERS-HUNT, J. M. and OWEN, D. F. The history and status of Pararge aegeria (Lep. Satyridae) in Kent. Entomologist 85:145-154. Ref. July 1952. 421 En8

78088 CLARKE, J. F. G. Host relationships of moths of the genera Depressaria and Agonopterix, with descriptions of new species. Smithsn. Inst. Misc. Collect. 117 (7),20 p. Apr.23,1952. 500 Sm6M

78089 CLARKE, J. F. G. A new heliodinid from Illinois (Lepidoptera, Heliodinidae). Ent. Soc. Wash. Proc. 54:138-139. June 1952. 420 W27

78090 CLEU, H. Supplément au peuplement en Lépidoptères du bassin supérieur de la Durance. Rev. Franc.de Lépidoptérologie 13:153-160. Nov./Dec.1951. 421 P192

78091 COCKAYNE, E. A. Aberrations of Lysandra coridon Poda and L. bellargus Rott. What are the causation factors? Ent. Rec. & J. Variation 64:157-160. June 1952. 421 En89

78092 COCKAYNE, E. A. Colias calida Verity: the correct name for the butterfly lately added to the British list. Ent. Rec. & J. Variation 64:166-168. June 1952. 421 En89

78093 COCKAYNE, E. A. The larva of Hesperia comma Linn. Ent. Rec. & J. Variation 64:182-183. June 1952. 421 En89

78094 DANNREUTHER, T. Migration records, 1951. Entomologist 85:125-131. (Cont.) June 1952. 421 En8
Lepidoptera.

78095 DUPREE, M., and BECKHAM, C. M. Insecticides for control of pickleworm [Diaphania nitidalis]. (Abs.) Assoc. South. Agr. Workers. Proc. 49:84. 1952. 4 C82

78096 EASTERLING, C. E. Pupation period of Smerinthus ocellata. Entomologist 85:124. June 1952. 421 En8

78097 FICKEWIRTH, E. Beitrag zur bekämpfung des maiszünslers Pyrausta nubilalis Hb. Anz. f. Schädlingsk. 25:84-86. Ref. June 1952. 421 An9

78098 FIELD, W. D. Moths of the genus Epeiromulona, a new genus of Lepidoptera. U. S. Natl. Mus. Proc. 102:455-469. 1952. 500 Sm65P

78099 FOLTIN, H. Biologische beobachtungen aus Oberösterreich. Wien. Ent. Gesell. Z. 36:12-16. Apr.15, 1951. 421 Os7
Lepidoptera.

78100 FOLTIN , H. Etwas über die biologie von Lasiocampa quercus L. Wien. Ent. Gesell. Z. 36:52-54. June 30,1951. 421 Os7

78101 FORD, R. L. E. Varieties of the holly blue, Lycaenopsis argiolus L. with five figures. Ent. Gaz. 3: 53-55. Apr.1952. 421 En834

78102 FORSSLUND, K. H. Leucoptera sinuella. (In Swedish.) Skogen [Stockholm] 39:67*. June 15,1952. 99.8 Sk51

78103 FORSTER, W. Die Riodiniden der ausbeuten Dr. Hönes aus China. Wien. Ent. Gesell. Z. 36:62-66. June 30,1951. 421 Os7

78104 FORSTER, W., and WOHLFAHRT, T. A. Die schmetterlinge mitteleuropas. Stuttgart, Franckh, 1952. Lfg.1. 430 F77
Vol. I, p.1-32; Vol. II, p.1-32 and plates.

78105 FRIEDEMANN, H. Uber die lebensweise von Mamestra tincta Brahm und M. advena F. Ent. Z. 62:20-21. (Concl.) May 1,1952. 421 En85

78106 FURR, R. E., and CALHOUN, S. L., Toxicity of organic insecticides to the fall armyworm [Laphygma frugiperda]. (Abs.) Assoc. South. Agr. Workers. Proc. 49:83. 1952. 4 C82

78107 GALVAGNI, E., and ORTNER, A. Uber die schmetterlingsfauna der Schmidawiesen bei Neu-Aigen sowie des Tullnerfeldes überhaupt (Zone 15 des Prodromus). Wien. Ent. Gesell. Z. 36:27-29,70-74. (Cont.) Apr.15-June 30,1951. 421 Os7

78108 GENTILUCCI, T. Cacoecia rosana L. in Emilia. (In Italian.) Bologna. U. Ist. di Ent. B. 18:197-204. Ref. 1950/51,pub.1952. 420 B63

78109 GORTER, A. J. Contribution to the knowledge of the butterflies of the Stichtse hill district. (In Dutch.) Ent. Ber. 14:65-66. May 1,1952. 420 N38B

78110 GRABE, A. Capua reticulana Hb. (Tortricidae) an ausländischen pflanzen. Z. f. Lepidopterologie 2:44. Mar.1,1952. 421 Z3

78111 GRABE, A. Platytes alpinellus Hb. (Pyralidae). Z. f. Lepidopterologie 2:24. Mar.1,1952. 421 Z3

78112 GROSCHKE, F. Nonnenbekämpfung mit neuzeitlichen mitteln. Z. f. Angew. Ent. 33:359-368. Nov. 1951. 421 Z36

Lymantria monacha.

78113 GROSS, J. Wiederauffindung der Tephronia cremiaria Frr. (Geometridae, Boarmiinae) bei Hannover—nebst einem historischen rückblick. Z. f. Lepidopterologie 2:45-47. Ref. Mar.1,1952. 421 Z3

78114 GREMMINGER, A. Sammelfahrten zum Kaiserstuhl. Z. f. Lepidopterologie 2:69-72. Mar.1,1952. 421 Z3

78115 GUNDER, M. Der totenkopf [Acherontia atropos] ein seltener honigräuber. Imkerfreund 6:191. June 1951. 424.8 Im43

78116 HADLEY, B. L., JR. The spring canker-worm [Paleacrita vernata] defoliator of forest, orchard, and shade trees. Pa. Forests & Waters 4:32,48. Mar./Apr. 1952. 99.8 P38

78117 HALLEMANS, A. Worms in apples and pears; notes on the control of the fruit moth, Carpocapsa pomonella and of the sinuate pear tree borer [Agrilus sinuatus Oliv.]. (In Flemish.) Cult. en Handel 18:336. June 1952. 80 C892

78118 HAMMOND, H. E. A list of previously unrecorded foodplants of lepidopterous larvae, with additional notes on preferences, etc. Ent. Gaz. 3:59-68. Apr.1952. 421 En834

78119 HARTLEY, J. C. Is Leucania pallens L. double brooded in Britain? Ent. Rec. & J. Variation 64:180. June 1952. 421 En89

78120 HARTZELL, A. Two insect pests of lilies. No. Amer. Lily Soc. Lily Ybk. 5:128. 1952. 96.46 N81

Argyrotaenia velutinana and Polia subjuncta.

78121 HOLIK, O. Zur kenntnis der verbreitung von Chelis maculosa Gern. (Arctiidae). Z. f. Lepidopterologie 2:36. Mar.1,1952. 421 Z3

78122 HORHAMMER, C. Ein neuer melanismus. Ent. Z. 62:37-38. June 1,1952. 421 En85

In Lepidoptera.

78123 HOUTMAN, G. Two leaf miners, injurious to the apple leaf, Nepticula malella Hb. and Phytomyza heringiana Hendel. (In Dutch.) Ent. Ber. 14:67-70. May 1,1952. 420 N38B

78124 HUGGINS, H. C. Notes on Microlepidoptera. Ent. Rec. & J. Variation 64:177-178. June 1952. 421 En 89

78125 HUTCHINGS, S. S. Snout moth [Pyralidae] damage to shadscale [Atriplex canescens] in southern Idaho. Natl. Wool Grower 42(7):24-25,38. July 1952. 45.8 N21N

78126 HYDE, G. E. A pocket-book of British moths. London,1951. 160 p. (Black's Nature Pocket-books) 430 H99P

78127 JENKINS, C. F. H., and FORTE, P. N. The webworm (Talis pedionoma Mayr.)? West. Austral. Dept. Agr. J. (ser.3)1:187-189,191-193. Mar./Apr.1952. 23 W52J

78128 JONES, J. R. J. L. An annotated check list of the Macrolepidoptera of British Columbia. Ent. Soc. Brit. Columbia. Occas. Paper 1,148 p. June 14,1951. 420 En83O

78129 KAZANSKII, A. N. The birch measuring worm moth [Geometridae]. (In Russian.) Les i Step' 3(9):88. Sept.1951. 99.8 L565

78130 KIRIAKOFF, S. G. Recherches sur les organes tympaniques des Lepidopteres en rapport avec la classification. VII. Lithosiidae. Biol. Jaarb. 18:53-76. 1951. 410 B52

78131 KLIMESCH, J. New species of Nepticula from Romagna (Lep., Nepticulidae). (In Italian.) Soc. Ent. Ital. B. 81:61-62. Nov.30,1951. 420 It1

78132 KLIMESCH, J. Uber Microlepidopteren des Traunsteingebietes in Oberösterreich. Wien. Ent. Gesell. Z. 36:101-117. Aug.1,1951. 421 Os7

78133 KLIMESCH, J. Zur kenntnis der genitalmorphologie einiger Nepticula-arten (Lep., Nepticulidae). Wien. Ent. Gesell. Z. 36:4-9. Apr.15,1951. 421 Os7

78134 KLINESCH, J. Nepticula (Levarchama) ortneri spec. nov. (Lept., Nepticulidae). Wien. Ent. Gesell. Z. 36:66-70. June 30,1951. 421 Os7

78135 KLOSTERMEYER, E. C. Control of red-backed cutworm [Euxoa ochragaster] with toxaphane and methoxychlor dusts. J. Econ. Ent. 45:539. June 1952. 421 J822

78136 KNIGHT, F. B. Insect damage to loblolly pine [Pinus taeda] cones. Va. Forests 7(1):14-15. Jan./Feb. 1952. 99.8 V81

Laspeyresia toreuta and Dioryctria amatella.

78137 KOONE, H. D. Maturity of corn and life history of the Angoumois grain moth. Kans. Ent. Soc. J. 25:103-105. July 1952. 420 K13

78138 KROON, D. B., VEERKAMP, T. A., and LOEVEN, W. A. X-ray analysis of the process of extension of the wing of the butterfly. Nederland. Akad. van Wetensch. Proc. Ser. C, Biol. & Med. Sci. 55:209-214. Mar./Apr.1952. 442.9 Am8

78139 KRUMINS, R. Die borstenentwicklung bei der wachsmotte Galleria mellonella L. Biol. Zentbl. 71:183-210. Ref. 1952. 442.8 B523

78140 LATTIN, G. DE. Studien über die gattung Crambus F. I. Uber Cr. myellus Hb. und die ihm nächst verwandten arten. Wien. Ent. Gesell. Z. 36:89-101. Aug. 1,1951. 421 Os7

78141 LESSE, H. DE. Contribution à l'étude du genre Erebia. 6. Rev. Franc. de Lèpidoptérologie 13:130-137. Ref. Nov./Dec.1951. 421 P192

78142 LIMA, A. DA C. On the male of Eriopyga lamptera (Lepidoptera, Noctuidae, Hadeninae). (In Portuguese.) Inst. Oswaldo Cruz. Mem. 49:595-597. Mar.1951. 448.9 In74

78143 LIMA, A. DA C. Sac-shaped butterfly cocoon. (In Portuguese.) Chacaras e Quintais 85:745-746. June 15,1952. 9.2 C34

78144 LIPPMANN-PAWLOWSKI, M. Mein kleines schmetterlingsbuch. Frankfurt a. Main,Umschau,1951? 43 p. 430 L66

78145 LIPSCOMB, C. G. Familiar butterflies in North Africa. II. Ent. Rec. & J. Variation 64:168-170. June 1952. 421 En89

78146 LOBERBAUER, R. Rhyacia subrosea Steph. v. Kieferi Rbl. in Oberösterreich, ein bemerkenswerter neufund. Wien. Ent. Gesell. Z. 36:81-83. Aug.1,1951. 421 Os7

78147 LOWRY, W. L., and CALHOUN, S. L. Control of the variegated cutworm [Peridroma margaritosa] on cotton with several organic insecticides. (Abs.) Assoc. South. Agr. Workers. Proc. 49:83. 1952. 4 C82

78148 LOWRY, W. L., and CALHOUN, S. L. Control of the yellow-striped armyworm [Prodenia ornithogalli] on cotton with organic insecticides. (Abs.) Assoc. South. Agr. Workers. Proc. 49:82. 1952. 4 C82

78149 MARCHAL, J. G. L'emploi de Galleria mellonella pour l'essai des substances antituberculeuses (technique de Cattaneo-Morellini). Nancy. U. Facul. de Pharm. Assoc. des Diplômés de Microbiol B. 47:33-34. Apr.1952. 448.2 N152

78150 MARCHAND, S. LE. Une mine inépuisable: les Stigmella (Nepticula) (Microlépidoptères, Stigmellidae) Contribution à leur étude. Rev. Franc. de Lèpidoptérologie 13:138-142. (Cont.) Nov./Dec.1951. 421 P192

78151 MARTIN, R. L'organisation de la défense contre les vers de la grappe. Tarn-et-Garonne Agr. 15: 86-87. May 1952. 14 T17

Clysia ambiguella and Polychrosis botrana.

78152 MATHIS, M. Observations biologiques sur la fausse-teigne des abeilles. Gaz. Apic. 53:36-38. (Cont.) Feb.1952. 424.8 G25
Galleria mellonella.

78153 MELL, R. Über Apaturinen. Ent. Z. 62:31-37. (Cont.) May 15-June 1,1952. 421 En85

78154 MERE, R. M. A Pyrale new to Britain. Gaz. 3:56-57. Apr.1952. 421 En834
Hymenia recurvalis.

78155 MICHAELIS, H. N. Further notes on Microlepidoptera from Lancashire and Cheshire,. 1951. Ent. Rec. & J. Variation 64:178-179. June 1952. 421 En89

78156 MICKS, D. W. Clinical effects of the sting of the "puss caterpillar" (Megalopyge opercularis S. & A.) on man. Tex. Rpt. Biol. & Med. 10:399-405. Summer 1952. 448.8 T31

78157 MILUM, V. G. The control of wax moth. Amer. Bee J. 92:293-295. July 1952. 424.8 Am3

78158 MINNESOTA. OFF: OF STATE ENTOMOLOGIST. The codling moth [Carpocapsa pomonella]. Minn. Off. State Ent. C. 187,2 p. May 19,1952. 423.9 M66C

78159 MINNESOTA. OFF. OF STATE ENTOMOLOGIST. Cutworm control. Minn. Off. State Ent. C. 185,1 p. May 6,1952. 423.9 M66C

78160 MINNESOTA. OFF. OF STATE ENTOMOLOGIST. European corn borer [Pyrausta nubilalis]. Minn. Off. State Ent. Inform. B. 4,1 p. June 10,1952. 423.9 M66E

78161 MINNION, W. E. Methods of setting Lepidoptera. Ent. Rec. & J. Variation 64:184-185. June 1952. 421 En89

78162 MORLEY, A. M. A moth-trap in Folkestone in 1951. Ent. Rec. & J. Variation. 64:170-172. June 1952. 421 En89

78163 NIIMURA, T. Cho no seikatsu (The life of butterflies). Tokyo,Hokuryukan,1951. 133 p. 430 N57C

78164 OBRAZTSOV, N. Thiodia Hb. as [!] not a North American genus (Lepidoptera, Tortricidae). Ent. News [Philadelphia] 63:145-149. June 1952. 421 En88

78165 OBRAZTSOV, N. Eine wenig bekannte und drei neue palaearktische Tortriciden-arten. Z. f. Lepidopterologie 2:37-43. Mar.1,1952. 421 Z3
New spp. in Barbara, Eriopsela and Argyroploce.

78166 OWEN, D. F. The Lepidoptera of Cripplegate. London Nat. 31:84-88. 1951,pub.June 1952. 420 L843

78167 PESCOTT, R. T. M. Lepidoptera of the Russell Grimwade Expedition. Natl. Mus. Victoria. Mem. 17:27-28. Mar.1951. 514 M484
Includes a new species in Thallarcha.

78168 PHILLIPS, G. L. Methyl bromide fumigation of cottonseed in freight cars for the destruction of pink bollworms [Pectinophora gossypiella]. U. S. Bur. Ent. & Plant Quar. E-838,16 p. June 1952. 1.9 En83

78169 PIEPHO, H., and HEIMS, A. Das kutikulamuster der schmetterlingslarve und die hormonale grundlage seiner entstehung; untersuchungen an der wachsmotte Galleria mellonella L. Z. f. Natforsch. 7b:231-237. Apr.1952. 474 Z3

78170 PLANTROU, J. Capture d'un hybride heroarcania. Rev. Franc. de Lépidoptérologie 13:129. Nov./Dec.1951. 421 P192
Coenonympha.

78171 QUESTEL, D. D., and GERTLER, S. I. Laboratory tests of toxicity of some organic compounds to the European corn borer [Pyrausta nubilalis], 1947 to 1952. U. S. Bur. Ent. & Plant Quar. E-840,12 p. July 1952. 1.9 En83

78172 RATH. Der weisse bärenspinner (Hyphantria cunea), ein neuer obstbaumschädling. Gart.-Z. Illus. Flora 75:67-68. June 1952. 80 G1991

78173 REICHL, E. Zur genetik einiger formen von Syntomis phegea L. Schweiz. Ent. Gesell. Mitt. 24:83-88. July 20,1951. 420 Sw6

78174 REISSER, H. Notizen zur Lepidopterenfauna von Niederösterreich. Wien. Ent. Gesell. Z. 36:117-119. Aug.1,1951. 421 Os7

78175 RICHARDSON, A. Lepidoptera from the Burren of Clare, W. Ireland. Ent. Gaz. 3:73-74. Apr. 1952. 421 En834

78176 RINDGE, F. H. The butterflies of the Bahama Islands, British West Indies (Lepidoptera). Amer. Mus. Novitates 1563,18 p. Ref. May 12,1952. 500 N483N

78177 RINDGE, F. H. Taxonomic and life history notes on North American Eupithecia (Lepidoptera, Geometridae). Amer. Mus. Novitates 1569,27 p. Ref. June 6, 1952. 500 N483N

78178 ROCCA, L. On the identity of some species of day-flying Italian Lepidoptera, and on the toponymics in Lepidoptera pedemontana, by L. de Prunner. (In Italian.) Soc. Ent. Ital. B. 81:56-61. Nov.30,1951. 420 It1

78179 RUI, D. Cydia [i.e. Carpocapsa] pomonella, integrated control. (In Italian.) Riv. della Ortofloro-frutticolt. Ital. 36:137-139. May/June 1952. 86 R22

78180 SCHMAUS, M. Ueber Agrotis (Opigena) polygona F. in Westdeutschland. Z. f. Lepidopterologie 2:75-76. Mar.1,1952. 421 Z3

78181 SCHULTZ, V. G. M. Neue beiträge zur schmetterlingskunde. 10. Uber Homoeosoma pseudonimbellum Bentinck (erste stände und generationenfolge) (Lep. Pyralididae). Wien. Ent. Gesell. Z. 36:55-59. June 30,1951. 421 Os7

78182 SEVASTOPULO, D. G. A note on Hymenia recurvalis Fab. Ent. Rec. & J. Variation 64:182. June 1952. 421 En89

78183 SIEDER, L., and LOEBEL, F. Psychidea bombycella Schiff. und ihre rassen. Wien. Ent. Gesell. Z. 36: 33-44. June 30,1951. 421 Os7

78184 SINREICH, A. Ein neuer schädling, der amerikanische webebär, Hyphantria cunea Drury. Osterr. Vrtljahresschr. f. Forstw. 93:30-34. 1952. 99.8 Oe8

78185 SKOGSBORG, J. Notes on Microlepidoptera. (In Swedish.) Opusc. Ent. 17:65-68. 1952. 421 Op7
English summary.

78186 SMITH, P. S. White and pale forms of Lycaena phlaeas L. Ent. Rec. & J. Variation 64:184. June 1952. 421 En89

78187 SNAPP, O. I. Benzene hexachloride and DDT sprays for peach tree borer [Sanninoidea exitiosa] control. J. Econ. Ent. 45:547. June 1952. 421 J822

78188 SPERRY, J. L. Another synonym, Lepidoptera, Geometridae. Brooklyn Ent. Soc. B. 47:83. June 1952. 420 B79
Azelina waltonaria and Snowia waltonaria synonyms of Lygris pulcherrima, which is transferred to the genus Snowia.

78189 STARK, R. W. Sequential sampling of the lodgepole needle miner. Forestry Chron. 28(2):57-60. June 1952. 99.8 F7623
Recurvaria milleri.

78190 STORACE, L. On some forms of the genus Parnassius Latr. (Lepidoptera, Rhopalocera). (In Italian.) Soc. Ent. Ital. B. 81:81-83. Dec.31,1951. 420 It1

78191 STOUGHTON-HARRIS, G. Une aberration absolument melanisante d'Argynnis dia. Rev. Franc. de Lépidoptérologie 13:142. Nov./Dec.1951. 421 P192

78192 STOVES, J. L. Laboratory methods in the wool textile industry. II. Microscopical and biological examination. Textile Indus. & Fibres 13:218-220. July 1952. 304.8 F16
Includes control of moths and beetles.

78193 SUSSMAN, A. S. Studies of an insect mycosis. III. Histopathology of an aspergillosis of Platysamia [i.e. Hyalophora] cecropia L. Ent. Soc. Amer. Ann. 45: 233-245. Ref. June 1952. 420 En82

78194 SVENSSON, I. Microlepidoptera aus der sammlung Erik Norstrand. (In Swedish.) Opusc. Ent. 17:45-47. 1952. 421 Op7
German summary.

78195 TARDREW, C. G. The biological control of the Karoo caterpillar [Loxostege frustalis]. Farming So. Africa 26:165-168. May 1951. 24 So842

78196 TASSONI, J. P. The nitrogen to protein conversion factor for pupae of the moth, Telea polyphemus Cramer. Physiol. Zool. 25:259-262. Ref. July 1952. 410 P56

78197 THOMAS, D. L. Notes on Carmarthenshire Lepidoptera. Entomologist 85:143-144. June 1952. 421 En8

78198 THOMPSON, J. A. Butterflies in the coastal region of North Wales. Ent. Rec. & J. Variation 64: 161-166. June 1952. 421 En89

78199 TORRE Y CALLEJAS, S. L. DE LA. Datos taxonomicos sobre lepidopteros, con notas sobre algunas especies cubanas. II. Soc. Cubana de Hist. Nat. Felipe Poey. Mem. 21:61-70. Apr.28,1952. 410.9 So15

78200 TRAVASSOS, L. Contribution to the knowledge of the Arctiidae. XXVII. Redescription of three species of the genus Rhipha included by Seitz in the genus Idalus (Lepidoptera, Heterocera). (In Portuguese.) Rev. Bras. de Biol. 12:49-57. Apr.1952. 442.8 R326

78201 U. S. DEPT. OF AGRICULTURE. OFF OF INFORMATION. Controlling moths and carpet beetles [Anthrenus scrophulariae], by C. Gaddis and B. Crom. Washington,1952. 3 p. 1.914 R2R11

78202 URBAHN, E. Die asiatische Geometride Cabera leptographa Wehrli in der Mark Brandenburg gefunden. Z. f. Lepidopterologie 2:25-35. Mar.1,1952. 421 Z3

78203 URLINGS, J. When do the codling moths [Carpocapsa pomonella] issue? (In Dutch.) Netherlands. Dir. van Tuinbouw. Meded. 15:358-362. June 1952. 86 N384
English summary.

78204 VOSS, E. G. On the classification of the Hesperiidae. Ent. Soc. Amer. Ann. 45:246-258. Ref. June 1952. 420 En82

78205 WARNECKE, G. Coenonympha hero L. (Satyridae) in Nordwestdeutschland. Z. f. Lepidopterologie 2: 88-89. Mar.1,1952. 421 Z3

78206 WARNECKE, G. Der sanddorn [Hippophaë rhamnoides] als futterpflanze von raupen. Z. f. Lepidopterologie 2:48. Mar.1,1952. 421 Z3

78207 WILTSHIRE, E. P. Early stages of Palearctic Lepidoptera. X. Soc. Fouad 1er d'Ent. B. 36:175-186. 1952. 420 Eg9

78208 WILTSHIRE, E. P. Lepidoptera recently taken in Arabia. Soc. Fouad 1er d'Ent. B. 36:135-174. 1952. 420 Eg9
Includes new species in Sterrha and Glossotrophia.

78209 WILTSHIRE, E. P. Middle-east Lepidoptera. X. More new species and forms from Persia (Iran) and Syria. Soc. Fouad 1er d'Ent. B. 36:187-210. 1952. 420 Eg9
In Chondrostega, Trichiura, Evisa, Agrochola, Sidemia, Autophila, Caradrina, Lymantria and Cidaria.

78210 WRIGHT, D. Breeding Stauropus fagi Linn. (lobster prominent), Chaonia ruficornis Hufn. (lunar marbled brown) and Dasycampa rubiginea Schf. (dotted chestnut). Ent. Gaz. 3:77-80. Apr.1952. 421 En834

78211 WRIGHT, D. Notes on Malacosoma neustria Linn. Ent. Rec. & J. Variation 64:172-174. June 1952. 421 En89

78212 YARNELL, S. H. Breeding for resistance to the earworm [Heliothis armigera] in sweet corn. (Abs.) Assoc. South. Agr. Workers. Proc. 49:106-107. 1952. 4 C82

78213 ZOCCHI, R. Evergestis extimalis Scopoli (Lepidoptera Pyralidae). (In Italian.) Bologna. U. Ist. di Ent. B. 18:350-379. 1950/51,pub.1952. 420 B63

See also Sericulture and the Silkworm.

ORTHOPTERA

78214 ANDER, K. Was ist Gryllus morio Fabr.? Opusc. Ent. 17:48. 1952. 421 Op7

78215 BALAMIR, S. Dociostaurus maroccanus in Turkey. (In Turkish.) Bitki Koruma B. 1:11-15. Jan. 1952. 464.8 B54
English summary.

78216 BOBB, M. L. Grasshopper [Melanoplus femurrubrum] control. Va. Fruit 40(6):41-42. June 1952. 81 V81B

78217 BODINE, J. H., and LU, K. H. The action of thyroxine on the endogenous oxygen uptake of mitotically active and blocked grasshopper embryos, their homogenates and intracellular constituents. J. Cell. & Compar. Physiol. 39:255-259. Apr.1952. 444.8 J822
Melanoplus differentialis.

78218 CHABOUSSOU, F., and RAMADIER, P. Essais d'appâts empoisonnés contre les courtilières [Gryllotalpa gryllotalpa]. Rev. Hort. 124:676-678. Mar./Apr.1952. 80 R32

78219 CHOPARD, L. Contribution à l'étude du peuplement de la Mauritanie Orthoptéroïdes. Inst. Franç. d'Afrique Noire. B. 14:457-478. Apr.1952. 515 D14

78220 DAY, M. F. Wound healing in the gut of the cockroach Periplaneta. Austral. J. Sci. Res. Ser. B, Biol. Sci. 5:282-289. Ref. May 1952. 442.8 Au72

78221 DECOURSEY, R. M. The European mantis, Mantis religiosa (Linne), in Connecticut. Psyche 58:158. Dec.1951. 421 P95

78222 EDMUNDS, L. R. Some notes on the habits and parasites of native wood-roaches in Ohio (Orthoptera: Blattidae). Ent. News [Philadelphia] 63:141-145. June 1952. 421 En88

78223 GUNN, D. L. The red locust [Nomadacris septemfasciata]. Roy. Soc. Arts. J. 100:261-284. Ref. Mar.7,1952. 501 L847J
Includes discussion.

78224 HARPER, R. W. Grasshoppers in California. Calif. Dept. Agr. B. 41:105-112. Apr./June 1952. 2 C12M

78225 HOGAN, T. W. Aerial spraying of locusts. Victoria. Dept. Agr. J. 50:112-114. Mar. 1952. 23 V66J

78226 HSIANG, C. M., POLLARD, M., and MICKS, D. W. The possible role of the cockroach [Periplaneta americana] in the dissemination of poliomyelitis virus. Tex. Rpt. Biol. & Med. 10:329-335. Summer 1952. 448.8 T31

78227 JENKINS, W. G. Middle East fight against locusts. Allahabad Farmer 26:57-59. Mar.1952. 22 AL5

78228 JOHNSON, L. H., and others. Composition of the protein material in the exuviae of the Mormon cricket Anabrus simplex Hald. Physiol. Zool. 25:250-258. Ref. July 1952. 410 P56
J. H. Pepper, M. N. B. Banning, E. Hastings, and R. S. Clark, joint authors.

78229 KANELLIS, A. Anlagenplan und regulationserscheinungen in der keimanlage des eies von Gryllus domesticus. Wilhelm Roux' Arch. f. Entwicklmech. der Org. 145:417-461. Ref. 1952. 442.8 Z33D

78230 PIQUETT, P. G., and FALES, J. H. Rearing cockroaches for experimental purposes. U. S. Bur. Ent. & Plant Quar. ET-301,12 p. June 1952. 1.9 En83Et
Periplaneta americana, Blattella germanica, Supella supellectilium and Blatta orientalis.

78231 POLLAK, S. W. War on locusts. New Statesman & Nation 44(1113):7-8. July 5,1952. 280.8 N2132
Schistocerca gregaria.

78232 PRINCIS, K. Kritisches verzeichnis der Blattarien Chinas und Tibets. Opsc. Eng. 17:33-44. Ref. 1952. 421 Op7

78233 RICHARDS, T. J. Nemobius sylvestris in S. E. Devon. Entomologist 85:136-141. (Cont.) June 1952. 421 En8

78234 RICHARDS, T. J. Nemobius sylvestris in S. E. Devon. Entomologist 85:161-166. (Concl.) July 1952. 421 En8

78235 SCHARRER, B. Neurosecretion. XI. The effects of nerve section on the intercerebralis—cardiacum—allatum system of the insect Leucophaea maderae. Biol. B. 102:261-272. Ref. June 1952. 442.8 B52

78236 SEVERIN, H. C. Grasshopper outlook, 1952. S. Dak. Farm & Home Res. [S. Dak. Sta.] 3:77. Spring 1952. 100 So82S

78237 THOMAS, J. G. A comparison of the pterothoracic skeleton and flight muscles of male and female Lamarckiana species (Orthoptera, Acrididae). Roy. Ent. Soc. London. Proc. Ser. A; Gen. Ent. 27:1-12. Mar.15, 1952. 420 L84Pa

78238 VINSON, E. B., and KEARNS, C. W. Temperature and the action of DDT on the American roach [Periplaneta americana]. J. Econ. Ent. 45:484-496. Ref. June 1952. 421 J822

SERICULTURE AND THE SILKWORM

78239 ARUGA, H., and others. The recent advances in gene-analysis of the silkworm. (In Japanese.) Tokyo, Gihodo,1951. 166 p. 425 Ar8
H. Chikushi, H. Miyayama, Y. Tazima, and M. Tsujita, joint authors.

78240 BORGONOVI, A. O casulo na indústria, escolha, sufocação, secagem e classificação [The cocoon in the industry; selecting, stifling, drying and classifying]. Sericicultura 6,17 p. 1952? 425.8 Se6

78241 CHRISTODOULOU, P. Diseases of silkworms. Countryman [Nicosia] 6(3):16-17. Mar.1952. 25 C83

78242 FINKEL', L. A. Quality coefficient for cocoons. (In Russian.) Tekstil'. Promysh. 12(2):11-12. Feb.1952. 304.8 T23

78243 IKEDA, H. Biochemical studies on the polyhedra of the silkworm (Bombyx mori L.) grasserie, (I). Elementary analyses and ultraviolet absorption spectra of the polyhedra. Sci. Res. Inst. J. 45:217-225. Dec.1951. 513 T577

78244 ITO, T. Studies on the integument of the silkworm, Bombyx mori. I. Histology and cytology of the integument during the moulting period. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:305-328. Ref. July 1951. 425.9 J273B
English summary.

78245 KATO, M., and HAMAMURA, Y. Niacin and niacinamide biosynthesis in insects. Science 115:703-704. June 27,1952. 470 Sci2
Experiment with Bombyx mori.

78246 MELL, R. Der seidenspinner. Leipzig,Geest & Portig,1951. 45 p. 425 M48

78247 ONO, M. Studies on the growth of the silkgland cell in silkworm larvae. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:247-303. Ref. July 1951. 425.9 J273B
English summary.

78248 UMEYA, Y., and TSUJITA, M. Genetical and histo-cytological studies on the lethal yellow larva in the silkworm. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:329-345. Sept.1951. 425.9 J273B
English summary.

78249 WATANABE, S. Studies on the Grasserie virus of the silk worm, Bombyx mori. IV. Physical and chemical effects upon the virus. Jap. J. Expt. Med. 21:299-313. Ref. Oct.1951. 448.8 J272

78250 YOKOYAMA, T. Studies on the cocoon-formation of the silkworm, Bombyx mori L. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:183-246. Ref. Mar.1951. 425.9 J273B
English summary.

SMALLER ORDERS

78251 AUBERT, J. Leuctra meridionalis n. sp., un Plécoptére nouveau de versant sud des Alpes. Schweiz. Ent. Gesell. Mitt. 24:181-182. July 20,1951. 420 Sw6

78252 AUBERT, J. Les Plécoptéres du Parc national. (Abs.) Schweiz. Ent. Gesell. Mitt. 24:205. July 20,1951. 420 Sw6

78253 AUBERT, J. Plécoptères helvétiques; description de larves nouvelles. Schweiz. Ent. Gesell. Mitt. 24: 279-298. Ref. Oct.15,1951. 420 Sw6

78254 BARRERA, A. Notas sobre sifonapteros. III. Descripción de Rectofrontia mexicana nov. sp. (Siph., Hystrichops.). Ciencia 11:293-294. 1951,pub. Feb.12,1952. 475 C48

78255 CHANT, D. A. and MCLEOD, J. H. Effects of certain climatic factors on the daily abundance of the European earwig, Forficula auricularia L. (Dermaptera: Forficulidae), in Vancouver, British Columbia. Canada. Ent. 84:174-180. June 1952. 421 C16

78256 CHRISTIANSEN, K. A. Notes on Alaskan Collembola II. Three new species of Arctic Collembola. Psyche 58:125-140. Dec.1951. 421 P95
In Schaefferia, Pseudanurophorus and Anurida.

78257 CORNBLEET, T., SCHORR, H. C., and FIRESTEIN, B. Multiple pesticides for scabies and pediculosis. A. M. A. Arch. Dermat. & Syph. 66:103-106. July 1952. 448.8 Ar242

78258 DEBOUTTEVILLE, C. D., and GISIN, H. Collemboles cavernicoles d'Italie récoltés par M. S. Patrizi. Soc. Ent. Ital. B. 81:85-86. Dec.31,1951. 420 It1

78259 EMERSON, K. C. A new species of Trogoninirmus (Philopteridae: Mallophaga). Kans. Ent. Soc. J. 25:118-119. July 1952. 420 K13

78260 FRASER, F. C. Contribution à l'étude du peuplement de la Mauritanie Odonata, Neuroptera, Nemoptera and Ephemeroptera. Inst. Franç. d'Afrique Noire. B. 14:479-484. Apr.1952. 515 D14

78261 FRASER, F. C. New species of Neuroptera in the Museum National d'Histoire Naturelle, Paris. Rev. Franc. d'Ent. 19:55-64. 1952. 421 R323
In Nosybus, Ethiochrysa n.g, Chrysopa, Madantispa n.g, Mantispilla, Neuroleon and Indoleon n.g.

78262 FREEMAN, J. A. Occurrence of Collembola in the air. Roy. Ent. Soc. London. Proc. Ser. A; Gen. Ent. 27:28. Mar.15,1952. 420 L84Pa

78263 GARDNER, A. E., and MACNEILL, N. Breeding dragonflies and equipment for aquatic-stage fieldwork. Ent. Gaz. 3:86-99. Apr.1952. 421 En834

78264 GASCHEN, H. Note sur un Mallophage du bouquetin (Bovicola ibicis n. sp.) Schwiez. Ent. Gesell. Mitt. 24:191-196. Ref. July 20,1951. 420 Sw6

78265 GLANCE, G. A new species of insect of the order Protura. U. S. Natl. Mus. Proc. 102:305-314. 1952. 500 Sm65P
In Eosentomon.

78266 GRANDI, M. Contribution to the study of exotic Ephemerida. I. A new African Caenidae: Caenis hoggariensis n. sp. (In Italian.) Bologna. U. Ist. di Ent. B. 18:173-180. 1950/51,pub.1952. 420 B63

78267 GRANDI, M. Contribution to the study of Italian Ephemerida. XIV-XVI. (In Italian.) Bologna. U. Ist. di Ent. B. 18:58-92,117-127,181. 1950/51,pub.1952. 420 B63
XIV, Morphology and histology of the digestive system in the preimaginal, subimaginal and imaginal states of various genera and species; XV, New Italian Caenidae (Caenis felsinea n. sp. and C. valentinae n. sp.); XVI, Baetis pavidus Grnd (=B. parva Grnd.).

78268 GRANDI, M. Contribution to the study of the Plecoptera. II. Comparative morphology of the thorax of some species of Plecoptera. (In Italian.) Bologna. U. Ist. di Ent. B. 18:30-57. 1950/51,pub.1952. 420 B63

78269 GRASSE, P. P., and NOIROT, C. Nouvelles recherches sur la biologie de divers termites champignonnistes (Macrotermitinæ). Ann. des Sci. Nat. Zool. et Biol. Anim. (ser.11)13:291-342. Ref. 1951,pub.Mar.1952. 410 An7
Includes new species in Macrotermes.

78270 HANSENS, E. J., and HADJINICOLAOU, J. Preliminary studies of fleas on rats (Rattus norvegicus) in New Jersey. N. Y. Ent. Soc. J. 60:91-95. June 1952. 420 N48J

78271 HERFS, A. Der schwarmflug von Reticulitermes lucifugus Rossi. Z. f. Angew. Ent. 33:69-77. Nov.1951. 421 Z36

78272 JANETSCHEK, H. Beitrag zur kenntnis der gattung Machilis (Thysanura). Wien. Ent. Gesell. Z. 36: 16-21. (Concl.) Apr.15,1951. 421 Os7

78273 KNOWLTON, G. F. Control the earwig [Forficula auricularia]. Utah. State Agr. Col. Ext. C. 170,2 p. July 1952. 275.29 Ut1

78274 LEDERER, G. Ein beitrag zur ökologie des Anax imperator imperator Leach 1815 (Odon. Aeschnidae). Ent. Z. 62:21-24. (Cont.) May 1,1952. 421 En85

78275 MAYO, V. K. New western Ephemeroptera, III. Pan-Pacific Ent. 28:93-103. Apr.1952. 421 P193
In Ameletus, Ephemerella and Baetis.

78276 MORRISON, C. A victum of misunderstanding. Country Life [London] 111:1989. June 27,1952. 80 C83
The earwig, Forficula auricularia.

78277 MUKERJI, D., and MITRA, P. K. Effect of transplantation of the physogastric queen of the termite, Pdontermes redemannt (Wasmann). (Abs.) Indian Sci. Cong. Proc. 36(3):158. 1949. 513 In22

78278 NEWSON, L. D., ROUSSEL, J. S., and SMITH, C. E. The effect of infestation by the tobacco thrips, Frankliniella fusca (Hinds) on growth and yield of cotton. (Abs.) Assoc. South. Agr. Workers. Proc. 49:82. 1952. 4 C82

78279 NIELSEN, C., and CONCI, C. Notes on Italian Odonata. (In Italian.) Soc. Ent. Ital. B. 81:76-79. Dec.31, 1951. 420 It1

78280 NYMPH emerges into dragonfly. Life 33(4): 74-75. July 28,1952. 280.8 L62

78281 RAZET, P. Catabolisme des purines chez le Collembole Xenylla welchi Folsom (Insecte, Aptérygote). Acad. des Sci. Compt. Rend. 234:2566-2568. June 23, 1952. 505 P21

78282 ROSS, H. H., and KING, E. W. Biogeographic and taxonomic studies in Atopsyche (Trichoptera, Rhyacophilidae). Ent. Soc. Amer. Ann. 45:177-204. June 1952. 420 En82
Includes new species.

78283 ST. GEORGE, R. A. Testing soil poisons for termite control. II. Pest Control 20(6):32. July 1952. 449.8 Ex8

78284 SCHALLER, F. Die "copula" der Collembollen (springschwänze). Naturwissenschaften 39:48. Jan.15,1952. 474 N213

78285 SCHMID, F. Le genre Ironoquia Bks. (Trichopt. Limnophilid.). Schweiz. Ent. Gesell. Mitt. 24: 317-328. Oct.15,1951. 420 Sw6

78286 SECREST, H. C. New insecticides for the control of subterranean termites. (Abs.) Assoc. South. Agr. Workers. Proc. 49:88-89. 1952. 4 C82

78287 SHELFORD, V. E. Termite treatment with aqueous solution of chlordane. J. Econ. Ent. 45:544. June 1952. 421 J822

78288 SMIT, F. G. A. M. Notes on some names of fleas described by C. W. Dale in 1878. Ent. Mon. Mag. 88: 133-134. June 1952. 421 En86

78289 SNYDER, T. E. Detection of termites by microphones. Pest Control 20(7):33-34. July 1952. 449.8 Ex8

78290 STANLEY, W. W. Tests with systox on cotton and snap beans. (Abs.) Assoc. South. Agr. Workers. Proc. 49:82-83. 1952. 4 C82
For control of thrips.

78291 STANNARD, L. J., JR. Peanut-winged thrips (Thysanoptera: Thripidae). Ent. Soc. Amer. Ann. 45:327-330. June 1952. 420 En82
Arachisothrips n.g.

78292 STURM, H. Die paarung bei Machilis (felsenspringer). Naturwissenschaften 39:308. July 1,1952. 474 N213

78293 TIMMERMANN, G. The species of the genus Quadraceps (Mallophaga) from the Larinae, with some remarks on the systematics and the phylogeny of the gulls. II. Ann. & Mag. Nat. Hist. (ser.12)5:595-600. June 1952. 410 An77

78294 TRAUB, R., and JOHNSON, P. T. Atyphloceras tancitari and Jellisonia bonia, new species of fleas from Mexico (Siphonaptera). Amer. Mus. Novitates 1558,19 p. May 5,1952. 500 N483N

78295 VARGAS, L. Pulgas de México—Polygenis rozeboomi n. sp. Ofic. Sanit. Panamer. B. 32:515-520. June 1952. 449.9 P192B
English summary.

78296 WERNECK, F. L. Contribution to the knowledge of the Anoplura. I. (In Portuguese.) Rev. Bras. de Biol. 12:69-78. Apr.1952. 442.8 R326
Includes new spp. in Fahrenholzia and Linognathus.

78297 WYGODZINSKY, P. Thysanura from Juan Fernandez Island (Apterygota). Rev. Chilena de Ent. 1: 199-204. 1951. 421 R329
Includes Kuschelochilis n.g.

AGRICULTURAL ENGINEERING

References on bee-keeping equipment and malaria control equipment are classified with Entomology; references on forestry equipment with Forestry; references on industrial equipment with Agricultural Products; and references on irrigation equipment and drainage equipment with Soils.

GENERAL AND MISCELLANEOUS

78298 ANDERSON, C. Use of plane rectangular coordinates in California. Surveying & Mapping 12:128-131. Apr./June 1952. 325.8 Am3

78299 BALL, C. E., comp. Don't gamble on farm safety. Farm & Ranch—South. Agr. Upper So. Ed. 82(14-15. July 1952. 6 T31

78300 BERGE, O. I. Our duty! To make the easy way the safe way. Farm Impl. News 73(11):66-67. June 10, 1952. 58.8 F22

78301 BLENK. Strömungsforschung und landtechnik. Landbforsch. Völkenrode 2:38-39. Apr.1952. 18 L2353

78302 BROWN, C. J. D., and THORESON, N. A. Ranch fish ponds in Montana; their construction and management. Mont. Agr. Expt. Sta. B. 480,30 p. Dec. 1951. 100 M76

78303 CRUZ, S. R. Historical notes: agricultural engineering in the Philippines. 4. Agricultural engineering and the coconut industry. Philippine Agr. Engin. J. 3: 40,42. First Q.1952. 58.8 Ag88

78304 DUGAN, R. F. Farm fish ponds in West Virginia. W. Va. Agr. Expt. Sta. C. 84,35 p. Apr.1952. 100 W52

78305 ERICKSON, D. Here's how we practice farm safety in our [FFA] chapter! Co. Agent & Vo-Ag Teacher 8(7):8-9. July 1952. 275.28 N213

78306 GRANT, E. C. Stop that fire—before it starts. Hoard's Dairyman 97:592. July 10,1952. 44.8 H65

78307 HAMILTON, C. L. Farm safety more than a challenge, almost a must. Farm Impl. News 73(11):64-65, 125. June 10,1952. 58.8 F22

78308 HAMILTON, C. L. Progress toward greater safety in agriculture. Agr. Engin. 33:419-420. July 1952. 58.8 Ag83

78309 HAMILTON, C. L. When lightning strikes, be prepared. Hoard's Dairyman 97:613. July 25,1952. 44.8 H65

78310 HELDRETH, H. Honest-to-goodness safety education our biggest need! Co. Agent & Vo-Ag Teacher 8(7):10-12. July 1952. 275.28 N213

78311 KÜHN, M. Brauchen wir denn einen blitzableiter? Bauern-Ztg. 5:6,9. June 6,1952. 18 B324

78312 LENGSFELD, J. Wachsende unfallzahlen. Landtechnik 7:347. June 15,1952. 58.8 L235

78313 MCADAMS, W. N. The agricultural engineering farm at Clemson. (Abs.) Assoc. South. Agr. Workers. Proc. 49:27-28. 1952. 4 C82

78314 NATIONAL SAFETY COUNCIL. Falls in the farm home. Chicago,1951. 4 p. 449.15 N21Fa

78315 NATIONAL SAFETY COUNCIL. Spring clean-up and farm accident prevention, by M. H. Coe. n.p., 1952. sheet. 449.15 N21S

78316 PETTIS, A. M. Lightning protection on farms: what to do and how to do it told by electrification specialist. Fla. Grower 60(7):7,41. July 1952. 80 F6622

78317 SCHRODER, H. C. Arbeitsschutz in der landwirtschaft. Deut. Agrartech. 2:33-37. Feb.1952. 58.8 D482

78318 SCRUGGS, C. G. Are farmers out of the mud? Prog. Farmer, Tex. Ed. 67(7):15,81,83. July 1952. 6 T311
Rural roads in Texas.

78319 SEITZ, C. E. The agricultural engineering teaching farm. (Abs.) Assoc. South. Agr. Workers. Proc. 49:28. 1952. 4 C82
At Virginia Polytechnic Institute.

78320 SEVERSON, H. Farm accidents I personally know about, and every one of them was preventable. Farm Impl. News 73(11):62-63,128. June 10,1952. 58.8 F22

78321 THOMAS, J. A., JR. First API open house success for agricultural engineering. Ala. Farmer 31 (7):2. Apr.1952. 276.8 AL1

78322 U. S. BUR. OF EMPLOYEES' COMPENSATION. STATISTICAL BR. The injured employee of the Department of Agriculture, 1949-1950. Washington,1951. 15 p. 158.1 In5
Statistics.

78323 VIRGINIA. AGRICULTURAL AND MECHANICAL COLLEGE AND POLYTECHNIC INSTITUTE. AGRICULTURAL EXTENSION DIV. 4-H safety manual. Va. Agr. Col. Ext. B. 190,15 p. Jan.1951. 275.29 V81B

78324 WALKER, C. Building a farm pond. Pacific Grange Farmer, p. 6-8. In Grange News 41(27):6-8. July 4,1952. 6 Ag893

78325 WARDLE, N. Rural schools check farm fires. Farm Safety Rev. 10(4):10-11. July/Aug.1952. 449.8 F22 Iowa.

78326 YOUNG, S. P. Agricultural engineering teaching laboratory facilities. (Abs.) Assoc. South. Agr. Workers. Proc. 49:26-27. 1952. 4 C82

FARM MACHINES AND EQUIPMENT

78327 ALBERT, W. Schwerpunkt technik auf der landwirtschafts- und gartenbau-ausstellung 1952. Deut. Agrartech. 2:66-67. Mar.1952. 58.8 D482

78328 BARNETT, A. P., and DREW, L. O. Machinery practices in a conservation program. (Abs.) Assoc. South. Agr. Workers. Proc. 49:134. 1952. 4 C82
In conservation farming.

78329 BIESALSKI. Fünfzehn doppelzentner totgewicht. Landtechnik 7:203-204. Apr.15,1952. 58.8 L235
Hand tools.

78330 BISMARCK, L. VON. So bequem als möglich! Tech. f. Bauern. u. Gärt. Ausg. A 4:193-194. May 10, 1952. 58.8 T223

78331 BOCOCK, B. Farm equipment's place in the better use of land. (Extr.) Canad. Farm Impl. 48(4):64, 66. Apr.1952. 58.8 C163

78332 BONIFACIO, F. Le 24e Salon de la Machine Agricole. Ecole Supér. d'Agr. et de Viticult. B. Mens. 30:136-138. Apr.1952. 275.9 An4

78333 BRACHMANN, E. G. Die eigenart der Veroneser messe. Landtechnik 7:205-206. Apr.15,1952. 58.8 L235

78334 BRITISH SOCIETY FOR RESEARCH IN AGRICULTURAL ENGINEERING. An elevator-loader for the bulk handling of potatoes into permanent stores, by G. R. Chalmers and H. J. Hamblin. Natl. Inst. Agr. Engin. Tech. Memo. 62,8 p. Apr.1952. 58.9 N214T

78335 BRITISH SOCIETY FOR RESEARCH IN AGRICULTURAL ENGINEERING. Report on a study of bale loading and stacking, by H. C. Green and F. S. Mitchell. Natl. Inst. Agr. Engin. Tech. Memo. 64,5 p. Mar.1952. 58.9 N214T

78336 COUCHMAN, R. Machines replace costly labor. West. Fruit Grower 6(7):7-10. July 1952. 95.8 G762

78337 DECOUX, L. L'évolution de la mécanisation de la culture de la betterave en Belgique au cours des dernières années. Inst. Belge pour l'Amélior. de la Betterave. P. 19:225-259. Sept./Oct.1951. 66.9 In7
English summary.

78338 DIEBALL, H. Neues vom landmaschinenhandel. Landmasch.-Markt 31:334-335. May 31,1952. 58.8 L239

78339 FLACH, F. Zahlen um landmaschinen und ackerschlepper. Landtechnik 7:342-344. June 15,1952. 58.8 L235

78340 FLIRI, F. Die landtechnik als weg zum einmannbetrieb. Wir untersuchen einen mechanisierten 10 ha- betrieb. Osterr. Landtech. 5:35-37. Feb.1952. 58.8 L236

78341 FOLTINEK, H. Neue landmaschinen auf der wiener frühjahrsmesse. Osterr. Landtech. 5:50-53. Feb.1952. 58.8 L236

78342 GEDDINGS, M. T. Conducting a youth program. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 42-43. 1952. 4 C82
Equipment instruction.

78343 HANSEN, K. Das dänische landmaschinenprüfungswesen. Landtechnik 7:190-193. Apr.15,1952. 58.8 L235

78344 HIGGS, C. Re-tooling our farms; machines for saving labour—and more hard work—is the recipe for success. Farmers Wk. [London] 37:50. July 4,1952. 10 F2226

78345 HINE, H. J. Developments in farm machinery. Young Farmer 20:167-171. May/June 1952. 10 Y8

78346 HIRSCH, K. Gummibereifung an landmaschinen und geräten. Deut. Agrartech. 2:27-28. Jan.1952. 58.8 D482

78347 JOVI, G. Agricultural machinery and tractors at the 14th Verona Fair. (In Italian.) Macch. e Motori Agr. 10:495-504. May 1952. 58.8 M13

78348 JOVI, G. The Fanfani plan for mechanized agriculture. (In Italian.) Macch. e Motori Agr. 10:553-559. June 1952. 58.8 M13

78349 KAUFMANN, S. My experiences with the mechanization of coffee production. (In Portuguese.) Soc. Rur. Bras. Rev. 32(375):44-45. Apr.1952. 9.2 B733

78350 KIMBROUGH, E. A., JR. Equipping small Mississippi farms. (Abs.) Assoc. South. Agr. Workers. Proc. 49:39. 1952. 4 C82

78351 KLOEPPEL, R. Der reuterheber. Landtechnik 7:286-287. May 31,1952. 58.8 L235

78352 LOY, A. VAN, and LOY, L. G. VAN. Landbouw mechanica [Agriculture mechanics]. Ed. 2, rev. Antwerpen,N. V. Standaard-Boekhandel,1951. 350 p. 58 L95

78353 MCKITRICK, J. L. Farm acceptance of aluminum. (Abs.) Assoc. South. Agr. Workers. Proc. 49:41. 1952. 4 C82

78354 MAIS, H. La mécanisation des labours moyens et quasi labours. Monit. de la Mécan. Rur. 45:99,101. Mar.1952. 58.8 M74

78355 MATHIESON, M. Some suggestions for determining the economic use of machinery. Agr. Econ. Soc. J. Proc. 10:69-74. June 1952. 281.9 Ag8

78356 MAULIT, D. A. Economic fundamentals of farm mechanization in the Philippines. Gard. & Farm 1(5):4-5,13,21,39,43. (Cont.) Nov.1951. 25 G16

78357 MEER, W. C. V. D. Mechanization of small farms. (In Dutch.) Groninger Landbbl. 30(20):13. May 15,1952. 12 G892

78358 MOTHES, E. Entwicklungsmöglichkeiten für unsere landmaschinenindustrie. Deut. Agrartech. 2:85-87. Mar.1952. 58.8 D482

78359 NAETHBOHM, P. Die agrartechnik im arbeitsplan 1952 der Kammer der Technik. Deut. Agratech. 2:98. Apr.1952. 58.8 D482

78360 NERLI, N. Mechanization of agriculture. (In Italian.) Gior. di Agr. 62:198. June 29,1952. 16 It1G
Italy.

78361 PASSELÈGUE, G. L'évolution de la motoculture d'après le XXIVe Salon de la Machine Agricole. Génie Civ. 129:228-232. June 15,1952. 290.8 G29

78362 PREUSCHEN, R. Paris gab anregungen, bericht vom pariser landmaschinen-salon 1952. II. Tech. f. Bauern u. Gärt. Ausg. A 4:170-172. April 25, 1952. 58.8 T223

78363 PREUSCHEN, R. Wir fanden in Paris. Tech. f. Bauern u. Gärt. Ausg. A 4:145-147. (Cont.) Apr.10, 1952. 58.8 T223
National equipment show.

78364 SAUZE, F. La situation du machinisme agricole en Algérie. Elevage et Cult. 4(40):13-16. Apr.1952. 24 EL2

78365 SAXON, E. A. Equipment and materials essential for rural production. Austral. Bur. Agr. Econ. Q. Rev. Agr. Econ. 5:60-63. Apr.1952. 281.9 Au73

78366 SCHAUPENSTEINER, F. Verbesserte schaltung eines heugreifers. Osterr. Landtech. 5:40. Feb. 1952. 58.8 L236

78367 SCHIEMAN, A. J. The role of the agricultural smith in the agricultural equipment trade. (In Dutch.) Zeeuwsch Landbbl. 40(2127):14. June 21,1952. 12 Z2

78368 SCHILLING, E. Landmaschinenbau als studium Landtechnik 7:201-203. Apr.15,1952. 58.8 L235

78369 SCHMITT. Landwirtschaftliche motorisierung im siegkreis. Landwirt. Z. der Nord-Rheinprov. 119: 513. May 17,1952. 18 L2344

78370 SCHULZE-HENNE, K. Durch den geräteträger zur rationellen erzeugung. Tech. f. Bauern u. Gärt. Ausg. A 4:148-149. Apr.10,1952. 58.8 T223

78371 STOCKL, L. Landmaschinenhalle und landmaschineneinsatz der landwirtschaftl. genossenschaft in Gramatneusiedl. Landwirtschaft 11/14:207-208. June/July 1952. 19 L235

78372 TRENARY, O. J. Proper maintenance helps make power farming better. Colo. Agr. Col. Colo. A. & M. News 6(11):3,6. May 1952. 6 C713

78373 UNION OF SOUTH AFRICA. OFF. OF CENSUS AND STATISTICS. Mowers, binders, threshing machines, combines, hammer and other grain mills, wind mills, dipping tanks, silage cutters, silos, hay presses, hay rakes and forage cutters. Union So. Africa. Buro v. Sensus en Statis. Landbsensus. Spesiale Verslagreeks 4, 15 p. Apr.1952. 270 So87L

78374 UNION OF SOUTH AFRICA. OFF. OF CENSUS AND STATISTICS. Share and disc ploughs, harrows, cultivators, seed drills and planters and fertilizer attachments. Union So. Africa. Buro v. Sensus en Statis. Landbsensus. Spesiale Verslagreeks 3,15 p. Mar.1952. 270 So87L

78375 UNION OF SOUTH AFRICA. OFF. OF CENSUS AND STATISTICS. Stationary engines, churns, cream separators, and poultry incubators. Union So. Africa. Buro v. Sensus en Statis. Landbsensus. Spesiale Verslagreeks 2,15 p. Feb.1952. 270 So87L

78376 VINOD. Mechanical cultivation in the Punjab. Power Farmer 9:16-17. July 1952. 58.8 P872

78377 WALTON, G. A. Straddle row machine, pineapple utility vehicle. Queensland Fruit & Veg. News 2(21):20-21. Apr.4,1952. 280.38 Q3

78378 WARDROP, G. A breath of fresh air. Farmer & Stock-Breeder 66(3272):48-49,51. July 8,1952. 10 F228

Prices of agricultural machinery in Great Britain.

78379 WESSEL, F. W. Maschinenberatung im rahmen der arbeiten der Landwirtschaftskammer. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:873. June 5, 1952. 18 L2346

78380 WILLIAMS, M. H. How the Farmers Home Administration is assisting in mechanizing small farms in the Southeast. (Abs.) Assoc. South. Agr. Workers. Proc. 49:39-40. 1952. 4 C82

78381 WINTER, F., ed. Maschinen für die landwirtschaft; ergebnisse einer auf einladung der ECA-mission für Österreich erfolgten USA-studienreise. Wien,Österreichisches Produktivitäts-Zentrum,1951. 91 p. (Die Studienreise; Schriftenreihe des Österreichischen Produktivitäts-Zentrums) 58 W73

Animal Husbandry Equipment

78382 BROWN, C. A. C., HALL, H. S., and WAKEFORD, P. Application of electrical steam generators to the sterilization of farm dairy equipment. Leatherhead, Surrey,1951. 20 p. (British Electrical and Allied Industries Research Association. Technical Report [Reference] W/T19) 335 B814Ap

78383 BYWATERS, J. H. Infrared brooding in 1952. (Abs.) Assoc. South. Agr. Workers. Proc. 49:159. 1952. 4 C82

78384 FITZGERALD, D. V. Clean milking machine quality insurance. Pure Milk 26(6):6. June 1952. 280.28 P97

78385 GONZALEZ ARROYO, S. Construcciones agrícolas: estudio economico de los baños para ganado lanar. Ganadería [Madrid] 10:54-57. Feb.1952. 49 G15

78386 GOODING, P. H., NESBIT, W. B., and THAXTON, J. E. Turkey production equipment. N. Y. Agr. Col. Cornell Ext. C. 297,rev.,31 p. Apr.1952. 275.29 So8E

78387 GRANT, B. How to make a rawhide bosal. 1-2. West. Horseman 17(7):22,45-47; (8):12-13. July-Aug. 1952. 42.8 W522

78388 HALL, H. S. Mechanization of milk production. New Zeal. Farmer 73(6):15,17-18. May 22,1952. 23 N484

78389 HALL, H. S. New ideas to save work in the byre; oil electricity replacing solid fuel: cooling developments. Farmers Wk. [London] 37:57. July 4,1952. 10 F2226

Equipment and materials for sterilization of dairy utensils.

78390 HORN. Die reinigung der melkmaschine. Melkmaschinendienst, p.2. In Unser Milchvieh 4(6). June 1952. 43.8 Un7

78391 KINZELBACH, W. Beratungs- und kundendienst für melkmaschinenbetriebe. Landtechnik 7:368-371. June 30,1952. 58.8 L235

78392 LAUB, A. Der melkvorgang beim maschinenmelken. Landtechnik 7:338-340. June 15,1952. 58.8 L235

78393 LYDON, R. Self-feeding of project steers. Pacific Stockman 18(6):32,56. June 1952. 286.85 W52

78394 MORELAND, G. Fumigation of incubators. Victoria. Dept. Agr. J. 50:217-218. May 1952. 23 V66J

78395 MOWERY, A. S., SHAFFNER, C. S., and HENNINGS, W. L. Construction of lamb brooders for use with infrared lamps. Pa. Agr. Expt. Sta. Prog. Rpt. 74,4 p. May 1952. 100 P381P

78396 PAVLENKO, V. I. Our method of mechanizing [livestock] farms. (In Russian.) Sotsialist. Zhivotnovod. 14(1):73-76. Jan.1952. 49 So71

Vostochnaia Machine-Tractor Station.

78397 PFEIFFER, M. Neuartige glucke. Bauer 5(8): 10-11. Feb.23,1952. 19 B32

78398 PROBST. Melkmaschinen im bundesgebiet. Landtechnik 7:194-195. Apr.15,1952. 58.8 L235

78399 REISMANN, H. G. Der milchtank im stall. Landtechnik 7:341-342. June 15,1952. 58.8 L235

78400 SAARMAN, E. Mechanical removal of manure. (In Swedish.) Svensk Jordbrforsk. 1951:253-262. 11 J763

78401 VENNMANN, W. Richtiger einsatz und anwendung der melkmaschine. Landwirt. Z. der Nord-Rheinprov. 119:566-567. May 31,1952. 18 L2344

78402 WHITTLESTONE, W. G. An improved air admission method for use on milking machine claw pieces. Power Farming Austral. & New Zeal. 61(4):51. Apr.1952. 58.8 P87

78403 ZODLER, H. Maschinenmelken mit dem schlepper. Landtechnik 7:367-368. June 30,1952. 58.8 L235

Cultivation and Tillage Equipment

78404 ALEKHIN, K. K. New system of supports for the vineyards of Middle Asia. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):38-41. Sept.1951. 95.8 V77

78405 BERWICK, E. J. H. Dry padi mechanical cultivation experiments, Kelantan, season 1950-51. Malayan Agr. J. 34:185-206. Oct.1951. 22.5 F312

78406 BERWICK, E. J. H. Wet padi mechanical cultivation experiments, Kelantan, season 1950-51. Malayan Agr. J. 34:166-184. Oct.1951. 22.5 F312

78407 BERZAGHI, M. N. Considerations on the use of the plow. I. (In Portuguese.) Rev. dos Mercados 3(18):26-28. Feb.1952. 286.8 R328

78408 CLYDE, A. W. Mounted plows and 3-point linkage. Farm Impl. News 73(12):34-35,74-75,78. June 25,1952. 58.8 F22

78409 DUDENEY, P. Makers concentrate on simplification; few new designs but many improved details. Farmers Wk. [London] 37:59. July 4,1952. 10 F2226

Machinery for root cultivation and harvesting.

78410 ENGELHARD, J. Evolution de l'emploi des treuils de labourage. Motorisation Agr. 7:229,231,233-235. Apr.1952. 58.8 M85

78411 FEIX, H. Erfahrungen mit neuzeitlichen bodenbearbeitungsmethoden. Deut. Agrartech. 2:106. Apr.1952. 58.8 D482

Equipment.

78412 FEIX, H. Erleichtertes hangackern mit schlepper-anhängepflügen. Osterr. Landtech. 5:46-47. Feb.1952. 58.8 L236

78413 FRENCH, G. W. A double-counter rotating-head mechanical sugar beet thinner. Mich. Agr. Expt. Sta. Q. B. 34:403-411. May 1952. 100 M58

78414 GIAROLO, F. Problems of mechanization. (In Italian.) Riso 1(2):21-23. Mar.1952. 59.8 R49

78415 GILLARD, S. O. Plant frame for seedlings. New Zeal. J. Agr. 84:319. Apr.1952. 23 N48J

78416 KRASULINA, V. T., and MANOKHIN, P. A. Breaking up the soil in vineyards with a chisel-cultivator. (In Russian.) Vinodel. i Vinograd. SSSR. 12:46-49. Jan.1952. 95.8 V77

78417 LONNEMARK, H. Mechanized summer culture of sugar beets in U.S.A. (In Swedish.) Lantmannen 36:501-503. June 21,1952. 11 L234

78418 MEL'NIKOV, N. E. A system of mounted PUN-1,7 equipment for KD-35 tractor. (In Russian.) Sad i Ogorod 11:30-34. Nov.1951. 80 Sa13

78419 MIGNOTTE, F. Les bineuses à tracteurs. Culture 36:9-12. May/June 1952. 14 C894

78420 PESCATORI, E. Mechanical tiller in vineyards of table grapes in the Tuscan hill regions. (In Italian.) Agr. Tosc. 7:200-201. June 1952. 16 Ag827

78421 RANSOME, D. P. Plough shares—types, designs and construction. Scot. Farmer 60:672-673. Apr. 26,1952. 10 Sco8

78422 RISSE, W. Fahrt neben der pflugfurche!" Tech. f. Bauern u. Gärt. Ausg. A 4:150-151. Apr.10,1952. 58.8 T223

78423 ROSASPINA, M. Parameters of total resistance in a plow. (In Italian.) Macch. e Motori Agr. 10:567-572. June 1952. 58.8 M13

78424 SCHMIDT, G. Die kopplung der anbaugeräte wird einfacher. Tech. f. Bauern u. Gärt. Ausg. A 4: 173-176. April 25,1952. 58.8 T223

78425 SCHMIDT, G. Die kopplung der anbaugeräte wird einfacher. II. Tech. f. Bauern u. Gärt. Ausg. G 4:196-197. May 10,1952. 58.8 T223G

78426 SHCHERBAKOV, P. M. Mechanized cultivation of irrigated vineyards. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):11-12. Oct.1951. 95.8 V77

78427 VOITOV, P. Mechanization of work in growing vegetable crops (Mytishchinskaîa MTS in Moscow Region). (In Russian.) Tekhsovety MTS 13(7/8):1-11. Feb.1952. 58.8 T233

78428 ZHUKOVSKII, N. P., and VINITSKAÎA, A. K. Attachment for inter-row soil tillage in orchards. (In Russian.) Sad i Ogorod 12:26-28. Dec.1951. 80 Sa13

Fertilizer and Seed Distributors

78429 ANTIPOV, V. Mechanization of planting Indian hemp seeds in nurseries. (In Russian.) Mashinno-Traktornaîa Sta. 12(3):23-24. Mar.1952. 58.8 M11

78430 FEIX, H. Sä- und pflegemaschinen für sonderkulturen. Bauer 5(7):14-15. Feb.16,1952. 19 B32

78431 GUNTHART, A. Die setzmaschine erspart das auslichten der runkelrüben. Grüne 80:713. June 27,1952. 17 Sch9

78432 IVANOV, A. Planting and processing of flax. (In Russian.) Tekhsovety MTS 13(3/4):1-16. Jan.1952. 58.8 T233
Equipment.

78433 JEHLE, R. A. A machine for planting potatoes in tuber units. Amer. Potato J. 29:141. June 1952. 75.8 P842

78434 KAYSER, E. Automatisches kartoffellegen und pflanzensetzen. Landmasch.-Markt 31:188-189. Apr.5, 1952. 58.8 L239

78435 KERMANN, W. K. Neue konstruktionen von pflanzensetzmaschinen. Landmasch.-Markt 31:245-246. May 3,1952. 58.8 L239

78436 MOHR, H. C. Modifications of precision planting equipment to facilitate spacing studies with vegetables. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 115-116. 1952. 4 C82

78437 STEVENS, J. G. R. Precision drilling of sugar beet gives best results. Agr. Mach. J. 6(6):25-26. June 1952. 58.8 Ag86

78438 ZHURUKHIN, F. A. In regard to constructing a meadow plant feeder. (In Russian.) Kormovaîa Baza 3 (3):58-59. Mar.1952. 60.8 K84

Harvesting Equipment

78439 AASEN, K. Small farm rake. (In Norwegian.) Norsk Landbr. 18:229. June 20,1952. 11 N8122
For hay harvesting.

78440 BRENNER, W. G. Die veränderte mahdrescher-situation in Westdeutschland. Landtechnik 7: 299-301. May 31,1952. 58.8 L235

78441 CAMPBELL, D. E. Raspberries yield to mechanical harvesting. Impl. Rec. 48(12):28-29. Nov. 1951. 58.8 Im73

78442 CORLEY, T. E., and STOKES, C. M. Progress in development of brush-type cotton strippers in the Southeast. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 33. 1952. 4 C82

78443 CRUCQ, J. Aardappelrooimachines voor de veenkploniën [Potato digging machinery for the peat lands]. Inst. v. Landbtech. en Rationalisatie. P. 17,32 p. Jan. 1952. 58.9 W12

78444 DE GARMO, E. P., SMITH, R. J., and DAVIS, L. E. New type lemon-clipper; current operation of the double clip in lemon picking eliminated, rejects reduced, and harvesting speeded. Calif. Agr. [Calif. Sta.] 6(6):7. June 1952. 100 C12Cag

78445 DEGENHARDT, G. Amerikanische mähdrescher für Europa. Landtechnik 7:314-316. May 31, 1952. 58.8 L235

78446 DEGENHARDT, G. Der mähdrescher auf dem strassentransport. Landtechnik 7:316-318. May 31,1952. 58.8 L235

78447 DEVINE, E. S. A mechanical harvester for onions. Grower [London] 38:30-32. July 5,1952. 286.83 M34

78448 FITZGERALD, O. A. Stubble gulper. Oreg. Farmer 75:564. July 17,1952. 6 Or32
Straw cutter and spreader.

78449 GILLING, T. Up-to-date equipment for our biggest crop; big advance in design of machines for cutting and loading. Farmers Wk. [london] 37:51-54. July 4,1952. 10 F2226

78450 GOTELLI, R. J. The Ramacher harvester. Diamond Walnut News 34(4):7. July 1952. 94.68 D34

78451 HARMENING, and others. Deutsche mähdrescher, die konstrukteure berichten über ihre arbeit. Landtechnik 7:307-314. May 31,1952. 58.8 L235
J. Dechentreiter, A. Wolf, and Böhm, joint authors.

78452 HASSE. Gedanken zur kommenden heuernte. Landwirtbl. Weser-Ems 99:536-537. May 29,1952. 18 L2345
Equipment.

78453 KAYSER, E. Sinnvollere heuwerbung. Landmasch. Rundschau 4:79-84. Apr.1952. 58.8 L237

78454 KERMANN, K. Heuerntemaschinen. Landmasch.-Markt 31:330-332. May 31,1952. 58.8 L239

78455 LENTZ, J. H. Die ladearbeit in der heuernte. Landtechnik 7:289-291. May 31,1952. 58.8 L235

78456 LILJEDAHL, J. B. Some results of harvesting southern hybrid corn mechanically. (Abs.) Assoc. South. Agr. Workers. Proc. 49:34. 1952. 4 C82

78457 MARTIN, C. L., JR. Application of the mechanical sweet corn harvester. (Abs.) Canning Trade 74(52): 6-8,20. July 14,1952. 286.83 T67

78458 PIACCO, R. The "Magjb" reaper for rice and other cereals. (In Italian.) Macch. e Motori Agr. 10:461-465. May 1952. 58.8 M13

78459 PRIEBE, H. Mähdrusch im bauerndorf. Dreschen u. Pflügen 7(5):4-5. May 15,1952. 58.8 D81

78460 QUAID front-end loader. Sugar 47(6):39. June 1952. 65.8 F11

78461 REED, A. D. Use of mechanical harvesters termed "success" in Butte. Almond Facts 17(3):11. May/June 1952. 280.28 AL62

78462 REHRL, K. Das aufzugswerk des grasmähers. Bauer 5(21):12-13. May 31,1952. 19 B32

78463 REINIKAISELT, A. Harvesting-threshing work and high efficiency dryers. (In Finnish.) Teho 4:131-145. 1952. 20 T98
English summary.

78464 RIES, L. W. Die weiterentwicklung der mahbinder-hofdrusch-ernte. Landtechnik 7:296-298. May 31, 1952. 58.8 L235

78465 ROUTH, C. A. The finger-wheel rake, an authoritative report on American trials. Power Farming Austral. & New Zeal. 61(4):9,11,13. Apr.1952. 58.8 P87

78466 ROWSELL, J. Harvesting tackle for smaller acreages. Farmers Wk. [London] 37:55. July 4,1952. 10 F2226

78467 SAINT-QUENTIN, M. Fauchage mécanique du fourrage. Rustica 25:555-556. June 15,1952. 14 R92

78468 SCHUBERT. Mähdrescher-arbeitswirtschaftlich gesehen. Landwirt. Wchnbl. 142:720-721. June 28, 1952. 18 L2338
Includes costs.

78469 SCHUBERT, R. Mähdrescher ja oder nein? Landwirtschaft 11/14:206-207. June/July 1952. 19 L235

78470 SCHULZE-LAMMERS, H. Die heuwerbung und ihre geräte. Landtechnik 7:282-285. May 31,1952. 58.8 L235

78471 SEGLER. Besseres, gehaltvolleres heu mit weniger arbeit. Landwirtbl. Weser-Ems 99:534-536. May 29,1952. 18 L2345
Harvesting equipment.

78472 SEGLER, G. Stand der mähdrescherverwendung. Landtechnik 7:302-306. May 31,1952. 58.8 L235
Includes material on grain drying and storage.

78473 URBAN, H. Revolutionär "mähdruschverfahren." Landwirt. Wchnbl. 142:718. June 28,1952. 18 L2338

78474 WHYTE, J. N. Use of forage harvester for stack silage and chou moellier. New Zeal. J. Agr. 84: 322-324. Apr.1952. 23 N48J

Land Clearing Equipment

78475 ERIKSSON, S., and BYMAN, R. Mechanized clearing of new land in Finland. (In Swedish.) Svensk Jordbrforsk. 1951:16-24. 11 J763

78476 FISCHER, F. Buschhackmaschinen. Landtechnik 7:196-198. Apr.15,1952. 58.8 L235

Processing Equipment Used on the Farm

78477 BRITISH SOCIETY FOR RESEARCH IN AGRICULTURAL ENGINEERING. Hay drying with supplemental heat, by H. G. Taylor and J. Woodforde. Natl. Inst. Agr. Engin. Tech. Memo. 57,18 p. Dec.1951. 58.9 N214T

78478 BRITISH SOCIETY FOR RESEARCH IN AGRICULTURAL ENGINEERING. Investigation into the comparative "chop" lengths of crops chopped by three types of stationary chopping machines, by F. J. Disney. Natl. Inst. Agr. Engin. Tech. Memo. 63,10 p. Mar.1952. 58.9 N214T

78479 BRITISH SOCIETY FOR RESEARCH IN AGRICULTURAL ENGINEERING. Silage making enquiry, by H. C. Green and F. S. Mitchell. Natl. Inst. Agr. Engin. Tech. Memo. 66,17 p. Mar.20,1952. 58.9 N214T
Equipment.

78480 DOWNING, C. G. E. Barn hay drying. Farmer's Mag. 49(6):22-25. June 1952. 7 C165

78481 EDERT, F. Schwedenreuter in Schweden. Landtechnik 7:287-288. May 31,1952. 58.8 L235

78482 FEDOSEEV, B. V. Cleaning timothy seeds from sheep sorrel [Rumex acetosella]. (In Russian.) Kormovaîa Baza 3(3):55-56. Mar.1952. 60.8 K84
Equipment.

78483 GIBB, J. A. C. Insurance against a glut of grain at harvest time. Agr. Mach. J. 6(5):28-29. May 1952. 58.8 Ag86
Drying and storage.

78484 GRADIN, H. Machines for preparing silage. (In Swedish.) Svensk Jordbrforsk. 1951:273-281. 11 J763

78485 GUTSCHMIDT, J. Gefrieranlagen für die landwirtschaft. Landtechnik 7:334-338. June 15,1952. 58.8 L235

78486 HUSEMANN, C., and GALENSA, F. Grassilage aus dem freigärhaufen. Deut. Landwirt.-Gesell. Mitt. 67:403-405. May 31,1952. 18 N39

78487 IVANOV, A. A. Machines for preparation of feeds for feeding. (In Russian.) Kormovaîa Baza 3(1):52-58. Jan.1952. 60.8 K84

78488 JOHNS, J. M. Design, operation and use of stationary and portable driers on the farm. (Abs.) Assoc. South. Agr. Workers. Proc. 49:37-38. 1952. 4 C82

78489 KAPPELLE, D., WIERTSEMA, P., and MOENS, A. Het gebruik van inkuilmachines in de praktijk [Use of silage machines in practice]. Inst. v. Landbtech. en Rationalisatie. P. 20,71 p. May 1952. 58.9 W12
English summary.

78490 KESPER, J. Eine sieb- und entstaubungsmaschine. Tech. f. Bauern. u. Gärt. Ausg. A 4:225-226. May 25,1952. 58.8 T223

78491 KINDLER, E. Neuere geräte zur bestimmung der feuchtigkeit von getreideproben. Deut. Agrartech. 2:74-76. Mar.1952. 58.8 D482

78492 LIVERTOUX. L'aération alternante. Génie Rur. 45:200-203. June 1952. 58.8 Au8
Corn drying.

78493 MATTHEWS, E. M., and BAKER, V. H. A forced-ventilation tobacco curing system. Agr. Engin. 33:429-430. July 1952. 58.8 Ag83

78494 MÎAND, A. Organization of feed preparation sections. (In Russian.) Mashinno-Traktornaîa Sta. 12(3): 16-18. Mar.1952. 58.8 M11
Utilization of equipment.

78495 MYRICK, N. Will the farm pasteurizer bring back the producer-distributor? Amer. Milk Rev. 14(7): 16-17,60-61. July 1952. 44.8 Am38

78496 ORLIKOV, B. M. A steamer for coarse feeds. (In Russian.) Kormovaîa Baza 2(12):47-49. Dec.1951. 60.8 K84

78497 PARAU, D. Verbesserung der rauhfutterernte. Allgäuer Bauernbl. 20:307. June 13,1952. 18 AL53
Hay manufacture.

78498 RITTERSHAUS, W. Häckselhof? Gedanken zu einem aktuellen thema. Kärntner Bauer 102:337-338. May 31,1952. 19 K14
Equipment.

78499 SEGLER, G., and MATTHIES, H. J. Versuche mit heubelüftungsanlagen. Landtechnik 7:292-296. May 31,1952. 58.8 L235

78500 TALAPATRA, S. K. Some aspects of fodder conservation. I. Hay making. Indian Dairyman 3:153-154. May 1952. 44.8 In282

78501 TURK, K. L. Make some quality hay for your calves. Dairymen's League News 36(13):6-7. June 24, 1952. 44.8 D1432

78502 U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. Two-temperature walk-in refrigerator for the farm. Bill of material. Plan no. 7102. Washington? 1952? 6 p. 1.982 A2T932
U. S. Bureau of Plant Industry, Soils, and Agricultural Engineering cooperating.

78503 VICTOR, B. Die dreschmaschine und ihr betrieb. Dreschen u. Pflügen 7(5):8-9. May 15,1952. 58.8 D81

78504 WALKER, D. M. Hammer mills, their types and outputs. Power Farmer 9:4-6. July 1952. 58.8 P872

78505 WEAVER, J. W., JR. Summary of haymaking research. (Abs.) Assoc. South. Agr. Workers. Proc. 49:36-37. 1952. 4 C82

78506 WEBB, E. G. New field hay making machinery. Farmer's Advocate & Canad. Countryman 87(3426):5,35. July 12,1952. 7 F22

78507 WEICHEL, E. Nochmals der einmann-drusch! Tech. f. Bauern u. Gärt. Ausg. A 4:153-154. Apr.10,1952. 58.8 T223

Repair, Maintenance, and Construction Equipment

78508 BRICKWOOD, H. Welding the more difficult metals. 3. Repairing cast-iron fractures. Power Farmer 9:35-36. July 1952. 58.8 P872

78509 COUTIAUX, P. Tracteurs et machines agricoles a la station service pourquoi et comment graisser Motorisation Agr. 7:236-239. (Cont.) Apr.1952. 58.8 M85

78510 FOSS, E. W. Soldering. N. Y. Agr. Col. Cornell Ext. B. 850,16 p. Mar.1952. 275.29 N48E

78511 HARRIS, R. R. The home farm shop. (Abs.) Assoc. South. Agr. Workers. Proc. 49:26. 1952. 4 C82

78512 HEIDENREICH. Selbstgebaute stallentmistungsanlage. Landwirt. Z. der Nord-Rheinprov. 119:570. May 31,1952. 18 L2344

78513 MEINDL, G. Der landmaschinenpflegehof in Mold bei Horn. Landwirtschaft 11/14:203-204,206. June/July 1952. 19 L235

78514 MEYER, F. Maschinenschuppen und werkstatt im bäuerlichen betrieb. Landwirt. Wchnbl. f. Westfalen u. Lippe 190 A:949-950. June 19,1952. 18 L2346

78515 SIDOROV, M. Organization of repair of tractors and agricultural equipment by the assembly line method. (In Russian.) Mashinno-Traktornaîa Sta. 12(3): 14-15. Mar.1952. 58.8 M11

Spraying and Dusting Equipment

78516 BLOODWORTH, M. E., BURLESON, C. A., and COWLEY, W. R. A multi-purpose spray unit. Tex. Agr. Expt. Sta. Prog. Rpt. 1460,5 p. May 3,1952. 100 T31P

78517 BUSH, R. Taking the nozzles up ever so high. Grower [London] 37:1378-1379. June 21,1952. 286.83 M34
Fruit spraying equipment.

78518 CHAMBERLAIN, W. F. An automatic fly sprayer for southern cattle. (Abs.) Assoc. South. Agr. Workers. Proc. 49:86. 1952. 4 C82

78519 DAWE, T. C. R. Spraying appliances on Pukekohe market gardens. New Zeal. J. Agr. 84:371. May 1952. 23 N48J

78520 FEIS, N. Mist sprayers for the orchard. I-III. (In Dutch.) Fruitteelt 42:477,490-491,513. June 12-26, 1952. 86 N28

78521 GATTINARA, R. C. Equipment for spraying. (In Italian.) Terra e Sole 118:197-199. June 1952. 16 T273

78522 GOOSSEN, H. Entwicklungsstand deutscher pflanzenschutzgeräte. Gesunde Pflanzen 4:80-83. Apr. 1952. 464.8 G33

78523 HAYWARD, L. G. Novel farm-made spray outfit. West. Austral. Dept. Agr. J. (ser.3)1:243-247. Mar./Apr.1952. 23 W52J

78524 LACOMBE, R. Les traitements du vignoble. Motorisation Agr. 7:225-227. Apr.1952. 58.8 M85
Equipment.

78525 MENIS, Y. Remarks on spraying tomatoes with a spraying apparatus. (In Hebrew.) Hassadeh 32: 228-229. Feb.1952. 26 H27

78526 PLANT PROTECTION, LTD., LONDON. A guide to the application of insecticides, fungicides and weedkillers. London,1951. 79 p. 58 P692G
Includes equipment.

78527 RIES, S. K., and TERRY, C. W. The design and evaluation of a small-plot sprayer. Weeds 1:160-173. Jan.1952. 79.8 W41

78528 SHANKS, G. L., and PATERSON, J. J. The Riley sprayograph. Agr. Engin. 33:428. July 1952. 58.8 Ag83

78529 STONER, W. N., and RANDOLPH, J. W. A spray machine for experimental trials of pesticides under actual field conditions. (Abs.) Assoc. South. Agr. Workers. Proc. 49:84. 1952. 4 C82

78530 THORSRUD, J. Moveable sprayers. (In Norwegian.) Frukt og Baer 4:23-32. 1951. 80 F9428

Vehicles

78531 BOER, P. DE. Eenvoudige kennis van tractoren [Elementary knowledge of tractors]. Groningen, Wolters,1951. 64 p. 58 B635

78532 BRIGHT, D. F. A. Pneumatic tyres in agriculture. Power Farming Austral. & New Zeal. 61(4):25, 27,29. Apr.1952. 58.8 P87

78533 CAMPBELL, B. F. Special protective finishes essential for farm tractors. Auto. Indus. 107:34-36,76, 78,80,82. July 1,1952. 291.8 Au82

78534 CORRÊA, A. A. M. It is necessary to know how to buy the tractors. (In Portuguese.) Rev. Agron. [Porto Alegre] 16(181/183):52-54. Jan./Mar.1952. 9.2 R325

78535 COUTIAUX, P. Comment régler une charrue à tracteur? Motorisation Agr. 7:181-185,187,189. Mar. 1952. 58.8 M85

78536 DAWSON, J. A. Economic aspects of tractor use in Ontario and Quebec. Econ. Annal. 22:60-63. June 1952. 281.8 Ec72

78537 DINGENEN, F. VAN. Comment choisir avantageusement un tracteur d'après ses caracteristiques. Sillon Belge 22(510):7. May 24,1952. 13 Si3

78538 DUMRATH, H. W. Fahre deinen schlepper warm! Landtechnik 7:207-208. Apr.15,1952. 58.8 L235

78539 FERGUSON, J. C. The use of small tractors on North Carolina farms. (Abs.) Assoc. South. Agr. Workers. Proc. 49:40-41. 1952. 4 C82

78540 FRASER, A. The development of power driven machinery. Power Farming Austral. & New Zeal. 61(4):41. Apr.1952. 58.8 P87
Tractor operation.

78541 GRIGOR'EVA, A. Operation of tractors on irrigated fields. (In Russian.) Mashinno-Traktornaîa Sta. 12(3):19-22. Mar.1952. 58.8 M11

78542 HEDEGARD, B. Our new traffic legislation. (In Swedish.) Skogen [Stockholm] 39:50-52,58. May 15, 1952. 99.8 Sk51
Includes rules for tractors and other farm vehicles.

78543 HELBING, W. Die bewährung von presstoff- und sintereisengleitlagern im 30-PS-IFA-schlepper "Aktivist." Deut. Agrartech. 2:103-105. Apr.1952. 58.8 D482

78544 HENDRICHS, A. Zur neukonstruktion des vielzweckschleppers RS 30. Deut. Agrartech. 2:55. Feb.1952. 58.8 D482

78545 JOUHANNAUD, G. Le tracteur et ses outils. Motorisation Agr. 7:240-242. Apr.1952. 58.8 M85

78546 KLIEFOTH, F. Welcher führerschein wird benötigt? Tech. f. Bauern. u. Gärt. Ausg. A 4:195-196. May 10,1952. 58.8 T223

78547 KOELLER, H. L. Now 6.5 million tractors power world farms. Impl. & Tractor 67(13):34-35,84. June 21,1952. 58.8 W41

78548 LEES, A. B. Deployment of farm power; economical use is more easily assured in lightweight rather than large tractors. Good Husb. 2(8):14-15. Apr.1952. 24 G59

78549 LENGSFELD, I. Unterstellräume für schlepper. Landtechnik 7:208-209. Apr.15,1952. 58.8 L235

78550 MCDONALD, A. N. C. Preliminary report on the influence of engine loading on tractor field fuel consumption. Silsoe,Bedfordshire,Brit. Soc. for Res. in Agr. Engin.,1951. 21 p. 58 M14

78551 MITIUSHKIN, T. Ways of lowering the costs of tractor work [at machine-tractor stations]. (In Russian.) Mashinno-Traktornaîa Sta. 12(3):4-7. Mar. 1952. 58.8 M11

78552 MOROCCO. (SPANISH ZONE). SERV. AGRONOMICO. Cursillo practico para tractoristas. Morocco. (Sp. Zone). Serv. Agron. Hojas de Inform. 78,11 p. Mar. 1952. 24 M823

78553 MOWERY, A. S. An all-purpose farm wagon. Hoard's Dairyman 97:580-581. July 10,1952. 44.8 H65

78554 MOWERY, A. S. How to build a farm trailer. Hoard's Dairyman 97:619. July 25,1952. 44.8 H65

78555 NAETHBOHM, P. Die wirtschaftliche schlepperarbeit. Deut. Agrartech. 2:99-102. Apr.1952. 58.8 D482

78556 PESARO, A. Portable and semi-portable machinery. (In Italian.) Macch. e Motori Agr. 10:561-566. June 1952. 58.8 M13
Tractor equipment.

78557 PICARD, R. La résistance au roulement des tracteurs et machines agricoles montés sur pneu en terrain arable. Culture 36:4-7. May/June 1952. 14 C894

78558 REHRL, K. Arbeitstechnischer einfluss von grösse, form and lage der felder im gespann- und traktorbetrieb. Osterr. Landtech. 5:45-46. Feb.1952. 58.8 L236

78559 REINIKAINEN, T. The battery of your tractor is worth caring for. (In Finnish.) Teho 4:148-150. 1952. 20 T98
English summary.

78560 RENNTUN, H. G. Know your tractor—drive with care! (In Swedish.) Lantmannen 36:471-474. June 14,1952. 11 L234

78561 ROBERTSON, T. C. Trek oxen may vanish from veld in power farming age. Veldtrust 13(5):16-17, 19-20. May 1952. 56.8 V54

78562 RÖHNER, J. Die leidigen transporte. Reich der Landfrau 20:154-156. May 17,1952. 18 L2347
Wagons and baskets on the farm.

78563 SHIELDS, J. W. How to select rear tractor tires. Impl. & Tractor 67(12):30-31. June 7,1952. 58.8 W41

78564 SMITH, C. S. Farming from the air; the need is there—the tools are there. Farmers Wk. [London] 36(19):44-45. May 9,1952. 10 F2226
Spraying fertilizers and weed killers.

78565 SVENSSON, K. A. Only three liter per hour. (In Swedish.) Lantmannen 36:495-496. June 21,1952. 11 L234
Fuel for tractor.

78566 TEODORO, A. L. Why do farmers desire the Diesel type of tractors on many farms? Agr. & Indus. Life 14(5):40. May 1952. 25 Ag8

78567 TYROLER, W. Gefahr am berg—der tod fährt mit! Traktor 3:93-94. Apr.1952. 58.8 T677
Tractors.

78568 UNION OF SOUTH AFRICA. OFF. OF CENSUS AND STATISTICS. Tractors and vehicles on farms. Union So. Africa. Buro v. Sensus en Statis. Landbsensus. Spesiale Verslagreeks 1,14 p. Dec.1951. 270 So87L

78569 WIDT, R. A. DE, and MEER, W. C. VAN DER. Trekkerkosten. Tractor-costs. Inst. v. Landbtech. en Rationalisatie. P. 18,30 p. Ref. Mar.1952. 58.9 W12
English summary.

78570 WIERSEMA, J. K. Horse and tractor in agriculture. (In Dutch.) Landbode 6(25):1-2. June 19,1952. 12 L234
Netherlands.

FARM STRUCTURES AND RURAL HOUSING

78571 AHRER, K. Bauten auf almen und bergwelden. Bauer 5(9):5-6. Mar.1,1952. 19 B32
Austria.

78572 BONFIELD, J. P. Low-cost protection for high priced machinery. Business Farming 11(4):3-4. May 1952. 6 B96
Machine shed plan.

78573 GIESE, H. Farm building construction. Ontario Crop Impr. Assoc. Addresses & Proc. 15:60-62. 1952. 64.9 On83

78574 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Estate yards. Gt. Brit. Min. Agr. & Fisheries. B. 155,55 p. 1952. 10 G794B
Buildings and workshops.

78575 KALLE, A. Good buildings in Blekinge. (In Swedish.) Lantmannen 36:408-410. May 24,1952. 11 L234

78576 LUCE, A. D. La peinture, une économie pour le cultivateur. B. des Agr. 34,i.e.48(4):28-29,92. Apr. 1952. 7 B872
Farm buildings.

78577 NORDBØ, H. Farm service buildings. (In Norwegian.) Landbrukstidende 58:364-367. (Cont.) May 7, 1952. 11 L236

78578 PEATFIELD, A. E. Farm concreting. 2. Technique of laying floors. Power Farmer 9:33-34. July 1952. 58.8 P872

78579 SCHAFFHAUSEN, J. F. Built-in protection against wind; here are simple sure ways to strengthen your buildings. Country Gent. 122(7):20. July 1952. 6 C833

78580 SMITH, C. S. Buildings and fencing. Farmers Wk. [London] 37:61. July 4,1952. 10 F2226
Buildings for all types of farms and electric fencing in Great Britain.

78581 STRAHAN, J. L. Asphalt gives lasting and economical roof protection. Broiler Growing 3(7):16-17,35. Jyly 1952. 47.8 B782

78582 U. S. CONGRESS. SENATE. COMMITTEE ON BANKING AND CURRENCY. Housing Act of 1952. Hearings, 82d Cong., 2d sess. on S. 3066, a bill to amend defense housing laws, and for other purposes, May 5 and 6, 1952. Washington,1952. 145 p.
Includes statements submitted by the Department of Agriculture.

78583 WOOD, N. B. Farm buildings. Gt. Brit. Min. Agr. Agriculture 59:154-156. July 1952. 10 G79J

Animal Shelters and Animal Service Buildings

78584 BOCCIANTI, C. Characteristics of a properly planned barn. (In Italian.) Agricoltura 1(5):42-44. May 1952. 16 Ag8226

78585 BRIGHAM, H. One farmer's opinion of the pen barn. Hoard's Dairyman 97:628. July 25,1952. 44.8 H65

78586 BUCHINGER, I. S. Dual-purpose rabbit hutch. Org. Gard. 20(7):28-29,42-44. July 1952. 56.8 Or3

78587 DICKINSON, H. Stanchion or loafing barn? We like 'em both. Successful Farming 50(7):46-47,80-81. July 1952. 6 Su12

78588 DOMKE, E. Stallsanierung durch lüftung. Tech. f. Bauern u. Gärt. Ausg. A 4:182-183. Apr.25,1952. 58.8 T223

78589 FOOTE, F. Are your bucks' quarters presentable? Capriculturist 10:22. Jan.1952. 40.18 C17

78590 GOODMAN, A. M. The construction of concrete floors for dairy stables. N. Y. Agr. Col. Cornell Ext. B. 140,rev.,35 p. Apr.1952. 275.29 N48E

78591 GOODMAN, A. M. Why and how of ventilation. Poultry Tribune 58(7):7,14. July 1952. 47.8 P8642

78592 GOVIN. La stabulation libre. Génie Rur. 45: 191-193. June 1952. 58.8 Au8

78593 HALL, H. J., and VENRICK, F. Save labor, reduce costs with concrete barnyard pavements and feeding floors. Mo. Agr. Col. Ext. Folder 19,12 p. Apr.1952. 275.29 M69FoL

78594 HARWOOD, L. J. How they battle heat in the laying house. N. J. Farm & Gard. 23(7):52-53. July 1952. 6 G162

78595 HEIZER, E. E., ZEHNER, C. E., and SMITH, V. R. A summary of a ten-year comparison between loose run and stanchion barn housing for dairy cattle. (Abs.) J. Dairy Sci. 35:495-496. June 1952. 44.8 J822

78596 KALBFLEISCH, W., and WHITE, J. W. Loose housing of dairy cattle in Canada. Canad. Soc. Anim. Prod. Proc. 1951:11-13. 49.9 Ea72

78597 LÜHRS. Reinigung und entseuchung der ställe. Landwirtbl. Weser-Ems 99:514-515. May 22,1952. 18 L2345

78598 MARCHAND. L'assainissement et la désinfection des porcheries. Dépêche Com. et Agr., June 26, 1952:2-3. 280.38 D44

78599 NORDBØ, H. Service buildings in agriculture. (In Norwegian.) Landbrukstidende 58:387-389. (Cont.) May 14,1952. 11 L236

78600 OBER, J. Der offenstall für jungvieh. Württemb. Wchnbl. f. Landwirt. 119:586-587. June 28, 1952. 18 W96

78601 PETERSEN, N. Technik und rationalisierung in der hühnerhaltung. II. Tech. f. Bauern u. Gärt. Ausg. A 4:57-58. Feb.10.1952. 58.8 T223.
Housing and slaughtering equipment.

78602 PETERSEN, W. E. Dairy cattle thrive in loose housing. Minn. Farm & Home Sci. [Minn. Sta.] 9(3):9,13. May 1952. 100 M668

78603 POWELL, C. Don't overlook pole-frame construction. Turkey World 28(7):16-17,62-63. July 1952. 47.38 T84
Turkey housing.

78604 RICHTER, F. Jungviehhaltung im kaltstall. Landbforsch. Völkenrode 1:38-41. Oct.1951. 18 L2353
Germany.

78605 RYDÅ, K. Cattle raising and buildings. (In Swedish.) Mjölkpropagandan 29:106. Apr.1952. 44.8 M692

78606 SCHRÖDER-STRANZ, H. Nachteile und vorteile des "deutschen tieflaufstalls." Tech. f. Bauern. u. Gärt. Ausg. A 4:229-230. May 25,1952. 58.8 T223

78607 SNELL, N. No need for a super system. Farmer & Stock-Breeder 66(3269):52-53. June 17,1952. 10 F228
Swine housing.

78608 SOUTAR, D. S. The housing of pigs. Yorkshire Agr. Soc. J. 103:18-31. 1952. 10 Y7

78609 STANDHARTINGER, M. Lässt sich ein enger gewölbestall verbessern? Bauer 5(5):9. Feb.2,1952. 19 B32
Austria.

78610 STOTHART, J. G. The housing of swine. Canad. Soc. Anim. Prod. Proc. 1951:1-10. 49.9 Ea72

78611 STRENGE, F. A. Replacing an old barn. Hoard's Dairyman 97:574-575. July 10,1952. 44.8 H65

78612 TOWNSEND, F. L. Dairy cattle housing from a farm management standpoint. Canad. Soc. Anim. Prod. Proc. 1951:14-16. 49.9 Ea72

78613 WAPLINGER, A. Kaninchenstall—einmal anders. Österr. Kleintierzüchter 11/12:87-89. June 1952. 49 Os7

Farmhouses and Farmsteads

78614 BIANCHI, L. Houses for peasants. (In Italian.) Gior. di Agr. 62:199-200. June 29,1952. 16 It1G
Designs for Italy.

78615 DEAN, W. T. Improving farm family housing through research. (Abs.) Assoc. South. Agr. Workers. Proc. 49:92-93. 1952. 4 C82

78616 FOX, C. P. 100 years old but better than ever. Successful Farming 50(7):36-37,56,58. July 1952. 6 Su12
Remodeled farm house.

78617 GORDON, P. E., and WARRICK, W. W. Result housing demonstrations in North Carolina operation techniques. (Abs.) Assoc. South. Agr. Workers. Proc. 49:94. 1952. 4 C82

78618 KOLL, F. Planvolles wohnhausaufstocken. Bauer 5(6):4-6. Feb.9,1952. 19 B32
Austria.

78619 MONTGOMERY, C. Remodeling their farm home made possible more light and living. Business Farming 11(4):5-7. May 1952. 6 B96

Greenhouses and Plant Service Buildings

78620 CHASE, J. L. H. Taller cloches. Mr. Chase's Cloche Gard. Notes 11:87-89. June 1952. 80 M69

78621 CIROTZKI, R. Die ölfeuerung im gartenbau. I-II. Tech. f. Bauern u. Gärt. Ausg. G 4:177-178,201-202. Apr.25-May 10,1952. 58.8 T223G

78622 COFFIN, F. S. Capacity production in the small greenhouse. Pop. Gard. [Albany] 3(7):18-19,46-47. July 1952. 80 P812

78623 DILLON, G. W. On measuring light intensity. Amer. Orchid Soc. B. 21:400-402. May 1952. 80 Am329

78624 EVSEV'EV, K. M. Ground-bed greenhouse of Krasnyĭ Put' Collective Farm. (In Russian.) Sad i Ogorod 12:44-47. Dec.1951. 80 Sa13

78625 GUÐMUNDSSON, G. Soil heating cable; electricity for hotbeds. (In Icelandic.) Freyr 47:160-162. May 1952. 11 F89

78626 MINIFIE, C. Mushroom houses. 2. MGA Bulletin 30:175-176. June 1952. 80 M97

78627 MUIJZENBERG, W. B. VAN DEN. El invernadero como medio de cultivo. Agrario 18,i.e.17(433):4-6, 24. 1952. 9.3 Ag85

78628 PARKER, R. We learn each time we build. Orchid Digest 16:117-119. May/June 1952. 80 Or172
Lath house.

Storage Structures

78629 ANDERSEN, E., and FILT, A. Ensiling without silo. (In Danish.) Dansk Landbr. 71:278-279. June 12,1952. 280.28 V91

78630 ANGERER, W. Holzsilo—ja oder nein? Kärntner Bauer 102:336-337. May 31,1952. 19 K14

78631 COLE, W. A good potato storage from an old barn. Ontario Crop Impr. Assoc. Addresses & Proc. 15: 156-157. 1952. 64.9 On83

78632 COOPER, L. L. How to make cupboard storage devices. N. Y. Agr. Col. Cornell Ext. B. 859,27 p. June 1952. 275.29 N48E

78633 CRAWFORD, P. A., JR. Storage of grain and seed on the farm in Georgia. (Abs.) Assoc. South. Agr. Workers. Proc. 49:29. 1952. 4 C82
Storage structures.

78634 CROUSE, E. F. Farm storage structures. (Abs.) Assoc. South. Agr. Workers. Proc. 49:35. 1952. 4 C82

78635 CUSHMAN, C. G. Trench and box-type silos. Clemson Agr. Col. S. C. Ext. C. 375,22 p. June 1952. 275.29 So8E

78636 FRANKLIN, E. W. Your storage can be modern. Ontario Crop Impr. Assoc. Addresses & Proc. 15:158-165. 1952. 64.9 On83
For potatoes.

78637 KLEIMANN. Arbeitserleichterung bei der heuwerbung. Deut. Landwirt.-Gesell. Mitt. 67:387-388. May 24,1952. 18 N39
Describes construction of a hay press.

78638 KRISTJÁNSSON, S. Why silage towers. (In Icelandic.) Freyr 47:159-160. May 1952. 11 F89

78639 LINDQVIST, T. W. Suitable storage buildings. (In Swedish.) Lantmannen 36:461-462. June 7,1952. 11 L234
Cold air storage of root crops and potatoes.

78640 MAYER, I. D. How to build a 4-bin granary. Business Farming 11(4):10-11. May 1952. 6 B96

78641 MERCIER, E. Le silo-fosse est-il pratique? B. des Agr. 34,i.e.48(4):67-68,82. Apr.1952. 7 B872

78642 NORINGBAUER, G. Die rundschablonen-sparbauweise beim bau von gülle-anlagen. Osterr. Landtech. 5:37-40. Feb.1952. 58.8 L236

78643 RICKARD, J. A. A silo is like a bank account; livestock men use ingenuity to save feed for lean years. Humble Farm Family 8(11):6-7. Apr.1952. 6 F233
Types of silos.

78644 VAN VLACK, C. H. How to repair old silos. Hoard's Dairyman 97:541. June 25,1952. 44.8 H65

78645 VAN VLACK, C. H. Lining an old trench silo. Hoard's Dairyman 97:547. June 25,1952. 44.8 H65

78646 VILLANO, M., JUGO, M., and LAFORTEZA, A. Grain elevators. Philippine Agr. Engin. J. 3:29-39. First Q.1952. 58.8 Ag88

Walls and Fences

78647 BEATTIE, W. A. The management of cattle stations. VII. The cattle crush. Past. Rev. 62:473-474. May 16,1952. 23 Au75

78648 DUNN, W. H. Safety tips on fencing. Harness Horse 17:2712,2714. June 25,1952. 42.8 H22
On horse ranches.

78649 EVERETT, A. C. Fencing demonstrations with veteran trainees. (Abs.) Assoc. South. Agr. Workers. Proc. 49:23-24. 1952. 4 C82
Fence construction.

78650 JAGER. Elektrozaun-geräte auf dem prüfstand Landbforsch. Völkenrode 2:40-41. Apr.1952. 18 L2353

78651 KENNEDY, W. O. The farm fence. Shorthorn News [Waterloo] 13(2):10-12. June 1952. 43.8 Sh85

78652 LE ROI, D. Electric fencing is a profitable side line for dealers. Agr. Mach. J. 6(5):44,46. May 1952. 58.8 Ag86

78653 RADEL, L. H., and CONNOR, B. R. Concrete fence posts. Tasmanian J. Agr. 23:117-127. May 1952. 23 T182T

78654 ROBERT, J. Le clôtures. Forêt 5:142-147. May 1952. 99.8 F7683

78655 SUNSET MAGAZINE. How to build walls, walks, patio floors. Menlo Park,Calif.,Lane,1952. 96 p. 97.5 Su7H

FARM UTILITIES

Electricity and Electrification

78656 ALEXANDER, G. R. Committee report on suggestions for agricultural engineering research and educational activities in rural electrification. (Abs.) Assoc. South. Agr. Workers. Proc. 49:25. 1952. 4 C82

78657 ALTMAN, L. B.,JR. PHILSON, K., and BURESH, E. J. Demand and diversity of use of electricity on 16 farms in the eastern livestock area of Iowa. Iowa. Agr. Expt. Sta. Res. B. 387:683-745. May 1952. 100 Io9

78658 BOOKER, S. H. Individual customer contracts. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 43. 1952. 4 C82
Electric service.

78659 CROSNIER. L'electrification de l'Algérie et les emplois agricoles du courant. Elevage et Cult. 4(41): 22-23. May 1952. 24 EL2

78660 FAUVART, M. L'utilisation de l'energie électrique et la culture du tabac dans le Departement du Loir-et-Cher. Rev. Internatl. des Tabacs 27:79-80. Apr.1952. 69.8 R324

78661 FEDELE, F. Modern wind motors for the electrification of farms. (In Italian.) Agricoltura 1(5): 28-30. May 1952. 16 Ag8226

78662 GIMENEZ VALIENTE, I. Electricidad en el campo. Chacra 22(260):54,65. July 1952. 9 C34

78663 LUSCOMBE, T. R. The country has first claim on electricity; electric power for the farmer can mould Australia's destiny. Rur. Life, Apr.1952:5. 282.28. R884

78664 MCCORMICK, C. J. Power and the challenge. Washington,U. S. D. A.,Off. Sec.,1952. 9 p. 1.91 A2M132
Talk at REA Field Conference, Old Point Comfort, Va., June 11, 1952.
Rural electrification.

78665 MACHATA, F. Brandschaden durch elektrische anlagen! Bauer 5(5):14-15. Feb.2,1952. 19 B32

78666 PETTIS, A. M. Electricity on Florida farms. Fla. Grower 60(7):33. July 1952. 80 F6622

78667 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Electric farming and the wired hand, by R. Shepperd and B. Crom. Washington,1952. 3 p. 1.914 R2R11

78668 U. S. RURAL ELECTRIFICATION ADMIN. Electric farming campaign: what it is all about. Washington,1952. 2 p. 1.933 EL243

78669 WALKER, W. R. Large scale electrical demonstrations. (Abs.) Assoc. South. Agr. Workers. Proc. 49:43-44. 1952. 4 C82

78670 WIEGAND, H. Uber wesen und wirkungsweise von transformatoren. Landmasch.-Markt 31:200,202. Apr.5,1952. 58.8 L239

78671 WILLIAMSON, L. J., and COUSENS, D. W. Safe home wiring and electric cords. N. Y. Agr. Col. Cornell Ext. B. 857,18 p. May 1952. 275.29 N48E

Heating, Lighting, and Radiation

78672 REAVES, C. A., and STEWART, R. E. Some tests of jacketed space heaters for heating small farm dwellings. Mo. Agr. Expt. Sta. Res. B. 486,40 p. Ref. Nov.1951. 100 M693

78673 SINGER, G. C. Heat lamp safety drive. Farm Safety Rev. 10(4):6-7. July/Aug.1952. 449.8 F22

78674 SMITH, M. Home lighting in better housing. (Abs.) Assoc. South. Agr. Workers. Proc. 49:93-94. 1952. 4 C82

78675 STAUSS, W. Biogas schafft wärme und energie, entwicklung und stand der biogaserzeugung in landwirtschaftlichen betrieben. Landtechnik 7:360-366. June 30,1952. 58.8 L235

78676 VAN HORN, G. Plastics come to the farm. New Eng. Homestead 125(12):6. June 28,1952. 6 N442
Plastic pipe for radiant heating.

Power Plants, Motors and Engines on the Farm

78677 BRENNER. Mit zapfwellen-antrieb. Landbforsch. Völkenrode 1:42-43. Oct.1951. 18 L2353

78678 JONES, F. R. Farm gas engines and tractors. Ed. 3. New York,McGraw-Hill,1952. 489 p. Ref. 58 J71

78679 KIND, W. Elektromotoren in der landwirtschaft. Landmasch.-Markt 31:170,172. Mar.22,1952. 58.8 L239

78680 LUTHER, H. Dieselkraftstoff, das problem unserer tage. Deut. Agrartech. 2:42-46. Feb.1952. 58.8 D482

78681 PARKINSON, J. The why and how of efficient engine filtration. I. Canad. Farm Impl. 48(5):20-22,24. May 1952. 58.8 C163

78682 ROSENBERG, G. Methane production from farm wastes as a source of tractor fuel. Soil Assoc. Inform. B. & Adv. Serv. 50:1-10. Apr.1952. 56.9 So34I

78683 SCHWAN. Elektromechanischer dreschantrieb. Traktor 3:122. May 1952. 58.8 T677

78684 SEIFERT, A. Eine streitfrage wissenschaftlich geklärt. Landtechnik 7:371-374. June 30,1952. 58.8 L235
Lubrication of Diesel engines.

78685 SELIVANOV, A. I. Dizel'naîa toplivnaîa apparatura; ustroĭstvo, tekhnicheskoe obsluzhivanie, remont [Diesel fuel gear; construction, technical servicing and repair]. Moskva,Gos. Izd-vo Selkhoz Lit-ry,1951. 451 p. 291 Se4

78686 SMITH, C. W., YUNG, F. D., and HURLBUT, L. W. Petter AV2 Diesel engine. Nebr. Agr. Expt. Sta. Nebr. Engine Test 2,2 p. 1951. 58.9 N272

78687 SMITH, C. W., YUNG, F. D., and HURLBUT, L. W. Petter AVA2 Diesel engine. Nebr. Agr. Expt. Sta. Nebr. Engine Test 1,2 p. 1951. 58.9 N272

78688 STEPHENS, M. V., and DUMAS, W. T. Comparative tests of engine performance with gasoline and LP-gas. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 33-34. 1952. 4 C82
Used in internal combustion engine.

Sewage and Waste Disposal

78689 BATES, D. W., and RYAN, D. M. Are you having trouble with your septic tank? Hoard's Dairyman 97:610-611. July 25,1952. 44.8 H65

78690 STEPHENSON, B. L. Rural sewerage. Roy. Sanit. Inst. J. 72:312-321. July 1952. 449.9 R812
Includes discussion.

Water Supply

78691 CAIATI, G. Water in rural centers. (In Italian.) Agricoltura 1(5):15-16. May 1952. 16 Ag8226
Italy.

78692 FERREYRA, L. G. Obras sanitarias en la vivienda rural. Chacra 22(260):61. July 1952. 9 C34

78693 IVANOV, A. A. A machine for digging shaft wells [for livestock watering]. (In Russian.) Sotsialist. Zhivotnovod. 14(1):77-80. Jan.1952. 49 So71

78694 MANUELL, F. Sealing a galvanised tank. Austral. Dairy Rev. 20(6):16,28. June 2,1952. 44.8 Au73
Water tanks.

78695 STEYN, O. P. J. Importance of reservoirs at windmills. Farming So. Africa 27:234,242. Apr.1952. 24 So842

AGRICULTURAL PRODUCTS: PROCESSING, DISTRIBUTION, AND STATISTICS

GENERAL

78696 BRENIER, H. Le Japon risque-t-il de mourir de faim? Acad. des Sci. Colon. Compt. Rend. 11:517-536 Dec.7/21,1951. 505 Ac1co

78697 BRETIGNIÈRE, L. Les productions agricoles de 1951: céréales, pommes de terre, oléagineux, cultures fourragères. Acad. d'Agr. de France. Compt. Rend. 39: 308-312. Apr.30/May 7,1952. 14 P215Bc

78698 CARRANZA, F. Enfoque de algunos puntos de vista generales de bromatologia. (Abs.) Rev. Bras. de Quim. (Cien. & Indus.) 33:227. Apr.1952. 385 R322

78699 CHATTERJEE, I. Is our country really deficit in food? A factual analysis of India's serious food situation. Calcutta,1951. 79 p. 389 C39

78700 EASTWOOD, C. G. The contribution of the Colonial Empire to world food supplies. Roy. Soc. Arts. J. 100:226-236. Feb.22,1952. 501 L847J

78701 GATENBY, W. W. Yorkshire crops in 1951. Yorkshire Agr. Soc. J. 103:42-52. 1952. 10 Y7

78702 HAMELEN, M. C. VAN. The food supply in West Germany. (In Dutch.) Landbouwwereldnieuws 7:326-327. May 24,1952. 12 L237

78703 KLATT, W. Comparability of food production and consumption in Europe. Econ. Internaz. 5:406-428. May 1952. 280.8 Ec728

78704 LINDNER, M. W. Die lebensmittelwissenschaftlichen institute Gross-Berlins. Chem.-Ztg. 76: 366-371. June 5,1952. 384 C427

78705 MCLANE, P. V. New Zealand in 1951. Foreign Trade 11:738-740. June 14,1952. 286.8 C162
Includes the situation for several agricultural products.

78706 ORWIN, C. S. World hunger. Gt. Brit. Min. Agr. Agriculture 59:51-54. May 1952. 10 C79J
Protein hunger and food production.

78707 PATTI, P. Vuelven los fantasmas de los ersatz para ocupar el lugar de los productos naturales. Mundo Agr. 4(37):30-32. June 1952. 9 M92
Synthetic food.

78708 POZZO ARDIZZI, L. El problema mundial de la alimentación y la F. A. O. Pampa Argentina 25(291): 3,29. Mar.1952. 9 P19

78709 PYKE, M. Townsman's food. London,Turnstile Press,1952. 212 p. 389 P99

78710 RESEARCH AND DEVELOPMENT ASSOCIATES. FOOD AND CONTAINER INSTITUTE. Food and container problems of the Armed Forces. 4th rev. Chicago,1952. 73 p. 389.9 R3I3

78711 ROEMER, T. Wird die lehre von Robert Malthus (1798-1805) in der 2. hälfte des 20. jahrhunderts doch noch wirklichkeit? Brot u. Gebäck 5:162-166. Nov.1951. 298.8 G33

78712 ROSENBAUM, E. Umsatzwert 13 milliarden DM jährlich; die volkswirtschaftlichen funktionen der ernährungsindustrie. Übersicht 3(5):11-13. May 1952. 18 Ub3
Germany.

78713 SHAW, B. T. The job ahead for agriculture. Ext. Serv. Rev. 23:84,87. May 1952. 1 Ex892Ex
The food supply problem and our growing population.

78714 SINEATH, H. H., and DAUGHERTY, P. M. Industrial needs for raw materials of plant origin. Res. Engin. 5:5-6,21. Mar.1952. 470 R312

78715 THOMAS' wholesale grocery and kindred trades register, 54, 1952. New York,1952. 1856 p. 225 T36W

78716 U. S. FEDERAL CIVIL DEFENSE ADMINISTRATION. Food supplies for civil defense emergency feeding. Washington,1951. 8 p. (Its Advisory Bulletin 78) 173.4 F31F

78717 WALTON, K. Climate and famines in North East Scotland. Scot. Geog. Mag. 68:13-21. Ref. Apr. 1952. 472 Sco8

ANALYSIS AND COMPOSITION

78718 BRADLEY, R. A., and TERRY, M. E. Rank analysis of incomplete block designs. I. Va. Agr. Expt. Sta. Statis. Methods Sensory Difference Tests Food Quality. Bi-annu. Rpt. 2,App.A,11 p. June 1951. 389.9 V81

Tables: Rpt. 2,App.C,x p.; Rpt. 3,App.C,XI-XV p. June-Dec.1951. 389.9 V81

78719 BRÜGGEMANN, J., KRAUSS, W., and TIEWS, J. Zur methodik der chemischen vitamin A- und D-bestimmung mit elektrophilen metallhalogeniden. I. Z. f. Anal. Chem. 135:241-250. Ref. 1952. 384 Z3

78720 COLOBRARO, V., and SANAHUJA, J. C. El método de Kjeldahl-Ronchese-Colobraro (su valor analítico). An.de Bromatología 4:51-56. 1952. 389.8 An1
English summary.

78721 DEATHERAGE, F. E., and GARNATZ, G. A comparative study of tenderness determination by sensory panel and by shear strength measurements. Food Technol. 6:260-262. July 1952. 389.8 F7398

78722 FERRARI, P. V. On the concept of oxidation and on the method proposed for chemical analysis of ethanol. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 59,4 p. 1951. 105.4 R66

78723 GRAHAM, W. D. Flavor chemistry demands unusual skills. Food Canada 12(7):18,20. July 1952. 389.8 F7323
Food.

78724 GSTIRNER, F. Chemisch-physikalische vitaminbestimmungsmethoden für das chemische, physiologische und klinische laboratorium. Ed. 4, rev. Stuttgart, Enke,1951. 267 p. 386.2 G922

78725 HARRIS, J. C., and SHORT, F. R. Detection of commercial dodecylbenzene sodium sulfonate in canned foods. Food Technol. 6:275-278. July 1952. 389.8 F7398

78726 HARSHBARGER, B., and DAVIS, L. L. Latinized rectangular lattices. Va. Agr. Expt. Sta. Statis. Methods Sensory Difference Tests Food Quality. Bi-annu. Rpt.3,App.B,19 p. Dec.1951. 389.9 V81

78727 HAUSS, J. L. DE. Examen des produits alimentaires par la colorimétrie photo-électrique. Meun. Franc 69:31-33. May 1952. 298.8 M57

78728 HEINRICH, H. C. Eine einfache methode zur colorimetrischen bestimmung der B_{12}-vitamine. I. Z. f. Anal. Chem. 135:251-258. 1952. 384 Z3

78729 HÜNI, K. Verbesserungsmöglichkeiten bei der bestimmung der rohfaser. Mitt. aus dem Geb. der Lebensmitteluntersuch. u. Hyg. 43:117-118. 1952. 389.9 Sw6

78730 KIERMEIER, F. Lebensmittel als ionenaustauscher. I. Z. f. Lebensmtl.-Untersuch. u. -Forsch. 94: 221-227. Apr.1952. 384 Z39

78731 KOETSVELD, E. E. VAN, and ONRUST, H. An observation on the conversion possibilities of vitamin K_3 in food preparations. (In Dutch.) Chem. Weekbl. 48: 22-24. Ref. Jan.12,1952. 385 C42

78732 LOMBARDI, G J. The sequential selection of judges for organoleptic testing. Va. Agr. Expt. Sta. Statis. Methods Sensory Difference Tests Food Quality. Bi-annu. Rpt.2,App.F,38 p. June 1951. 389.9 V81

78733 LOPEZ CAPONT, F., and ALVES IGLESIAS, J. Determinación de cloruros en conservas. An.de Bromatología 4:5-12. Ref. 1952. 389.8 An1
English summary.

78734 MEYER, K. H. Starch degradation by amylases. Brewers Digest 27(6):41-46. June 1952. 390.8 B75

78735 OZAKI, J. Shokuhin kagaku [Food chemistry]. Tokyo,Daiichi Shuppan Kabushiri Gaisha,1951. 128 p. 389 Oz1S

78736 TERRY, M. E., BRADLEY, R. A., and DAVIS, L. L. New designs and techniques for organoleptic testing. Food Technol. 6:250-254. Ref. July 1952. 389.8 F7398

78737 TERRY, M. F., and BRADLEY, R. A. New designs and techniques for tests of quality. Va.Agr. Expt. Sta. Statis. Methods Sensory Difference Tests Food Quality. Bi-annu. Rpt.2,App.B,10 p. June 1951. 389.9 V81

78738 TERRY, M. E. Some rank order tests which are most powerful against specific parametric alternatives. Va. Agr. Expt. Sta. Statis. Methods Sensory Difference Tests Food Quality. Bi-annu. Rpt. 3,App.A, 67 p. Ref. Dec.1951. 389.9 V81

78739 THIES, H., SOUCI, S. W., and KALLINICH, G. Beiträge zur colorimetrischen bestimmung von ketohexosen. Z. f. Lebensmtl.-Untersuch. u. -Forsch. 94: 240-245. Apr.1952. 384 Z39

78740 VIRGINIA. AGRICULTURAL EXPERIMENT STATION, BLACKSBURG. Statistical methods for sensory difference tests of food quality; bi-annual reports No. 2-3, by R. A. Bradley and M. E. Terry. Blacksburg,1951. 2 v. 389.9 V81

78741 WURZSCHMIDT, B. Die mikro-C-H-bestimmung ohne bleisuperoxyd. Mitt. aus dem Geb. der Lebensmitteluntersuch. u. Hyg. 43:126-129. 1952. 389.9 Sw6

CONSUMPTION AND UTILIZATION

78742 BENSON, H. K. Chemurgy of the West. Chemurg. Digest 11(7):6-8. July 1952. 381 N213Na

78743 HARVEY, G. R. Throw it away—but where? Hoosier Farmer 37(6):38-39. June 1952. 280.82 H76
Utilization of agricultural wastes.

78744 KROHN, H. B. Sprechende zahlen; die entwicklung des nahrungsmittelverbrauchs im Bundesgebiet. Übersicht 3(5):14-16. May 1952. 18 Ub3

78745 MACLEOD, F., and others. Implications of the southern farm family food consumption study. (Abs.) Assoc. South. Agr. Workers. Proc. 49:98. 1952. 4 C82
J. Cameron, A. Moser, D. Moschette, and M. B. Badenhop, joint authors.
Panel discussion; D. Dickins, leader.

78746 TABB, C. B. The place of agricultural residues in paper making today. (Abs.) Chem. & Indus. 26: 593. June 28,1952. 382 M31C

DISTRIBUTION, MARKETING, AND TRANSPORTATION

78747 ABSHIER, G. S. A new extension marketing program—North Carolina. (Abs.) Assoc. South. Agr. Workers. Proc. 49:129. 1952. 4 C82

78748 BOHLEN, J. M. It pays to advertise cooperatively. News Farmer Coop. 19(4):3,12. July 1952. 166.2 N47

78749 CAMARA, N. V. DA. Supply and prices policy planning. (In Portuguese.) Divulg. Coop. 30:2-4. Apr.1952. 280.28 R47
Brazil.

78750 CARD, D. G. Effective use of time and motion studies in marketing research. (Abs.) Assoc. South. Agr. Workers. Proc. 49:123-124. 1952. 4 C82

78751 ELEMA, H. M. Observations on the first Agricultural, Dairy and Horticultural Exchange at Utrecht. (In Dutch.) Alg. Agr. Arch. 10:3663-3666. June 2,1952. 12 AL33

78752 HASSELBACH, W. VON. Marktordnung als selbsthilfe. Übersicht 3(5):5-10. May 1952. 18 Ub3
Germany.

78753 JOUANEN, M. Le transport des denrées périssables. Indus. Agr. et Aliment. 68:257-260. May/June 1951. 383 As7
English summary.

78754 KHAN, M. A. Co-operative marketing. Karachi Com. 4(66):5-6. May 10,1952. 280.8 K14

78755 LANDBOUW-ECONOMISCH INSTITUUT. De markt- en prijspolitiek in de westduitse landbouw [Market and price policy in West German agriculture]. Landb.-Econ. Inst. Nota 82,64 p. Nov.1951. 281.9 L23N

78756 LARSON, A. L. Looking ahead at future marketing investigations. (Abs.) Assoc. South. Agr. Workers. Proc. 49:122. 1952. 4 C82

78757 LUDWIG, P. Les possibilités d'une unification des marchés agricoles en Europe. Soc. Belge d'Etudes et d'Expansion. B. 51:359-362. Mar./Apr.1952. 280.8 So17

78758 MAIBERGER, V. Werbung und reklame für agrarprodukte. Landwirt. Z. der Nord-Rheinprov. 119: 592. June 7,1952. 18 L2344

78759 MIGNOTTE, F. Transports, problème nº 1 de l'agriculture. Agriculture [Paris] 16:129-131. May 1952. 14 Ag823
France.

78760 MIXON, J. A. Wholesaling frozen foods. Mktg. Activ. 15(5):15-16. May 1952. 1.942 A8M34

78761 PAGE, J. A month-by-month analysis of frozen food retail sales. Quick Frozen Foods 14(12):43-44,124. July 1952. 389.8 Q4

78762 ROBERTS, J. B. Changes in the structure of agricultural markets in the South. (Abs.) Assoc. South. Agr. Workers. Proc. 49:121-122. 1952. 4 C82

78763 SHEPHARD, E. Worst type of food distribution anarchy. Grocer 173(4710):32,34. June 14,1952. 286.83 G895
Great Britain.

78764 SHEPHERD, G. Countervailing power versus the open market. Farm Policy Forum 5(17,i.e.7):21-25. July 1952. 281.8 F2274

78765 U. S. CONGRESS. SENATE. COMMITTEE ON INTERSTATE AND FOREIGN COMMERCE. Domestic land and water transportation. Hearings, 82d Cong., 2d sess. on bills relative to domestic land and water transportation, March 3 to April 9, 1952. Washington,1952. 1712 p.
Contains statements and testimony relating to transportation of agricultural products.

78766 VAN DER MERWE, D. P. P. A market system must improve. (In Afrikaans.) Landbouweekblad 34(1713):18-19. May 14,1952. 24 L232

78767 VULKER, H. Diplomlandwirte als marktwirtschaftsberater. Diplomlandwirt 2:64-66. June 1952. 18 D62
Germany.

78768 WILLIS, P. S. Changing pattern of food distribution. Ice Cream Rev. 35(11):138,140-144. June 1952. 389.8 Ic22

GRADING, INSPECTION, STANDARDIZATION, AND QUALITY

78769 ANDERSON, A. R. Scale inspection. Mont. Wool Grower 26(7):11. July 1952. 45.8 M762

78770 CHRISTOPHER, T. W. The attitude of the Supreme Court toward the Food and Drug Administration. Food Drug Cosmetic Law J. 7:365-372. June 1952. 389.58 F732

78771 CLOSE, W. L. Operating the Shipping Point Inspection Service. Oreg. Dept. Agr. Agr. B. 174:5-7. June 1952. 2 Or3

78772 FISHER, H. J. The 55th report on food products and the 43rd report on drug products, 1950. Conn. (State) Agr. Expt. Sta. B. 558,78 p. May 1952. 100 C76St

78773 JOBSON, A. Bygones in weights and scales. Country Life [London] 111:1813. June 13,1952. 80 C83

78774 KAUFMANN, G. G., SBOROV, V. M., and HAVENS, W. P., JR. Outbreak of infectious hepatitis, presumably food-borne. Amer. Med. Assoc. J. 149(11): 993-995. July 12,1952. 448.9 Am3J

78775 KLINGER, T. G. The role of the United States Attorney in Food and Drug Law enforcement. Food Drug Cosmetic Law J. 7:357-364. June 1952. 389.58 F732

78776 NEWTON, R. C. Chemicals in food. Calif. Grocers Advocate 57(24):10-11,14-15. June 13,1952. 286.28 C12

78777 NOLAND, J. P., JR. Section 302 (a) of the Federal Food, Drug, and Cosmetic Act: restitution reexamined. Food Drug Cosmetic Law J. 7:373-400. June 1952. 389.58 F732

78778 PATRON, A. La "reáction de Maillard" et le brunissement non-enzymatique dans les industries alimentaires. Indus. Agr. et Aliment. 68:251-256. Ref. May/June 1951. 383 As7
English summary.

78779 POPPOFF, I. G., MORRISON, G. W., and HOLDEN, F. R. Radiological contamination of food. Food Technol. 6:278-280. July 1952. 389.8 F7398

78780 PRICE-DAVIES, W., and others. Bacteriological standards for perishable foods. (a)-(d). Roy. Sanit. Inst. J. 72:391-423. Ref. July 1952. 449.9 R812
(a), U.S.A., by W. Price-Davies; (b), Manufactured meats, by C. L. Heller; (c), Milk and dairy products, by A. Rowlands; (d), Eggs and egg products, by M. Ingram and J. Brooks.
Includes discussion.

78781 ROBINSON, R. A. Consolidation of food law. Brit. Food J. 54:51-52. June 1952. 389.8 B77

78782 ST JOHN, J. L. Food protection. Natl. Acad. Sci. News Rpt. 2:33-35. May/June 1952. 330.9 N21Ne
Chemicals in foods.

78783 U. S. CONGRESS. HOUSE. SELECT COMMITTEE TO INVESTIGATE THE USE OF CHEMICALS IN FOODS AND COSMETICS. Chemicals in foods and cosmetics. Hearings, 81st Cong., and 82d Cong., pursuant to H. Res. 323, 81st Cong., and H. Res. 74 and H. Res. 447, 82d Cong.; pt. 4, cumulative list of witnesses and index. Washington,1952. p.1805-1867.

78784 U. S. CONGRESS. HOUSE. SELECT COMMITTEE TO INVESTIGATE THE USE OF CHEMICALS IN FOODS AND COSMETICS. Investigation of the use of chemicals in foods and cosmetics. 82d Cong., 2d sess. H. Rpt. 2182. Washington,1952. 15 p.

78785 WHITE, W. B. What is a Federal Food and Drug chemist? Food Drug Cosmetic Law J. 7:401-405. June 1952. 389.58 F732

78786 WILSON, J. M. Supervising an SPI district. Oreg. Dept. Agr. Agr. B. 174:15-16. June 1952. 2 Or3
Shipping point inspection.

PACKING AND PACKAGING

78787 HAMEL, K. A. Glass—the sales package. South. Food Processor 13(5-A):40-44. May 31,1952. 389.8 So82

78788 LABBEE, M., ESSELEN, W. B., JR., and FELLERS, C. R. Home-canning jars for freezing. Mass. Agr. Expt. Sta. B. 465,27 p. Ref. June 1952. 100 M38H

78789 LANDROCK, A. H., and PROCTOR, B. E. Gas permeability of films; a new method of permitting the simultaneous measurement of O_2 and CO_2 transmission. Mod. Packaging 25(10):131-135,199-201. Ref. June 1952. 309.8 M72
Food packaging.

78790 LOCHRIE, H. F. Packaging for the self-service market of tomorrow. Amer. Mangt. Assoc. Packaging Ser. 39:21-28. 1952. 280.38 Am3
Food.

78791 POWERS, J. J., PRATT, D. E., and NORRIS, W. Comparative heating rates of bentonite suspensions in jars processed in boiling water and in steam at atmospheric pressure. Food Technol. 6:246-250. Ref. July 1952. 389.8 F7398

78792 RABAK, W. Are your frozen food containers ideal? West. Canner & Packer 44(8,i.e.7):30-31. July 1952. 286.83 W522

78793 SPRAGUE, C. F. What to consider when you choose a glass container. Canner 115:14-15. July 5, 1952. 286.83 C16

78794 ZHADAN, V., and BOBRAKOV, B. Investigation of new method of testing airtightness of containers. (In Russian.) Miàsnaià Indus. SSSR. 22(5):78-84. Sept./Oct.1951. 50.8 M58

PRICES, PRICE CONTROL, AND RATIONING

78795 BAGGE, F. Farm prices 1950-51. (In Swedish.) Svensk Jordbrforsk. 1951:332-343. 11 J763

78796 BIEBERITZ, E. Preisentwicklung und verbraucher. Verbraucher 6:285-287. June 21,1952. 280.28 K833
Germany.

78797 CANADA. BUR. OF STATISTICS. LABOUR AND PRICES DIV. PRICES SECT. The Dominion Bureau of Statistics cost-of-living index (An explanatory statement incorporating all revisions made to January 2, 1951) Ottawa,1951. 10 p. 284.4 C1634
Includes food prices.

78798 COSENTINO, S. 1951 prices at the merchandise exchange. (In Italian.) Cam. di Com. Indus. e Agr. Bari. B. Settimanale dei Prezzi alla Borsa Merci 4:2. Jan.2,1952. 287 B232B

78799 GOUVEA, S. DE. The increase in prices and the problem of transportation. (In Portuguese.) Granja [Porto Alegre] 8(59):6-8. Feb.1952. 9.2 G76
Brazil.

78800 HANAU, A. Stabilisierung als aufgabe. Agrarwirtschaft 1:129-130. June 1952. 281.8 Ag826
Prices.

78801 HOUGH, J. A. Research series. 39. Price changes 1938-1951. Co-op. Rev. 26:124-125. June 1952. 280.28 C7823
Includes food prices in Great Britain.

78802 KRAVIS, I. B., and WILLIAMS, F. M. Food-purchasing power of earnings in 12 countries, 1951-52. U. S. Bur. Labor Statis. Mon. Labor Rev. 74:658-661. June 1952. 158.6 B87M

78803 MULLER, L. Die geänderte stützungspolitik für lebensmittelrohstoffe. Landwirtschaft 11/14:177-179. June/July 1952. 19 L235
Prices in Austria.

78804 MYERS, W. I. The farmer and consumer interest. Calif. Citrog. 37:354,366,368-369. July 1952. 80 C125
Prices.

78805 NORWAY. LANDBRUKETS PRISCENTRAL. Landbrukets priser. Agricultural prices in 1951. Oslo, 1952. 116 p. 284.29 N83A
Table of contents also in English.

78806 SCHENCK, H. E. Government control—our great hazard. Hoosier Farmer 37(7):4-5. July 1952. 280.82 H76
Price supports.

78807 SCHRADER, F. M. Marketing margins for Canadian agricultural products, 1935-1951. Econ. Annal. 22:53-55. June 1952. 281.8 Ec72

78808 THATCHER, M. W. Farm prices are made in Washington. Co-op Grain Q. 10(2):3-6. Summer 1952. 280.28 C7898

78809 U. S. BUR. OF AGRICULTURAL ECONOMICS. Prices received by farmers: base data, effective parity prices, and other legal minimum prices for ceiling purposes under Defense Production Act, as amended, and average prices, United States, May 15,1952. U. S. Bur. Agr. Econ. Agr. Prices (sup.1):31-35. May 1952. 1.942 A8M58

78810 U. S. CONGRESS. HOUSE. COMMITTEE ON BANKING AND CURRENCY. Defense Production Act amendments of 1951. Hearings, 82d Cong., 1st sess., on S. 2170, an act to amend the Defense Production Act of 1950 as amended; part 4, October 9 and 10, 1951. Washington, 1951. p.2183-2276.
Includes price control of agricultural commodities.

78811 U. S. CONGRESS. HOUSE. COMMITTEE ON EDUCATION AND LABOR. Consumers' price index. Hearings, 82d Cong., 1st sess. pursuant to H. Res. 73, a resolution authorizing the Committee on Education and Labor to conduct studies and investigations relating to matters within its jurisdiction. Hearings held at Washington, D. C., May 8, 9, 10, 11, 14, 15, 16, 17, 18, 21, 24, and June 29, 1951. 82d Cong., 2d sess., H. Doc. 404, 466 p. 1952.

78812 U. S. CONGRESS. SENATE. COMMITTEE ON AGRICULTURE AND FORESTRY. Farm price supports and production goals. Hearings, 82d Cong., 2d sess., on S. 450, a bill to encourage expanded production of needed agricultural commodities; S. 2115, a bill to continue the existing method of computing parity prices for basic agricultural commodities; and S. 2996, a bill to amend the Agricultural Act of 1949, and for other purposes, February 29, April 16, 17, and 18, 1952. Washington,1952. 281 p.

78813 U. S. PRODUCTION AND MARKETING ADMIN. CCC price support statistical handbook. Washington,1952. 72 p. 1.956 A2C7326

78814 U. S. PRODUCTION AND MARKETING ADMIN. Parity handbook. Washington,1952. 40 p. 1.956 P93P21

PROCESSING AND STORAGE

78815 AYLWARD, F. Lecithin in food processing. I. Food Mfr. 27:285-287. July 1952. 289.8 F736

78816 BALL, C. O. The U. S. canning industry from 1940 to 1950. III. Food Mfr. 27:273-279. Ref. July 1952. 389.8 F736

78817 FOLSOM, L. E., and WALLACE, B. A. Financial operations of Ohio farmer owned elevators during the fiscal year 1950-51. Ohio. State U. Dept. Agr. Econ. Mimeog. B. 233,19 p. 1951? 281.9 Oh32

78818 FRUTON, J. S. The biosynthesis of proteins. Wallerstein Lab. Commun. 15:133-146. Ref. June 1952. 390.9 W15

78819 GARVER, H. L. Freezers and walk-in coolers. (Abs.) Assoc. South. Agr. Workers. Proc. 49:41-42. 1952. 4 C82

78820 GILROY, P. E. Uses and prospects for aluminium. Food [London] 21:255-259. July 1952. 389.8 F738
In the food industry and in packaging.

78821 GRINDROD, J. Japan: a future rival in the Q.-F. industry? Quick-Freezing 5:150-151. June 1952. 295.8 Q4

78822 HARRINGTON, L. Food production constantly at whim of the weather; processing affected by climatic conditions. Food Canada 12(7):22,24,26. July 1952. 389.8 F7323

78823 HOPPE, J. L. The frozen food business of your community is yours. Locker Mangt. 6(7):16-18,50. July 1952. 389.8 L79

78824 KOMORO, T. Fukugyo no shin kikaku to gijutsu [New plans and technique of subsidiary farming]. Tokyo,Hakubun-sha,1951. 308 p. 309 K832
Processing.

78825 LARRAT, R. Les enseignements d'un congrés—Congrés du Froid Tropical, Marseille 1er, 2 et 3 octobre 1951. Rev. d'Elevage et de Méd. Vét. des Pays Trop. 5:73-80. Apr./June 1951/1952. 41.8 R3262

78826 LEA, C. H., and HAWKE, J. C. The stability of lipovitellin to freezing and drying. Biochem. J. 51: xxiii. June 1952. 382 B52

78827 LEGGETT, J. T. Construction of refrigerators and freezers. Fla. Engin. & Indus. Expt. Sta. B. 6(5),34 p. May 1952. 290.9 F66
Food preservation.

78828 LEIJNSE, B., OERLEMANS, A., and TERPSTRA, W. The influence of thiamine on fermentation. (In Dutch.) Chem. Weekbl. 48:116-117. Feb.23,1952. 385 C42
Alcoholic fermentation.

78829 KAINER, F. Kieselgur ihre gewinnung, veredlung und anwendung. Samml. Chem. u. Chem.-Tech. Vorträge (n.s.)32,rev.,283 p. 1951. 384 Sa4
Use in the processing of agricultural products.

78830 MCCRANEY, R. J. Trends in the design and layout of community food processing centers. (Abs.) Assoc. South. Agr. Workers. Proc. 49:120-121. 1952. 4 C82

78831 MARCUSE, R. On chemical preservation of garden and farm products. (In Swedish.) Svensk Jordbrforsk. 1951:236-244. 11 J763

78832 NAIR, J. H. We borrow progress from chemical and other fields. Food Engin. 24(7):55-56,129,131. July 1952. 389.8 F737

78833 NATIONAL CANNERS ASSOCIATION. Canners directory, 1951. Washington,1951. 248 p. 389.9 N214

78834 NEYMARK, M. Deepfreezing—a modern method of preservation for farm homes. (In Swedish.) Svensk Jordbrforsk. 1951:292-299. 11 J763

78835 NORTH CAROLINA. UNIVERSTIY. STATE COLLEGE OF AGRICULTURE AND ENGINEERING. EXTENSION SERV. If you want to live. N. C. Agr. Col. Ext. Folder 88,6 p. Apr.1952. 275.29 N811Ex
Frozen food.

78836 PROCTOR, B. E., and others. Biochemical prevention of flavor and chemical changes in foods and tissues sterilized by ionizing radiations. Food Technol. 6:237-242. Ref. July 1952. 389.8 F7398
S. A. Goldblith, C. J. Bates, and O. A. Hammerle, joint authors.

78837 RODGERS, P. D. The role of the engineer in food processing research. (Abs.) Assoc. South. Agr. Workers. Proc. 49:119-120. 1952. 4 C82

78838 SALLES, C. Le froid et les denrées périssables. Rev. Prat. du Froid 7(9):46-48. (Cont.) June 1952. 295.8 R323

78839 SCHLOBACH, E. Neueste technische entwicklung von hochleistungsmaschinen für die nahrungs- und genussmittel-industrie. Brot. u. Gebäck 5:169-176. Nov.1951. 298.8 G33

78840 SCOTT, J. W. Make your plant a frozen food centre; a review of the industry in Ontario. Locker Plants & Frosted Foods 7(2):12-14. May 1952. 389.8 L792

78841 WALTER, L. Applications of automatic control to food processing equipment. 2. Food Canada 12(7):11-12,14,16. July 1952. 389.8 F7323

78842 WIEGAND, E. H., and SCHWAB, J. Golden opportunity gates are open for graduates of food technology. West. Canner & Packer 44(6):91-92. May 25, 1952. 286.83 W522

STATISTICS

78843 COLLINS, H. Recognition of crop reporters. Kans. State Bd. Agr. Rpt. 81(308):95-100. June 1952. 2 K13Re

78844 DENMARK. STATISTISKE DEPT. Landbrugsstatistik 1950 herunder gartneri, skovbrug.M. V. L'agriculture 1950 y compris l'horticulture, la sylviculture etc. Danmarks Statis. Meddel (ser.4)148,447 p. 1952. 257.1 St2M
Table of contents and captions also in French.

78845 HOFFMAN, E. S. Australian rural production and exports. Austral. Bur. Agr. Econ. Q. Rev. Agr. Econ. 5:48-51. Apr.1952. 281.9 Au73
Statistics.

78846 ICELAND. HAGSTOFA. Búnaðarskýrslur árin 1949 og 1950. Agricultural statistics 1949 and 1950. Reykjavík,1952. 59 p. 257.12 H12
Table of contents and captions also in English.

78847 JAPAN. DEPT. OF AGRICULTURE AND FORESTRY. SECT. OF STATISTICS. 1950 world census of agriculture in Japan; interim report. Tokyo,1951. 81 p. 269.7 Ag87Ni

78848 NAIR, N. G. A note on the size and shape of cuts in crop-cutting surveys. (Abs.) Indian Sci. Cong. Proc. 36(3):11. 1949. 513 In22

78849 NUMEROS indices de la F. A. O., producción agricola y de alimentos. Spain. Inst. Nac. de Estadis. B. de Estadis. (ser.2)12(4,sup.):173-194. 1951. 263 Sp12

78850 SOUTHERN RHODESIA. CENTRAL AFRICAN STATISTICAL OFF. Official year book of Southern Rhodesia, 4, 1952. Salisbury,1952. 792 p. 270 R3430
Contains sections with agricultural statistics.

78851 U. S. OFF. OF FOREIGN AGRICULTURAL RELATIONS. Indices of agricultural production: prewar and yearly 1949-50, 1950-51 and 1951-52, southeast and south Asia. Washington,1951. 22 p. 1.943 In25

78852 U. S. PRODUCTION AND MARKETING ADMIN. Oregon agricultural conservation and related programs; statistical summary 1950. Portland,1951? 65 p. 1.956 F45Ag82

78853 U. S. PRODUCTION AND MARKETING ADMIN. LOUISIANA STATE PMA OFF. Statistical summary, 1950; Louisiana P M A programs. Baton Rouge,1951. unpaged. 1.956 A2L932

78854 VOIGT, S. Amerikanische landwirtschaft im spiegel der statistik. Landwirtbl. Weser-Ems 99:508. May 22,1952. 18 L2345

BEVERAGES AND CONDIMENTS

78855 ADZHEMÎAN, N. N. Determining the oxidation-reduction potential in champagne. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):23-26. Sept.1951. 95.8 V77

78856 ADZHEMÎAN, N. N. Dynamics of oxidation-reduction potential in the process of champagnizing. (In Russian.) Vinodel. i Vinograd. SSSR. 12:31-33. Jan.1952. 95.8 V77

78857 ALBANESE, F. Viticultural trends in South America. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(55):6-7. June 28,1952. 281.8 Ag3
Grapes and wine.

78858 AMERICAN SOCIETY OF BREWING CHEMISTS. Abstracts of reports and papers presented at the annual meeting. Amer. Brewer 85(6):58-61. June 1952. 390.8 Am3

78859 ARANGO CANO, J. La amenaza de la superproducción cafetera. I. Agr. Trop. 8(5):25-29. May 1952. 26 Ag8

78860 AZARASHVILI, P. B. Toward new industrial successes [in the wine industry]. (In Russian.) Vinodel. i Vinograd. SSSR. 12:1-9. Jan.1952. 95.8 V77

78861 BAREGE, P. Le problème du vin au Maroc; la production actuelle. Petit Casablancais 32(1560):1,6. Feb.9,1952. 280.8 P44

78862 BERIDZE, G. I. Native sparkling wines of Georgia [U.S.S.R.]. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):5-9. Sept.1951. 95.8 V77

78863 BEVERIDGE, E. A. Coffee futures contracts. Coffee & Tea Indus. 75(7):13,38,50. July 1952. 389.8 Sp4

78864 BICHUK, N. E., and GORBANEV, A. A. Hydrostatic method of determining the specific weight of wine. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):19-21. Sept.1951. 95.8 V77

78865 BISERTE, G., and SCRIBAN, R. Les protides du moût. Soc. de Chim. Biol. B. 34:350-365. Ref. 1952. 383 So1
Brewing.

78866 BONNEBIÈRE, F. Réflexions sur le sauternais. Prog. Agr. et Vitic. 137:357-358. June 29,1952. 14 P94

78867 BORDALLO, J. I. Angola coffees. Coffee & Tea Indus. 75(7):14-15,50. July 1952. 389.8 Sp4

78868 BRANNAN, C. F. L'expansion des marchés pour l'agriculture de Californie. Off. Internatl. du Vin. B. 25(255):8-12. May 1952. 390.8 B87
Grapes and wine.

78869 BREMOND, and ROUBERT. Quelques actualités en oenologie. Elevage et Cult. 4(40):5-6. Apr.1952. 24 EL2

78870 CEYLON TEA PROPAGANDA BOARD. Report 1951. Colombo,1952. 48 p. 286.3689 C33

78871 COLOMER, R. Es posible evitar un desastre a la vinicultura. Semana Vitivinic. 7(301/302):6-7. Apr.5/12,1952. 95.8 Se5
Spain.

78872 DALMASSO, G. Difficult battle for pure wine under the assaults of water and beer. (In Italian.) Agricoltura 1(4):30-33. Apr.1952. 16 Ag8226
English summary.
Italy.

78873 DALMASSO, G. Results of sounding out of public opinion on wine consumption. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:183-186. May 1952. 16 C72

78874 DU PLESSIS, A. M. Hints on the making of dry wine. Farming So. Africa 26:144. May 1951. 24 So842

78875 DURMISHIDZE, S. V., and KHACHIDZE, O. T. Photometric method of determining red pigments in grapes and wine. (In Russian.) Vinodel. i Vinograd. SSSR. 12:18-20. Jan.1952. 95.8 V77

78876 EASTERBROOK, L. The wine of Devon. Farmers Wk. [London] 36(26):71,73. June 27,1952. 10 F2226
Developments in cider making.

78877 EHRNST, L. E. Malt check. (Abs.) Amer. Brewer 85(6):58. June 1952. 390.8 Am3

78878 ERNST, J. Fragen der bierherstellung. Brauwelt 24:523-527. June 12,1952. 390.8 B732

78879 FEDERAL VITICULTURAL COUNCIL OF AUSTRALIA. Annual report. Melbourne,1951. 44 p. 390.9 Au7
Contains statistics of the wine industry.

78880 FENOGLIETTO, L. Définition internationale des vins spéciaux. Off. Internatl. du Vin. B. 25(255):58-63. May 1952. 390.8 B87

78881 FESSLER, J. H. Development of the Fessler compound. Wines & Vines 33(7):15-16. July 1952. 95.8 C122
Wine preservation.

78882 FORSYTH, W. G. C. Cacao polyphenolic substances. 1-2. Biochem. J. 51:511-520. Ref. July 1952. 382 B52
1, Fractionation of the fresh bean; 2, Changes during fermentation.

78883 GELASHVILI, N. T. Champagne wine materials from Chinuri [grape] variety. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):29-30. Oct.1951. 95.8 V77

78884 GELASHVILI, N. T. Goruli Mtsvane [grape variety] for champagne production. (In Russian.) Vinodel. i Vinograd. SSSR. 12:36-37. Jan.1952. 95.8 V77

78885 GROSS, N. H. Improving your brand position. Coffee & Tea Indus. 75(7):17,21,36. July 1952. 389.8 Sp4
Coffee advertising.

78886 HAESELER, G., and VOGL, C. Zur begutachtung von brennwein. Branntweinwirtschaft. 74:200-202. June 10,1952. 390.8 B7322
Tests.

78887 HENGL, F. Weinimporte—der einzige weg? Österr. Weinztg. 7:63. May 25,1952. 390.8 Os7
The industry.

78888 HERLEMANN, H. H. Branntweinpolitik und landwirtschaft; die stellung der landwirtschaftlichen brennereien in der westdeutschen branntweinwirtschaft. Kiel. U. Inst. f. Weltwirt. Kieler Studien 21,221 p. Ref. 1952. 280.9 K54K

78889 HOLT, R. Awful fond of coffee. Sheep & Goat Raiser 32(9):22-26. (Cont.) June 1952. 45.8 Sh3
History of coffee as a beverage in Texas.

78890 IAKOVLEV, P. M. Method of sustaining a constant wine temperature. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):51-53. Oct.1951. 95.8 V77

78891 IVANOV, I. S. Altai filter [for wine clarification]. (In Russian.) Vinodel. i Vinograd. SSSR. 12:54-55. Jan.1952. 95.8 V77

78892 JACQUIN, M. P., and TAVERNIER, J. Sur la teneur des cidres en méthanol. Acad. d'Agr. de France. Compt. Rend. 39:323-327. Ref. Apr.30/May 7,1952. 14 P215Bc

78893 KLENK, E. Neuzeitliche kellerwirtschaft. Weinsberg,Württembergische Lehr- und Versuchsanstalt für Wein- und Obstbau,1951. 46 p. 390.1 K67N

78894 KOROTKEVICH, A. V., and BEKIROV, U. I. On utilizing the waste of wine manufacture in the republics of Middle Asia. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):58-59. Oct.1951. 95.8 V77

78895 KOTLIARENKO, M. R. On reprocessing the waste from wine manufacture. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):16-18. Sept.1951. 95.8 V77

78896 KRUPENIKOV, I. A. Role of M. G. Pavlov in the science of wine in Russia. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):61-62. Oct.1951. 95.8 V77

78897 KULZHINSKAIA, N. A. On separating nitrogenous substances from wine. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):11. Sept.1951. 95.8 V77
Clarification.

78898 LE ROY. Sur une caisse autonome de la viticulture. Prog. Agr. et Vitic. 137:324-326. (Cont.) June 1/8,1952. 14 P94
Distillation policy.

78899 LOWRY, M. T., and others. Limit-dextrinase activity of malts from ten barley varieties grown at nine stations in 1949 and 1950. (Abs.) Amer. Brewer 85(6): 59. June 1952. 390.8 Am3
G. S. Robbins, W. J. Olson, and A. D. Dickson, joint authors.

78900 MCMASTER, P. G., and SOLLY, N. R. Coffee and its economics in Kenya. Coffee Bd. Kenya. Mon. B. 17:10-12. C 17:10-12. (Cont.) Jan.1952. 68.29 C652

78901 MALTABAR, V. M. Controlling the distillation of cognac spirit. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):27-29. Sept.1951. 95.8 V77

78902 MARESCALCHI, C. Wine centrals. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(49):1-2. June 14, 1952. 281.8 Ag3

78903 MARTAKOV, A. A. Simplified calculation of sugar in fruit and berry wine manufacture. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):22. Oct.1951. 95.8 V77

78904 MEDVEDEV, IU. V. Causes for losses in [wine] must production. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):20-21. Oct.1951. 95.8 V77

78905 MEDZMARIASHVILI, F. V. A simplified method for preparing must and wine samples for determining sugar. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):13-14. Sept.1951. 95.8 V77

78906 MEYERS, E. W. Testing chocolate temper. Internatl. Confectioner 62(6):16-17. June 1952. 389.8 In214

78907 NAUMANN, C. W. Die entbasung von würze und bier. Brauwissenschaft 6:105-106. June 1952. 390.8 B733
English summary.

78908 OCA PASTOR, J. Estudio comparativo de los vinos de Pradejon (Logroño). An.de Bromatología 4:25-50. Ref. 1952. 339.8 An1
English summary.

78909 OFF. INTERNATIONAL DU VIN. XXXIe session officielle plénière du comité de l'O. I. V. (Madrid-Lisbonne-Porto, 10-21 septembre 1951) [rapports et exposés]. Off. Internatl. du Vin. B. 25(255):13-72. (Cont.) May 1952. 390.8 B87
National reports on grape and wine costs and wine analysis.

78910 OKHREMENKO, N. S. Methods for improving the production of Soviet champagne. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):23-29. Oct.1951. 95.8 V77

78911 OLSON, W. J., ROBBINS, G. S., and DICKSON, A. D. Orthophosphatase activity of malts from ten barley varieties grown at ten stations during four seasons. (Abs.) Amer. Brewer 85(6):59. June 1952. 390.8 Am3

78912 PANASIUK, M. I. Natural wines from very sweet apples. (In Russian.) Vinodel. i Vinograd. SSSR. 12:24-25. Jan.1952. 95.8 V77

78913 PEARMAN, R. W., RAYMOND, W. D., and SQUIRES, J. A. Cocoa husks from the Gold Coast as a source of furfural. Colon. Plant & Anim. Prod. 2:209-210. 1951. 472 C71

78914 PETER, J. La campagne du cacao en Côte d'Ivoire et dans le monde. Marchés Colon. du Monde 8:1466-1468. May 24,1952. 286.8 M33

78915 PODKLETNOV, N. E. Determination of small quantities of tartaric acid [in musts and wine]. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):19. Oct. 1951. 95.8 V77

78916 PRADO, P. DE C. Farmers disposed to request security mandate. (In Portuguese.) Soc. Rur. Bras. Rev. 32(375):34. Apr.1952. 9.2 B733
Brazilian coffee industry.

78917 PROSTOSERDOV, N. N. Treatment of wine with gypsum [for clarification]. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):9-10. Sept.1951. 95.8 V77

78918 PUSHIN, L. I. Rapid clarification of fruit and berry wines. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):21-22. Sept.1951. 95.8 V77

78919 REBELO, D. J. S. The tea of Mozambique (1924-1950). (In Portuguese.) Moçambique 68:31-68. Ref. Oct./Dec.1951. 110 M71

78920 REDFERN, S. Alpha-amylase. (Abs.) Amer. Brewer 85(6):58. June 1952. 390.8 Am3
In brewing.

78921 REINHOLD, W. Zur technologie der satzhefenbehandlung. Brauwelt 22:485-486. May 29,1952. 390.8 B732

78922 RICHERT, W. S. Stabilization practices in California wineries. II-III. Wines & Vines 33(5):17-19; (6):23-24. May-June 1952. 95.8 C122
Summarized from a report by H. W. Berg.

78923 RODOPULO, A. K. On oxidation-reduction processes in wine production. (In Russian.) Vinodel. i Vinograd. SSSR. 12:21-24. Jan.1952. 95.8 V77

78924 ROELAND, C. Note relative au degré alcoolique des vins. Rev. de Path. Compar. 52:187. Mar.1952. 448.8 R326

78925 ROMANO, E. The colorimetric determination of total iron in wine. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 58,5 p. 1951. 105.4 R66

78926 ROZENFEL'D, P. M. On some theoretical problems in champagnizing. (In Russian.) Vinodel. i Vinograd. SSSR. 12:34-36. Jan.1952. 95.8 V77

78927 SAINCLIVIER. La microflore mineure des lies de cidre. Indus. Agr. et Aliment. 68:277-278. May/June 1951. 383 As7
English summary.

78928 SHULIAK, E. T. On record keeping in preliminary wine making. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):50. Oct.1951. 95.8 V77

78929 SIMPLIFIED chocolate-making line. Food Engin. 24(7):116-119. July 1952. 389.8 F737
A flow chart.

78930 SLATER, L. E. Radical pulverizing technique short-cuts chocolate refining. Food Engin. 24(7):62-64, 134,136. July 1952. 389.8 F737

78931 SMILEY, N. B. Brewing trials of new variety hops—1949 crop. Inst. Brewing. J. (n.s.)49:183-184. May/June 1952. 390.9 In7

78932 SOUZA, J. S. I. DE. Adulteration of wines, marmalades, and other products. (In Portuguese.) Chacaras e Quintais 85:703-705. June 15,1952. 9.2 C34

78933 STOLL, K. Fragen der lüftung in kellerräumen. Schweiz. Z. f. Obst- u. Weinbau 61:236-241. June 14,1952. 80 Sch9

78934 STROGANOV, N. A. In the area of the Principal Turkmenian Canal. New large grape and wine manufacturing district. (In Russian.) Vinodel. i Vinograd. SSSR. 12:10-12. Jan.1952. 95.8 V77

78935 TIURIN, S. T. To improve the calculation of alcohol during alcoholization of fermenting must. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):15-16. Sept. 1951. 95.8 V77

78936 TUMAN'IANTS, L. I. The wines of Uzbekistan. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):13-16. Oct.1951. 95.8 V77

78937 U. S. BUR. OF AGRICULTURAL ECONOMICS. Spice supplies of the United States, 1918-50, by R. D. Butler and L. C. Taylor. Washington,1952. 14 p. 1.941 H2Sp4

78938 VALAIZE, H., and DUPONT, G. Les acides aminés et le bouquet des vins. Indus. Agr. et Aliment. 68: 245-250. May/June 1951. 383 As7
English summary.

78939 VAN REENEN, C. F. Wine manufacture in the cooperative cellars. (In Afrikaans.) Wynboer 21(249): 5,7. June 1952. 390.8 W724
Union of South Africa.

78940 VEIGUINHA, A. S. L'industrie portugaise de l'agar-agar et les applications de ce produit dans les industries agricoles. Indus. Agr. et Aliment. 68:261-264. May/June 1951. 383 As7
English summary.
Wine and vinegar clarification.

78941 VIÑALS CAPELL, J. M. La sanidad de un vino y la actual cosecha. Cam. Ofic. Sind. Agr. de Barcelona. B. 7:29-30. Feb.1952. 15 C14

78942 VOSKOBOINIKOV, I. M., and DASHKEVICH, A. V. Determining the saccharinity of grapes with a field refractometer. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):12-13. Sept.1951. 95.8 V77
Analysis of musts.

78943 WELCH, R. C. Cocoa and chocolate. Amer. Assoc. Cereal Chem. Trans. 10:152-155. June 1952. 59.9 Am3T

78944 WIDMER, A. Die automatische kältemaschine für die wein- und obstsaftindustrie und die kühlung von obstlagerräumen. Schweiz. Z. f. Obst- u. Weinbau 61: 229-233. June 14,1952. 80 Sch9

78945 WITT, P. R., JR., OHLE, R. L., and GOERGEN, V. The haze formation of boiled worts upon cooling as related to barley variety and to the degree of malt modification. (Abs.) Amer. Brewer 85(6):59. June 1952. 390.8 Am3

78946 YUGOSLAVIA. CHAMBER OF COMMERCE. Yugoslav wines. Beograd,1951? 46 p. 390.1 Y9

78947 ZACCONE, S. The wine problem. (In Italian.) Cam. di Com. Indus. e Agr. di Novara. Not. Econ. 8(4): 5-7. Apr.1952. 287 N85N

DAIRY PRODUCTS

78948 AMERICAN DAIRY SCIENCE ASSOCIATION. Abstracts of papers presented at the forty-seventh annual meeting, University of California, Davis, California, June 24—26, 1952. J. Dairy Sci. 35:479-506. June 1952. 44.8 J822

78949 AMUNDSTAD, O. American dairy industry. (In Norwegian.) Landbrukstidende 58:344-346,368-370. (Cont.) Apr.30-May 7,1952. 11 L236

78950 AMUNDSTAD, O. American dairy industry. (In Norwegian.) Landbrukstidende 58:384-386. (Cont.) May 14,1952. 11 L236

78951 BERARD, H. L. L'éleveur et l'industrie laitière. Digeste de l'Eleveur 6(8):7-12; (9):13-16,29. Apr.-May 1952. 49 D56
Canada.

78952 BERNISCHE MOLKEREISCHULE IN RUTTI-ZOLLIKOFEN. 65. jahresbericht für das rechnungsjahr 1951 und das schuljahr 1951/52. Zollikofen,1952. 43 p. 44.9 R93

78953 BIGGS, E. M. Where do we go from here? Canad. Dairy & Ice Cream J. 31(6):38,40,42,44,58. June 1952. 44.8 C162

78954 BRAUSE, L. A. La industria lechera en el Uruguay; su presente, su porvenir. Montevideo,1951. 15 p. 44 B738

78955 BURNARD, C. W. Waikato merger proposals reaching the final stages. New Zeal. Dairy Exporter 27(12):4-6. June 1952. 44.8 N484
Merger of dairy companies.

78956 CAMPOS NORDMANN, R. El abastecimiento de leche a los grandes mercados consumidores. Ganadería [Madrid] 10:58-60. Feb.1952. 49 G15
Supply and demand.

78957 CARDENAL, A. Arboles lecheros; una nueva leche vegetal que cura las úlceras de estómago, embellece los ojos de las mujeres y sirve para fabricar goma de mascar. ICA; Indus. y Com. de la Aliment. 7(77)18-19. Apr.1952. 286.8 Ic1

78958 CHAMBERLAIN, C. W. V. P. I. dairy day. South. Dairy Prod. J. 52:28-29. July 1952. 44.8 So83

78959 COLLER, S. G. Developments in dairy farming. So. African Dairyman 13:9. Jan.1951. 44.8 So822
Great Britain.

78960 CORRALES VICENTE, M. La industria quesera nacional y los modernos métodos de fabricación. Rev. Espan. de Lech. 3:141-155. Dec.1951. 44.8 R325

78961 CUNNINGHAM, L. C. What's ahead for dairymen. Amer. Agr. 149:422-423. July 19,1952. 6 Am3

78962 DAVIS, J. G. Yogurt. I. Food [London] 21: 249-254. Ref. July 1952. 389.8 F738

78963 FRANKLIN, N. L. Growing dairy industry provides livelihood for many in Virginia. Va. Foodsman 13: (6):11. June 1952. 286.28 V81

78964 INDIAN DAIRY SCIENCE ASSOCIATION. Annual report of the hon. joint secretaries for the year ending 31st December, 1951. Indian Dairyman 3:159, 161-162. May 1952. 44.8 In282

78965 ITO, T. Rakuno keizairon [Economic theory of the dairy industry]. Tokyo,Kawasaki Shuppansha,1951. 237 p. 281.344 It6

78966 JESSUP, R. W. Los Angeles County's dairy industry. California 42(6):17,31-32. June 1952. 280.8 C12

78967 JOHNSON, G. R. Progress in plant design and construction and a look into the future. Milk Dealer 41 (9):40-41,52. June 1952. 44.8 M595

78968 KRIESEL, H. C. More people now, with little increase in milk production. Agr. Situation [Washington] 36(6):3-4. June 1952. 1 Ec7Ag
Present status of the dairy industry.

78969 MORALES, R. Valor de la vaca lechera como función económica. Campo [Sevilla] 11(119):41. Feb. 1952. 15 C15
Spain.

78970 MULGRUE, J. Dairying in Canada; recent developments in the industry. Austral. Bur. Agr. Econ. Q. Rev. Agr. Econ. 5:56-59. Apr.1952. 281.9 Au73

78971 POMPA, A. South American ice cream. Ice Cream Indus. 29:635-636. June 1952. 389.8 Ic24
The industry.

78972 POSTHUMUS, G. The gauging of temperature in the dairy plant. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:373-374. (Cont.) June 4,1952. 44.9 AL3

78973 PULLAR, R. G. How our industry is organised. South Island Dairy Assn. showed way industry could quickly improve its own efficiency. New Zeal. Dairy Exporter 27(11):52-53. May 1952. 44.8 N484

78974 RABUFFO, V. M. Vegetable fat frozen desserts. Ice Cream Trade J. 48(7):20-22,24,94-97. July 1952. 389.8 Ic2
Effects on the ice cream industry.

78975 RICHARDS, P. The dairy situation in the next decade. Washington,U. S. Prod. & Mktg. Admin.,1952. 8 p. 1.956 A2R39
Talk at meeting of the National Cheese Institute, Chicago, Apr. 30, 1952.

78976 SALISBURY, G. W. Reference journals used by dairy scientists. J. Dairy Sci. 35:566-569. June 1952. 44.8 J822

78977 SCHWARZKOPF, V. Little drops of wasted milk make a mighty river. Milk Indus. Found. Conv. Proc. (1951) 44(5):44-50. 1952. 44.9 In8

78978 SILLCOCK, K. M. Entering the dairying industry. Victoria. Dept. Agr. J. 50:166-167. Apr.1952. 23 V66J

78979 SMITH, C. P. Mellorine in its infancy. South. Dairy Prod. J. 52:110-111. July 1952. 44.8 So83

78980 SPAGNOLI, A. How much milk does the cheese industry need? (In Italian.) Allevatore 8(19):3. May 11, 1952. 49 AL55
Italy.

78981 SPEE, F. GRAF VON. Milch im widerstreit. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:867-868. June 5,1952. 18 L2346

78982 STALLONES, B. E. What producers are thinking about; a report to members of South Texas Producers Association. Milk Prod. [Houston] 17(7):4-5,25. July 1952. 44.8 M5993

78983 U. S. BUR. OF DAIRY INDUSTRY. Publications of the Bureau of Dairy Industry relating to ice cream. U. S. Bur. Dairy Indus. BDI-Inf-35,rev.,6 p. May 1952. 1.973 D4B34

78984 WECKEL, K. G. Dairy spreads, their potential market and manufacturing procedure. Milk Plant Mon. 41(6):24-26,28. June 1952. 44.9 C864

78985 ZATTA, P. L. Themes and problems directed at the improvement of typical cheeses and of "Asiago" in particular. (In Italian.) Cam. di Com. Indus. e Agr. Vicenza. Not. Econ. 7(11):5-7. June 1,1952. 287 V662
Italy.

78986 ZWAGERMAN, C. Milk production, marketing, and price formation in South Beveland. (In Dutch.) Zeeuwsch Landbbl. 40(2099):6. Dec.1,1951. 12 Z2

Analysis and Composition

78987 ABD-EL-MALEK, Y., and GIBSON, T. Studies in the bacteriology of milk. III. The corynebacteria of milk. J. Dairy Res. 19:153-159. Ref. June 1952. 44.8 J823

78988 ALISON, F. Deux procédés simples pour dépister l'addition de lait de vache au lait de femme. Lait 32:258-262. May/June 1952. 44.8 L143

78989 ASCHAFFENBURG, R., and ROWLAND, S. J. Reviews of the progress of dairy science. Section C. Dairy chemistry and physics. I. Chemistry and physical chemistry. J. Dairy Res. 19:226-256. Ref. June 1952. 44.8 J823

78990 ASHWORTH, U. S. A method for measuring the wettability of milk powders. (Abs.) J. Dairy Sci. 35: 481-482. June 1952. 44.8 J822

78991 BENNETT, F. W. Application of the coliform test to ice cream. (Abs.) Assoc. South. Agr. Workers. Proc. 49:77. 1952. 4 C82

78992 BLACK, A. L., KLEIBER, M., and SMITH, A. H. Carbonate and fatty acids as precursors of amino acids in casein. J. Biol. Chem. 197:365-370. Ref. July 1952. 381 J824

78993 BLAIR, G. W. S. Reviews of the progress of dairy science. Section C. Dairy chemistry and physics. II. Rheology. J. Dairy Res. 19:257-261. Ref. June 1952. 44.8 J823

78994 BRIGGS, C. A. E. A note on the serological classification of Streptococcus diacetilactis (Matuszewski et al.). J. Dairy Res. 19:167-168. June 1952. 44.8 J823

78995 BRIGGS, C. A. E., and NEWLAND, L. G. M. The serological classification of Streptococcus cremoris. J. Dairy Res. 19:160-166. Ref. June 1952. 44.8 J823
In dairy products.

78996 BRUNNER, J. R., and others. Electrophoretic characterization of the fat-membrane proteins of non-homogenized and homogenized milk. (Abs.) J. Dairy Sci. 35:486. June 1952. 44.8 J822
H. A. Lillevik, G. M. Trout, and C. W. Duncan, joint authors.

78997 BRUNNER, J. R., DUNCAN, C. W., and TROUT, G. M. Isolation and compositional characterization of the fat-membrane proteins of nonhomogenized and homogenized milk. (Abs.) J. Dairy Sci. 35:486. June 1952. 44.8 J822

78998 CHANDA, R., and OWEN, E. C. Cocarboxylase and protein-bound aneurin in relation to phosphatase in colostrum and milk of cows. Biochem. J. 51:xix-xx. June 1952. 382 B52

78999 CHRISTIANSON, G., JENNESS, R., and COULTER, S. T. Estimation of calcium ion activity in milk and other biological fluids. (Abs.) J. Dairy Sci. 35:488. June 1952. 44.8 J822

79000 DEANE, D. D., NELSON, F. E., and RYSER, F. C. Isolation of Streptococcus thermophilus bacteriophage from Swiss cheese whey. (Abs.) J. Dairy Sci. 35: 483. June 1952. 44.8 J822

79001 DRURY, A. R. A test for the presence of penicillin in milk. Milk Indus. Found. Conv. Proc. (1951) 44(4):62-66. 1952. 44.9 In8

79002 FAGEN, H. J., and HUSSONG, R. V. Paper partition chromatography of the free amino acids of foreign-type cheeses. (Abs.) J. Dairy Sci. 35:479. June 1952. 44.8 J822

79003 FREEMAN, G. A. A comparison of chemical and physical properties of northern and southern cheese. (Abs.) Assoc. South. Agr. Workers. Proc. 49:71. 1952. 4 C82

79004 FUTSCHIK, J. pH-tester. Österr. Milchwirt. 7:133-134. May 21,1952. 44.8 Os72

79005 GARVIE, E. I., and ROWLANDS, A. The role of micro-organisms in dye-reduction and keeping-quality tests. I. J. Dairy Res. 19:133-152. Ref. June 1952. 44.8 J823
Milk.

79006 GEHRKE, C. W., and VAN RUNYON, C. A spectrographic method for the determination of tin, copper, iron, and lead in evaporated milk and the effects of storage on evaporated milk. (Abs.) J. Dairy Sci. 35: 488. June 1952. 44.8 J822

79007 GREENBANK, G. R. The glyceride structure and polymorphism of butterfat. (Abs.) J. Dairy Sci. 35: 486. June 1952. 44.8 J822

79008 GRUTZ, P. Butterausbeute und fetteinheiten-verbrauch. Molk.-Ztg. 6:593-596. June 5,1952. 44.8 M735

79009 HANSEN, S. A., WOOD, F. W., and THORNTON, H. R. The phosphatase inactivation curve in the HTST pasteurization range. (Abs.) J. Dairy Sci. 35:487-488. June 1952. 44.8 J822

79010 HARLAND, H. A., COULTER, S. T., and JENNESS, R. Limitations of the use of serum protein determinations in evaluating heat of milk. (Abs.) J. Dairy Sci. 35:487. June 1952. 44.8 J822

79011 HARPER, W. J. A direct chromatographic method for the determination of the lower fatty acids in cheese. (Abs.) J. Dairy Sci. 35:479-480. June 1952. 44.8 J822

79012 HECKER, E. Schwankungen im fettgehalt bei wechsel vom maschinen- zum handmelken bzw. vom hand- zum maschinenmelken. Milchwissenschaft 7:187-191. June 1952. 44.8 M5933
English summary.

79013 HJORTHAUG, B. The fat content of milk and the adjustment. (In Norwegian.) Meieriposten 41:443-444. June 14,1952. 44.8 M47

79014 HOEFLAKE, H. Een onderzoek naar de variatie van het lactoflavine-, nicotinezuur-, pantotheenzuur en biotine gehalte in Nederlandse consumptiemelk met behulp von microbiologische bepalingsmethoden [Research on variations of lactoflavin, nicotinic acid, panthothenic acid, and biotin contained in Netherlands consumer milk with the help of microbiological methods of analyses]. 's-Gravenhage,Excelsiors Foto-offset,1951. 73 p. 44 H675
Academisch proefschrift - Amsterdam.

79015 IRVINE, D. M., and PRICE, W. B. A measurement of cheese body. (Abs.) J. Dairy Sci. 35:480-481. June 1952. 44.8 J822

79016 JANZEN, J. J., and SWANSON, A. M. A study of the particle size of nonfat dry milk solids. (Abs.) J. Dairy Sci. 35:482. June 1952. 44.8 J822

79017 KLIMSCHA, V. Die inkubationsprobe. Österr. Milchwirt. 7:134-135. May 21,1952. 44.8 Os72

79018 KLUPSCH, H. J. Der koli-test im molkereibetrieb. Molk.-Ztg. 6:613-614. (Cont.) June 5,1952. 44.8 M735

79019 KRETT, O. J., and others. The development of the lower fatty acids in Swiss cheese. (Abs.) J. Dairy Sci. 35:480. June 1952. 44.8 J822
A. LeBoyer, H. E. Daume, and J. B. Stine, joint authors.

79020 LEMBKE, A., and others. Zur chemischen reaktivierung von bakterien. Kieler Milchwirt. Forschber. 4:233-241. 1952. 44.9 K542
W. Kaufmann, H. Lagoni, and H. Gantz, joint authors. English summary.

79021 LUST, M. Étude du lait dont la caséine est floculée par le chauffage. Lait 32:241-258. Ref. May/June 1952. 44.8 L143

79022 MCCLINTOCK, M., and others. Action inhibitrice des streptocoques producteurs de nisine sur le développement des sporulés anaérobies dans le fromage de Gruyère fondu. J. Dairy Res. 19:187-193. Ref. June 1952. 44.8 J823
L. Serres, J. J. Marzolf, A. Hirsch, and G. Mocquot, joint authors.

79023 MANTHEY, U. Zuverlässige bestimmung des durchschnittsfettgehaltes der anlieferungsmilch. Deut. Molk.-Ztg. 73:717-719. June 6,1952. 44.8 Su2

79024 MARSHALL, C. R., and WALKLEY, V. T. Some aspects of microbiology applied to commercial apple juice production. IV-V. Food Res. 17:197-211. May/June 1952. 389.8 F7322
IV, Development characteristics and viability of spoilage organisms in apple juice; V, Thermal death rates of spoilage organisms in apple juice.

79025 MASSMANN, F. Zusammenarbeit zwischen leistungs- und molkereikontrolle. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:877-878. June 5,1952. 18 L2346

79026 MINUT, J. La termorresistencia de las fosfatasas de origen micológico. Indus. Lech. 34:121-122. Mar.1952. 44.8 In26
In milk and cream.

79027 MOORE, A. V., and COVAN, S. P. The use of statistical quality control in dairy manufacturing. (Abs.) Assoc. South. Agr. Workers. Proc. 49:75. 1952. 4 C82

79028 MULDER, H. El poder coagulante del cuajo. Indus. Lech. 34:181-184,186-187,190-193. Apr.1952. 44.8 In26

79029 MULVANY, J. L. Prueba de acidez. Chacra 22(260):18. July 1952. 9 C34
Milk.

79030 MULVANY, J. L. Pruebas para seleccionar la leche recibida en fábrica: temperatura. Chacra 22 (259):19. June 1952. 9 C34

79031 MYHR, A. N., and OLSON, J. C., JR. Preliminary studies on the thermal resistance of micrococci in milk. (Abs.) J. Dairy Sci. 35:484. June 1952. 44.8 J822

79032 NASHIF, S. A., and NELSON, F. E. The behavior of the lipase from Pseudomonas fragi in cream and butter. (Abs.) J. Dairy Sci. 35:484. June 1952. 44.8 J822

79033 OVERCAST, W. W., and ALBRECHT, T. W. Gas production in Cheddar cheese caused by Leuconostoc citrovorum. J. Dairy Sci. 35:554-558. June 1952. 44.8 J822

79034 PATTON, S. Observations on the color of evaporated milk. (Abs.) J. Dairy Sci. 35:488. June 1952. 44.8 J822

79035 PETERS, I. I. The effect of aging of cream upon the distribution pattern of free C_4, C_5 and C_6 fatty acids. (Abs.) J. Dairy Sci. 35:484-485. June 1952. 44.8 J822

79036 PETERSEN, N. Einwirkung verschiedener säuren auf milchfett und rahmsäuerung. Fette u. Seifen 54:359-361. June 1952. 384 C422

79037 PRATOLONGO, U. Recognition of certain hydrogenated fats added to butter. (In Italian.) (Abs.) Chim. e l'Indus. 34:235. Apr.1952. 385 G43

79038 ROEDER, G. Über die verwendbarkeit der reduktaseprobe bzw. resazurinprobe im rahmen der qualitätsbezahlung. 2. Molk.-Ztg. 6:569-570. Ref. May 29,1952. 44.8 M735

79039 RUTTER, W. J., CRAINE, E. M., and HANSEN, R. G. The metabolism of lactose. (Abs.) J. Dairy Sci. 35:504. June 1952. 44.8 J822
In Lactobacillus bulgaricus.

79040 SAGER, O. S., GRANT, F. M., and HAMMOND, T. M. A study of the Schain butterfat test. Milk Indus. Found. Conv. Proc. (1951) 44(4):27-43. 1952. 44.9 In8

79041 SALISBURY, G. W., DILLON, MRS. D. J., and CRAINE, E. M. The composition of herd milk of the Brown Swiss breed. Ill. Agr. Col. Ext. D628,18 p. Oct. 31,1951. 275.29 IL62Pda

79042 SCHWARZ, G., and MUMM, H. Eine einfache methode zur bestimmung des calciumgehaltes in käse und quark. Deut. Molk.-Ztg. 73:714-715. June 6,1952. 44.8 Su2

79043 SCHWARZ, G., CASTILLO, H., and MUMM, H. Untersuchungen über einige bestandteile der in der Marsch und Geest gewonnenen milch. Kieler Milchwirt. Forschber. 4:243-247. 1952. 44.9 K542
English summary.
Districts of Schleswig-Holstein.

79044 SHEPHERD, E. Examining ice cream; determining the total bacterial count. Ice Cream Indus. 30:51-52. (Cont.) July 1952. 389.8 Ic24

79045 SHEPHERD, E. General factors relating to bacteriological testing. Ice Cream Indus. 29:650-651. June 1952. 389.8 Ic24

79046 SIMONNET, H., and STERNBERG, J. Recherches sur la biochimie des composés phosphorés du lait. Lait 32:276-282. Ref. May/June 1952. 44.8 L143

79047 SMITH, A. C., and others. The role of ascorbic acid and tocopherol in the development of oxidized flavor in butter and cream. (Abs.) Assoc. South. Agr. Workers. Proc. 49:72-73. 1952. 4 C82
M. Lowenstein, R. E. Anderson, and H. C. Olson, joint authors.

79048 STRATTON, J. W. Milk test variations. (Abs.) Assoc. South. Agr. Workers. Proc. 49:74. 1952. 4 C82

79049 TOBIAS, J., WHITNEY, R. M., and TRACY, P. H. Effect of heating to 300° F. by means of the Mallory small-tube heat exchanger on the electrophoretic properties of skimmilk. (Abs.) J. Dairy Sci. 35:487. June 1952. 44.8 J822

79050 TOBIAS, J., WHITNEY, R. M., and TRACY, P. H. Preparation of samples of skimmilk for electrophoretic studies. (Abs.) J. Dairy Sci. 35:486-487. June 1952. 44.8 J822

79051 TROUT, G. M., and others. Observations on bacterial growth when milk cooling is delayed. South. Dairy Prod. J. 52:41,44-45. July 1952. 44.8 So83
A. L. Bortree, H. M. Dalaya, and P. S. Medora, joint authors.

79052 WILDASIN, H. L., and ANDERSON, E. O. Improved Babcock test for analyzing homogenized milk. Amer. Milk Rev. 14(7):56-59,81. Ref. July 1952. 44.8 Am38

79053 ZAKARIASEN, B. M., ECKBERG, L., and MYKLEBY, R. W. A study of methods for evaluating the keeping quality of sweet cream butter. (Abs.) J. Dairy Sci. 35:484. June 1952. 44.8 J822

Consumption and Utilization

79054 JOHNSON, B. An armed services report to industry. (Abs.) Amer. Dry Milk Inst. Briefly 27:14-15. 1952. 44.9 Am35Br
Dried milk utilization.

79055 LARSON, B. L., JENNESS, R., and GEDDES, W. F. The effect of various milk serum proteins and sulfhydryl groups on bread quality. (Abs.) J. Dairy Sci. 35:482. June 1952. 44.8 J822

79056 REMALEY, R. J. Consumer package sales of nonfat dry milk solids. Butter, Cheese & Milk Prod. J. 43(7):30-32. July 1952. 286.85 B98Bu

79057 ROWE, G. A. Changes in milk utilization (Portland milkshed, 1940-50). Oreg. Agr. Expt. Sta. C. Inform. 512,12 p. June 1952. 100 Or3C

79058 SHUTTLEWORTH, R. G. Effluents from milk processing industries. 1. The utilisation of whey and butter milk. So. African Dairyman 13:20-23,25. Ref. Jan.1951. 44.8 So822

Distribution, Marketing, and Transportation

79059 BARNES, J. W. Why have a base plan. Mich. Milk Messenger 35(2):1,10. June 1952. 44.8 M582

79060 BEAU. Situation actuelle du marché de la caseine. Indus. Lait. (n.s.)68:114-115. May 1952. 44.8 In2

79061 BOIVIN, T. E. En marge de la campagne de publicité du lait. Terre de Chez Nous 24(16):6. June 11, 1952. 7 T27
Canada.

79062 BRAUN. Qualitätsverbesserung der milch als absatzfördernder faktor. Molk.- u. Käserei-Ztg. 3: 712. June 5,1952. 44.8 M736
Germany.

79063 BREIREM, K. The fat percent of milk. (In Norwegian.) Meieriposten 41:383-387. (Cont.) May 1952. 44.8 M47

79064 BURNSIDE, R. H. Merchandising dairy products. South. Calif. Grocers J. 39(23):14-15,22. June 20,1952. 286.28 So82

79065 CASTLE, B. F. Advertising—the sword arm of the dairy industry. South. Dairy Prod. J. 52:122-123. July 1952. 44.8 So83

79066 CONNER, M. C. Milk market control laws. (Abs.) Assoc. South. Agr. Workers. Proc. 49:126. 1952. 4 C82

79067 CONNER, M. C. Milk market control laws. Va. Agr. Col. Ext. Va. Farm Econ. 131:8-12,20. May 1952. 275.29 V813

79068 COOK, H. L., and others. Butter pricing and marketing at country points in the North Central region. Minn. Agr. Expt. Sta. Tech. B. 203,59 p. June 1952. 100 M66
P. L. Kelley, E. F. Koller, and A. H. Miller, joint authors.

79069 COOK, H. L. Vending machines—an opportunity for new milk sales. Milk Indus. Found. Conv. Proc. (1951)44(6):27-32. 1952. 44.9 In8

79070 EFKES, U. Warum steigt der bedarf an erfrischenden, alkoholfreien getränken? Deut. Molk.-Ztg. 73:716-717. June 6,1952. 44.8 Su2
Program for increasing milk consumption.

79071 HAND, A. Milk marketing in Great Britain. Farmer's Mag. 49(6):64-65. June 1952. 7 C165

79072 HANNON, R. C. Denver firms adopt varied promotional programs. Amer. Milk Rev. 14(6):42. June 1952. 44.8 Am38

79073 HERRMANN, L. Steigerung des trinkmilchverbrauchs. Raiffeisen-Rundschau 4:99-101. May 1952. 284.28 R132
Germany.

79074 KIRTLEY, M. B., and ERWIN, C. C. Marketing dairy products in southwest Missouri. Mo. Agr. Expt. Sta. B. 567,36 p. Feb.1952. 100 M693

79075 KLUMPP, C. Ein wille und ein weg; meine erfahrungen als genossenschafter. Mitteilungsblatt, p.2-3. In Deut. Milchhandels-Ztg. 74(22). May 29,1952. 44.8 D48

79076 LALANNE, R. La propagande pour le lait. Tech. Lait. 8(107):11-13. June 8,1952. 44.8 Of2
France.

79077 MURPHY, E. Der deutsche milchabsatz mit amerikanischen augen gesehen. Raiffeisen-Rundschau 4: 101-102. May 1952. 284.28 R132

79078 MYRICK, N. Co-op payments stir up storm. Amer. Milk Rev. 14(6):18,20-21. June 1952. 44.8 Am38

79079 REICHARDT, F. Kann die milchwerbung helfen? Raiffeisen-Rundschau 4:51-52. Mar.1952. 284.28 R132
Germany.

79080 RUSCH, H. L. Attitudes make sales. (Excerpts.) South. Dairy Prod. J. 52:52-54,60-62. July 1952. 44.8 So83
Public relations in the dairy industry.

79081 SCHLENSKER, E. Milch und butter: ein absatz und preisproblem. Deut. Milchhandels-Ztg. 74:289-290. May 8,1952. 44.8 D48

79082 SYMONS, M. O. Merchandising trends in ice cream. Ice Cream Rev. 35(11):106,108-112,114-115. June 1952. 389.8 Ic22

79083 VANDE WATER, W. L. Trucking survey: A. Delivery cost studies as a route to increased profit. Milk Indus. Found. Conv. Proc. (1951) 44(7):5-7. 1952. 44.9 In8

79084 WERNER, R. J. Distribution and product trends in the market milk industry. Canad. Dairy & Ice Cream J. 31(6):34-35,64,66. June 1952. 44.8 C162

79085 WESCOTT, L. B. American Golden Guernsey milk marketing. Guernsey Breeders' J. [London] (n.s.)6 (2):29-30. Summer 1952. 43.8 G932

Grading, Inspection, Standardization, and Quality

79086 ALEXANDER, M. H., NELSON, W. O., and ORMISTON, E. E. Methods of milking and milk-handling as factors affecting the quality and economy of milk produced. II. A further study of the effect of permanent pipelines in the dairy barn on milk quality. (Abs.) J. Dairy Sci. 35:494. June 1952. 44.8 J822

79087 BUSCH, A. A., DECKER, C. W., and ASHWORTH, U. S. The keeping quality of whole milk powder. IV. The antioxidant properties of NDGA and certain emulsifying agents. J. Dairy Sci. 35:524-532. Ref. June 1952. 44.8 J822

79088 CARL, K. E. Purpose and enforcement of dairy laws. Capriculturist 10:15-17. Jan.1952. 40.18 C17
Oregon.

79089 COLOUR defects in butter. Canad. Dairy & Ice Cream J. 31(6):29-31,46,58. June 1952. 44.8 C162
Panel discussion at annual convention of Ontario Creamery Association; E. W. Hamilton, chairman.

79090 FREY, M. Milchqualität und agrarpolitik. Landwirt. Z. der Nord-Rheinprov. 119:618-619. June 14, 1952. 18 L2344

79091 GILMAN, H. L., and MARQUARDT, J. C. The occurrence and survival of Brucella abortus in Italian cheese curd made from raw and pasteurized milk. (Abs.) J. Dairy Sci. 35:479. June 1952. 44.8 J822

79092 GRAY, A. W. "Dairy Queen" and ice cream. Amer. Dairy Prod. Rev. 14(6):30-32. June 1952. 44.8 Am37
Regulation in Wisconsin.

79093 KOSIKOWSKY, F. V., HENNINGSON, R. W., and SILVERMAN, G. J. The incidence of antibiotics, sulfa drugs and quaternary ammonium compounds in the fluid milk supply of New York State. J. Dairy Sci. 35: 533-539. Ref. June 1952. 44.8 J822

79094 KRÄKER, H. Melkmaschinen—milchqualität. Melkmaschinendienst, p.3. In Unser Milchvieh 4(6). June 1952. 43.8 Un7

79095 KRENN, J. Die milchhygiene am Deutschen Mikrobiologentag 1951. II. Österr. Milchwirt. 7:131-132. May 21,1952. 44.8 Os72

79096 MARTINI, I. A new proposal for the "regulation on sanitary inspection of milk for direct consumption." (In Italian.) Prog. Vet. 7:263-264. Apr.15,1952. 41.8 P942
Italy.

79097 MOLLER. Milch ist nicht gleich milch; qualitätsbezahlung in Niedersachsen angeordnet—erhöhte sorgfalt wird belohnt. Unser Milchvieh 4(6):1. June 1952. 43.8 Un7

79098 MORGAN, M. E., and others. Chemical, bacteriological and organoleptic characteristics of retail cottage cheese. Conn. (Storrs) Agr. Expt. Sta. B. 284,23 p Ref. Jan.1952. 100 C76S
E. O. Anderson, L. Hankin, L. R. Dowd, and M. J. Foter, joint authors.

79099 MOSEL, V. D. Saure milch—eine gefahr für mensch und tier! Landwirtbl. Weser-Ems 99:511-512. May 22,1952. 18 L2345

79100 OLSON, J. C., JR., and others. Observations on the keeping quality of pasteurized milk with and without added aureomycin, which was obtained from various sources and stored at 45° F. (Abs.) J. Dairy Sci. 35: 485-486. June 1952. 44.8 J822
D. S. Willoughby, E. L. Thomas, and H. A. Morris, joint authors.

79101 PAIN, P. Alcoholic ice cream—the law. Ice Cream Indus. 29:644. June 1952. 389.8 Ic24
Great Britain.

79102 PARAU, D. "Schnellmelkverfahren" und seine bedeutung für die milcherzeugung. Milchwissenschaft 7: 191-197. Ref. June 1952. 44.8 M5933
English summary.
Milking machines.

79103 PARKER, R. B., and ELLIKER, P. R. Effect of spoilage bacteria on flavor component of cottage cheese. (Abs.) J. Dairy Sci. 35:482-483. June 1952. 44.8 J822

79104 PETERS, I. Quality research in butter intended for trade between the various states of the United States. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:358-359. May 28,1952. 44.9 AL3

79105 PIEN, J. Pour la pasteurisation obligatoire du lait de consommation. Lait 32:262-275. (Concl.) May/June 1952. 44.8 L143

79106 REYNOLDS, A. E. Defects in ice cream. Ice Cream Field 60:46,71-73. July 1952. 389.8 Ic23

79107 RODSKY, B. Nobody loves the dairy inspector. Hoard's Dairyman 97:570. July 10,1952. 44.8 H65

79108 SMITH, A. C., and others. The role of ascorbic acid and tocopherol in the development of oxidized flavor in cream and butter. (Abs.) J. Dairy Sci. 35:485. June 1952. 44.8 J822
M. Loewenstein, R. E. Anderson, and H. C. Olson, joint authors.

79109 STORGÅRDS, T. Producers milk deliveries cause souring disturbances in creameries. (In Swedish.) Mjölkpropagandan 29:99. Apr.1952. 44.8 M692

79110 TRECCANI, V. Los antibióticos en la leche para industria. Indus. Lech. 34:123-126. Ref. Mar.1952. 44.8 In26

79111 WARNER, E., and PIERCE, C. W. Court decisions relating to Pennsylvania milk control. Pa. Agr. Expt. Sta. Prog. Rpt. 78,28 p. May 1952. 100 P381P

Packing and Packaging

79112 SWETT, C. Waxes suitable for various types of cheese. Butter, Cheese & Milk Prod. J. 43(7):28-29. July 1952. 286.85 B98Bu

79113 WATSON, G. R., BRYANT, L. R., and SPROULE, W. H. Aluminium versus tinned-steel milk cans—a comparative study. Sci. Agr. 32:337-350. Ref. June 1952. 7 Sci2

79114 WHITE, A. H. A glassine-aluminum foil wrap for print butter. Canad. Dairy & Ice Cream J. 31(6):32-33. June 1952. 44.8 C162

Prices, Price Control, and Rationing

79115 COLLINS, W. E. Pricing dairy products in the South. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 125-126. 1952. 4 C82

79116 JOHNSON, R. E. Prices received by farmers for all milk sold at wholesale to plants and dealers, United States, 1909-51, by States, 1935-1951. U. S. Bur. Agr. Econ. Agr. Prices (sup.2),19 p. May 1952. 1.942 A8M58

79117 SOMMER, H. H. Threat of imitations. Ice Cream Rev. 35(12):117-119. July 1952. 389.8 Ic22
Prices of milk fat in relation to other fats and nutritive value.

79118 STROCK, R. L. Fall milk production incentive plans. I. Md. Farmer 36(6):3,7,14-18. June 1952. 6 M362
Price incentives.

79119 WILKOWSKE, H. H. Milk is your best food buy. Fla. Dairy News 2(5):18. June 1952. 44.8 F66
Prices and nutritive value.

Processing and Storage

79120 ANDREASEN, S. Denmark's third cooperative cheese storage house. (In Danish.) Nord. Mejeri-Tidsskr. 18:82-83. 1952. 44.8 N752

79121 BAYER, A. H., FARRALL, A. W., and KULLMAN, T. J. Information exchange: methods of increasing output per man hour. I-III. Milk Indus. Found. Conv. Proc. 1951 44(2):12-23. 1952. 44.9 In8
In dairy products manufacture.

79122 CASALIS, J. La lutte contre les pollutions microbiennes en laiterie. Tech. Lait. 8(107):15-16. (Cont.) June 8,1952. 44.8 Of2

79123 CHAMORRO, E. La técnica de la homogeneización en la fabricación de las leches condensada y desecada. An.de Bromatología 4:13-24. Ref. 1952. 389.8 An1
English summary.

79124 CHOI, R. P. Dry milk. Amer. Assoc. Cereal Chem. Trans. 10:113-119. Ref. June 1952. 59.9 Am3T

79125 CHRISTIANSON, G., COULTER, S. T., and JENNESS, R. Two phenomena related to casein precipitation in frozen storage of milk. (Abs.) J. Dairy Sci. 35:481. June 1952. 44.8 J822

79126 CRUMLISH, D. J. New developments in handling packaged milk and other materials in milk plants. Milk Indus. Found. Conv. Proc. 1951 44(2):24-29. 1952. 44.9 In8

79127 CZULAK, J. A survey of the cheese starter problem. Austral. Dairy Rev. 20(5):23-24. (Cont.) May 1,1952. 44.8 Au73

79128 CZULAK, J. A survey of the cheese starter problem. Austral. Dairy Rev. 20(6):23. (Cont.) June 2, 1952. 44.8 Au73

79129 DECK, E. M. Vegetable oils in frozen desserts. Ice Cream Rev. 35(12):45-47,74-77. July 1952. 389.8 Ic22

79130 DORION, P. A. A l'ILe d'Orléans on fabrique un fromage unique en Amérique. B. des Agr. 34,i.e.48 (6):9,59,62. June 1952. 7 B872

79131 EL-SOKKARY, A. M., and HASSAN, H. A. Hard cheese made from Egyptian cows' and buffaloes' milks. J. Dairy Res. 19:194-215. Ref. June 1952. 44.8 J823

79132 ENGLAND, C. W. Control of overrun. Ice Cream Rev. 35(11):40-41,94-95. June 1952. 389.8 Ic22

79133 FISHER, A. C. Five years of experience with bulk handling. Amer. Milk Rev. 14(7):18,20,22,26,52-53, 60. July 1952. 44.8 Am38

79134 FOUTS, E. L. Concentrated milk for bottling. South. Dairy Prod. J. 52:133-136. July 1952. 44.8 So83

79135 FREEMAN, T. R., and MORRISON, H. B. Cheese ripening studies. (Abs.) Assoc. South. Agr. Workers. Proc. 49:69-70. 1952. 4 C82

79136 GEBHARDT, H. Neuzeitliche kälteversorgung in der milchwirtschaft. Molk.- u. Käserei-Ztg. 3:572, 574. May 8,1952. 44.8 M736
Equipment.

79137 GILLEBO, K. Compound ammonium salts, and their use as a disinfectant in dairies and in milk production. (In Norwegian.) Meieriposten 41:431-437. June 14,1952. 44.8 M47

79138 GOLDING, N. S., and MCCORKLE, L. Starter activity tests using non-fat-dry milk solids. (Abs.) J. Dairy Sci. 35:484. June 1952. 44.8 J822

79139 GRANT, F. M. Stability of goat milk in frozen storage. Dairy Goat J. 30(7):6-8. July 1952. 40.18 M592

79140 GRANT, F. M. Stability of goat's milk in frozen storage. U. S. Bur. Dairy Indus. BDI-Inf-136,6 p. May 1952. 1.973 D4B34

79141 HARPER, W. J. A preliminary report on the relationship of the lower fatty acids to the ripening of Provolone cheese. (Abs.) J. Dairy Sci. 35:480. June 1952. 44.8 J822

79142 HERZER, F. H. Activities, finances and policies of dairy manufacturing departments. (Abs.) Assoc. South. Agr. Workers. Proc. 49:68. 1952. 4 C82

79143 HIRSCH, A., MCCLINTOCK, M., and MOCQUOT, G. Observations on the influence of inhibitory substances produced by the lactobacilli of Gruyère cheese on the development of anaerobic spore-formers. J. Dairy Res. 19:179-186. Ref. June 1952. 44.8 J823

79144 HOFMANN, F., and WUTHRICH, H. Erfahrungen mit walzenlosen kleinbutterfertigern aus nichtrostendem stahl. Schweiz. Milchztg. 78:307-308. June 10,1952. 44.8 Sch92

79145 HOLLENDER, H. A. Some observation of the use of surface-active agents as a means of improving the dispersibility of whole milk powder. (Abs.) J. Dairy Sci. 35:482. June 1952. 44.8 J822

79146 HOLM, G. E. Research—the key to progress. U. S. Bur. Dairy Indus. BDI-Inf-135,9 p. Apr.1952. 1.973 D4B34
Address before meeting of the National Dairy Council of Canada, Mar. 19, 1952.
Dairy products.

79147 HOSKISSON, W. A. A comparison of the different types of sweetening agents as preservatives of condensed milk. Urbana,1952. 12 p. 389.3 H792
Abstract of a thesis - University of Illinois.

79148 HUMPHRISS, E. The incorporation of cereal flours in substitute ice cream. Dairy Indus. 17:548-549, 556. June 1952. 44.8 D1427

79149 KING, N. Die herstellung von steriler kaffeesahne. Milchwissenschaft 7:180-186. Ref. June 1952. 44.8 M5933

79150 KURATO, S., and JEZESKI, J. J. Some factors affecting the action of benzoyl peroxide in the bleaching of milk for cheese manufacture. (Abs.) J. Dairy Sci. 35:483. June 1952. 44.8 J822

79151 LANOE, A. Le refroidissement du lait à la ferme. Génie Rur. 45:198-199. June 1952. 58.8 Au8

79152 LEMBKE, A., and SCHMIDTENDORF, H. Über milchwirtschaftlich wichtige schimmelpilze. Molk.-Ztg. 6:571-572. May 29,1952. 44.8 M735
Cheese manufacture.

79153 LEWIS, J. A. Tropical fruits as sherbet flavorings. (Excerpts.) South. Dairy Prod. J. 52:100-102. July 1952. 44.8 So83

79154 LUCAS, P. S. Analyze mix formulas to cut cost. Ice Cream Rev. 35(12):121-123. July 1952. 389.8 Ic22

79155 MATALLANA V., S. Prensado de quesos. Agr. Trop. 8(5):19-23. May 1952. 26 Ag8

79156 MOHR, W., and JÜNGER, R. Reinigung von butterfertigern und holzgeräten. Kieler Milchwirt. Forschber. 4:161-178. 1952. 44.9 K542
English summary.

79157 MORRIS, H. A., JEZESKI, J. J., and COMBS, W. B. The use of white mutants of Penicillium roqueforti in cheese making. (Abs.) J. Dairy Sci. 35:480. June 1952. 44.8 J822

79158 MULL, L. E. Improving chocolate ice cream. Fla. Dairy News 2(5):10,25. June 1952. 44.8 F66

79159 MULL, L. E., and KRIENKE, W. A. The use of foreign produced dried milk products in ice cream. (Abs.) Assoc. South. Agr. Workers. Proc. 49:67. 1952. 4 C82

79160 NIELSEN, V. H. Manufacturing butter by the "Gold'n Flow" process. Amer. Dairy Prod. Rev. 14(6): 16-18,20-22. June 1952. 44.8 Am37

79161 PETERS, I. I., and MOORE, A. V. Swiss-type cheese from Jersey milk. (Abs.) Assoc. South. Agr. Workers. Proc. 49:64. 1952. 4 C82

79162 PETERSEN, N. Neue wege in der dänischen butterungstechnik. Molk.-Ztg. 6:653-654. June 19,1952. 44.8 M735

79163 PLOCK, K., and WALZHOLZ, G. Bericht über die technische begutachtung der niro-trommelhocherhitzer der Firma Gebr. Klaus, Maschinenfabrik, Flensburg. Kieler Milchwirt. Forschber. 4:249-256. 1952. 44.9 K542
English summary.

79164 QUEENSLAND. DEPT. OF AGRICULTURE. DIV. OF DAIRYING. The neutralisation of cream. Queensland Agr. J. 74:277-284. May 1952. 23 Q33

79165 RAUH, G. Warum denn saure milch im sommer? Allgäuer Bauernbl. 20:295. June 5,1952. 18 AL53
Sanitation.

79166 REDFERN, R. B., and ROBERTS, W. M. Variations in the amount of time required to assemble, disassemble and clean dairy plant equipment. (Abs.) Assoc. South. Agr. Workers. Proc. 49:65-66. 1952. 4 C82

79167 RICE, E. B. How to produce choice cream. Austral. Dairy Rev. 20(6):14-15. June 2,1952. 44.8 Au73
Sanitary procedures.

79168 RICHARDS, P. What may be anticipated in 1952. (Abs.) Amer. Dry Milk Inst. Briefly 27:15-16. 1952. 44.9 Am35Br

79169 SLATTER, W. L. Para producir leche limpia use buenos métodos de limpieza. Tierra [México] 7:327-329. May 1952. 8 T445

79170 SMITH, C. G. Selling a stabiliser in the States; America the most ice cream conscious country in the world. Ice Cream Indus. 29:642-643. June 1952. 389.8 Ic24

79171 SMITH, E. J. Use of butter oil in the manufacture of ice cream. Ice Cream Trade J. 48(7):52. July 1952. 389.8 Ic2

79172 STORK, R. E. Air agitation of milk. Milk Plant Mon. 41(6):36-38. June 1952. 44.9 C864

79173 THOMSEN, H. Die technische messe Hannover. Molk.-Ztg. 6:651-652. (Concl.) June 19,1952. 44.8 M735
Equipment.

79174 TIMM, W. Die planung des versuchs-gemeinschaftsmelkstandes in Winterstettenstadt (Kreis Biberach). Grüne 80:697-699. June 20,1952. 17 Sch9

79175 TRACY, P. H. The impact of industry trends on sanitation practices. 2. Dairy processing. Milk Plant Mon. 41(7):49-50,61-62,64. July 1952. 44.8 C864

79176 TWOMEY, T. P. J. The organisation of milk reception in the modern processing plant. So. African Dairyman 13:125-127,129-131. May 1951. 44.8 So822

79177 VAN BUSKIRK, M. G. The industry has a priceless ingredient in its charge. Ice Cream Trade J. 48(7):25,92-93. July 1952. 389.8 Ic2
Problem of the use of vegetable fats.

79178 VICTORIA, J. C. El cuajo líquido. Cult. Mod. 35:169-170. May 1952. 15 C89

79179 WAGNER, H. S. Dividends on your investment. (Abs.) Amer. Dry Milk Inst. Briefly 27:3-6. 1952. 44.9 Am35Br
Work of the American Dry Milk Institute.

79180 WASHINGTON. STATE DEPT. OF HEALTH. RURAL HEALTH COMMITTEE. The milk you drink, be sure it's safe pasteurized milk. Wash. State Col. Ext. C. 204,6 p.-folder. May 1952. 275.29 W27C
Home pasteurization.

79181 WELZ, O. Handbuch der eiskremherstellung. Kempten,Deutsche Molkerei-Zeitung,1951? 86 p. 389.2 W462

79182 WIESENDANGER, H. Sauberkeit bei der milchgewinnung sichert gute milchqualität. Grüne 80:714-719. June 27,1952. 17 Sch9

79183 WILSTER, G. H. New dairy building for Oregon State College. Butter, Cheese & Milk Prod. J. 43(7):22-24,58. July 1952. 286.85 B98Bu

79184 WILSTER, G. H. New dairy building for Oregon State College. Ice Cream Rev. 35(12):50,67-68, 70-71. July 1952. 389.8 Ic22

79185 WILSTER, G. H. New [Oregon State] College dairy plant. Ice Cream Field 60:48,50,74. July 1952. 389.8 Ic23

79186 WITZEL, S. A. The impact of industry trends on sanitation practices. 1. Dairy production. Milk Plant Mon. 41(7):46-48. July 1952. 44.8 C864

79187 ZAKARIASEN, B. M. 4 factors that spell uniform processed cheese. Food Engin. 24(7):65-67, 131-133. July 1952. 389.8 F737

79188 ZURAW, E., and MORGAN, M. E. Acetaldehyde production by Streptococcus lactis and Streptococcus lactis var. maltigenes. (Abs.) J. Dairy Sci. 35: 483-484. June 1952. 44.8 J822
Starters.

Statistics

79189 BEDRIJFSCHAP VOOR ZUIVEL. ECONOMISCH-STATISTISCHE AFDELING. Statistisch jaaroverzicht [Annual statistical report] 1951. n.p.,1951. 22 p. 259 B39

79190 U. S. BUR. OF AGRICULTURAL ECONOMICS. Monthly milk production on farms, selected States, 1930-49. Washington,1952. 16 p. 1.941 H2M593

FEED AND FORAGE CROPS

79191 ADAMSON, M. J. Feeders' feed mill. Feeds Illus. 3(6):8-9,39. June 1952. 389.78 F326

79192 BASCOMB, E. The egg and advertising. Feedstuffs 24(26):18. June 28,1952. 286.81 F322
Advertising the value of feeds.

79193 BEARSE, G. E. Which grains, and how much for poultry? Grain & Feed J. Consolidated 109:30-31. July 9,1952. 298.8 G762

79194 BECK, A. B. The composition of the Dwalganup strain of Subterranean clover. West. Austral. Dept. Agr. J. (ser.3)1:257-259. Mar./Apr.1952. 23 W52J

79195 BLOMKVIST, B. L. Organization of feed supply base on an enlarged collective farm [Borets Kolkhoz in Dmitrovskii District, Moscow Region]. (In Russian.) Kormovafà Baza 3(1):8-16. Jan.1952. 60.8 K84

79196 BRÜGGEMANN, J., DREPPER, K., and DREPPER, G. Beitrag zur bausteinanalyse von proteinen in futtermitteln. I. Tryptophanbestimmung in futtermitteln. Hoppe-Seyler's Z. f. Physiol. Chem. 289: 211-217. June 1952. 384 Z38

79197 CASH, J. G., HARSHBARGER, K. E., and GARDNER, K. E. A survey of stack silage in Illinois. Ill. Agr. Col. Ext. D633,6 p. May 5,1952. 275.29 IL62Pda

79198 DEGRAFF, H. Feed and people. Feeds Illus. 3(6):12,15-16,18. (Cont.) June 1952. 389.78 F326

79199 DICKEY, E. F. Fundamental selling in the feed business. Grain & Feed J. Consolidated 109:28-29. July 9,1952. 298.8 G762

79200 DIXEY, R. N., and TUTTON, M. J. Success and failure in grass drying. Farm Econ. 6:261-265. 1951. 281.8 F223

79201 ELAGIN, I. N. Economical feed expenditure according to norms. (In Russian.) Sotsialist. Zhivotnovod. 14(1):9-11. Jan.1952. 49 So71
Policy for collective farms.

79202 FANGAUF, R. Die kükenwuchsprüfung als biologische analyse zur ermittlung der wirkung von futtermitteln und wirkstoffen. Futter u. Fütterung 19/20: 145-146. Mar./Apr.1952. 389.78 F98

79203 GARAM, DE. La question des fourrages. Bouches du Rhône Agr. 24(1075):1. June 1,1952. 14 B662

79204 GOETZ, K. Die praxis zum heuhäckseln. Württemb. Wchnbl. f. Landwirt. 119:515-516. June 7, 1952. 18 W96

79205 KNODT, C. B., SKAGGS, S. R., and WILLIAMS, P. S. Three year's studies using sulfur dioxide as a preservative for forage crops. (Abs.) J. Dairy Sci. 35: 501. June 1952. 44.8 J822

79206 KRAEFT, N. F. Through the farmer's eyes. Flour & Feed 53(2):9-10. July 1952. 298.8 F66
Feed dealer services.

79207 KRÄMER, G. Planmässige futterwirtschaft. Landwirt. Wchnbl. f. Westfalen u. Lippe 109 A:951-952. June 19,1952. 18 L2346

79208 KUMMER, H. Ergebnisse der amtlichen futtermittelkontrollaktion 1950/51 in Nordbaden. Bad. Landwirt. Wchnbl. 119:392-393. June 7,1952. 18 B142

79209 LAIDLAW, R. A., and REID, S. G. Analytical studies on the carbohydrates of grasses and clovers. I. Development of methods for the estimation of the free sugar and fructosan contents. J. Sci. Food & Agr. 3:19-25. Ref. Jan.1952. 382 So12

79210 LEMP, R. Uber die zubereitung von küken-grütze. Mühle 89:260. (Cont.) Apr.24,1952. 298.8 M89

79211 MCNEAL, D. The general feed industry outlook. Grain & Feed J. Consolidated 108(12):24-26. June 25,1952. 298.8 G762

79212 MCNEAL, D. The outlook for the feed industry. Feedstuffs 24(27):22-24,42-44. July 5,1952. 286.81 F322

79213 MAINARDI, B. Preparation of feeds. (In Italian.) Humus 8(3):24-25. Mar.1952. 16 H88

79214 MARIMPIETRI, L. Integral utilization of forages. (In Italian.) Gior. di Agr. 62:173. June 8,1952. 16 It1G
Drying.

79215 MITTENDORF, H. J. Was ist milokorn? Agrarwirtschaft 1:145-147. June 1952. 281.8 Ag826
Production in the United States.

79216 NARRAMORE, M. Needs for feeds in '52-'53. Hatchery & Feed 26(7):28-30. July 1952. 47.8 H28

79217 NIESCHLAG. Die gefahren der selbstentzündung des heues. Landwirtbl. Weser-Ems 99:512-514. May 22,1952. 18 L2345

79218 ORTH, A. Noch einmal häckselheu. Württemb. Wchnbl. f. Landwirt. 119:580. June 28,1952. 18 W96

79219 SCHNEIDER, V. Ways to store hay for easier winter feeding. Successful Farming 50(7):34-35,66. July 1952. 6 Su12

79220 SCHOENLEBER, L. G. Effect of curing methods on nutrient content of forage crops. (Abs.) Assoc. South. Agr. Workers. Proc. 49:37. 1952. 4 C82

79221 SCHÜTZHOLD, G. Weideertragsermittlung bringt weideerfolg! Deut. Landwirt.-Gesell. Mitt. 67:391. May 24,1952. 18 N39

79222 SLAGLE, A. B. More grain acreage. Sowest. Crop & Stock 6(6):11,85. June 1952. 6 So8942
The feed grain situation in Texas.

79223 SPERLING. Über den wert von fischmehlen in abhängigkeit vom herstellungsverfahren. Futter u. Fütterung 19/20:140-142. Mar./Apr.1952. 389.78 F98

79224 STONEBURNER, P. W. Hay drying and storage structures in Virginia. (Abs.) Assoc. South. Agr. Workers. Proc. 49:34-35. 1952. 4 C82

79225 VAN ALLSBURG, E. J. Economics, merchandising and nutrition highlight Eastern Federation Feed Merchants annual convention. Feed Age 2(7):21-23, 43-44. July 1952. 389.78 F327

79226 VAN ALLSBURG, E. J., and BRINEGAR, T. 44th annual convention, American Feed Manufacturers Association Inc. Feed Age 2(6):27-42. June 1952. 389.78 F327

79227 WACKER. Überhitzung des heues in grösseren stapeln. Landwirtbl. Weser-Ems 99:532-533. May 29, 1952. 18 L2345

79228 WEISS, J. Zubereitung von futterhaferflocken. Müllerei 5:400. June 21,1952. 298.8 M91

FIBERS AND TEXTILES

79229 AHMID, N. Improved and more economical plytwisting of staple yarns. Textile Forum 9(3):61-62,77. June 1952. 304.8 T3191

79230 AMERICAN SOCIETY FOR TESTING MATERIALS. ASTM standards on textile materials (with related information). Philadelphia,1951. 597 p. 304 Am32
Includes tests for fibers and insect resistance.

79231 ANSON, R. R. Report on a visit to the spinning and weaving mills at Nzara, January, 1952. Empire Cotton Growing Rev. 29:167-170. July 1952. 72.8 Em7

79232 ARMITAGE, G. The Lancashire cotton trade from the great inventions to the great disasters. Manchester Lit. & Philis. Soc. Mem. & Proc. 92:24-39. 1951. 501 M31M

79233 ARSEN'EV, N. N. Ways of further improvement of quality and assortment of production. 3. In the silk industry. (In Russian.) Tekstil'. Promysh. 12(1):6-8. Jan.1952. 304.8 T23

79234 ARTHUR, J. C., JR., and MANY, H. G. Peanut protein fibers—flow characteristics of spinning solutions as affected by rate of extrusion. Amer. Dyestuff Rptr. 41:385-386. Ref. June 23,1952. 306.8 Am3

79235 BARBER, A. Silk promotion in the U. S. A. Internatl. Silk Assoc. B. 12:11-14. May 1952. 304.9 In82B

79236 BARÈGE, P. Le problème du jute dans le monde et au Maroc. Petit Casablancais 32(1573):5. May 10,1952. 280.8 P44

79237 BARLOW, F. D., JR. The competitive position of American cotton. (Abs.) Assoc. South. Agr. Workers. Proc. 49:161-162. 1952. 4 C82

79238 BELITSIN, N. M. Processing low-grade cotton. (In Russian.) Tekstil'. Promysh. 12(2):15-16. Feb.1952. 304.8 T23

79239 BIGGAR, J. T. M. L'industrie de la laine en Turquie. Mouton 7:63-67. June 1952. 45.8 M86

79240 BOMBAY cotton annual, 1950-51, No. 32. Bombay,1951. 277 p. 72.8 B63
Contains statistics.

79241 BONNET, F. Breve reseña de la seda artificial. Textiles Panamer. 12(7):25-27,56-59. July 1952. 304.8 T3142

79242 BOULTON, J. Recent progress in rayon technology and research. Textile Rec. Annu. Book Year 1951/52:137-141. Ref. 304.9 T314

79243 BOWER, R. P. The cotton textile industry in the U. K. Foreign Trade 11:803-805. June 28,1952. 286.8 C162

79244 BREDEE, H. L. Developments and prospects in the field of synthetic fibers. (In Dutch.) Chem. Weekbl. 48:282-288. Apr.19,1952. 385 C42
English summary.

79245 BROGLE, T. Zur konjunkturlage in der textilindustrie. Textil-Rundschau 7:209-210. May 1952. 304.8 T3139
Switzerland.

79246 BURGER, G. Die qualität des spinnens. Textil-Praxis 7:416-422. June 1952. 304.8 T3143
Cotton.

79247 CALDWELL, S. A. G. Flax and linen research. Textile Rec. Annu. Book Year 1951/52:145-146. 304.9 T314

79248 CARMICAL, J. H. Baja el precio del algodón extranjero. Peru. Dir. Gen. de Com. Inform. Com. 3 (28):5-7. Apr.1952. 286.9 P432

79249 CHEMASTER, A. Reducing static electricity on fibers through chemical application. Textile B. 78 (6):90-91. June 1952. 304.8 So82

79250 CLAY, J. Sanctity of contracts. Wool Rec. & Textile World 81:1645-1646. June 12,1952. 45.8 W884
Wool marketing.

79251 COOPERATIVA ALGODONERA SALVADOREÑA Documentos relativos a las labores de la Comisión de Estudio y Planeamiento de la Industria Textil. San Salvador,1951. 24 p. 304.9 Sa3

79252 COTTON, W. Lancashire at the crossroads—will 1951-52 prove to be a turning-point for the worse in the history of the Lancashire cotton industry? Textile Rec. Annu. Book Year 1951/52:36,42. 304.9 T314

79253 CREA, V. Repercussions of the textile crisis on the Italian agricultural economy. (In Italian.) Gior. di Agr. 62:182. June 15,1952. 16 It1G

79254 CRONJE, F. J. C. The textile industry in the Union of South Africa. So. African J. Econ. 20:23-30. Mar.1952. 280.8 So83

79255 CROWE, G. B. The economic implications of mechanization in cotton production. (Abs.) Assoc. South. Agr. Workers. Proc. 49:19. 1952. 4 C82

79256 DAWSON, J. L. Impact of governments on wool marketing. Wool Rec. & Textile World 81:1646. June 12,1952. 45.8 W884

79257 DEBODE, A. Comment fonctionne le marché à terme des laines á Roubaix-Tourcoing. Mouton 7:47. Apr.1952. 45.8 M86

79258 DIENER. Die "wirtschaftlichkeit" der wollproduktion. Deut. Landwirt. Presse 75:153. June 7, 1952. 18 D482
Prices.

79259 EKBERG, L. The flax factory at Laholm. (In Danish.) Lin 6:49-54. June 1952. 73.18 L63
English summary.

79260 FARRELL, A. Wool textile industry shows first serious decline in activity since end of war. Textile Rec. Annu. Book Year 1951/52:43-51. 304.9 T314
Great Britain.

79261 FEUELL, A. J., and JARMAN, C. G. Manila hemp from Malaya. Colon. Plant & Anim. Prod. 2:201-203. 1951. 472 C71

79262 FLEMING, L., JR. Reviews the world cotton situation. Cotton Gin & Oil Mill Press 53(14):11-12,43-47 July 5,1952. 304.8 C822

79263 GEISSLER, G. F. Cotton in the agricultural production program. Cotton Gin & Oil Mill Press 53(13): 22,36-37,39. June 21,1952. 304.8 C822

79264 GEISSLER, G. F. Cotton in the agricultural production program. Washington,U. S. Prod. & Mktg. Admin.,1952. 13 p. 1.42 W52G
Talk before the American Cotton Congress, Houston, June 19, 1952.

79265 GERWEN, J. A. M. VAN. L'évolution des prix de la laine en 1952. (In Dutch.) Econ.-Statis. Ber. 37: 408-410. May 28,1952. 280.8 Ec722
French summary, p.407.

79266 GOEDECKE, O., FIRM. Cotton variety map of the United States and Mexico. Hallettsville,Tex.,1951. 21 p. 72 G55

79267 GOLDBERG, J. B. Effect of newer fibres on viscose rayon. Canad. Textile J. 69(13):63-64,95. June 20,1952. 304.8 C16

79268 GRANDCLEMENT, G. Le coton dans le Nord-Cameroun. Marchés Colon. du Monde 8:1297. May 17, 1952. 286.8 M33
The industry.

79269 GRANT, J. N. Fiber strength and yarn strength. Textile Indus. 116(7):96-97. July 1952. 304.8 C823

79270 GRINDROD, J. New system of drying sisal. Textile Indus. & Fibres 13:225-228. July 1952. 304.8 F16

79271 GRÜNSTEIDL, E. Prüfung und bewertung der angorakaninchenwolle. Österr. Kleintierzüchter 11/12: 97-98. June 1952. 49 Os7

79272 HAMBY, D. S. Effect of moisture on capacitance-type evenness testers. Textile Forum 9(3):25-30. June 1952. 304.8 T3191
Cotton yarn tests.

79273 HEKKER, T. Method to observe impurities in viscose. Svensk Papperstidn. 55:395-396. June 15,1952. 302.8 Sv2

79274 HOPPER, T. H. Check sample testing of physical properties of cotton with instruments; a summary report prepared for the task group on interlaboratory check sample testing of cotton fibers. Textile Res. J. 22:472-475. July 1952. 304.8 T283

79275 INDIAN JUTE MILLS ASSOCIATION RESEARCH INSTITUTE. Report of the committee for the year ended 31st December, 1951. Calcutta,1952. 107 p. 304.9 In22

79276 INTERNATIONAL COTTON ADVISORY COMMITTEE. World cotton prices. Washington,1952. 7 p. 284.372 In8

79277 INTERNATIONAL wool conference. Wool Rec. & Textile World 81:1645-1647,1649. (Cont.) June 12, 1952. 45.8 W884
Papers presented at the 21st annual conference in London.

79278 IUDOVICH, A. L. On the operation of GD-12 combing machine in industrial conditions. (In Russian.) Tekstil'. Promysh. 12(2):10. Feb.1952. 304.8 T23
Cotton combing.

79279 JACKENDOFF, R. 'Myths' about price of wool hide facts vital to consumers. Mont. Wool Grower 26(7): 14. July 1952. 45.8 M762

79280 JOHNSON, B. Latest mill run test with new strains of cotton. (Abs.) Assoc. South. Agr. Workers. Proc. 49:180. 1952. 4 C82

79281 KATS, W. Les prévisions des prix sur le marché du coton brut. (In Dutch.) Econ.-Statis. Ber. 37: 410-411. May 28,1952. 280.8 Ec722
French summary, p.407.

79282 KEAYS, K. R. C. Wool scouring and the treatment of woolwashery effluent. (Sum.) So. African Indus. Chem. 6:33. Feb.1952. 385 So8

79283 KENNEDY, S. J. Use of fibres in military applications. Canad. Textile J. 69(13):57-62. June 20, 1952. 304.8 C16

79284 KLOCK, A. G., and CARTER, C. W. Variable-speed intermediate feed improves card roving. Textile World 102(7):105-108. July 1952. 304.8 T315
Wool.

79285 KROESE, W. T. What can the European cotton industry expect in connection with Japan. Internatl. Cotton B. 20(77):1-14. Jan./Feb.1952. 72.8 In8

79286 LEES, K., and ELSWORTH, F. F. A study of the alkali solubility test for determining the degree of fibre damage in wool. Soc. Dyers & Colour. J. 68:207-213. Ref. June 1952. 306.9 So1

79287 LEFORT, M. La ramie; une fibre d'avenir pour l'industrie du caoutchouc. Rev. Gén. du Caoutchouc 29:390-396. Ref. June 1952. 305.8 R32
English summary. p. 440.

79288 LIVINGSTONE, P. K. Flax and linen in Fife through the centuries. Kirkcaldy,1951. 43 p. 304 L76

79289 LORD, E. Changes in the world's cotton crops, 1939-1952. II. Empire Cotton Growing Rev. 29:182-198. July 1952. 72.8 Em7

79290 MCIVER, J. Today's fabrics. N. C. Agr. Col. Ext. Misc. Pam. 141,11 p. Jan.1952. 275.29 N811M

79291 MARTINET, R. The queen of fibers. (In Dutch.) Zeeuwsch Landbbl. 40(2127):20. June 21,1952. 12 Z2
Flax.

79292 MERCER, E. H. The supercontraction of keratin. Textile Res. J. 22:476-479. Ref. July 1952. 304.8 T293
Fibers.

79293 MERKEL, C. M., and MOORE, V. P. Gin stand operation. Cotton Gin & Oil Mill Press 53(13):18, 55-58. June 21,1952. 304.8 C822

79294 MISCHLING, F. Wiederaufleben des hanfbaues. Bauer 5(5):6-7. Feb.2,1952. 19 B32
Austria.

79295 MORNAND. Les difficultés de l'industrie cotonnière japonaise. Marchés Colon. du Monde 8:1733-1735,1739. June 21,1952. 286.8 M33

79296 NEW ORLEANS COTTON EXCHANGE. Directory of members, January 29, 1952. New Orleans,1952. 51 p. 287 N47D

79297 NEW YORK COTTON EXCHANGE. Cotton year book, 1951. New York,1952. 106 p. 287 N488Y

79298 O'BRIEN, G. A. The co-operative marketing of fleece wool in Canada. Toronto,1950,i.e.1952. 34 p. 280.2459 C16C
Thesis (M.S.) - Cornell University.
Canadian Co-operative Wool Growers, ltd.

79299 O'REILLY, D. F., and others. Properties of apparel wools. II. Modification of fiber surface during worsted processing. Textile Res. J. 22:441-447. Ref. July 1952. 304.8 T293
J. C. Whitwell, R. O. Steele, and J. H. Wakelin, joint authors.

79300 PEREZ PORTUGUES, J. Desaparecerá de Canarias el cultivo algodonero? Campo [Sevilla] 11 (119):25-26. Feb.1952. 15 C15

79301 PLATT, M. M., KLEIN, W. G., and HAMBURGER, W. J. Factors affecting the translation of certain mechanical properties of cordage fibers into cordage yarns. Fabric Res. Lab. Tech. Rpt. 6,41 p. Jan.1,1952. 304.9 F11

79302 RAJARAMAN, S., and SEN, D. L. Measurement of fineness of cotton fibres with the help of air permeameter. Indian Cent. Cotton Comt. Technol. Lab. Technol. B. Ser. B. 46,15 p. Jan.1951. 72.9 In2332B

79303 RAZUVAEV, A. A. Ways of further improvement of quality and assortment of production. 1. In the industry of bast fibers. (In Russian.) Tekstil'. Promysh. 12(1):3-5. Jan.1952. 304.8 T23

79304 REID, P. A. Merino woolgrowing in South Africa. Austral. Bur. Agr. Econ. Q. Rev. Agr. Econ. 5: 51-56. Apr.1952. 281.9 Au73

79305 REVIE, J. Some important aspects of jute research. Textile Rec. Annu. Book Year 1951/52:147-150. Ref. 304.9 T314

79306 ROBINSON, G. B. Recent progress in the British cotton industry. Cotton & Textiles J. 11(4):43, 47. Mar.1952. 304.8 C825

79307 ROBINSON, R. W. The mill market for cotton. (Abs.) Assoc. South. Agr. Workers. Proc. 49:127. 1952. 4 C82

79308 RODELO, D. DE O. Quality, factor of success. (In Portuguese.) Rev. dos Mercados 3(18):25-26. Feb. 1952. 286.8 R328
São Paulo cotton.

79309 SEMENOV, L. K. Ways of further improvement of quality and assortment of production. 4. In the hemp industry. (In Russian.) Tekstil'. Promysh. 12(1): 8-9. Jan.1952. 304.8 T23

79310 SESSA, G. Italian hemp interest states its case. Cordage World 33(393):12. July 1952. 73.8 C813

79311 SHCHUKIN, I. V. Ways of further improvement of quality and assortment of production. 5. In the wool industry. (In Russian.) Tekstil'. Promysh. 12(1):9-10. Jan.1952. 304.8 T23

79312 SHIRINOV, D. A. At the textile enterprises of Azerbaidzhan. (In Russian.) Tekstil'. Promysh. 12(2):6. Feb.1952. 304.8 T23

79313 TAKADA, R. On the stabilization prices for 1952-53 silk year. Internatl. Silk Assoc. B. 12:8-9. May 1952. 304.9 In82B

79314 TAKAMATSU, Y. Japan is doing something about silk. Rayon & Synthetic Textiles 33(7):32-33,41-42,45. July 1952. 304.8 R21
Industrial reeling and packaging.

79315 TARASOV, S. V. For best utilization of flax fiber. (In Russian.) Tekstil'. Promysh. 12(2):16-17. Feb.1952. 304.8 T23

79316 TEXTILE RECORDER. Annual; book of the year 1951-52. London,1952. 219 p. 304.9 T314
Includes the fiber position.

79317 TEXTILRADET. Arsberättelse [Annual report of the Textile Institute] 1951. Stockholm,1952. 65 p. 304.9 T316

79318 TOBLER, G. P., and TOBLER, F. Mikroskopische untersuchung pflanzlicher faserstoffe. Ed. 2 of "Anleitung zur Mikroskopischen Untersuchung von Pflanzenfasern." Leipzig,Hirzel,1951. 171 p. 73 T55

79319 U. S. EXTENSION SERV. Buying women's street dresses (man-made fibers and cotton), by A. Linn. Washington,1952. 4 p. 1.913 H4B98

79320 U. S. PRODUCTION AND MARKETING ADMIN. American Egyptian grade standards meeting of 1951. Washington,1951. 18 p. 1.956 C82Am32

79321 U. S. PRODUCTION AND MARKETING ADMIN. Supply and distribution of linters by chemical and mechanical qualities and uses. Washington,1951? 1 p. 1.956 C82Su72

79322 URQUHART, A. R. La rayonne à l'acétate de cellulose. Rayonne et Fibres Synthétiques 8(6):60-66. June 15,1952. 304.8 R214

79323 USENKO, V. A. Planning the utilization of raw material in silk mill production. (In Russian.) Tekstil'. Promysh. 12(1):12-13. Jan.1952. 304.8 T23

79324 VANCHIKOV, A. N. GD-12 combing machine. (In Russian.) Tekstil'. Promysh. 12(2):9-10. Feb.1952. 304.8 T23

79325 WEBB, R. W., and RICHARDSON, H. R. Fibre measurements of second-drawing sliver compared with those of raw cotton in relation to yarn strength and yarn appearance. Internatl. Cotton B. 20(77):98-99. Jan./Feb. 1952. 72.8 In8

79326 WILSON, R. T. The romance of cashmere. Westralian Farmers Co-op Gaz. 22:265-266. Apr.1952. 280.28 W522

79327 WINDEL, D. Developments in the world raw cotton situation during the 1951-52 season. Empire Cotton Growing Rev. 29:202-209. July 1952. 72.8 Em7

79328 WOOD, F. C. Non-felting wool. (Sum.) Dyer 107:869. June 13,1952. 306.8 D98

79329 WOOL INDUSTRIES' RESEARCH ASSOCIATION. Directors' report for 1951-52. Textile Indus. & Fibres 13:190-192. (Cont.) June 1952. 304.8 F16

79330 YEATES, J. F. Vicara comes of age. Chemurg. Digest 11(7):4-5. July 1952. 381 N213Na

FRUITS, VEGETABLES, AND NUTS

79331 ARMSTRONG, P. S. The importance of freshness. Appleland News 16(3):10-13. Mar.1952. 80 Ap53
Citrus industry in California.

79332 ARNDT, E. Woran krankt denn unser obstbau? Bauern-Ztg. 5(23):11-12. June 6,1952. 18 B324
Germany.

79333 BATESON, C. The future of Blue Lake beans. West. Canner & Packer 44(6):143,145-146,148. May 25, 1952. 286.83 W522

79334 BORGSTROM, G. Development of the fruit must industry. (In Swedish.) Svensk Jordbrforsk. 1951: 212-223. 11 J763

79335 CARDIFF, I. D. The apple is still tops in the Pacific Northwest. West. Canner & Packer 44(6):151-152,154. May 25,1952. 286.83 W522

79336 DASSLER, E. Westdeutsche obst- und gemüsebilanz 1951. Obst u. Gemüse 4:555-556. June 12,1952. 286.83 Ob72

79337 DECKERT. Quitten-zucht in Italien. Übersicht 3(5):64. May 1952. 18 Ub3

79338 DUERNBERGER, G. W., and SHAW, T. New papaya products. Hawaii. Agr. Expt. Sta. Prog. Notes 77,3 p. Apr.1952. 100 H313P

79339 FLEWELL-SMITH, B. The South African pineapple industry. Queensland Fruit & Veg. News 2(17): 2-3. Mar.14,1952. 280.38 Q3

79340 FONT DE MORA, R. La industrialización de los frutos cítricos. Siembra [Madrid] 8(4):34-35. Apr.1952. 15 Si1

79341 GOOR, A. Raisins. (In Hebrew.) Hassadeh 32: 235-237,279-281. Feb.-Mar.1952. 26 H27

79342 HEWITT, E. What of the future? Ontario Crop Impr. Assoc. Addresses & Proc. 15:154-156. 1952. 64.9 On83
Potato industry.

79343 HOUBE, P. La situation commerciale et agricole des agrumes en Algérie. Élevage et Cult. 4(41): 5-6. May 1952. 24 EL2

79344 JENKINS, F. H. Big summer melon harvest. West. Grower & Shipper 23(8):10,12,14. July 1952. 280.38 W52

79345 KHOSHTARIÍA, S. G. Fruit and vegetable production on the 34th anniversary of October. (In Russian.) Sad i Ogorod 11:3-6. Nov.1951. 80 Sa13

79346 KLAASSEN, P. Fruit culture in East Zealand-Flanders. (In Dutch.) Zeeuwsch Landbbl. 40(2127):21-22. June 21,1952. 12 Z2
The industry.

79347 MAASS, H. Die pektine. Braunschweig,Serger & Hempel,1951. 415 p. Ref. 387.1 M11
Includes fruit pectins.

79348 MARESCALCHI, C. Fruit and vegetable juices a safety valve for our horticultural production. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(54): 5-6. June 25,1952. 281.8 Ag3

79349 PAULUS, R. C. The Northwest outlook on Bartlett pears-prunes. West. Canner & Packer 44(6): 185-186,189-190,192-194. May 25,1952. 286.83 W522

79350 RAO, N. S. A short note on tapioca. Mysore Agr. J. 27:70-73. July/Sept.1951. 22 M993

79351 A REVIEW of the western citrus juice industry. West. Canner & Packer 44(6):197-198,200,219. May 25, 1952. 286.83 W522

79352 SCHREIBER, W. R. India cashew crop forecast down. Calif. Fruit News 125(3337):9. June 21,1952. 80 C12

79353 SINCOCK, R. L. The decline of the Washington apple. Wash. Farmer 77:499,514. June 19,1952. 6 R151

79354 SMEENK, H. H. Potato culture of great importance. (In Dutch.) Landbode 6(21):1-2. May 22,1952. 12 L234
Netherlands.

79355 SOLA SALADRIGAS, F. J. Lo que es y representa el II Congreso Internacional Citrícola de los Países Mediterráneos. Siembra [Madrid] 8(4):11. Apr.1952. 15 Si1

79356 TICHIO, R. J. Nuts for your candies; origin and development of filberts and walnuts and their suitability for use in candy production. Internatl. Confectioner 62(6):24. June 1952. 389.8 In214

79357 UNION OF SOUTH AFRICA. CONTROLLER AND AUDITOR-GENERAL. Report on the accounts of the Citrus Board for the accounting period 1st March, 1949 to 31st January, 1950 and the balance sheet as at 31st January, 1950. Pretoria,1952. 29 p. 286.9 So83

79358 ZENS. Gemüse-, obst- und gartenbau. Raiffeisen-Rundschau 4:109-110. May 1952. 284.28 R132
The industries in Germany.

Analysis and Composition

79359 ARRIETA E., C. Estudio químico bromatológico de diversas variedades de Phaseolus vulgaris (frijol). (Abs.) Rev. Bras. de Quim. (Cien. & Indus.) 33: 228. Apr.1952. 385 R322

79360 BLONDEL, L., and BALESTRIERI, L. Méthode d'analyse des jus d'oranges employée pour la détermination de la maturité. Fruits et Primeurs de l'Afrique du Nord 22:193-197. May 1952. 80 F9482

79361 BURDZHANADZE, V. F. Determining the sugar content in grapes by means of a transference number. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10): 17-18. Oct.1951. 95.8 V77

79362 CANADA. DEPT. OF AGRICULTURE. SCIENCE SERV. DIV. OF BACTERIOLOGY AND DAIRY RESEARCH Methods for the bacteriological and chemical analyses of dehydrated vegetables. Ottawa,1951. 14 p. 389.3 C1651

79363 EISENBERG, W. V. Factory control of extraneous matter in tomato products. Canning Trade 75:7-8. July 21,1952. 286.83 T67

79364 FAVILLE, L. W., and H[illegible]L, E. C. Acid-tolerant bacteria in citrus juices. Food Res. 17:281-287. Ref. May/June 1952. 389.8 F7322

79365 FLACCOMIO, E. For better knowledge of our fruit: the cherry, food and drug. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(48):8-9. June 11,1952. 281.8 Ag3
Composition and properties.

79366 GARCIA GUILLINTA, M. J. Investicación de la solanina en la papa. (Abs.) Rev. Bras. de Quim. (Cien. & Indus.) 33:230. Apr.1952. 385 R322

79367 HOOVER, M. W., and DENNISON, R. A. The correlation of certain physical and chemical measurements with six stages of maturity of the southern pea (Vigna sinensis). (Abs.) Assoc. South. Agr. Workers. Proc. 49:114-115. 1952. 4 C82

79368 KEHR, A. E. Soluble solids and their determination in onions. (Abs.) Assoc. South. Agr. Workers. Proc. 49:110. 1952. 4 C82

79369 LE RICHE, F. J. H. Studies on the processing of vegetables. III. The chemical composition and nutritional value of lettuce varieties. (Lactuca sativa L.). Union So. Africa. Dept. Agr. Sci. B. 260,7 p. Ref. 1951? 24 So84S

79370 ROBINSON, W. B., and others. A study of methods for the measurement of tomato juice color. Food Technol. 6:269-275. Ref. July 1952. 389.8 F7398
T. Wishnetsky, J. R. Ransford, W. L. Clark, and D. B. Hand, joint authors.

79371 SÁNCHEZ MORENO, E., and FERNÁNDEZ R., G. Determinación de tirosina y triptofano en algunos peces de costa peruana y alimentos vegetales. (Abs.) Rev. Bras. de Quim. (Cien. & Indus.) 33:227. Apr.1952. 385 R322

79372 STRACHAN, C. C., and others. Chemical composition and nutritive value of fruits. Bottler & Packer 26(6):78. June 1952. 390.8 B65
A. W. Moyls, F. E. Atkinson, and J. E. Britton, joint authors.

79373 TROY, V. S. Mold counting of tomato products. Continental Can Co. B. 30,44 p. Ref. 1952. 389.9 C7624

79374 VANASSE, N. A. Quality control in potatoes. South. Food Processor 13(5-A):19. May 31,1952. 389.8 So82
Specific gravity as a quality control measure.

79375 WHITTENBERGER, R. T. Factors which affect the drained weight and other characteristics of heat-processed red cherries. Food Res. 17:299-306. May/June 1952. 389.8 F7322

Consumption and Utilization

79376 CRUESS, W. V. Other uses for prunes. West. Canner & Packer 44(6):177,179-181,183. May 25,1952. 286.83 W522

79377 HAENDLER, L., and PY, C. Utilisation des déchets de conserveries d'ananas. Fruits 7:231-233. May 1952. 80 F9492

79378 HALPERIN, D. R. DE, and others. Industrialización de fruta de descarte; producción de álcohol a partir de jugo de mandarina. Argentina. Dir. Gen. de Invest. Agr. IDIA 5(49):8-15. Ref. Jan.1952. 9 Id3
A. de E. de Migoya, J. D. Faldini, and A. S. Schatz, joint authors.

79379 NEIGHBOR, H., FLETCHER, M. G., and ALLEN, G. E. Consumer buying of fruits. Kans. State Col. Agr. Ext. L. 16,4 p. Apr.1952. 275.29 K13Le

79380 SAMUELS, J. K. Citrus feed for cattle beats waste problems to a pulp. News Farmer Coop. 19(4): 8-10. July 1952. 166.2 N47
Processing by citrus cooperatives.

79381 WIGHT, M. Food value and consumer preference. Ontario Crop Impr. Assoc. Addresses & Proc. 15: 124-127. 1952. 64.9 On83
Potatoes.

79382 WIT, W. DE. Fruit and vegetables per capita of population. (In Afrikaans.) Vakbl. v. de Groothandel in Aardappelen, Groenten en Fruit 6(22):16. May 30, 1952. 286.28 V22
Consumption in the Netherlands.

Distribution, Marketing, and Transportation

79383 AMERICAN CRANBERRY EXCHANGE. Annual report, 1951. n.p.,1951. 15 p. 81 Am351

79384 BABSON, R. W. Deflect gravity from trucks, halt highway ruin. Fla. Grower 60(7):13,42. July 1952. 80 F6622
Fruit and vegetable transportation.

79385 BARÈGE, P. Le marché allemand des fruits et primeurs. Petit Casablancais 32(1556):1-2. Jan.12,1952. 280.8 P44

79386 BENZ, R. G. A bushel and a peck. Hoosier Hort. 33:147-155. Nov./Dec.1951. 81 In2H
Apple marketing.

79387 BRESSLER, R. G. Efficiency in fruit marketing; marketing costs for deciduous fruits. Giannini Found. Agr. Econ. Mimeog. Rpt. 127,15 p. May 1952. 281.9 G34M

79388 BRESSLER, R. G. Studies on efficiency in fruit marketing practices; marketing costs for apples, pears, table grapes from Pacific Coast States examined in study aimed at improved efficiency and lowered costs. Calif. Agr. [Calif. Sta.] 6(6):8-9,12. June 1952. 100 C12Cag

79389 CAPUS, J. P. Grower groups can promote vegetables with TV films. Mkt. Growers J. 81(6):34-35. June 1952. 6 M34

79390 CLAYPOOL, L. L., and MORRIS, L. L. Air transit of perishables provides wider distribution, out-of-season markets, improved eating quality for some fruits and vegetables. Calif. Agr. [Calif. Sta.] 6(6): 6,15. June 1952. 100 C12Cag

79391 DAHILL, E. J. Railroad containers and the fresh fruit and vegetable industry. Appleland News 16(4): 6-12. Apr.1952. 80 Ap53

79392 DELOACH, D. B. Fresh versus processing market outlets for southeastern fruits and vegetables. (Abs.) Assoc. South. Agr. Workers. Proc. 49:100. 1952. 4 C82

79393 FERNÁNDEZ PEÑA, S. El transporte terrestre de frutos cítricos. Siembra [Madrid] 8(4):20-22. Apr.1952. 15 Si1
Spain.

79394 FIDLER, J. C. Refrigerated marine transport of fresh fruits. Chem. & Indus. 24:531-533. June 14, 1952. 382 M31C

79395 FLORIDA CITRUS EXCHANGE. Annual report for 1951-1952. n.p.,1952. 34 p. 81 F664

79396 FRANCISCO, D. The story of Sunkist advertising. Hoosier Hort. 34:69-80. (Cont.) June 1952. 81 In2H

79397 HAMILTON, H. G. Benefits of a coordinated research program as illustrated by citrus. (Abs.) Assoc. South. Agr. Workers. Proc. 49:124. 1952. 4 C82
Marketing research.

79398 HARTLINE, B. F. Our coming Illinois experiment in hydro-cooling of peaches. N. J. State Hort. Soc. Hort. News 33:2521,2524,2530,2532. May 1952. 81 N46

79399 HILLHOUSE, W. F. Market for rutabagas in southeastern United States. Ontario Crop Impr. Assoc. Addresses & Proc. 15:179-181. 1952. 64.9 On83

79400 HUTCHINSON, C. F. Your advertising program. Cranberry World 6(2):10-12. June 1952. 280.28 C85

79401 ISAACSON, I. Tests show moderate refrigeration is best in shipping potatoes. West. Grower & Shipper 23(8):42,47-48. July 1952. 280.38 W52

79402 JENSEN, W. S. Origin and destination findings, containers, loading and transit refrigeration in relation to quality maintenance. Appleland News 16(4):20. Apr. 1952. 80 Ap53
Fruit and vegetables.

79403 KALTSCHMIDT, W. Handschuhsheim und sein erzeugergrossmarkt. Obst u. Gemüse 4:620-621. June 26,1952. 286.83 Ob72

79404 KREISER, R. F. Spring spuds move to market. Fruit & Veg. Rev. 14(2):20-21. May 1952. 80 C1224

79405 LAARMAN, N. A. Possibilities for marketing soft fruit. (In Dutch.) Fruitteelt 42:508-509. June 26, 1952. 86 N28
Netherlands

79406 LAVIGNE, N. F. Florida Citrus Mutual. Citrus Indus. 33(7):11-13. (Concl.) July 1952. 80 C49

79407 LINECKER, K. Zwischenstaatlicher obstabsatz. Bauer 5(21):2-3. May 31,1952. 19 B32
Austria.

79408 LONDON FRUIT AND VEGETABLE TRADES FEDERATION. Will state auctions mean cheaper fruit and vegetables? By J. B. Cooper-Reade. London,1951? 7 p. 280.3 L844

79409 MCANALLY, J. N. Bean canvassing, some reflections. Queensland Fruit & Veg. News 2(27):25. May 23,1952. 280.38 Q3

79410 MCGAHA, M. The case for variety. Mktg. Activ. 15(5):7-8. May 1952. 1.942 A8M34
Marketing fruits and vegetables.

79411 MULVILLE, R. W. The story of the Florida Citrus Commission. III. 1946-1952. Citrus Indus. 33(7): 9-10. July 1952. 80 C49

79412 NAPOLI, P. J. The delivering carriers' place in the fruit and vegetable storv. Appleland News 16(3):20-22. Mar.1952. 80 Ap53

79413 NEWMAN, M. D. The competitive position of Virginia apples in Richmond markets. Va. Fruit 40(6): 30,32-36. June 1952. 81 V81B

79414 NILSSON, R. Experiments with transportation of vegetables. (In Swedish.) Svensk Jordbrforsk. 1951: 224-235. 11 J763

79415 PLASSE, J. J. V. D. Important auction data. (In Dutch.) Betuws Tuinbouwbl. 10(7):5. June 7,1952. 80 B464
Fruit.

79416 POLLOCK, R. J. Direct sales. Ontario Crop Impr. Assoc. Addresses & Proc. 15:195-206. 1952. 64.9 On83
Turnips.
Includes discussion.

79417 SHAY, F. M. Equity deductions bear interest, returned to grower in seven years. Sunsweet Standard 36(2):5,12. July 1952. 286.83 Su7
Fruit cooperatives.

79418 SHOWALTER, R. K. Improved packaging and handling methods for marketing Florida tomatoes. (Abs.) Assoc. South. Agr. Workers. Proc. 49:128. 1952. 4 C82

79419 SMITH, E. H. G. The market for mangoes and mango products. Colon. Plant & Anim. Prod. 2:188-195. Ref. 1951. 472 C71

79420 SMITH, S. R. Should growers and shippers be interested in better retailing. Washington,U. S. Prod. & Mktg. Admin.,1952. 5 p. 1.9422 A2Sm6
Remarks before the United Fresh Fruit and Vegetable Association at Cleveland, Jan. 31, 1952.

79421 SPURLOCK, A. H. Marketing Florida tomatoes. (Abs.) Assoc. South. Agr. Workers. Proc. 49:128-129. 1952. 4 C82

79422 STEVENS, J. The Chicago produce market. Fruit & Veg. Rev. 14(2):16-17. May 1952. 80 C1224

79423 SWANBERG, S. G. Prune industry plans sales promotion drive. West. Fruit Grower 6(7):19-20. July 1952. 95.8 G762

79424 TESCHE. The annual report for the 1951 crop season. Diamond Walnut News 34(4):1-2,21-23. July 1952. 94.68 D34
California Walnut Growers Association.

79425 THOMAS, P. H. Fruit cases—stencils and labels. Tasmanian J. Agr. 23:127. May 1952. 23 T182T

79426 U. S. BUR. OF AGRICULTURAL ECONOMICS. Strawberry marketing and related production practices among Negro growers in Louisiana, 1950 season, by F. C. Temple. Washington,1952. 42 p. 1.941 M1St8

79427 VERVLOET, C. On the selling possibility for roots of the yam plants (Dioscoreaceae) that grow wild in Sumatra. (In Dutch.) Bergcultures 21:181,183. May 1,1952. 22.5 B45

79428 WENZEL, F. W., and others. Evaluation and use of citrus juice dispensers. Quick Frozen Foods 14(12):49-51,96-97. July 1952. 389.8 Q4
C. D. Atkins, E. C. Hill, R. L. Huggart, and R. W. Olsen, joint authors.

79429 WINSTON, J. H., HRUSCHKA, H., and CUBBEDGE, R. Effects of various treatments of decay in tangerines. 2. Citrus Indus. 33(7):6-7,13,18. July 1952. 80 C49
In transit.

79430 WOODWORTH, H. C. Progress report on harvesting and marketing cucumbers for pickles under contract. N. H. Agr. Expt. Sta. Agr. Econ. Res. Mimeog. 8,18 p. Jan.1951. 281.9 N452

Grading, Inspection, Standardization, and Quality

79431 ANDERSON, W. S. Keeping qualities of two new sweetpotato varieties studied in storage experiments. Miss. Farm Res. [Miss. Sta.] 15(5):7. May 1952. 100 M69Mi

79432 BLAIR, J. S., and others. Exploratory experiments to identify chemical reactions causing flavor deterioration during storage of canned orange juice. I. Incompatibility of peel-oil constituents with the acid juice. Food Res. 17:235-260. Ref. May/June 1952. 389.8 F7322
E. M. Godar, J. E. Masters, and D. W. Riester, joint authors.

79433 BOWRING, J. R. Potato quality at the retail level in New Hampshire. N. H. Agr. Expt. Sta. Agr. Econ. Res. Mimeog. 9,3 p. Feb.1951. 281.9 N452

79434 COBB, J. S. Potato quality associated with variety and maturity. Pa. Agr. Expt. Sta. B. 540(sup.3): 9-10. June 1952. 100 P381

79435 CROCE, F. M. Clasificación y empaque de cerezas. Pampa Argentina 25(293):18-19. (Cont.) May 1952. 9 P19

79436 FORD, O. W., and BURKHOLDER, C. L. Mercury spray residues: their estimation on apples at harvest time. Agr. Chem. 7(7):44-47,123. July 1952. 381 Ag8

79437 GASTON, H. P., and LEVIN, J. H. Field grading red tart cherries. Mich. Agr. Expt. Sta. Q. B. 34: 343-349. May 1952. 100 M58

79438 HARRIS, H. Quality—suggestions for improving quality in fruit products. South. Food Processor 13 (5-A):18-19. May 31,1952. 389.8 So82

79439 HENLEY, J. T. First year under revised apple grades. Va. Fruit 40(6):16,18. June 1952. 81 V81B

79440 HUME, R. E. Terminal inspections under the Produce Act. Oreg. Dept. Agr. Agr. B. 174:20-21. June 1952. 2 Or3

79441 KASTING, R., and HARCOURT, D. G. Parathion residues of cauliflower heads after spraying. Sci. Agr. 32:299-303. June 1952. 7 Sci2

79442 MCCOWARD, D. J. Grading and inspection of fresh fruit and vegetables in the U.S.A. Gt. Brit. Min. Agr. Agriculture 59:135-139. June 1952. 10 G79J

79443 PEARSALL, L. W. Facts about potato quality. Ontario Crop Impr. Assoc. Addresses & Proc. 15:119-123. 1952. 64.9 On83

79444 PERRET, J. E., and LESPES, L. Essai sur l'effet désinsectisant du conditionnement moderne des agrumes. Terre Marocaine 26:179-182. May 1952. 24 T44
Insect residues remaining in cannery fruit before and after cleaning.

79445 RODGERS, J. F. Quality in French beans. Queensland Fruit & Veg. News 2(26):20-21. May 9,1952. 280.38 Q3

79446 SASTRY, L. V. L., and TISCHER, R. G. Stability of the anthocyanin pigments in Concord grape juice. Food Technol. 6:264-268. Ref. July 1952. 389.8 F7398

79447 SAYRE, C. B. Tenderometer grades, yields and gross returns of peas. Canning Trade 74(51):8-9. July 7,1952. 286.83 T67

79448 SONDHEIMER, E., and KERTESZ, Z. I. The kinetics of the oxidation of strawberry anthocyanin by hydrogen peroxide. Food Res. 17:288-298. Ref. May/June 1952. 389.8 F7322

79449 SOUTHERLAND, F. L. Quality in processed fruits and vegetables. (Abs.) Assoc. South. Agr. Workers. Proc. 49:100-101. 1952. 4 C82

79450 TÄGER, W. Eine neue kartoffelsortiermaschine. Deut. Agrartech. 2:107-108. Apr.1952. 58.8 W482

79451 TAYLOR, H. The Produce Act. Oreg. Dept. Agr. Agr. B. 174:17-18. June 1952. 2 Or3
Regulation of produce in Oregon.

79452 TINNEY, H. R. Standardisation of domestic grades. Austral. Food Mfr. & Distrib. 21(11):16. June 5,1952. 389.8 Au7
Canned fruit.

79453 U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of processed fruits and vegetables (Canned, dried, and frozen). Washington, 1952. 3 p. 1.9422 Fr5Un3

79454 U. S. PRODUCTION AND MARKETING ADMIN. U. S. standards for raspberries for processing. Washington,1952. 3 p. 1.956 A2Un3242

79455 UPSHAW, W. E. The consumer and wholesale grades for perishables. Oreg. Dept. Agr. Agr. B. 174: 12-14. June 1952. 2 Or3

Packing and Packaging

79456 CLARK, R. Modern ways of packing and preservation of fruit. Countryman [Nicosia] 6(3):9. Mar. 1952. 25 C83

79457 COLVIN, E. M. To "small-pack" or not to "small-pack" potatoes before shipping. Agr. Situation [Washington] 36(6):11. June 1952. 1 Ec7Ag

79458 JAMISON, F. S., and SHOWALTER, R. K. The prepackaging of vegetables and fruits at port of origin. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 105. 1952. 4 C82

79459 PETERSON, V. E. From the growers' viewpoint packaging pays. West. Grower & Shipper 23(8):19-20. July 1952. 280.38 W52
Asparagus.

79460 ROCASOLANO, C. El cartón ondulado y el ensacado de las patatas. Cult. Mod. 35:178-179. May 1952. 15 C89

79461 RYGG, G. L., and MCCOY, W. W. Lettuce prepackaging tested. West. Grower & Shipper 23(8):44-46,49-50,52,54. July 1952. 280.38 W52

79462 SCHWILCH, W. Erfahrungen mit der einlagerung von süssmost und traubensaft nach dem vakuumwarmverfahren in flaschen mit festem verschluss. Schweiz. Z. f. Obst- u. Weinbau 61:257-261. June 28, 1952. 80 Sch9

79463 SMITH, R. J. Modern lemon packing. Good Packaging 13(6):17-19. June 1952. 280.38 G59

79464 WILLIAMS, L. R. Prepackaging fresh cranberries. Pre-Pack-Age 5(11):26-27,30. July 1952. 280.38 P91

Prices, Price Control, and Rationing

79465 BOTKIN, C. E. Let's stop this tragedy of errors! Packer 58(30,sect.B):6-11. June 28,1952. 286.8 N483
Kern County potato price supports.

79466 ROBERTS, F. W. Proposed Federal legislation unfair to Connecticut vegetable growers. Conn. Farmer 7:5,13. June 1952. 6 C763
Price ceilings.

79467 STORY, R. P. The trend in Vermont apple prices and grower marketing costs for 1947. Vt. Agr. Expt. Sta. Misc. P. 2,42 p. Feb.1951. 100 V59M

Processing and Storage

79468 ALM, F. The effect of acetic acid on the oxidation of ascorbic acid in plant tissue. I. Cabbage. Internatl. Z. f. Vitaminforsch. 23:459-470. 1952. 389.8 Z33

79469 ANTONIANI, C. Recent trends in the use of low temperatures for the preservation of horticultural products. (In Italian.) B. dell'Agr. 86(22):1-2. May 30, 1952. 16 B87
Quick freezing.

79470 ATTAYA, R. B., and HAWTHORNE, P. L. The effect of storage at different temperatures on color of Louisiana strawberries preserved. (Abs.) Assoc. South. Agr. Workers. Proc. 49:112. 1952. 4 C82

79471 BARREIRO TROCOSO, E. El empleo de los rayos infra-rojos en la desecación de frutos. I. Castañas. An. de Bromatología 4:109-114. 1952. 389.8 An1
English summary.

79472 BARTON, R. R. New use for Concord grapes; frozen-concentrated grape juice makes dessert mixes with definite grape flavor, attractive color. Food Packer 33(7):38,61-62. July 1952. 286.83 C165

79473 BERLINER, J. J., & STAFF, NEW YORK. Fruit juice concentrate. New York,1952? 28 p. 389.3 B454
Manufacture.

79474 BEYERS, E. Storage tests with onions. Farming So. Africa 26:159-160. May 1951. 24 So842

79475 BHATIA, D. S. Processing and food value of tapioca and its products. Indian Coffee Bd. Mon. B. 16: 6-9. Jan.1952. 68.29 In23M

79476 BLOODWORTH, L. The commercial processing of fruits and vegetables in the Southeast. (Abs.) Assoc. South. Agr. Workers. Proc. 49:99-100. 1952. 4 C82

79477 BOND, E. C. Storage. Ontario Crop Impr. Assoc. Addresses & Proc. 15:166-167. 1952. 64.9 On83
Potatoes.

79478 BORGSTRÖM, G. Äpple- och ciderfrågen [The apple and cider problem]. Stockholm,Eklunds,1951. 26 p. 390.1 B644

79479 BRUCE, W. M. Experimental fruit and vegetable processing kitchen for locker plants. (Abs.) Assoc. South. Agr. Workers. Proc. 49:121. 1952. 4 C82

79480 CROCE, F. M. Maduración de las cerezas. Pampa Argentina 25(291):22-23. (Cont.) Mar.1952. 9 P19
Processing.

79481 DADIN TENREIRO, J. M. Como hay que guardar la patata de siembra. Balearic Isl. Diputación Prov. B. de Agr. 91:7-9. Apr.1952. 15 B19

79482 DAVIDSEN, O. Fruit and vegetable canning in Denmark 1951-52. (Sum.) (In Danish.) Konserves 10: 45-47. Apr.1952. 389.8 K835

79483 DAVIS, L. E., MARKS, A. R., and KILBUCK, J. H. Prune dehydrater labor can be used more efficiently with mechanical aids. West. Fruit Grower 6(7):11-13. July 1952. 95.8 G762

79484 DENNISON, R. A., HALL, C. B., and NETTLES, V. F. Effect of environment on tomato quality. (Abs.) Assoc. South. Agr. Workers. Proc. 49:118-119. 1952. 4 C82

79485 DENNISON, R. A. The influence of processing method on the texture of canned celery stalks. (Abs.) Assoc. South. Agr. Workers. Proc. 49:113-114. 1952. 4 C82

79486 DEXTER, S. T., and SALUNKHE, D. K. Improvement of potato chip color by hot water treatment of slices. Mich. Agr. Expt. Sta. Q. B. 34:399-402. May 1952. 100 M58

79487 DOBISLAW, E. Gewinnung von fruchtsäften für die spirituosenherstellung. Branntweinwirtschaft. 74:195-200. June 10,1952. 390.8 B7322

79488 DUPREE, W. E., and WOODROOF, J. G. Sweet potato processing problems. (Abs.) Assoc. South. Agr. Workers. Proc. 49:104-105. 1952. 4 C82

79489 DYE, D. W. Reduction of soft rot [Erwinia carotovora] in stored carrots. New Zeal. J. Agr. 84:314. Apr.1952. 23 N48J

79490 FRIEDMAN, B. A. Vacuum cooling upheld in tests. West. Grower & Shipper 23(8):21-22,24,31. July 1952. 280.38 W52
Vegetables.

79491 GARAY, O. A., and PASQUALE, D. R. Primeros resultados de los ensayos sobre inhibición de brotación en papa. Argentina. Dir. Gen. de Invest. Agr. IDIA 5(49):1-4. Jan.1952. 9 Id3

79492 GROLLERON. Construisez un évaporateur pour la conservation de vos fruits et légumes. Rustica 25:580-581. June 22,1952. 14 R92

79493 GÜLDENPFENNIG, F. Die klärung von süssmosten. Branntweinwirtschaft. 74:202-206. June 10,1952. 390.8 B7322

79494 HARDISTY, S. E. Gas storage of apples. West. Austral. Dept. Agr. J. (ser.3)1:227-229. Mar./Apr. 1952. 23 W52J

79495 HAYNES, D. O. Engineering fruit flow to cut costs. Amer. Fruit Grower 72(7):13,26-27. July 1952. 80 G85

79496 HAYNES, R. D. Latest developments and concepts in the sanitizing of fruit and vegetable processing plants. (Abs.) Assoc. South. Agr. Workers. Proc. 49:119. 1952. 4 C82

79497 HEISS, E. A. Decco for potatoes. Badger Common 'Tater 5(5):14-15. May 1952. 75.8 B14
Potato washing process.

79498 JOHNSON, G., and JOHNSON, D. K. Natural flavor retained in new frozen uncooked apple pulp. Food Technol. 6:242-245. July 1952. 389.8 F7398

79499 KANAEV, A. F., and CHEKOTILLO, A. M. Isothermic ice storehouses [for vegetables]. (In Russian.) Sad i Ogorod 11:55-59. Nov.1951. 80 Sa13

79500 KLUGE, T. O. Growers must place greater emphasis upon sanitation. Sunsweet Standard 36(2):4. July 1952. 286.83 Su7
Dried fruits.

79501 LANDFALD, R. Current problems in connection with fruit storage. (In Norwegian.) Norsk Hagetid. 68:98-102. May 1/15,1952. 80 N81

79502 LANDFALD, R. Loss of weight during storage of apples. (In Norwegian.) Frukt og Baer 4:46-51. 1951. 80 F9428

79503 MEISTER, R. T. Don't lift—don't carry; change to mechanical handling. Amer. Fruit Grower 72 (7):14-15,24-25. July 1952. 80 G85

79504 MOERMAN, J. A. S., and GLERUM, J. A. Quick freezing of fruit. (In Dutch.) Fruitteelt 42:492-493. June 19,1952. 86 N28

79505 MOSER, R. E., JR., and CAMERON, J. Frozen peaches are tops, but canned ones are good too. Va. Fruit 40(6):40-41. June 1952. 81 V81B

79506 NARDOV, G. G. On finishing the ripening of green tomatoes. (In Russian.) Sad i Ogorod 11:60-61. Nov.1951. 80 Sa13

79507 NETTLES, V. F., DENNISON, R. A., and HALL, C. B. The effect of post harvest environment on the subsequent quality of tomato fruits. (Abs.) Assoc. South. Agr. Workers. Proc. 49:117-118. 1952. 4 C82

79508 OHANESIAN, A. Development of Betsy Ross grape juice. Wines & Vines 33(7):8-9. July 1952. 95.8 C122

79509 ORSHANSKY, J. Experiments in cold storage of vegetables in Israel. (In Hebrew.) Hassadeh 32:230-231. (Cont.) Feb.1952. 26 H27

79510 PAGE, J. Frozen food: fruits and juices. South. Calif. Grocers J. 39(21):16. June 6,1952. 286.28 So82

79511 PARSONS, F. The apple, its preparation, preservation, and use. Ala. Farmer 31(7):4,8. Apr. 1952. 276.8 AL1

79512 PETERMANN, R. Home canning of fruits and vegetables. Okla. Agr. Col. Ext. C. 260,rev.,23 p. n.d. 275.29 Ok41C

79513 RICHTER, O. News on carbonic acid storage. (In Danish.) Erhvervsfrugtavleren 18:251-252. June 1, 1952. 80 Er3
Of fruit.

79514 RICK, F. My potato storage. Ontario Crop Impr. Assoc. Addresses & Proc. 15:168-169. 1952. 64.9 On83

79515 SHELOR, E., and WOODROOF, J. G. Sweet corn is excellent for freezing. Ga. Agr. Expt. Sta. Press B. 636,2 p. Apr.1952. 100 G29P

79516 SHIPTON, J. Potato varieties for dehydration. Food Preserv. Q. 11:27-32. June 1951. 389.9 Au7F

79517 SIEGRIST, H. Das imprägnieren von süssmost im kühlkeller. Schweiz. Z. f. Obst- u. Weinbau 61:234-236. June 14,1952. 80 Sch9

79518 SMOCK, R. M. Air purification in fruit storage. Ice & Refrig. 123:13-17. Ref. July 1952. 295.8 Ic2

79519 SPENCE, E. W. Pitting potatoes over the winter. Ontario Crop Impr. Assoc. Addresses & Proc. 15: 166. 1952. 64.9 On83

79520 SUBRAHMANYAN, V. A note on the production of soji, sago and flour from tapioca in Mysore. Mysore Agr. J. 27:74-75. July/Sept.1951. 22 M993

79521 THOMAS, F. B. Delaying decay of fruits after harvest. Pa. Agr. Expt. Sta. Prog. Rpt. 70,4 p. May 1952. 100 P381P
Treatment with dehydroacetic acid and its sodium salt.

79522 TROUT, S. A. Apple storage; air purification experiments. Queensland Fruit & Veg. News 2(26):2-3. May 9,1952. 280.38 Q3

79523 VALSTAR, W. Processing of leeks in drying plants. (In Dutch.) Groenten en Fruit 7:916. May 23, 1952. 80 G89

79524 VAN BLARICOM, L. O. New type of continuous agitating cooker and cooler for fruits. (Abs.) Assoc. South. Agr. Workers. Proc. 49:120. 1952. 4 C82

79525 VAN BLARICOM, L. O. Processing peaches in the Southeast, present and future. (Abs.) Assoc. South. Agr. Workers. Proc. 49:105. 1952. 4 C82

79526 VÖLKSEN, W., and WEGNER, H. Kartoffeltrocknung; herstellung, verwendung und untersuchung der kartoffeltrocknungserzeugnisse. Radebeul,Neumann,1951. 121 p. 389.3 V88

79527 WILLIAMS, A. E. Potato crisps; a handbook for the manufacturer and others interested in the economical production of potato crisps. London,Food Trade Press,1951. 106 p. 75 W672

79528 WILLIAMS, H. J. Economics of fruit canning industry from farm to consumer. Austral. Food Mfr. & Distrib. 21(11):24,28,30. June 5,1952. 389.8 Au7

79529 WOLF, J. Kernobst länger haltbar! Probleme und neue verfahren in der kaltlagerung. Umschau 52:203-205. Apr.1,1952. 474 Um7

79530 WOODROOF, J. G., and HEATON, E. K. Storing and processing pecans. (Abs.) Assoc. South. Agr. Workers. Proc. 49:112-113. 1952. 4 C82

79531 WOODROOF, J. G., SHELOR, E., and BAILEY, J. E. Varieties of sweet corn for freezing. (Abs.) Assoc. South. Agr. Workers. Proc. 49:113. 1952. 4 C82

79532 YOST, G. Some observations of Idaho prune deal. Appeland News 16(4):22-24. Apr.1952. 80 Ap53

79533 ZIMMER, V. C. Suitability of southern-grown blackberries of the erect and trailing types for commercial jams and jellies. (Abs.) Assoc. South. Agr. Workers. Proc. 49:111-112. 1952. 4 C82

Statistics

79534 BLAIR, R. E., FRIESEN, H., and BYRD, N. P. California fruit and nut crop acreage estimates as of 1951. Calif. Dept. Agr. B. 41:75-102. Apr./June 1952. 2 C12M

79535 BOND, M. C. 1951 New York and competing areas vegetables; acreage, yield, production, price. N. Y. Agr. Col. A. E. 822,72 p. May 1952. 281.9 C81
A statistical study.

79536 WILLIAMS, D. B., and DOEPEL, G. Potato acreage changes. Austral. Bur. Agr. Econ. Q. Rev. Agr. Econ. 5:64-67. Apr.1952. 281.9 Au73
Australia.

79537 WIRTH, H. Die anbauabsichten im erwerbsgemüsebau in Württemberg-Baden 1952. Statis. Monatsh. Württemberg-Baden 6:129-130. Apr.1952. 265 St24

79538 WIRTH, H. Die entwicklung der obstbaumbestände in Württemberg-Baden. Statis. Monatsh. Württemberg-Baden 6:122-127. Apr.1952. 265 St24

GRAIN AND GRAIN PRODUCTS

79539 ADAMS, G. A., and CASTAGNE, A. E. Purification and composition of a polyuronide hemicellulose isolated from wheat straw. Canad. J. Chem. 30:515-521. Ref. July 1952. 470 C16B

79540 ALBERIZZI, D. E. Consumption of rice by Italian families. (In Italian.) Riso 1(2):24-25. Mar.1952. 59.8 R49

79541 ALLEGRINI, F. The price of wheat and tree culture. (In Italian.) Olivicoltura 7(3):7-10. Mar.1952. 80 OL42

79542 ANDREWS, E. D. High voltage removes filth. Food Engin. 24(7):53-54,163-164. July 1952. 389.8 F737
Grain cleaning.

79543 ARGENTINA. DIRECCIÓN NACIONAL DE GRANOS Y ELEVADORES. DIRECCIÓN DE FOMENTO Y CONTRALOR DE LA PRODUCCIÓN. Comportamiento varietal de la producción triguera argentina cosecha 1950/51. Argentina. Dir. Nac de Granos y Elevadores. B. Inform. 12:216-239. Dec.31,1951. 286.81 Ar3
Statistics.

79544 ARGENTINA. DIRECCIÓN NACIONAL DE GRANOS Y ELEVADORES. DIRECCIÓN DE LABORATORIOS. Acondicionamiento rápido de muestras de trigo. Argentina. Dir. Nac. de Granos y Elevadores. B. Inform. 12:240-247. Dec.31,1951. 286.81 Ar3

79545 ARONOVSKY, S. I. The American paper industry needs straw and bagasse. Paper Mill News 75(26):120-122,122,124,128,130-131,150-151. June 28,1952. 302.8 P195

79546 ARONOVSKY, S. I. The American paper industry needs straw and bagasse. Paper Trade J. 134(26):68, 70,72,74,76,78,80,82. June 27,1952. 302.8 P196

79547 ATCHISON, J. E. Straw pulp developments in the Netherlands. Pulp & Paper Mag. Canada 53(7): 97-100,105. June 1952. 302.8 P96

79548 ATCHISON, J. E. Straw pulping developments in the Netherlands. Paper Trade J. 135(3):39-40,42,44-45. July 18,1952. 302.8 P196

79549 AUGER, A. The outlook for field crops. Macdonald Col. J. 12(8):23-24. Apr.1952. 101 M144
Grain and hay.

79550 BASS, E. J., MEREDITH, W. O. S., and ANDERSON, J. A. Carbohydrates that degrade barley gums. 1. Isolation from a bacterial source. (Abs.) Amer. Brewer 85(6):61. June 1952. 390.8 Am3

79551 BECKERT, O. Neues verfahren zur herstellung von charaktermalz. Brauwelt 22:488-489. May 29, 1952. 390.8 B732

79552 BLONDELLE, R. Die gegenpartei hat das wort! Bas-Rhin Agr. 7:270. June 7,1952. 14 B29
Grain price control.

79553 BONATO, C. Economic horizons. (In Italian.) Riso 1(2):9-10. Mar.1952. 59.8 R49

79554 BOWDEN, R. B. Old truths and new developments. Grain & Feed J. Consolidated 108(11):18-21. June 11,1952. 298.8 G762
Grain storage.

79555 BROOMHALL'S corn trade year book 1952; international grain trade statistics. Liverpool,1952. 83 p. 286 B79

79556 BROWN, R. H. Now we plan for better performance later. Grain & Feed J. Consolidated 109:16, 21. July 9,1952. 298.8 G762

79557 BRUCKNER, G. Beurteilung des rohstoffes in der schälmüllerei. Mühle 89:327-328,339-340. (Concl.) Ref. May 29-June 5,1952. 298.8 M89

79558 BURNS, I. G., and GRANT, J. Potentialities of straw and esparto. World's Paper Trade Rev. 137:1831-1834,1839-1840. June 19,1952. 302.8 W89

79559 BURNS, L. V. Feed technology training. Flour & Feed 53(2):16-17. July 1952. 298.8 F66

79560 BUTT, J. L. A summary of the processing and storage situation in the Southeast. (Abs.) Assoc. South. Agr. Workers. Proc. 49:28-29. 1952. 4 C82
Grain and seed.

79561 COOK, A. H., and POLLOCK, J. R. A. Some chemical aspects of malting. Inst. Brewing. J. (n.s.)49: 216-217. May/June 1952. 390.9 In7

79562 CORCORAN, J. P. So you have a grain drier! Grain & Feed J. Consolidated 109:12,15. July 9,1952. 298.8 G762

79563 CREA, V. Grain is not protected. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(54):1-2. June 25, 1952. 281.8 Ag3
Price control.

79564 CROUSE, E. F. Economics of grain storage. (Abs.) Assoc. South. Agr. Workers. Proc. 49:35-36. 1952. 4 C82

79565 DAMS, T. Kosten und erlöse im mehlgrosshandel in seiner mittelstellung zwischen mühlenwirtschaft und backgewerbe unter besonderer berücksichtigung der einwirkung der umsatzentwicklung auf die kostengestaltung; ein beitrag zum problem der bedeutung der umsatzgrösse für die höhe der handels- und verarbeitungsspanne landwirtschaftlicher erzeugnisse. Bonn,1951. 114 p. 284.3 D14
Inaug.-Diss. - Bonn.

79566 DENCKER, C. H., SIMONS, D., and WENNER, L. Kaltlufttrocknung und -belüftung von mähdruschgetreide. Landtechnik 7:318-325. May 31,1952. 58.8 L235

79567 DIETZ, R. Vermahlungsdiagramme kombinierter mühlen mit 6 bzw. 8 mahlpassagen für überwiegende weizenvermahlung. Müllerei 5:401-402. (Cont.) June 21, 1952. 298.8 M91

79568 DOWSE, R. E., and BROADHEAD, A. R. Grain storage. Yorkshire Agr. Soc. J. 103:9-17. 1952. 10 Y7

79569 DUCE, R., and TABB, C. B. Development in straw and bagasse pulping. Paper-Maker & Brit. Paper Trade J. 123:480,482-484,486-489. June 1952. 302.8 P1922

79570 ECKARDT. Die brotgetreidearten in vergangenheit und zukunft. Mühle 89:261. (Cont.) Apr.24,1952. 298.8 M89

79571 ESCHHAUS, K. H. Körnersortierung vor dem I. schort. Müllerei 5:335. May 24,1952. 298.8 M91
Wheat.

79572 FABIAN. Hessische mühlen. Ernährungsdienst 7(67):5. June 14,1952. 389.8 Er62

79573 FAJERSSON, F. Fall wheat bakes as well as spring wheat. (In Swedish.) Lantmannen 36:454-455,463. June 7,1952. 11 L234

79574 FALCONER, H. C. Handling combined grain. Scot. Agr. 32:16-18. Summer 1952. 10 Sco82So

79575 FLECHSIG, J. Graphische tafel zur ermittlung der feuchtigkeitszugabe und des feuchtigkeitsverlustes. Mühle 89:355-356. June 12,1952. 298.8 M89
In grain.

79576 FRANK, H. E. R. E. A. Wheat storage in France. (In Dutch.) Landbouwwereldnieuws 7:358-359. June 7,1952. 12 L237

79577 FREUND, R. J. A statistical investigation of the 1949 North Carolina grain survey. Chicago,1951. 52 p. 59 F88
Thesis (M.A.) - University of Chicago.

79578 GARIBOLDI, F. Development of the rice economy in the United States. (In Italian.) Riso 1(3):23-26. Apr.1952. 59.8 R49

79579 GHOSH, J. J. Changes in the acidity and starch content of rice grains during fungal deterioration. Sci. & Cult. 17:484-485. May 1952. 475 Sci24

79580 GRAIN AND FEED DEALERS NATIONAL ASSOCIATION. Directory, summer 1952. St.Louis,1952. 72 p. 225 G763

79581 GUSLER, G. An appraisal of the wheat situation; storing is your best bet. West. Farm Life 54(14):3. July 15,1952. 6 R153

79582 HANES, C. S. Recent developments in knowledge of starch and the enzymes which act upon it. (Abs.) Amer. Brewer 85(6):61. June 1952. 390.8 Am3

79583 HARRIS, R. H., and SIBBITT, L. D. Watch that grain drying. N. Dak. Agr. Expt. Sta. Bimon. B. 14: 171-175. May/June 1952. 100 N813B

79584 HARRISON, T. J. The history of barley production in Canada. (Abs.) Amer. Brewer 85(6):60-61. June 1952. 390.8 Am3

79585 HESS, K., KIESSIG, H., and HANSSEN, E. Die samenproteine der Gramineen und ihre wandlungen beim teigen und backen. Naturwissenschaften 39:135-136. Mar.15,1952. 474 N213

79586 HIERONYMUS, T. A. Managing grain inventories. Grain & Feed J. Consolidated 108(11):23-24. June 11,1952. 298.8 G762

79587 HULSE, J. H. Flour and bread improvers. Brit. Baker 124:837-838. June 6,1952. 389.8 B772

79588 HURLBUT, L. W., and others. Harvesting and conditioning grain for storage. Agr. Engin. 33:421-425. Ref. July 1952. 58.8 Ag83
G. M. Petersen, F. D. Yung, and E. A. Olson, joint authors.

79589 KLEIN, E. Rückblick auf das getreidewirtschaftsjahr 1951/52 und ausblick auf das kommende getreidewirtschaftsjahr 1952/53. Württemb. Wchnbl. f. Landwirt. 119:533-534. June 14,1952. 18 W96

79590 KOONO, T. Beibaku chozo no riron to jissai [Theory and practice of rice and wheat storage]. Tokyo, Kawade Shobo,1951. 382 p. 280.359 K83

79591 KRAMER, H., and HIRT, E. Der diastasegehalt in malzextrakten. Mitt. Aus dem Geb. der Lebensmitteluntersuch. u. Hyg. 43:140-144. 1952. 389.9 Sw6

79592 KRANZ, W. Aufbereitung und verwertung des getreidekeims. Müllerei 5:386. (Cont.) June 14,1952. 298.8 M91

79593 KÜHNE, P. F. Über die notwendigkeit der einführung einer neuen basis-methode zur bestimmung des wassergehaltes. Mühle 89:362-363. June 12,1952. 298.8 M89
In grain products.

79594 KÜHNE, P. F. Über die notwendigkeit der einführung einer neuen basis-methode zur bestimmung des wassergehaltes. Müllerei 5:398-399. June 21.1952. 298.8 M91
In grain products.

79595 LOEB, J. R., and MAYNE, R. Y. Effect of moisture on the microflora and formation of free fatty acids in rice bran. Cereal Chem. 29:163-175. Ref. May 1952. 59.8 C33

79596 LYMAN, C. M., and others. Determination of thiamine in rice and rice products. Analyt. Chem. 24: 1020-1021. June 1952. 381 J825A
R. Ory, M. Trant, and G. Rich, joint authors.

79597 MCCASLIN, W. C. You too can pass the sanitation test. Grain & Feed J. Consolidated 108(12):11-12. June 25,1952. 298.8 G762
For stored grain.

79598 MCCLINTOCK, J. O. Our duty to pass on inherited political safeguards. Grain & Feed J. Consolidated 108(11):16,18. June 11,1952. 298.8 G762
Grain marketing on the Chicago Board of Trade.

79599 MACIVER, W. J. Insulating board from waste straw. Pulp & Paper Mag. Canada 53(7):101-105. June 1952. 302.8 P96

79600 MACMASTERS, M. M. Why grain spoils. Grain & Feed J. Consolidated 108(11):14,16. June 11, 1952. 298.8 G762

79601 MANN, D. How much will you get for your wheat crop? Kans. Farmer 89(12):6,26-27. June 21,1952. 6 K13
New regulations for sanitation.

79602 MARZI, G. DE. Rice statistics. (In Italian.) Riso 1(2):3-4. Mar.1952. 59.8 R49

79603 MATHUR, P. B. Storage of food grains. Sci. & Cult. 17:463-465. May 1952. 475 Sci24

79604 MEDEL. Aschen und ausbeuten der passagenmehle in der weizenmüllerei. Mühle 89:359-362. June 12, 1952. 298.8 M89

79605 MEREDITH, W. O. S. Barley and malt gums: a review. (Abs.) Amer. Brewer 85(6):60. June 1952. 390.8 Am3

79606 MILWAUKEE GRAIN EXCHANGE. Ninety-fourth annual report, fiscal year 1951-1952. Milwaukee, 1952. 62 p. 287 M64R

79607 MISSOURI GRAIN WAREHOUSE DEPT. Annual report for year 1950-1951. n.p.,1951. 24 p. 59.9 M692

79608 MORSINK, G. H. Payment of grain according to quality. (In Dutch.) Overijsselsch Landbbl. 34(1657): 2. May 29,1952. 12 Ov2
Grading.

79609 NEITZERT, K. Die bedeutung der vorbereitung in der praktischen müllerei. Mühle 89:255-256. Apr.24, 1952. 298.8 M89

79610 NEUMANN, H. Gewinnung, zusammensetzung und verarbeitung von polyvitamin-konzentrat aus getreidekeimen. Seifen-Ole-Fette-Wachse 78:297-298. June 4,1952. 307.8 Se4
English summary.

79611 NEWTON, J. M. Starches, dextrins, corn syrups, and dextrose. Amer. Assoc. Cereal Chem. Trans. 10:120-126. June 1952. 59.9 Am3T

79612 O'BRIEN, E. J. Victorian F. A. Q. wheat; analysis of 1952 sample. Victoria. Dept. Agr. J. 50:161-162. Apr.1952. 23 V66J

79613 OXLEY, T. A. Some basic principles of grain storage. Power Farmer 9:7-9. July 1952. 58.8 P872
Drying methods.

79614 PILSWORTH, W. J. Six generations of Irish milling. Milling 119:14,16. July 5,1952. 298.8 M622

79615 ROTSCH, A. Methoden zur kennzeichnung von spezialmehlen für die dauerbackwarenherstellung. Brot u. Gebäck 6:81-83. June 1952. 298.8 G33

79616 ST. LOUIS. MERCHANTS' EXCHANGE. Annual report for the year 1951. St.Louis,1952. 39 p. 287 Sa21An
Gives grain marketing statistics.

79617 SANDEGREN, E., and ENEBO, L. Cell wall decomposing enzymes of barley and malt. I. Determination and stability investigations. Inst. Brewing. J. (n.s.) 49:198-203. Ref. May/June 1952. 390.9 In7

79618 SCHULDT, C. Sichtung in den mühlen. Müllerei 5:336. May 24,1952. 298.8 M91

79619 SCHULZ, E. Die mühleneigene aschekurve. Mühle 89:357-358. June 12,1952. 298.8 M89

79620 SEEBORG, E. F., and BARMORE, M. A. The influence of milling moisture on flour yield, flour ash and milling behavior of wheat. Nowest. Miller (Milling Prod. Sect.) 248(2):1a,14a-17a. July 8,1952. 298.8 N81

79621 SHELLENBERGER, J. A., and FENTON, F. C. Underground grain storage. Nowest. Miller (Milling Prod. Sect.) 248(2):3a,10a-14a. July 8,1952. 298.8 N81

79622 SIMONS, J. W. Off-farm grain storage in the Southeast. (Abs.) Assoc. South. Agr. Workers. Proc. 49:29-30. 1952. 4 C82

79623 SKOVGAARD, K. World production and marketing of grain, oilseeds and feed. (In Danish.) Dansk Landbr. 71:286-287,299-300. (Cont.) June 19-26,1952. 280.28 V91

79624 SNIDER, H. J. How will you handle the straw problem? Hoard's Dairyman 97:606. July 25,1952. 44.8 H65
Utilization.

79625 STEPHENS, M. R. The wheat and wheat flour investigational and regulatory programs. Food Drug Cosmetic Law J. 7:410-416. June 1952. 389.58 F732

79626 SULAKOS, C. T., KANDILIS, J., and SELIMOS, G. Methoden der staatlichen mehlkontrolle in Griechenland. Brot. u. Gebäck 6:72-74. May 1952. 298.8 G33

79627 TUINMAN, A. S. Wheat sale in Canada. (In Dutch) Landbouwwereldnieuws 7:323-325. May 24,1952. 12 L237

79628 UNION OF SOUTH AFRICA. WHEAT INDUSTRY CONTROL BOARD. Report for the period 20th September, 1949 to 31st October, 1950. Johannesburg, 1952. 83 p. 59.9 So85

79629 VARELA MARTINEZ, R. Situación del arroz en Colombia. Agr. Trop. 8(5):13-17. May 1952. 26 Ag8

79630 WEBBER, H. F. P., and TAYLOR, L. Fluorine content of malt. Inst. Brewing. J. (n.s.)49:197-198. May/June 1952. 390.9 In7

79631 WIENER, S., and HOPKINS, R. H. α-amylase in malting and mashing. Inst. Brewing. J. (n.s.)49:204-213. May/June 1952. 390.9 In7

79632 WIESENMÜLLER, F. Mahlgetreideentmischung in den silo- und netzzellen. Mühle 89:256. Apr.24,1952. 298.8 M89

HONEY AND BEESWAX

79633 BLOWEY, G. Fair exhibits in England. Mod. Beekeeping 36:204-206. June 15,1952. 424.8 M397

79634 BRITISH BEE-KEEPERS ASSOCIATION. Making mead. Brit. Bee J. 80:216-218,233-234,248-250. Apr.5-19,1952. 424.8 B77

79635 CALIFORNIA. BUR. OF MARKETS. Marketing order for extracted honey, effected March 1, 1952. Sacramento?1952. 19 p. 280.377 C12

79636 CAMERON, M. D., MITCHELL, T. J., and WESTWOOD, M. An examination of some Scottish heather honeys. Scot. Beekeeper 28:120-121. June 1952. 424.8 Sco8

79637 COLEMAN, R. S. Preparing beeswax for market. West. Austral. Dept. Agr. J. (ser.3)1:260-264. Mar./Apr.1954. 23 W52J

79638 DIETRIECH, J. Le contrôle du miel. J. Suisse d'Apicult. 48:199-200. July 1951. 424.9 So1

79639 HELVEY, T. C. Ion-exchange resins in honey processing. Amer. Bee J. 92:296. July 1952. 424.8 Am3

79640 HUDSON, D. S. Nectar and honey. Lincolnshire Beekeepers' Assoc. Ybk. 1950/51:14-15. 424.9 L63
Analysis.

79641 MENTZER, J. Absatz des deutschen honigs. Hess. Biene 87:277. Mar.1952. 424.8 B476

79642 PATERSON, C. R. Weighing and labelling of honey. New Zeal. J. Agr. 84:383-384. May 1952. 23 N48J

79643 RIDOUX, G. Merveilles du miel. J. Suisse d'Apicult. 48:169-171. (Cont.) June 1951. 424.9 So1

79644 SANSON, E. De la valeur marchande du miel. Gaz. Apic. 53:40-41. Feb.1952. 424.8 G25
France.

79645 SCHWEISHEIMER, W. Honey - domestic and imported. Beekeepers' Mag. 15(5):13-15. May 1952. 424.8 M58

79646 STRATTON, C. L. Honey is sold at Honey Gardens. Mod. Beekeeping 36:188-190,210. June 15,1952. 424.8 M397

79647 WULFRAT, A., and SPECK, J. J. De la colmena antigua al lucrativo negocio de la colmena moderna. Tierra [México] 7:320-324. (Cont.) May 1952. 8 T445
Installment deals with honey classes and analysis.

79648 ZSCHOCK, O. VON. Vom wesen und wert unseres bienenhonigs. Imkerfreund 7:112. Apr.1952. 424.8 Im43
Germany.

LIVESTOCK AND LIVESTOCK PRODUCTS

79649 BENEKE, R. Planning your pork production; hog breeders can get bigger profits by planning their production schedule. Hog Breeder 27(7):4-5,48. July 1952. 46.8 H672

79650 BERTIN-ROULLEAU, J. L'importance du porc dans l'économie agricole. Rev. de l'Elevage 7:232-233. Apr.1952. 49 B462
France.

79651 BYKHANOV, V. D. Achievements of collective farms of Leningrad District [Krasnodar Territory] in the development of public livestock industry. (In Russian.) Sotsialist. Zhivotnovod. 14(1):24-30. Jan.1952. 49 So71
Three-Year Plan.

79652 CHAPMAN, P. W. The South turns to beef cattle. Prog. Farmer, Tex. Ed. 67(7):50,91-92. July 1952. 6 T311

79653 CHUBUKIN, N. The technical equipping of shops is increasing [at Omskii Meat Combine]. (In Russian.) Miasnaia Indus. SSSR. 22(5):15-17. Sept./Oct. 1951. 50.8 M58

79654 COSSETTE, M. L'élevage des bovins de boucherie gagne du terrain. B. des Agr. 34,i.e.48(4):12-13,100-102. Apr.1952. 7 B872
Canada.

79655 ECKERT, P. S. The outlook for the year ahead. Ariz. Cattelog 7(7):9-16. Mar.1952. 43.8 Ar42

79656 FOXLEY, W. J. The inside story. Corn Belt Livestock Feeder 4(9):4. June 1952. 280.38 C81
Beef cattle situation.

79657 GUROCHKIN, D. T. Borets Collective Farm [in Bronnitskii District, Moscow Region] had overfulfilled the Three-Year Plan for development of public livestock. (In Russian.) Sotsialist. Zhivotnovod. 13(12): 27-33. Dec.1951. 49 So71

79658 HEDLIN, R. Risky business. Country Guide 71(7):10,56. July 1952. 7 G76
The livestock industry in western Canada.

79659 HOSS, R. Looking ahead on the cattle market. Kans. State Bd. Agr. Rpt. 81(308):82-85. June 1952. 2 K13Re

79660 HUGHES, C. E. Plan now for tomorrow's opportunities: possibilities galore for stockmen who face the future with vision and determination. Amer. Hereford J. 43(5):136-137,994,996,998. July 1,1952. 43.8 Am32

79661 KHODAS, K. All the preliminary work was fulfilled [for receiving and slaughtering of livestock at the Semipalatinsk Meat Processing Combine]. (In Russian.) Miasnaia Indus. SSSR. 22(5):8-10. Sept./Oct.1951. 50.8 M58

79662 KOCH, A. Die bedeutung der kleintierzucht. Deut. Kleintier-Züchter 7(13):4-5. (Cont.) July 5,1952. 49 D483

79663 KUZ'MICHEV, N. Steady supply of cattle to meat combines—guarantee of successful operation. (In Russian.) Miasnaia Indus. SSSR. 22(5):55-58. Sept./Oct. 1951. 50.8 M58

79664 LANG, C. D. Canadian fur farmers happy in relations with U. S. breeders. Black Fox Mag. Mod. Mink Breeder 36(2):20,25-26. June 1952. 410 B56

79665 MADSEN, M. Western and farm flock sheep production. Wis. Coop. Wool Growers News 17(11):6-7. June 1952. 280.28 W882

79666 MARTY, A. Die viehwirtschaft der Urschweiz und Luzerns, insbesondere der Welschlandhandel 1500-1798. Zürich,Europa Verlag,1951. 118 p. (Wirtschaft Gesellschaft Staat; Zürcher Studien zur Allgemeinen Geschichte 2) 286.343 M36

79667 NATIONAL LIVE STOCK AND MEAT BD. DEPT. OF HOME ECONOMICS. Meat manual: identification, buying, cooking. Ed. 5. Chicago,1952. 40 p. 389.25 N215Mea

79668 POLLOCK, R. C. National Live Stock and Meat Board program intensified on all fronts during past year. Calif. Cattleman July 1952:5-6. 43.8 C12
Also in Mont. Stockgrower 24(7):25-26. July 15,1952. 49 M76.

79669 RAEBURN, J. R. Notes on supplies and prices. Pig Breeders' Gaz. 70:23-27. July 1952. 46.8 N21
British swine and pork industries.

79670 ROF CODINA, J. Galicia pecuaria, su riqueza ganadera. Ganaderia [Madrid] 10:73-74. Feb.1952. 49 G15

79671 ROUY, H. La production et la consommation francaise des viandes de mouton. Mouton 7:25-26. Mar. 1952. 45.8 M86

79672 RUDD, R. W. The competitive position of livestock in the South. (Abs.) Assoc. South. Agr. Workers. Proc. 49:163. 1952. 4 C82

79673 SCHOLTZ, K. Bukhara wants to maintain its crown. (In Afrikaans.) Landbouweekblad 33(1711):9-11. Apr.30,1952. 24 L232
Karakul industry.

79674 SCHOLTZ, K. They didn't even want their pedigree stock sold. (In Afrikaans.) Landbouweekblad 33(1710):17. Apr.23,1952. 24 L232
Karakul industry.

79675 SHEINIS, TS. On time and without losses. (In Russian.) Mîasnaîa Indus. SSSR. 22(5):19-20. Sept./Oct. 1951. 50.8 M58
Preparations of Sverdlovsk Meat Combine for the slaughtering season.

79676 SMIRNOV, P. State farms of the Moscow area during five years. (In Russian.) Mîasnaîa Indus. SSSR. 22(5):59-65. Sept./Oct.1951. 50.8 M58
Livestock policies and programs.

79677 TARNOPOL'SKII, E. Conditions for successful fulfillment of the [production] plan were developed [at Troitskii Meat Combine]. (In Russian.) Mîasnaîa Indus. SSSR. 22(5):17-19. Sept./Oct.1951. 50.8 M58

79678 TAVALINSKII, S. New equipment, new methods [at Dnepropetrovsk Meat Combine]. (In Russian.) Mîasnaîa Indus. SSSR. 22(5):12-15. Sept./Oct.1951. 50.8 M58

79679 TAYLOR, J. The live stock industry and our economy. West. Live Stock 37(11):110-111,113. (Excerpts.)

79680 THORNTON, D. Meeting the challenge with meat. Amer. Hereford J. 43(5):133,1028-1029. July 1, 1952. 43.8 Am32

79681 UBERTI, P. Livestock raising in the high Taro Valley. (In Italian.) Avvenire Agr. 60:119-124. (Cont.) May 1952. 16 Av9
Cattle.

79682 VIADA, S. Spanish production of sheep and goat skins and their oversea trade. Inform. Com. Españ. (ser.3)222:192-195. Feb.1952. 286.8 In3

79683 WEBER, A. D. Proof of the type is in the beef produced. Amer. Hereford J. 43(5):134-135,984,987-988. July 1,1952. 43.8 Am32

Analysis and Composition

79684 BANERJEE, M. Chemico-physical interpretation of hides & skins. Tanner 6(12):14-18. Ref. May 1952. 303.8 T15

79685 BEAR, R. S. The structure of collagen fibrils. Advn. Protein Chem. 7:69-160. Ref. 1952. 386.2 An8

79686 BRAVO, G. A., and SOLA, T. Color measurement of tanning extracts and leather. (In Italian.) (Sum.) Italy. Staz. Sper. per l'Indus. delle Pelli e delle Materie Concianti. B. 28:250. May 1952. 303.8 It1

79687 BRUNINK, H. Separation temperature of beef fat with aniline. (In Dutch.) Chem. Weekbl. 48:97-99. Feb.16,1952. 385 C42

79688 DABKIEWICZ, I. P. A study of the acid hydrolysis method determining the fat content of meat. Chicago,1951. 26 p. 389.1 D11

79689 DUGAN, L. R., MARONEY, J. E., and PETHERAM, M. Study of carcass fats of beef animals. I. The composition of beef brisket fat. Amer. Oil Chem. Soc. J. 29:298-300. July 1952. 307.8 J82

79690 GRISWOLD, R. M., and LEFFLER, F. A comparison of two methods for determining the collagen content of cooked meat. Food Res. 17:212-215. May/June 1952. 389.8 F7322

79691 KREMEN, S. S. The reaction of formaldehyde with vegetable tanned leather. (Abs.) Leather Mfr. 63 (6):33-34. June 1952. 303.8 L484

79692 KUHRT, N. H., and others. The isolation of monoglycerides from lard and from bread. Amer. Oil Chem. Soc. J. 29:261-270. Ref. July 1952. 307.8 J82
E. A. Welch, W. P. Blum, E. S. Perry, and W. H. Weber, joint authors.

79693 MILUNOVIC, M., MIHELIC, F., and MIKIC, F. Contribution to the evaluation of the content of chlorides in lean and with serous fluid infiltrated meat of slaughtering animals. (In Serbo-Croatian.) Vet. Arh. 21:227-248. Ref. July 1951. 41.8 V6416
English summary.

79694 PEZZO, L. DEL. Electric resistance of leather. (In Italian.) (Sum.) Italy. Staz. Sper. per l'Indus. delle Pelli e delle Materie Concianti. B. 28:252. May 1952. 303.8 It1

79695 RODDY, W. T., and LOLLAR, R. M. The correlation between some physical properties of leather. (Abs.) Leather Mfr. 63(6):35. June 1952. 303.8 L484

79696 SCHMITT, F. O. Some recent advances in the theory of the structure of collagen and other fibrous proteins. (Abs.) Leather Mfr. 63(6):31-32. June 1952. 303.8 L484

79697 SKENDEROVIC, G. Nachweis von rindertalg im schweinefett mittels bestimmung von isoölsäure (vaccensäure). (In Serbo-Croatian.) Vet. Arh. 21:439-451. Ref. Dec.1951. 41.8 V6416
German summary.

79698 SMITH, G. H. The determination of fat peroxide in small samples of the lean and fatty tissues of meat by the ferric thiocyanate method. J. Sci. Food & Agr. 3:26-31. Jan.1952. 382 So12

79699 ZACHARIAS, W. B., and others. Tannage factors and their effects on leather characteristics. (Abs.) Leather Mfr. 63(6):32-33. June 1952. 303.8 L484
C. W. Mann, E. T. Steiner, and F. C. Horkowitz, joint authors.

Distribution, Marketing, and Transportation

79700 ASOCIACION RURAL DEL URUGUAY. Memorándum sobre producción, abasto y comercialización de carnes. Asoc. Rur. del Uruguay. Rev. 79(5):10-11,22. May 1952. 9.9 As5

79701 COTTON, W. P. Recent developments in livestock marketing research in the South. (Abs.) Assoc. South. Agr. Workers. Proc. 49:126-127. 1952. 4 C82

79702 FLAATEN, C. Sale of farm produced furs. (In Norwegian.) Norsk Pelsdyrbl. 26:234-236. May 20, 1952. 412.628 N812

79703 FRITZ, V. L. How to get the most from your advertising dollar. Duroc News 26(7):268. July 1952. 46.8 N212

79704 GAY, C. W. Potent measures of beef promotion. Shorthorn World 37(8):49-52. July 25,1952. 43.8 Sh8

79705 GYGI, F. Der viehkauf und die viehwährschaft im schweizerischen recht. Bern,Verbandsdruckerei, 1951. 55 p. Ref. 280.343 G99

79706 HARRIS, J. T. Livestock marketing in Georgia. Ga. Agr. Expt. Sta. B. 271,67 p. Oct.1951. 100 G29S

79707 HICKS, E. W., and BARR, O. The use of MRC refrigerator cars for chilled beef transport. Food Preserv. Q. 11:19-26. June 1951. 389.9 Au7F

79708 LABRECQUE, P. Orientation des productions animales. Holstein-Fresian J. 15(4):53-54. July 1952 43.8 H743

79709 MICHAELSEN, L. Handbook on livestock marketing for extension specialists and agents. I. Utah. State Agr. Col. Ext. Misc. Ext. P. 1,various pagings. June 1951. 275.29 Ut1Me

79710 POTTER, E. L. The marketing of Oregon livestock. Oreg. Agr. Expt. Sta. B. 514,39 p. Apr.1952. 100 Or3

79711 SPERA, L. Sheep in transit. (In Italian.) Terra e Sole 118:205-206. June 1952. 16 T273
Italy.

79712 TARVER, D. Signs point the way and make buyers of passers-by. Amer. Hereford J. 43(5):228-229, 966-967. July 1,1952. 43.8 Am32

79713 THOMAS, H. P. Caveat emptor. Natl. Chinchilla Breeder 8(4):10,32-34. June 1952. 412.628 N21
On buying chinchillas.

79714 THOMPSON, A. W. Look ahead to sale day. Amer. Hereford J. 43(5):154,1004-1005. July 1,1952. 43.8 Am32

79715 VIRGINIA. ADVISORY LEGISLATIVE COUNCIL. Livestock auction markets in Virginia, report to the Governor and the General Assembly of Virginia. Richmond,Commonwealth of Va. Div. of Purchase and Print.,1951. 11 p. 280.340 V81

79716 VOORHIES, E. C. Livestock marketing agencies; study of direct sales, commission firms, auctions, based on information from 1,751 California operators. Calif. Agr. [Calif. Sta.] 6(6):2. June 1952. 100 C12Cag

79717 VOORHIES, E. C. Livestock marketing agencies; a study of direct sales, commission firms, auctions, based on information from 1,751 California operators. Calif. Cattleman July 1952:11. 43.8 C12

79718 WHITNEY, J. C. Transport of war dogs by road. Roy. Army Vet. Corps. J. 23:56-57. June 1952. 41.8 G79

79719 ZELINSKI, J. A. Towards stockyard modernization. Mktg. Activ. 15(5):13-14. May 1952. 1.942 A8M34

Grading, Inspection, Standardization, and Quality

79720 CALLOW, E. H. Quality in Wiltshire bacon and its attainment. Farming Gloucestershire 11:9,11. 1952. 10 F2291

79721 CALLOW, E. H. Quality in Wiltshire bacon and its attainment. Kent Farmer 1:71,74. Mar.1952. 10 K412

79722 CAMPBELL, A. M., and EVELETH, D. F. Frozen meats; factors influencing their keeping qualities. N. Dak. Agr. Expt. Sta. B. 364,15 p. Apr.1951. 100 N813

79723 DOWNEY, L. A. Pig carcass competition at Korumburra. Victoria. Dept. Agr. J. 50:164-165. Apr. 1952. 23 V66J

79724 DYCK, A. J. W. Inspection and research guard our health; Canada's record for freedom from dangerous epidemics of disease brings credit to our veterinary inspection and research services. Family Herald & Wk. Star 83(25):3,19. June 19,1952. 7 F21

79725 FAGAN, V. J. Tasmanian Baconer Carcase Competition, 1952. Tasmanian J. Agr. 23:85-100. May 1952. 23 T182T

79726 INGRAM, M. Internal bacterial taints ('bone taint' or 'souring') of cured pork legs. J. Hyg. 50:165-181. Ref. June 1952. 449.8 J82

79727 JAGGI, F. P., JR. A pictorial summary of the steps in routine meat inspection of cattle. Sowest. Vet. 5:395-402. Summer 1952. 41.8 So82

79728 KINCAID, C. M. Repeatibility of feeder and slaughter grades of beef cattle. (Abs.) Assoc. South. Agr. Workers. Proc. 49:57. 1952. 4 C82

Packing and Packaging

79729 DOBBINS, C. E., and HOECKER, R. W. Cost of and reasons for rewrapping prepacked meats, poultry, cheese. Butchers' Advocate 132:8-9. July 2,1952. 286.85 B97

Prices, Price Control, and Rationing

79730 CONWAY, H. M. Improved demand supporting prices for live stock. Natl. Live Stock Prod. 30(9):4,15. July 1952. 280.38 N21

79731 DOWELL, A. A., and OLSON, R. E. Purebred cattle prices boom, watch price, income changes. Minn. Farm & Home Sci. [Minn. Sta.] 9(3):8,15. May 1952. 100 M668

79732 IOWA SWINE PRODUCERS ASSOCIATION. Give us free markets. Poland China World 39(7):4,18-21. July 1952. 46.8 Sw62
Statement by W. L. Plager.
Price controls.

79733 PETTEYS, A. Livestock price trends. Com. West 104(3):12-15. July 19,1952. 286.8 C733

79734 SCHOLTZ, K. Emir decides his own price. (In Afrikaans.) Landbouweekblad 33(1712):19. May 7, 1952. 24 L232
Bukhara Karakul skins.

Processing and Storage

79735 BATZER, H. Experimenteller beitrag zu einer makromolekularen theorie der gerbung. 5. Chem.-Ztg. 76:397-402. June 20,1952. 384 C427
English summary.

79736 BERTONE, A. Hides and the art of tanning through the centuries. (In Italian.) (Sum.) Italy. Staz. Sper. per l'Indus. delle Pelli e delle Materie Concianti. B. 28:249. May 1952. 303.8 It1

79737 BOSSE, R. Kombinierte gerbverfahren zur herstellung schwerer und leichter leder. Leder 3:97-102. Ref. May 1952. 387 L49
English summary.

79738 BULANOV, I. F. Processing of sheep carcasses into graded cuts and packing them. (In Russian.) Miasnaia Indus. SSSR. 22(5):32-36. Sept./Oct.1951. 50.8 M58

79739 BULMAN, C., and AYRES, J. C. Preservative effect of various concentrations of curing salts in comminuted pork. Food Technol. 6:255-259. Ref. July 1952. 389.8 F7398

79740 CHEN, P. S. Syntans and newer tanning methods. Leather Mfr. 63(6):22,39-40. (Cont.) June 1952. 303.8 L484

79741 CHRISTIAN, W. E., JR. Some methodological problems in determining economies of scale in meat packing plants. (Abs.) Assoc. South. Agr. Workers. Proc. 49:122-123. 1952. 4 C82

79742 CRISCUOLO, I. Rapid tanning with the aid of ultrasonics. (In Italian.) (Sum.) Italy. Staz. Sper. per l'Indus. delle Pelli e delle Materie Concianti. B. 28:251. May 1952. 303.8 It1

79743 DURAIVELAN, C. K. The case for suspension of soakings in east India kip tanneries. Tanner 6(12):21-22. May 1952. 303.8 T15

79744 ENDRES, J. Meat--the answers! Food Retailing 145(2):12. June 1952. 286.85 B974
Refrigeration.

79745 FURLONG, J. R. Drying trials with goat skins in the Sudan. Colon. Plant & Anim. Prod. 2:205-208. 1951. 472 C71

79746 HAVIGHORST, C. R. Rabbits processed poultry-fashion. Food Engin. 24(7):57,162-163. July 1952. 389.8 F737

79747 JONES, L. L. Need for product development; improvement of leather through a stepped-up research program is urged. Leather & Shoes 123(23):19,55-57. June 14,1952. 303.8 H53

79748 KAUKHCHESHVILI, E., and TIMOFEEVA, L. Reconstitution of meat dehydrated at low temperature. (In Russian.) Miàsnaià Indus. SSSR. 22(5):40-43. Sept./Oct.1951. 50.8 M58

79749 LOWE, B., and others. Defrosting and cooking frozen meat; the effect of method of defrosting and of the manner and temperature of cooking upon weight loss and palatability. Iowa. Agr. Expt. Sta. Res. B. 385:511-632. Ref. Apr.1952. 100 Io9
E. Crain, G. Amick, M. Riedesel, L. J. Peet, F. B. Smith, B. R. McClurg, and P. S. Shearer, joint authors.

79750 NELSON, J. L. The tanning of cattlehide leather. Ariz. Cattelog 7(7):60-63. Mar.1952. 43.8 Ar42

79751 OCHS, E. E. The use of carbon dioxide for deliming. (Abs.) Leather Mfr. 63(6):33. June 1952. 303.8 L484

79752 OTTO, G. On the non-tannins of the gambier and the special action of aromatic compounds forming complexes in chrome leather. (In Italian.) (Sum.) Italy. Staz. Sper. per l'Indus. delle Pelli e delle Materie Concianti. B. 28:253-254. May 1952. 303.8 It1

79753 ROSSOUW, S. D., and VON RUDLOFF, E. Wool wax. II. Lime saponification. J. Appl. Chem. 2:335-338. Ref. June 1952. 382 J82

79754 RUDAKOV, G. We're expanding and improving production. (In Russian.) Miàsnaià Indus. SSSR. 22(5):21-22. Sept./Oct.1951. 50.8 M58
Kurganskiĭ Meat Canning Combine.

79755 RUSSEL, S. P. The manufacture of chamois leather. (In Italian.) (Sum.) Italy. Staz. Sper. per l'Indus. delle Pelli e delle Materie Concianti. B. 28:254. May 1952. 303.8 It1

79756 SAMSON, J. M. Simplified byproduct handling. Food Engin. 24(7):123-124. July 1952. 389.8 F737
In the meat packing plant.

79757 SARAFANOVA, E. Rationalization of collecting and processing of [animal] fat. (In Russian.) Miàsnaià Indus. SSSR. 22(5):31-32. Sept./Oct.1951. 50.8 M58

79758 SCHWANK. Tanning with water soluble resins. Leather Trades' Rev. 104:407-410. May 21,1952. 303.8 L48

79759 SHCHERBAKOV, E. Flawless refrigeration equipment [in the meat industry]. (In Russian.) Miàsnaià Indus. SSSR. 22(5):23-28. Sept./Oct.1951. 50.8 M58

79760 SHUTTLEWORTH, S. G. A study of the bond forces involved in chrome tannage. (Sum.) So. African Indus. Chem. 6:34. Feb.1952. 385 So8

79761 SOMERVILLE, I. C., and WENDKOS, J. [illegible]onium tannage. VI. (Abs.) Leather Mfr. 63(6):36. [illegible]ne 1952. 303.8 L484

79762 THUAU, U. J. Les antiseptiques et les germicides dans l'industrie du cuir. Rev. Tech. des Indus. du Cuir 44:81-83. (Cont.) May 1952. 303.8 C89

79763 TOLEDANO CORROCHANO, J. La libertad de comercio de la carne de cerdo favorece su industrialización. Rev. Sind. de Estadís. 7(25):12-14. First Q.1952. 263 Es8B
Processing statistics for Spain.

Statistics

79764 JØRGENSEN, H. Animal husbandry 1951. (In Danish.) Tidsskr. f. Landøkon. 6:277-296. June 1952. 11 T43
Statistics.

79765 KINDELBERGER, A. Zur frage der repräsentativen schweinezählung. Statis. Praxis 7:120-124. June 1952. 251.8 St25
Germany.

79766 MOULE, G. R. Vital statistics and the Queensland sheep industry. 2. Queenland Agr. J. 74:288-308. May 1952. 23 Q33

79767 PÁLSSON, H. Sheep farming, 1946-47, 1947-48, 1948-49 and 1949-50. (In Icelandic.) Búnaðarrit 65: 63-83. 1952. 11 B88
Statistics.

79768 SACCO, P. The Italian sheep population. (In Italian.) Cam. di Com. Indus. e Agr. di Milano. Studi e Statis. 5(4):12-16. Apr.1952. 280.9 M587B

79769 U. S. BUR. OF AGRICULTURAL ECONOMICS. Livestock slaughter—meat and lard production,1950 and 1951. Washington,1952. 2 p. 1.941 H8L7557

79770 U. S. BUR. OF AGRICULTURAL ECONOMICS. Pig crop report, June 1952. Washington,1952. 8 p. 1.9 Ec742Pi

79771 WIRTH, H. Das endgültige ergebnis der schweinezählung vom 3. märz 1952. Statis. Monatsh. Württemberg-Baden 6:127-128. Apr.1952. 265 St24

79772 WOOLLAM, G. E. Periodic movements in hog populations. Econ. Annal. 22:55-59. June 1952. 281.8 Ec72
Canada.

OILS AND OILSEEDS

79773 ANGELO, G. G. DELL'. Contribution of olive culture to the formation of the high value of southern agricultural production. (In Italian.) Olivicoltura 7(3): 11-15. Mar.1952. 80 OL42

79774 BAKER, V. H., CANNON, B. M., and STANLEY, J. M. A continuous drying process for peanuts. (Abs.) Assoc. South. Agr. Workers. Proc. 49:30-31. 1952. 4 C82

79775 BARÈGE, P. La culture de l'olivier au Maroc. II. Les raisons de la faible production d'huile d'olive. Petit Casablancais 32(1571):1,5. Apr.26,1952. 280.8 P44

79776 BARÈGE, P. Le Maroc n'a pas la meilleure place dans les pays producteurs d'huile d'olive. Petit Casablancais 32(1570):1-2. Apr.19,1952. 280.8 P44

79777 BEAUS QUIJADA, M. Causas que determinan el enranciamiento y la congelación del aceite de oliva. Balearic Isl. Diputación Prov. B. de Agr. 91:4-5. Apr. 1952. 15 B19

79778 BERETTA, M. Olive culture and the refining industry. (In Italian.) Olivicoltura 7(3):1-6. Mar.1952. 80 OL42
With reply by G. Palladino.

79779 BIENAYMÉ, A. Aperçu sur la Grèce. Oléagineux 7:415-418. July 1952. 77.8 OL2
Oils and fats.

79780 BORBOLLA Y ALCALÁ, J. M. R. DE LA, and others. Recherches sur la préparation des olives vertes. Oléagineux 7:323-331. June 1952. 77.8 OL2
C. Gómez Herrera, R. G. G. Quijano, and M. Fernández Diez, joint authors.

79781 BOURLET, G. La production des oléagineux et l'intérêt des expériences de l'I. R. H. O. [Institut de Recherches pour les Huiles et Oléagineux]. Marchés Colon. du Monde 8:1283-1286. May 17,1952. 286.8 M33
Cameroun.

79782 BUZI, C. C. Rectified oils and regenerated oils. (In Italian.) Terra Ligure, May 1,1952:1,3. 16 T276

79783 CANDIDA, F. The Reggio Calabria volatile oils experiment station. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(47):8-9. June 7,1952. 281.8 Ag3

79784 CASA PACHECO, MARQUES DE. La cosecha de aceituna y su importancia en determinadas zonas. Campo [Sevilla] 11(119):13-14. Feb.1952. 15 C15
Spain.

79785 CHARRO, A., and RON, J. Determinación del índice de refracción de aceites comestibles y medicinales mediante el microscopio. An. de Bromatología 4:125-145. Ref. 1952. 389.8 An1
English summary.

79786 CREA, V. Adjustment of the olive oil market. (In Italian.) Mezzogiorno Agr. 8(19):1. May 12/18,1952. 16 M57

79787 DOADRIO, A. Los monoglicéridos de ácidos grasos y sus aplicaciones bromatológicas. An. de Bromatología 4:87-103. Ref. 1952. 389.8 An1
English summary.

79788 DONE, J., and FOWDEN, L. A new amino-acid amide in the groundnut plant (Arachis hypogaea): evidence of the occurrence of -methyleneglutamine and -methyleneglutamic acid. Biochem. J. 51:451-458. Ref. July 1952. 382 B52

79789 FAURE, J. C. A. World surplus of vegetable oils and fats. (Extr.) Pub. Ledger 60537:1,4. June 13, 1952. 286.8 L84

79790 FLACCOMIO, E. Protection of butter production; put in force margarine regulation. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(50):1-2. June 18, 1952. 281.8 Ag3

79791 GERSHBEN, S. Castor beans in the United States. Cargill Crop B. 27(10):10-13. July 3,1952. 281.8 C19
Statistics.

79792 GORBACH, G., and PFUDL, H. Mikromethode zur bestimmung von vitamin A in ölsaaten, ölen und presskuchen. Fette u. Seifen 54:334-337. June 1952. 384 C422

79793 GOSS, W. H. Trends in the oilseed industry. Amer. Oil Chem. Soc. J. 29:253-257. Ref. July 1952. 307.8 J82

79794 GRIFFITHS, C. The processing and utilisation of castor oil. Paint Mfr. 22:250-253. July 1952. 306.8 P162

79795 GUPTA, B. G. Ghani vs. oil-mill. Oils & Oilseeds J. 4(11):14-15. May 1952. 307.8 Oi54

79796 GUPTA, D. K. How to press our oil seeds-mill vs. ghani. (Adapted.) Oils & Oilseeds J. 4(11):11. May 1952. 307.8 Oi54

79797 HARFST, R. D. New method of determining oil content of soybeans. Cotton Gin & Oil Mill Press 53(14): 20. July 5,1952. 304.8 C822

79798 HEESCH, A. Die lebensmittel-gesetzgebung auf dem gebiete der nahrungsfette. VI. Kennzeichnung von margarine-packungen. Fette u. Seifen 54:376-378. June 1952. 384 C422

79799 HEIM DE BALSAC, G. L'industrie des corps-gras à Madagascar. Oléagineux 7:425-427. July 1952. 77.8 OL2

79800 HOFFMAN, W. H., JR., and ARTHUR, J. C., JR. Cottonseed meal as a tire cord-to-rubber adhesive. Rubber Age 71:354-356. June 1952. 305.8 R82

79801 HOLMES, R. L., MCKINNEY, R. S., and MINOR, J. C. Tung's moisture content studied. USDA reports on fruit and seed drying experiments; finding right way to safe storing and milling programs. Tung World 6(10):8-9,12. Mar.1952. 77.8 T83

79802 HORNSTEIN, I. Determination of technical benzene hexachloride in peanuts and soils. Analyt. Chem. 24:1036-1037. June 1952. 381 J825A

79803 HORSPOOL, J. M., JULIAN, K. A. R., and OLDHAM, G. An investigation of the gaseous thermal-decomposition products of linseed oil. J. Appl. Chem. 2: 283-287. May 1952. 382 J82

79804 HULTING, G. The continuance of the clearing system for edible fat prices. (In Swedish.) Jordbrekon. Meddel. 14:183-187. 257.3 J76
English summary, p. 172.

79805 KAUFMANN, H. P., and SCHMIDT, C. W. Der phosphatid-gehalt von lackleinol. I. Fette u. Seifen 54: 346-348. June 1952. 384 C422

79806 KELLY, E. J. Alkali-refined linseed oil. Paint, Oil & Colour J. 121:1421-1422. June 20,1952. 306.8 O152

79807 KOETSCHAU, R. Die farbe durchsichtiger öle als lineare funktion der wellenzahl. Fette u. Seifen 54:337-346. June 1952. 384 C422

79808 KRISHNAMURTY, T. S. Improved varieties of oilseeds—linseed. Oils & Oilseeds J. 4(11):12. May 1952. 307.8 O154

79809 LEIMBACH, R. Die ätherischen öle; eine kurze darstellung ihrer gewinnung und untersuchung und eine zusammenstellung ihrer wichtigsten merkmale. Neu bearb. von K. Bournot. Ed. 12. Halle (Saale),W. Knapp, 1951. 271 p. Ref. (Monographien über Chemisch-Technische Fabrikationsmethoden, Bd. 21) 308 L53

79810 LIENER, I. E., and PALLANSCH, M. J. Purification of a toxic substance from defatted soy bean flour. J. Biol. Chem. 197:29-36. Ref. July 1952. 381 J824

79811 MASSART, L., and AUWERMEULEN, E. VAN DER. Enzymatic hydrolysis of linseed mucilage. Biochim. et Biophys. Acta 8:703. June 1952. 381 B522

79812 MILLER, C. D., DENNING, H., and BAUER, A. Retention of nutrients in commercially prepared soybean curd. Food Res. 17:261-267. May/June 1952. 389.8 F7322

79813 MÜLLER, A. F. R. Die physiologischen und pharmakologischen wirkungen der ätherischen öle, riechstoffe und verwandten produkte. Ed. 2, enl. Heidelberg, Hüthig,1951. 168 p. 308 M91

79814 MYRO VIGUERA, S. Algo más sobre el olivo. Campo [Sevilla] 11(119):24. Feb.1952. 15 C15
Spain.

79815 NAYAK, U. G., and GUHA, P. C. Essential oil from Hyptis suaveolens, Poit. Indian Chem. Soc. J. 29:183-186. Mar.1952. 385 In27

79816 NAYAK, U. G., and GUHA, P. C. Essential oil from Ocimum gratissimum, Roxb. Indian Chem. Soc. J. 29:203-205. Mar.1952. 385 In27

79817 OCA PASTOR, J. Constantes químicas de los aceites procedentes de cada una de las tres partes del fruto (pulpa, semilla y hueso) de la variedad de "Olea Europae" L. (Negral). An.de Bromatología 4:67-69. 1952. 389.8 An1
English summary.

79818 OCA PASTOR, J. Constantes químicas de los aceites procedentes de la pulpa de las diferentes variedades de aceitunas de Pradejón (Logroño). An.de Bromatología 4:63-65. 1952. 389.8 An1
English summary.

79819 OWENS, W. H. Your raw materials: margarine—a story of achievement. Bakers' Natl. Assoc. Rev. 69:884-885. May 30,1952. 389.8 N214

79820 PAQUOT, C., ARGOUD, S., and QUÉROLLE, M. Études sur l'insaponifiable du beurre de karité. IV. Oléagineux 7:397-402. July 1952. 77.8 OL2

79821 PRICHARD, G. L. 1952 cottonseed price support program. Washington,U. S. Prod. & Mktg. Admin.,1952. 8 p. 1.956 F26P93
Address at meeting of the National Cottonseed Products Association, New Orleans, May 19, 1952.

79822 PUNTAMBEKAR, S. V. Chemical examination of the fatty oil from the seeds of Mallotus philippinensis Muel.-Arg. Indian Acad. Sci. Proc. Sect. A 35:57-68. Ref. Feb.1952. 513 In25

79823 RAINAUT. Une révolution dans l'extraction de l'huile d'olive. Terre Marocaine 26:234-236. June 1952. 24 T44

79824 SALA ROCA, E. El mejor aprovechamiento de nuestra riqueza olivarera. Inst. Agr. Catalán de San Isidro. Rev. 101:80-82. Apr.1952. 15 Sa5

79825 SANTOS BILONI, J. El "guevuin" o avellano de Chile es una oleaginosa poco conocida. Mundo Agr. 4(37):34. June 1952. 9 M92

79826 SCHOLFIELD, C. R., DUTTON, H. J., and DIMLER, R. J. Carbohydrate constituents of soybean "lecithin." Amer. Oil Chem. Soc. J. 29:293-298. Ref. July 1952. 307.8 J82

79827 SCHUTTE, K. H. Why the Groundnut Scheme failed. Westralian Farmers Co-op Gaz. 22:209,211-215. Apr.1952. 280.28 W522

79828 TETER, N. C. Artificial curing of Virginia peanuts. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 31. 1952. 4 C82

79829 U. S. BUR. OF AGRICULTURAL ECONOMICS. Mint for oil, 1952 acreage for harvest. Portland,Oreg., 1952. 1 p. 1.941 H8M66

79830 WALSH, R. M. World trends in fats and oils. Mktg. Activ. 15(5):9-12. May 1952. 1.942 A8M34

79831 WARD, H. S., JR., and BUTT, J. L. Results of peanut storage studies. (Abs.) Assoc. South. Agr. Workers. Proc. 49:31-32. 1952. 4 C82

79832 WHITE, M. F., and BROWN, J. B. A further study of the tetrabromide method of estimating linoleic acid in fatty acid mixtures with pentane and heptane as solvents. Amer. Oil Chem. Soc. J. 29:292-293. July 1952. 307.8 J82

79833 WORMS, P. Le karité dans l'Union Française. Marchés Colon. du Monde 8:1578-1580. June 7,1952. 286.8 M33

POULTRY AND POULTRY PRODUCTS

79834 ALMGREN, K. Quality and handling of eggs. (In Swedish.) Svensk Jordbrforsk. 1951:245-252. 11 J763

79835 BERGQUIST, D. H., and STEWART, G. F. Surface formation and shear as factors affecting the beating power of egg white. Food Technol. 6:262-264. July 1952. 389.8 F7398

79836 BREMNER, I. S. Poultry in the Borders. Scot. Agr. 32:32-35. Summer 1952. 10 Sco82So
The industry.

79837 BUCK, J. T. Marketing practices of selected first buyers of eggs in Virginia. Va. Agr. Col. Ext. Va. Farm Econ. 131:21-22. May 1952. 275.29 V813

79838 BURGOS, C. X. Progress of poultry raising in the Philippines since liberation. Agr. & Indus. Life 14(5):15,29. May 1952. 25 Ag8

79839 CARLIN, G. T. Dehydrated eggs for prepared mixes. Amer. Assoc. Cereal Chem. Trans. 10:133-140. June 1952. 59.9 Am3T

79840 COLVIN, E. M. Finding out more about retail poultry marketing. Agr. Situation [Washington] 36(6): 7-8. June 1952. 1 Ec7Ag

79841 CORSE, M. A. Orkney's poultry industry. Scot. Agr. 32:41-43. Summer 1952. 10 Sco82So

79842 CRAY, R. E. The efficiency and cost of collecting eggs from farms in Ohio. Ohio. Agr. Expt. Sta. Res. B. 721,19 p. June 1952. 100 Oh3S

79843 DEARSTYNE, R. S., and MORRIS, T. B. Does the production of market eggs offer an opportunity in Wake County? Wake Farmers News 5:1,3. Apr.30, 1952. 280.28 W13
North Carolina.

79844 DEARSTYNE, R. S. The turkey industry moves ahead. Carolina Co-op. 30(6):9,22. June 1952. 72.8 N81

79845 DUIJN, D. VAN. The Welsumer egg and regulated economy. (In Dutch.) Pels en Pluim 7(11):5. May 30,1952. 47.8 P36
Quality and prices.

79846 EGGLETON, L. Z. They wanted better eggs in Mitchell County [Iowa]—and they got them! U. S. Egg & Poultry Mag. 58(7):12-13,24,26-28. July 1952. 286.85 Eg3

79847 FANGAUF, R. Ein blick in die geflügelzucht Schwedens. Deut. Wirtgeflügelzucht. 4:401-404,415-419. (Cont.) May 24-31,1952. 47.8 D483

79848 FEENEY, R. E., and others. Chemistry of shell egg deterioration: the egg white proteins. Poultry Sci. 31:639-647. Ref. July 1952. 47.8 Am33P
E. D. Ducay, R. B. Silva, and L. R. MacDonnell, joint authors.

79849 FRANZ, C. B. Can we streamline turkey marketing? U. S. Egg & Poultry Mag. 58(7):11,28-30. July 1952. 286.85 Eg3

79850 GILPIN, G. L., and others. Palatability and nutritive value of home-canned chicken prepared by different methods for processing. U. S. D. A. Tech. B. 1054, 36 p. Ref. July 1952. 1 Ag84Te
E. H. Dawson, E. W. Toepfer, and H. W. Warren, joint authors.

79851 GWIN, J. M. Quality loss in shell eggs from the distance traveled and seasonal influence. Amer. Egg & Poultry Rev. 14(7):10,12,14-15. July 1952. 47.8 Am38

79852 HAYES, K. M., GORESLINE, H. E., and MOSER, R. E., JR. Consumer acceptance of thermostabilized, oil-processed, and natural shell eggs (a pilot study). U. S. D. A. C. 902,13 p. Apr.1952. 1 Ag84C

79853 JOHNDREW, O. F., JR. Marketing research in the Poultry Branch [of the Production and Marketing Administration]. Amer. Egg & Poultry Rev. 14(7):2-4,35. July 1952. 47.8 Am38

79854 JUDGE, G. G., and BAKER, R. L. Time and cost functions for egg routes. Poultry Sci. 31:738-744. July 1952. 47.8 Am33P

79855 KARPOFF, E. Statistics help you to appraise the trends in your markets. Hatchery & Feed 26(7):59-62. July 1952. 47.8 H28
Poultry and eggs.

79856 KIENER, A. Die geflügelzucht und -haltung im landwirtschaftsgesetz. Geflügelhof 15:427-430. (Cont.) July 4,1952. 47.8 G276
Switzerland.

79857 KLOSE, A. A., and others. Effect of ethanolamine and certain dietary metabolites on the storage stability of frozen turkeys. Poultry Sci. 31:730-734. July 1952. 47.8 Am33P
F. A. Kummerow, G. Goertz, and H. L. Hanson, joint authors.

79858 KONDRATʹUK, N. On decreasing the losses in procurement and processing of eggs. (In Russian.) Mîasnaîa Indus. SSSR. 22(5):44-46. Sept./Oct.1951. 50.8 M58

79859 KONINGS, J. G. Grading and care of eggs. (In Dutch.) Pluimveeteelt 5(11):4-5. May 23,1952. 47.8 P722
Netherlands.

79860 MEHRHOF, N. R. The Florida Poultry and Egg Council—industry wide. (Abs.) Assoc. South. Agr. Workers. Proc. 49:154-155. 1952. 4 C82

79861 MILLER, R. E. Del-Mar-Va. Feeds Illus. 3(5):13-20. May 1952. 389.78 F326
Poultry industry.

79862 MONCRIEF, T. E. Pennsylvania's broiler industry is growing fast. Everybodys Poultry Mag. 57(6):8-9,14-15. June 1952. 47.8 F213P

79863 MORTENSON, W. P., and BRANDNER, H. J. How effective is consumer education? Amer. Poultry J. 83(7):35,40. July/Aug.1952. 47.8 Am32
Egg consumption.

79864 MUELLER, R. A., and others. Poultry high spots of the Pacific Coast. Hatchery & Feed 26(7):20-21, 23-27. July 1952. 47.8 H28
J. P. Miller, N. L. Bennion, and C. I. Draper, joint authors.
Industry in California, Washington, Oregon and Utah.

79865 NEW YORK. STATE COLLEGE OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. Killing, plucking, & cooling poultry, by R. C. Baker and G. O. Hall. Ithaca?1951. 8 p.-folder. 275.2 N482K

79866 PAIEMENT, R. J. L'aviculture de 1952. Ferme 13(6):26-27. Feb.1952. 7 F38
Canada.

79867 POULTRYMENS COOPERATIVE ASSOCIATION OF SOUTHERN CALIFORNIA. Reports, twenty-first annual meeting, 1952. Coop. Poultryman 17(7):3-4,8-28,42, 45-46. July 1952. 47.8 C782

79868 RATCLIFFE, H. E., BRADFORD, H. W., and SCANLAN, J. J. Costs of handling eggs by selected cooperatives in the North Central States. (Preliminary report). U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Misc. Rpt. 162,47 p. May 1952. 166.3 M68

79869 RISHER, F. W. Poultry and egg marketing shows striking change. Fla. Poultry & Dairy J. 18(5):3,8-9,12. May 1952. 47.8 F66

79870 ROTHBAUER, T. C., WOOD, G. B., and MARTIN, J. H. Poultry and egg truck routes in Indiana. Ind. Agr. Expt. Sta. B. 571,31 p. Jan.1952. 100 In2P

79871 SVENSKA ÄGGHANDELSFÖRBUNDET. Styrelseberättelse för år 1951 [Report of the Swedish Egg Marketing Association for the year 1951]. Stockholm, 1952. 22 p. 286.3479 Sv2

79872 TAYLOR, F. R. Egg quality as related to prices. Research [R. I. Sta.] 2:42-43. Spring 1952. 100 R34R

79873 TERMOHLEN, W. D. Poultrymen's lucky "7." Mktg. Activ. 15(5):3-6. May 1952. 1.942 A8M34
Care and handling of top grade eggs.

79874 U. S. BUR. OF AGRICULTURAL ECONOMICS. Farm production, disposition and income from chickens and eggs, 1945-49, by States and geographic divisions, (revised), by E. S. Kimball, P. W. Smith, and R. F. Moore. Washington,1952. 18 p. 1.9 Ec71Fpc

79875 U. S. BUR. OF AGRICULTURAL ECONOMICS. Farm production, disposition, and income from turkeys, 1945-49, by States and geographic divisions (revised), by E. S. Kimball, P. W. Smith, and R. F. Moore. Washington,1952. 7 p. 1.942 D22T84

79876 VAN CLEVE, R. How much for quality eggs? Ill. Agr. Assoc. Rec. 30(6):6-7. June 1952. 6 IL62

79877 VAN WAGENEN, A. If you wash eggs, better read this carefully! N. J. Farm & Gard. 23(7):44-45. July 1952. 6 G162

79878 WAIBEL, P. E., SUNDE, M. L., and CRAVENS, W. W. Effect of addition of penicillin to the hen's ration on biotin and folic acid content of eggs. Poultry Sci. 31: 621-624. Ref. July 1952. 47.8 Am33P

79879 WARREN, C. C. Stake your claim on the future! More and more people mean that increased quantities of eggs, chickens and turkeys will be needed for food. Hatchery & Feed 26(7):12-14. July 1952. 47.8 H28

79880 WEEKS, J. P. Should broiler growers consider retailing? Broiler Growing 3(7):14,20-21. July 1952. 47.8 B782

79881 WESSELS-HOLTMANN. Qualitätsverbesserung der geflügelerzeugnisse. Landwirt. Z. der Nord-Rheinprov. 119:595-596. June 7,1952. 18 L2344
Egg grades.

79882 WOLK, J., MCNALLY, E. H., and BRANT, A.W. Yolk measurements used as an indication of temperature deterioration of eggs. Poultry Sci. 31:586-588. July 1952. 47.8 Am33P

79883 YOUNG, G. W. American chicks help feed South Koreans. Hatchery & Feed 26(7):82-83. July 1952. 47.8 H28

RUBBER AND RUBBER SUBSTITUTES

79884 BURNS, T. M. Ceylon's rubber production. Foreign Trade 11:784-785. June 21,1952. 286.8 C162

79885 CHAPPERON, J. Le caoutchouc au Cameroun. Marchés Colon. du Monde 8:1291,1293. May 17,1952. 286.8 M33
The industry.

79886 DUTRA, F. Increase in production of rubber from wild trees. (In Portuguese.) Assoc. Com. do Amazonas. B. 11(125):18-23. Dec.1951. 286.9 As7B
Program.

79887 HERBETTE, F. La levée des restrictions et les débouchés du caoutchouc naturel aux Etats-Unis. Rev. Gén. du Caoutchouc 29:423-424. June 1952. 305.8 R32

79888 KEANE, J. D., and BICKEL, F. W. Applications of the stacomizer press in various stages of rubber processing. Rubber Age 71:349-351. Ref. June 1952. 305.8 R82

79889 SABA, J. Planning of aid for rubber. (In Portuguese.) Assoc. Com. do Amazonas. B. 11(125):10-13. Dec.1951. 286.9 As7B

79890 SALOMON, G. Development and prospects in the field of rubber products. (In Dutch.) Chem. Weekbl. 48:292-298. Ref. Apr.19,1952. 385 C42
English summary.
Chemical.

79891 SIMONDS, H. R., WEITH, A. J., and SCHACK, W. Extrusion of plastics, rubber, and metals. New York, Book Division,Reinhold,1952. 454 p. 291 Si5

79892 TORRENCE, M. F., and SCHWARTZ, H. G. Compounding reclaim with new elastomers for high quality at low cost. Rubber Age 71:357-360. June 1952. 305.8 R82

79893 TRELOAR, L. R. G. Natural rubber. Endeavour 11:92-96. Apr.1952. 472 En2

79894 U. S. CONGRESS. SENATE. COMMITTEE ON ARMED SERV. Extension of the Rubber Act of 1948. Hearing, 82d Cong., 2d sess.,on H. R. 6787, an act to extend the Rubber Act of 1948 (Public Law 469, 80th Cong.), as amended, and for other purposes, May 14, 1952. Washington,1952. 30 p.

79895 VALTIER, E. Le xétal 50 et ses applications industrielles. Rev. Gén du Caoutchouc 29:398-405. June 1952. 305.8 R32
English summary. p. 440.

SEEDS

79896 BABUKHA, N. L. On some problems of laboratory analysis of [grain] seeds and standards. (In Russian.) Selek. i Semen. 19(2):20-25. Feb.1952. 61.9 Se5

79897 BURNS, R. E. Some factors involved in drying blue lupine seed. (Abs.) Assoc. South. Agr. Workers. Proc. 49:149. 1952. 4 C82

79898 CHRISTIAN, W. E., JR. Seed production often by-product of livestock industry, study shows. Miss. Farm Res. [Miss. Sta.] 15(5):4. May 1952. 100 M69Mi
Grass and legume seed industry in Mississippi.

79899 COLEMAN, F. B., and PEEL, A. C. Storage of seeds. Queensland Agr. J. 74:265-276. May 1952. 23 Q33

79900 COOPER, A. N. Certified seed potatoes, 1951-52. Tasmanian J. Agr. 23:178-180. May 1952. 23 T182T

79901 DOWNIE, W. A. Seed potato certification. Victoria. Dept. Agr. J. 50:232-234. May 1952. 23 V66J

79902 EASLEY, O. W., JR., and WISE, L. N. Regional Seed Laboratory engaged in research on problems of processing. Miss. Farm Res. [Miss. Sta.] 15(5):1,8. May 1952. 100 M69Mi
Regional Seed Research Laboratory at Mississippi State College.

79903 EASLEY, O. W., JR. Seed processing plants and machines. (Abs.) Assoc. South. Agr. Workers. Proc. 49:38-39. 1952. 4 C82

79904 FINLAND. VALTION SIEMENTARKASTUS-LAITOS. Valtion Siementarkastuslaitos Tominta [State Seed Testing Association. Activity] 1/9, 1949-31/8,1950. Finland. Maataloushallituksen Tiedonantoja, 304,47 p. 1951. 20 F49Af
English summary.

79905 FOLSOM, S. E. The seedsman's opportunities and obligations. Grain & Feed J. Consolidated 108(11): 25-26. June 11,1952. 298.8 G762

79906 GRIESBECK, A. Fachliche einführung zum saatgutgesetz im unterausschusses saatgut des ernährungsausschusses des Deutschen Bundestages. Saatgut Wirt. 4:82-83. Apr.1952. 61.8 Sa1

79907 MILAN, I. Production and trade in seed wheat in the province of Vicenza. (In Italian.) Agr. Vicentina 83(11):4-5. June 1,1952. 16 Ag8257

79908 NIESER, O. Saatgut und feuchtigkeit. Saatgut-Wirt. 4:63-64. Mar.1952. 61.8 Sa1

79909 SCHWALEN, G. V. Seeds and the statutes. Oreg. Dept. Agr. Agr. B. 174:10-11. June 1952. 2 Or3

79910 STIRLAND, L. L. Complacency and the seedsman's future. Grain & Feed J. Consolidated 108(12):15-16. June 25,1952. 298.8 G762

79911 STIRLAND, L. L. Modern merchandising of seeds. Feedstuffs 24(26):50-51. June 28,1952. 286.81 F322

79912 SWEDEN. STATENS CENTRALA FRÖKONTROLLANSTALT: Report of the activities of the Swedish State Seed Testing Station during the Fiscal Year 1950-1951. (In Swedish.) Sweden. Stat. Cent. Frökontanst. Meddel. 27:3-25. 1952. 61.9 Sw3
English summary.

79913 WARD, H. S., JR. Effect of moisture and temperature on respiratory activity of blue lupine seed during curing and storage. (Abs.) Assoc. South. Agr. Workers. Proc. 49:148-149. 1952. 4 C82

79914 WELLINGTON, P. S. Variation in purity analysis resulting from differences in technique and interpretation. Natl. Inst. Agr. Bot. J. 6:67-71. 1951. 103 N21J
Seed analysis.

SUGAR AND SIRUPS

79915 AHLFELD, H. Situation of world sugar economy. F. O. Licht. Internatl. Zuckerber. 91(spec.no.):7-12. Apr.21,1952. 66.8 L61A

79916 AMALGAMATED SUGAR CO. Fifty-third annual report for the fiscal year ended September 30, 1951. n.p.,1951. 11 p. 66.9 Am1

79917 ARMER, A. Are sampling methods accurate? Calif. Beet Growers Assoc. B. Sum. 1951:36-37. 66.9 C12

79918 ASOCIACION DE TECNICOS AZUCAREROS DE CUBA. Proceedings of the XXIV annual conference. Habana,1950. 619 p. 65.9 As5

79919 ASSOCIATION OF SUGAR PRODUCERS OF PUERTO RICO. Annual report of the president, 1951. Washington,1952. 10 p. 65.9 As7A

79920 ATCHISON, J. E. Processes available for production of pulp from sugar cane bagasse. Paper Trade J. 134(25):24,26-29,35-36. June 20,1952. 302.8 P196

79921 BEESCH, S. C. Acetone-butanol fermentation of sugars. Indus. & Engin. Chem. 44:1677-1682. Ref. July 1952. 381 J825

79922 BENITEZ, J. M. National railways of Mexico and the sugar industry. Sugar J. 15(2):12,40. July 1952. 65.8 Su391

79923 BETANCOURT, A. F. Aconitic acid and its compounds as by-products in the manufacture of sugar. Asoc. de Téc. Azucareros de Cuba. Proc. 24:519-562. Ref. 1950. 65.9 As5

79924 BLISS, L. R. The use of chlorine as a reagent in the analysis of sugar. Asoc. de Téc. Azucareros de Cuba. Proc. 24:323-330. 1950. 65.9 As5

79925 CASTILLO MUJICA, A. Chlorine as an immediate promise for the sugar industry. Asoc. de Téc. Azucareros de Cuba. Proc. 24:361-369. 1950. 65.9 As5

79926 CORREIA, V. The sugar industry in Mato Grosso. (In Portuguese.) Bras. Açucareiro 38:525-527. Dec.1951. 65.8 B73
Includes discussion.

79927 CREA, V. The production of sugar and the extension of beet culture. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(48):1-3. June 11,1952. 281.8 Ag3

79928 DEFFNER, U. Ein süsser jubilar — 150 jahre rübenzucker. Leben u. Umwelt 8:183-187. May 1952. 410 L49

79929 DEKKER, K. D., and DEKKER, M. J. D. Properties of raw sugar and their deterioration in storage. Sugar 47(7):33-35. July 1952. 65.8 F11

79930 DESBORDES. Evolution de la production de la betterave en France. Indus. Agr. et Aliment. 68:235-240. May/June 1951. 383 As7
English summary.

79931 DE STEVENS, G., and NORD, F. F. Investigations on lignin and lignification. IX. The relationship between the action of brown rot fungi, cellulose degradation and lignin composition in bagasse. Amer. Chem. Soc. J. 74:3326-3328. July 5,1952. 381 Am33J

79932 DE WHALLEY, H. C. S. Raffinose in molasses and low beet products. Internatl. Sugar J. 54:158. June 1952. 65.8 In8

79933 DÖRFELDT, W. Stand der rohsaftgewinnung in Deutschland. F. O. Licht. Internatl. Zuckerber. 91 (spec.no.):20,22-24. Ref. Apr.21,1952. 66.8 L61A

79934 DURÁN QUEVEDO, T. Furanosic levulose in the intermediate metabolism of the glucides. Asoc. de Téc. Azucareros de Cuba. Proc. 24:609-616. Ref. 1950. 65.9 As5

79935 DYER, B. W., & CO. United States sugar policy adjustments. F. O. Licht. Internatl. Zuckerber. 91 (spec.no.):25-26. Apr.1952. 66.8 L61A

79936 FINKE, O. Über die chemische zusammensetzung der schwebeteilchen im zuckerrüben-rohsaft. Zucker-Beih. 4:45-48. Dec.1951. 65.8 Z84

79937 GIEGER, M., and O'KELLY, J. F. Sorgo sirup made clear and mild in experiments; work on method continues. Miss. Farm Res. [Miss. Sta.] 15(5):1,5,7. May 1952. 100 M69Mi

79938 GONZÁLEZ ALONSO, E. F. Continuous grinding of sugar cane: theory. I. Asoc. de Téc. Azucareros de Cuba. Proc. 24:423-434. 195o. 65.9 As5

79939 GONZALEZ-RIVERA, R. Report on Australia - Hawaii - U. S. A. tour. Asoc. de Téc. Azucareros de Cuba. Proc. 24:7-106. 1950. 65.9 As5

79940 GUILBEAU, W. F., BLACK, C. L., and MARTIN, L. F. A second season of pilot plant processing of sugarcane. Sugar J. 15:15-17,20,34-36. June 1952. 65.8 Su391

79941 HADDON, E. Notes on the filtration of cane muds. Rev. Agr. de l'Ile Maurice 31:17-18. Jan./Feb. 1952. 24 M44

79942 HOCKETT, R. C. Progress in carbo-hydrate utilization; a resume of work undertaken by the Sugar Research Foundation, Inc. Asoc. de Téc. Azucareros de Cuba. Proc. 24:491-499. 1950. 65.9 As5

79943 HONIG, P. A contribution to the clarification of cane sugar juices. Sugar 47(6):31-36. June 1952. 65.8 F11

79944 HUGHES, W. Taring sugar beet at the factory. Beet Grower 6:28-30. Apr.1952. 66.8 B392
Ireland.

79945 IBAÑEZ R., L. M. Cooling and reheating of massecuites. Asoc. de Téc. Azucareros de Cuba. Proc. 24:295-302. 1950. 65.9 As5

79946 JAMIESON, S. The future of our sugar industry. Sugar News 28:163-164. Apr.1952. 65.8 Su36
Philippines.

79947 KEMP, F. A. The sugar beet industry in Montana. Com. West 104(3):42-44,46-47. July 19,1952. 286.8 C733

79948 KORTSCHAK, H. P. Filtration rates and impurities in raw sugar crystals. Hawaii. Planters' Rec. 54:65-75. Ref. 1952. 25 H311

79949 LAMOUCHE, H. Les sucreries de betteraves de la Californie. Indus. Agr. et Aliment. 68:271-275. May/June 1951. 383 As7
English summary.

79950 LIMA ROMERO, J. J. A contribution toward a practical method of payment for cane on a quality basis. Asoc. de Téc. Azucareros de Cuba. Proc. 24:203-208. 1950. 65.9 As5

79951 LIMA ROMERO, J. J. Formation and study of the aminoacids. Asoc. de Téc. Azucareros de Cuba. Proc. 24:345-349. 1950. 65.9 As5

79952 LIZÁRRAGA GOÑI, J. Clarification of juices. Asoc. de Téc. Azucareros de Cuba. Proc. 24:351-360. 1950. 65.9 As5

79953 MARCELO, S. S. Philippine sugar laws, rules and regulations. Sugar News 28:202-208. (Cont.) May 1952. 65.8 Su36

79954 MATHEWS, W. J. Swift syrup chilling with city-water savings. Food Engin. 24(7):125. July 1952. 389.8 F737
Liquid sugar.

79955 NOBUNAGA, S. Japanese sugar problems. F. O. Licht. Internatl. Zuckerber. 91(spec.no.):27-31. Apr.21,1952. 66.8 L61A

79956 OTTEY, W. H. Sales in Western States increase. Calif. Beet Growers Assoc. B. Sum. 1951:40. 66.9 C12

79957 OWEN, W. L. Distribution of yeast cultures in molasses alcohol distilleries. Sugar 47(6):50-51. June 1952. 65.8 F11

79958 OWENS, R. C. Report on the use of vanol at Central España. Asoc. de Téc. Azucareros de Cuba. Proc. 24:303-305. 1950. 65.9 As5

79959 PACKMAN, D. J. The production of maple syrup on Ontario farms. Econ. Annal. 22:65-69. June 1952. 281.8 Ec72

79960 PEDROSA PUERTAS, R. Boiling of final massecuites. Asoc. de Téc. Azucareros de Cuba. Proc. 24:307-321. 1950. 65.9 As5

79961 PÉREZ ALONSO, S. The relation between fiber per cent cane and moisture in bagasse. Asoc. de Téc. Azucareros de Cuba. Proc. 24:417-421. 1950. 65.9 As5

79962 RAMOS, E. The University of Oriente and the sugar industry. Asoc. de Téc. Azucareros de Cuba. Proc. 24:1-6. 1950. 65.9 As5

79963 RAMOS DE MATTOS, A. The Amatos fermentation process, its results in industrial practice. Asoc. de Téc. Azucareros de Cuba. Proc. 24:585-591. 1950. 65.9 As5

79964 REGE, R. D. Sugar industry in the Bombay State; measures for its stabilisation. Poona Agr. Col. Mag. 42:251-260. Feb.1952. 22 P79

79965 REICH, G. T. Recovering sucrose from molasses. Asoc. de Téc. Azucareros de Cuba. Proc. 24: 573-583. Ref. 1950. 65.9 As5

79966 REYES BARRANCO, J. La industria azucarera. IV. El precio de la remolacha fija el del azúcar. Rev. Sind. de Estadis. 7(25):22-27. First Q.1952. 263 Es8B
Includes sugar trade statistics for Spain.

79967 ROGGE, K. Germany and the world sugar economy. F. O. Licht. Internatl. Zuckerber. 91(spec.no.): 12-15. Apr.21,1952. 66.8 L61A

79968 SALINAS, L. Sugar organization in Mexico. Sugar J. 15(2):14-16. July 1952. 65.8 Su391

79969 SCHNEIDER, F., and EMMERICH, A. Über die bestimmung der härte; ein beitrag zur titration von calcium und magnesium mit komplexon in säften der zuckerfabrikation. Zucker-Beih. 4:53-56. Dec.1951. 65.8 Z84

79970 SCHNEIDER, F., and HOFFMANN-WALBECK, H. P. Über die rübenpektine in säften der zuckerfabrikation. Zucker-Beih. 4:48-53. Ref. Dec.1951. 65.8 Z84

79971 SKLAR, A. L., and VEGA, J. R. DE LA. Recent research and development with hydrosulfites in sugar fabrication. Asoc. de Téc. Azucareros de Cuba. Proc. 24:269-293. 1950. 65.9 As5

79972 STEWART, C. W., and GUILBEAU, W. F. Evaluation of sugarcane variety C. P. 44-154 for milling and processing. Sugar B. 30:295. July 1,1952. 65.9 Am32

79973 SWERLING, B. C. A sugar policy for the United States. Amer. Econ. Rev. 42:347-357. June 1952. 280.8 Am32

79974 TINLEY, J. M. Economic factors affecting the sugar beet industry. Calif. Agr. Expt. Sta. C. 413,24 p. May 1952. 100 C12S

79975 TORRES PARAPAR, P. Absolute alcohol by azeotropic methods. Asoc. de Téc. Azucareros de Cuba. Proc. 24:593-608. Ref. 1950. 65.9 As5

79976 TRELLES DUELO, E. E. Discovery of a protein-producing microörganism in sugar solutions. Asoc. de Téc. Azucareros de Cuba. Proc. 24:617-619. 1950. 65.9 As5

79977 VÁQUEZ, E. A. New methods for using the residues of the cane sugar industry. Asoc. de Téc. Azucareros de Cuba. Proc. 24:501-518. 1950. 65.9 As5

79978 VERHAART, M. L. A. The application of ion exchange in the sugar industry. (In Dutch.) Chem. Weekbl. 48:365-369. May 17,1952. 385 C42

79979 WEBRE, A. L. The significance and control of sugar crystal formation. Asoc. de Téc. Azucareros de Cuba. Proc. 24:247-268. 1950. 65.9 As5

TOBACCO

79980 BAKKEN, H. H., and MUELLER, W. F. Oligopsony in the Wisconsin tobacco industry. Land Econ. 28:132-146. May 1952. 282.8 J82

79981 CARACCIOLO, C. L'industrie du tabac en Italie. Rev. Internatl. des Tabacs 27:84-87. (Cont.) Apr.1952. 69.8 R324

79982 GARCIA-BADELL, G. Notas históricas sobre el tabaco. Agricultura [Madrid] 21:257-261. May 1952. 15 Ag84

79983 GIOVANNOZZI, M. Studies on tobacco fermentation. (In Italian.) Tabacco 56:50-52. Feb.1952. 69.8 T115

79984 GORNIK, R. Les tabacs yougoslaves. Rev. Internatl. des Tabacs 27:88-91. (Cont.) Apr.1952. 69.8 R324

79985 JAMES, H. B. The competitive position of the South in the production of fluecured tobacco. (Abs.) Assoc. South. Agr. Workers. Proc. 49:163-164. 1952. 4 C82

79986 MURAOKA, Y. Tabakohen [A study of tobacco]. Tokyo,Yokendo,1951. 161 p. 69 M932

79987 PERREAULT, E. F. Tobacco associates look forward to bigger and better festival this year. Tobacco [New York] 134(26):14-15. June 26,1952. 286.89 T552

79988 PERU. ESTANCO DEL TABACO. Informe. Lima,1951. 69.9 P43

79989 RETIEF, D. F. Tobacco production: climatic requirements and areas of cultivation. Farming So. Africa 26:148,158. May 1951. 24 So842
The industry in South Africa.

79990 ROLLIN, L. Le problème de la fermentation resolu. IV. Rev. Internatl. des Tabacs 27:81-83. Apr. 1952. 69.8 R324

79991 SCOTT, P. The tobacco industry of Southern Rhodesia. Econ. Geog. 28:189-206. July 1952. 278.8 Ec7

79992 SHEPARD, N. A. Shadegrown quality gains with years; association eases the grower's problems. Tobacco [New York] 134(26):8,35. June 26,1952. 286.89 T552
Shade Tobacco Growers Agricultural Association.

79993 STILES, H. F. 'Flip of a coin' or the 'turn of a leaf' the grower takes his chances each year. Tobacco [New York] 134(26):12-13. June 26,1952. 286.89 T552

79994 THOMPSON, J. R. Connecticut Valley growers have over three centuries of tobacco experience. Tobacco [New York] 134(26):16-17. June 26,1952. 286.89 T552

79995 U. S. OFF. OF FOREIGN AGRICULTURAL RELATIONS. Dictionary of the Cuban tobacco industry. Based primarily on Léxico Tabacalero Cubano, by José E. Perdomo, and including selected additions from other sources, by M. Coult. Washington,1952. 64 p. 1.943 D56

79996 VEN, R. VAN DER. The first World Congress on Tobacco. (In Dutch.) Netherlands. Dir. van de Tuinbouw. Meded. 15:293-311. May 1952. 86 N384
English summary.

MISCELLANEOUS PRODUCTS

79997 BIANCHEDI, A. The perfume of Italian flowers is worth nineteen millions. (In Italian.) Agricoltura 1(5):17-22. May 1952. 16 Ag8226
English summary.
The flower industry.

79998 CONNERY, F. E. Hops. (Abs.) Amer. Brewer 85(6):58. June 1952. 390.8 Am3
Analysis.

79999 CUTTING, C. L. Fish preservation down the ages. (Abs.) Chem. & Indus. 26:592-593. June 28,1952. 382 M31C

80000 ELKINTON, C. M., and HOOBLER, S. Q. Hop situation and outlook. Wash. Agr. Expt. Sta. C. 189,8 p. 1951? 100 W27S

80001 FLEMING, A. Looking at hops. Oreg. Dept. Agr. Agr. B. 174:14-15. June 1952. 2 Or3
Regulation.

80002 GERMANY. FEDERAL REPUBLIC, 1949-. STATISTISCHES BUNDESAMT. Anbau und ernteerträge von heil- und gewürzpflanzen 1951. Germany. Statis. Bundesamt. Statis. Ber. III/9/3,17 p. May 14,1952. 265 V58

80003 GISMONDI, P. M. Production of flowers and the export trade. (In Italian.) Italia Agr. 89:307-314. May 5,1952. 16 It1

80004 GOEDKOOP, W. Determination of hop bitter acids; report of the hop analysis committee of the G. N. B. S. Wallerstein Lab. Commun. 15:147-154. June 1952. 390.9 W15

80005 HOWARD, G. A., POLLOCK, J. R. A., and HARRIS, G. The chemistry of hop constituents. II-III. Chem. Soc. J., May 1952:1902-1914. 382 L84J

80006 JUL, M. Twelve years progress in the canning of fishery products. (In Danish.) Konserves 10:37-42. Apr.1952. 389.8 K835

80007 JUNI, R. A. Urgently needed: full development of the Philippine cinchona industry. Agr. & Indus. Life 14(5):12,35. May 1952. 25 Ag8

80008 RADA, E. L., and ROTHWELL, M. L., eds. First Floral Clinic Proceedings, August 9-10, 1951. Hawaii. U. Agr. Ext. Agr. Econ. Rpt. 8,113 p. 1951. 275.29 H312Ae
Floral associations of Hawaii cooperating.

80009 RADA, E. L. Flowers from Hawaii; booming island industry depends on packaging and air transport, and is teaching valuable lessons in put-ups for perishables. Mod. Packaging 25(10):124-128,193. June 1952. 309.8 M72

80010 RADA, E. L. Mainland markets for Hawaiian flowers and foliage. Hawaii. U. Agr. Ext. Agr. Econ. Rpt. 9,163 p. Feb.1952. 275.29 H312Ae

80011 RIGBY, F. L., and BETHUNE, J. L. Countercurrent distribution of hop constituents. (Abs.) Amer. Brewer 85(6):61. June 1952. 390.8 Am3

80012 SCHOONENS, J. G. Carbomethylcellulose as an aid in the fish industry. (In Dutch.) Visserijwereld 11(18):13-14. May 2,1952. 414.8 V82
Fish processing.

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

References on farm structures and rural housing are classified with Agricultural Engineering.

GENERAL

80013 AUSTRALIA. BUR. OF AGRICULTURAL ECONOMICS. The economics of conservation, by J. G. Crawford. Canberra,1952. 59 p. 281.1992 Au76
The Australian agricultural economy and conservation farming.

80014 BEAN, L. H. Farms and firms. II. Million more business firms than in the early thirties. Agr. Situation [Washington] 36(6):5-6. June 1952. 1 Ec7Ag

80015 CANADA. MARKETING SERV. ECONOMICS DIV. Changes in agriculture in Dundas County, Ontario, by J. A. Dawson. Ottawa,1952. 16 p. 281.135 C16C
Economic aspects.

80016 FOSSUM, P. R. Principles of economic development. Tacoma,Wash.,College Press,1952. 247 p. 277 F79
Includes The role of agriculture, p. 31-58.

80017 KNUDSEN, A. Economic effects of expanded forage plants production in Danish agriculture. (In Danish.) Tidsskr. f. Landøkon. 6:257-276. June 1952. 11 T43

80018 SHEN, T. H. Rural economic conditions in Taiwan. Chin.-Amer. Econ. Coop. 1(4):57-63. Apr.1952. 173.2 M98C

80019 STATIST. Economic survey of the Republic of Ireland. London,1951. 84 p. 280.171 St2
Includes agriculture.

80020 UNITED NATIONS. DEPT. OF ECONOMIC AFFAIRS. World economic report 1950-51. New York, 1952. 140 p. 280.9 Un3656
Includes agricultural data.

80021 U. S. CONGRESS. SENATE. COMMITTEE ON FOREIGN RELATIONS. Mutual Security Act of 1952. Hearings, 82d Cong., 2d sess. on a bill to amend the Mutual Security Act of 1951, and for other purposes, March 13, 14, 17, 18, 19, 20, 21, 24, 25, 26, 27, 28, 31, April 1, 2, 3, and 4, 1952. Washington,1952. 821 p.

80022 U. S. ECONOMIC COOPERATION ADMIN. DIV. OF STATISTICS AND REPORTS. The role of ECA in southeast Asia. Washington,1951. 21 p. (U. S. Economic Administration. Special Report) 173.2 Ec72Ro

AGRICULTURAL FINANCE

80023 CARRIE. L'application de la méthode du sondage à l'enquête sur les investissements en agriculture. France. Min. de l'Agr. Rev. Etudes & Monog. 71: 131-133. June 1952. 281.8 F84

80024 CHERRINGTON, J. High farming means high finance. Farmers Wk. [London] 37:73. July 4,1952. 10 F2226

80025 GIBSON, W. L., JR. We seldom farm up to our know-how. Va. Agr. Col. Ext. Va. Farm Econ. 131:2-7. May 1952. 275.29 V813
Capital requirements in farming.

80026 HEADY, E. O., and SWANSON, E. R. Resource productivity in Iowa farming with special reference to uncertainty and capital use in southern Iowa. Iowa. Agr. Expt. Sta. Res. B. 388:746-784. June 1952. 100 Io9

Credit

80027 AMERICAN BANKERS ASSOCIATION. AGRICULTURAL COMMISSION. Agricultural credit and related data 1952. New York,1952. 52 p. 284.29 Am3A

80028 CHRISTIANSON, J. O. Agricultural scholarships. Com. West 103(26):23-24,26-27. June 28,1952. 286.8 C733
Banking program.

80029 CRAMOIS, A. Questions fondamentales concernant le developpement du crédit agricole à long terme. Confed Internatl. du Crédit Agr. B. 1(3/4):7-13. Sept./Dec.1951. 284.29 C765

80030 FARRINGTON, R. L. How to get a loan from banks for co-operatives. Tex. Co-op. News 32(3):3. June 16,1952. 72.9 T315F

80031 GONZÁLEZ GALINDO, A. 260 millones de pesetas concedidos en créditos agricolas a través de las hermandades de labradores. Rev. Sind. de Estadis. 7(25): 17-21. First Q.1952. 263 Es8B
Spain.

80032 HARTMAN, A. J. The increasing importance of agricultural credit. (In Dutch.) Netherlands. Dir. van Tuinbouw. Meded. 15:323-324. June 1952. 86 N384

80033 HUDDLESTON, H. G. Banking's interest in agriculture. Tenn. Banker 40(7):10,12-15. July 1952. 284.8 T25

80034 ISLEIB, J. R. 35 years of a better farm mortgage system. Carolina Co-op. 30(6):10-11. June 1952. 72.8 N81

80035 KEIJSER, J. S. Financial problems in horticulture. (In Dutch.) Netherlands. Dir. van de Tuinbouw. Meded. 15:279-286. May 1952. 86 N384
English summary, p. 290.
Chiefly on credit.

80036 LAND AND AGRICULTURAL BANK OF SOUTH AFRICA. Report for the year ended 31st December, 1951. Pretoria,1952. 25 p. 284.29 L22

80037 LANDES-HYPOTHEKENANSTALT FUR NIEDERÖSTERREICH. Problèmes des opérations d'émission et de prêt des établissments hypothecaires régionaux en Autriche. Confed. Internatl. du Crédit Agr. B. 1(3/4):17-20. Sept./Dec.1951. 284.29 C765

80038 LE ROY. Sur une caisse autonome de la viticulture. Prog. Agr. et Vitic. 137:336-340. (Cont.) June 15/22,1952. 14 P94
France.

80039 LILES, J. L. Current livestock lending policies. Fed. Reserve Bank Atlanta, Mon. Rev. 36:41-47. May 31,1951. 284.8 F31A

80040 MARANI, C. Is agricultural credit wanted or not? (In Italian.) Mondo Agr. 3(22):3. June 1,1952. 16 M74
Italy.

80041 MARRERO ARISTY, R. Acoplamiento entre el plan de mecanización agrícola y el Banco de Crédito Agrícola e Industrial. Dominican Repub. Sec. de Estado de Econ. y Com. Rev. 21:20. Mar./Apr.1952. 280.9 D712

80042 MINNESOTA BANKERS ASSOCIATION. Proceedings of the 62nd annual convention, held in St. Paul, June 10-12, 1952. Com. West 103(26):7,9-67. June 28, 1952. 286.8 C733

80043 MOHRBUTTER. Zur regelung der landwirtschaftlichen entschuldung. Landwirtbl. Weser-Ems 99: 492. May 15,1952. 18 L2345

80044 MONTANA BANKERS ASSOCIATION. Proceedings of the 49th annual convention, held in Glacier Park - June 19-21, 1952. Com. West 104(3):7-50. July 19,1952. 286.8 C733

80045 PORTILLO, H. R. Estadísticas agrícolas. Banco Nac. de Fomento. B. 4:6-10. Apr.1952. 284.29 B2222
Chiefly on the compilation of agricultural credit statistics.

80046 RAVÀ, G. Aspects du crédit agricole en Italie. Confed. Internatl. du Crédit Agr. B. 1(3/4):20-23. Sept./Dec.1952. 284.29 C765

80047 SCHNURER. Questions fondamentales concernant le developpement du crédit agricole a long terme. Confed. Internatl. du Crédit Agr. B. 1(3/4):15-17. Sept./Dec.1951. 284.29 C765

80048 SCHULTE, D. Landwirtschaftlicher personalkredit und genossenschaften. Raiffeisen-Rundschau 4: 14. Jan.1952. 284.28 R132
Germany.

80049 SIVARAMAN, V. The role of the Reserve Bank of India in the scheme of agricultural credit. Reserve Bank India. B. 6:269-273. Apr.1952. 284.9 R31B

80050 THIENOT, J., and HELLY, J. La Caisse de Crédit Agricole Mutuel du Cameroun. Marchés Colon. du Monde 8:1327-1328. May 17,1952. 286.8 M33

80051 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Wisconsin PCA'S pay off, by I. W. Duggan, G. Susens, L. E. Jewett, and M. White. Washington,1952. 2 p. 1.914 R2R11

80052 VENKATARATNAM, B. Problems of long-term credit in Madras. Madras J. Co-op. 43:512-516. Apr.1952. 280.28 M26
Agricultural.

80053 WOOTEN, B. H. Texas banks help region convert to a modern system of agriculture. Dallas?1952. 2 p. 284.2 W88

80054 ZNAMENSKII, N. N. Extensive utilization of bank loans for introducing the new technique into wine manufacture. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):46-47. Sept.1951. 95.8 V77

Income

80055 BEAN, L. H. Who says farmers earn too much. Co-op Grain Q. 10(2):7-15. Summer 1952. 280.28 C7898

80056 BREDAL-BAUER, J. Income and capital in 1950. (In Swedish.) Sweden. Socialstyr. Sociala Meddel. 5:313-319. May 1952. 257.3 So1S
Includes farm income.

80057 BRUNNER, E. DE S. Nonagricultural income of farmers. Rur. Sociol. 17:168-169. June 1952. 281.28 R88

80058 COLLISSON, C. F. Wealth Belt farmers get $1 billion in 4-month cow-sow-hen-soil sales. Com. West 104:11. July 5,1952. 286.8 C733
Income.

80059 KAMLAH. Das arbeitseinkommen bäuerlicher wirtschaften. Agrarwirtschaft 1:136-141. June 1952. 281.8 Ag826
Germany.

80060 VIROLAINEN, J. On the importance of subsidiary earnings in the economy of Finland's population of small-farmers. (In Finnish.) Suomen Maataloustiet. Seura. Maataloustiet. Aikakausk. 24:1-23. Ref. 1952. 20 Su7M
English Summary.

80061 ZETTERBERG, O., and ZANDER, T. The farmers' assessed cash incomes, expenditures, and net revenues in 1950. (In Swedish). Jordbrekon. Meddel. 14: 173-182. May 1952. 257.3 J76
English summary, p. 172.

Inflation

80062 CRUZ R., C. Falta de producción y mala distribución de ella es la causa primordial de la inflación en Chile. Agrario 18,i.e.17(433):10-12. 1952. 9.3 Ag85

80063 ROMON, H. Le fonds de la scène. Nord Agr. 8(32):1-2. May 30,1952. 14 N75
Inflation in France.

Insurance

80064 CHILANTI, P. What the new rules on unified contributions will be. (In Italian.) Terra e Sole 118: 191-193. June 1952. 16 T273
Italy.

80065 KÄSS, L. Wer soll das bezahlen? Dreschen u. Pflügen 7(5):10-11. May 15,1952. 58.8 D81
Accident insurance in Germany.

80066 MARSAL, J. Les assurances sociales agricoles. Motorisation Agr. 7:191,193. Mar.1952. 58.8 M85
French health and old-age insurance.

80067 ROSEBROUGH, J. J. Check your liability. Hoosier Farmer 37(7):9,33. July 1952. 280.82 H76

80068 U. S. FEDERAL CROP INSURANCE CORPORATION. Wheat sales handbook. Washington,1952. 18 p. 1.952 W563

Taxation

80069 ASSOCIAZIONE AGRICOLTORI DI BOLOGNA. The insupportable burden of local taxes. (In Italian.) Bologna Agr. 4(19):1. Oct.31,1951. 16 B634

80070 COLLIER, R. Land tax. Valuer 12:60-63. Apr.1,1952. 282.8 V24
Australia.

80071 GADAL, A. L'État Francais paye 5 de ses dépenses grâce au tabac. Rev. Internatl. des Tabacs 27:75-78. Apr.1952. 69.8 R324

80072 KRIEBER, F. Besatzungskostensteuer 1952. Bauer 5(9):13-15. Mar.1,1952. 19 B32
Austria.

80073 LEIBFRIED, E. Was bringt derlastenausgleich für den bauern? Bauern-Ztg. 5(22):3. (Cont.) May 30, 1952. 18 B324
Germany.

80074 LEIBFRIED, E. Was bringt der lastenausgleich für den bauern? Bauern-Ztg. 5(23):3-4. (Concl.) June 6,1952. 18 B324
Germany.

80075 LISSNER, W. Some lessons in rural property tax exemption. Amer. J. Econ. & Sociol. 11:389-390. July 1952. 280.8 Am393

80076 MOORAHREND. Das problem des familienlastenausgleichs. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:870-871. June 5,1952. 18 L2345

80077 NUCKOLLS, W. J., JR. General problems on Federal income tax. Va. Agr. Col. Ext. Va. Farm Econ. 131:23-24. May 1952. 275.29 V813

80078 ROGLER, W. A cattleman looks at property taxes. Kans. State Bd. Agr. Rpt. 81(308):61-68. June 1952. 2 K13Re

80079 SCHROEDER, H. R. How to save on income taxes. Kans. State Bd. Agr. Rpt. 81(308):69-71. June 1952. 2 K13Re

80080 SCHUBERT. Hindert kreditaufnahme steuerbegünstigtes sparen? Raiffeisen-Rundschau 4:111. May 1952. 284.28 R132
Germany.

80081 SIJTSMA, P. Taxation questions. 58. (In Dutch.) Friesch Landbbl. 49:352. May 30,1952. 12 F91

80082 SIJTSMA, P. Taxation questions. 59. (In Dutch.) Friesch Landbbl. 49:364. June 6,1952. 12 F91

80083 SIJTSMA, P. Taxation questions. 60. (In Dutch.) Friesch Landbbl. 49:376. June 13,1952. 12 F91

AGRICULTURAL LABOR AND WAGES

80084 ARIZONA. STATE EMPLOYMENT SERV. 1950 Arizona cotton harvest; a study of hand and machine picking of cotton in Arizona. Phoenix,1951. 40 p. 72 Ar4

80085 BLOCH, K. Arbeitsersparnis in der getreideernte - mit und ohne mähdrescher. Landwirt. Wchnbl. f. Westfalen u. Lippe 109 A:952-953. June 19,1952. 18 L2346

80086 BURNIGHT, R. G., and others. Turn-over of regular hired workers on Connecticut dairy farms, 1950-1952. (A preliminary report). Conn. (Storrs) Agr. Expt. Sta. Inf-41,23 p. May 1952. 100 C76I
W. C. McKain, Jr., P. L. Putnam, L. J. Ducoff, and M. J. Hagood, joint authors.
U. S. Bureau of Agricultural Economics cooperating.

80087 CARVALHO, E. DE. Holidays for farmers. (In Portuguese.) Soc. Rur. Bras. Rev. 32(375):48-52. Apr.1952. 9.2 B733

80088 COVA, P. Note on the use of labor in growing and processing tobacco. (In Italian.) Tabacco 56:35-49. Feb.1952. 69.8 T115

80089 DANN, A. C. Farm wages must rise. Land Worker 33(397):6. June 1952. 283.8 L22
Great Britain.

80090 ERICSON, F. L. Labor requirements on farms of various sizes. (In Swedish.) Svensk Jordbrforsk. 1951:306-316. 11 J763

80091 ERICSON, F. L. The labor volume of agriculture. (In Swedish.) Lantmannen 36:383-384. May 17, 1952. 11 L234

80092 FONDARD, L. L'organisation scientifique du travail à la ferme. Réveil Agr. 61:162-163. June 1, 1952. 14 R322
France.

80093 GLASOW, W. Mögliche einsparung an handarbeit bei der rübenpflege. Grüne 80:679-684. June 20, 1952. 17 Sch9

80094 HAYTHORNE, G. V. Farm manpower in Canada's expanding economy. Labour Gaz. 52:566-570. May 1952. 283.8 CI6L

80095 HSIEH, C. Underemployment in Asia. I. Nature and extent. Internatl. Labour Rev. 65:703-725. June 1952. 283.8 In8
Includes agriculture.

80096 INTERNATIONAL LABOUR OFF. Year book of labour statistics, 11, 1949-50. Geneva,1951. 431 p. 283.9 In8Ye
Contains wages in agriculture.

80097 JACKSON, L. Productivity of rural labour; Australia and United States compared. Austral. Bur. Agr. Econ. Q. Rev. Agr. Econ. 5:67-71. Apr.1952. 281.9 Au73

80098 JAMES, J. A. June grads of a year ago. Agr. Educ. Mag. 25:22. July 1952. 275.8 Ag8
Occupations.

80099 JEHLIK, P. J. Iowa farmers using less hired help. Iowa. State Col. Agr. Ext. Iowa Farm Sci. 6:198-199. June 1952. 275.28 Io94

80100 JUNKER, A. Mähdrusch im lohnverfahren? Dreschen u. Pflügen 7(5):3-4. May 15,1952. 58.8 D81

80101 KHASANOV, M. Feed production brigades on the cotton-planting collective farms. (In Russian.) Kormovaia Baza 2(12):12-14. Dec.1951. 60.8 K84
Work management.

80102 LEODOLTER, F. Die soziale lage der westdeutschen land- und forstarbeiter. Landarb.-Arch. 7: 155-157. May 1952. 283 L23

80103 LEPILOV, P. V. On improving the organization and adjustment of payment of labor in collective farm beekeeping. (In Russian.) Pchelovodstvo 28(9):43-48. Sept.1951. 424.8 P295

80104 MORGUN, M. P. To strengthen the brigades; to enhance the role of the brigadier. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):45-46. Oct.1951. 95.8 V77
Work management on the grape growing state farms.

80105 PETRENKO, I. A. For brigade-squad work management [in grape culture]. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):47-48. Oct.1951. 95.8 V77

80106 PIVIÈRE, P. Le problème de la main-d'oeuvre et la mission de l'inspection du travail. Marchés Colon. du Monde 8:1271-1274. May 17,1952. 286.8 M33
Cameroun.

80107 REUTT, G. L'organisation scientifique du travail et l'agriculture: une visite au Centre d'Études Techniques Agricoles d'Ain-Tiddes. Elevage et Cult. 4 (40):11-12. Apr.1952. 24 EL2

80108 RIES, L. W. Beste arbeitslösungen in klein- und mittelbäuerlichen betrieben. Landwirt. Wchnbl. 142: 719-720. June 28,1952. 18 L2338
Germany.

80109 SALO, M. Investigations on labor requirements and returns from strawberry growing on small farms in Finland. (In Norwegian.) Frukt og Baer 4:38-45. 1951. 80 F9428

80110 SCHUMACHER. Allgemeinverbindlicherklärung der landarbeitertarife in Westfalen und Lippe. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:980. June 26,1952. 18 L2346

80111 SUNDAL, K. M. Work technique. (In Norwegian.) Gartneryrket 42:343-346. May 10,1952. 80 G1938
In market gardening.

80112 TAYLOR, C. S. New Mexico needs custom farm work. New Agr. 34:14-15. Mar./May 1952. 66.8 Su32

80113 THOMSON, P. The productivity of the human agent in agriculture: an international comparison. Chicago,1951. 190 p. 283 T38
Thesis - University of Chicago.

80114 U. S. S. R. VERKHOVNYÍ SOVET. PREZIDIUM. Decree on awarding the name of Hero of Socialist Labor and on rewarding with orders and medals of U. S. S. R. collective farmers and workers of state farms for obtaining high yields of selected green tea leaf, citrus fruits and grapes in 1951 and 1952. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):1-4. Sept.1951. 95.8 V77

80115 U. S. BUR. OF LABOR STATISTICS. Productivity in the beet sugar industry,1939-50, by A. M. Tucker. Washington,1951. 7 p. 158.61 P944
Labor productivity.

80116 U. S. CONGRESS. SENATE. COMMITTEE ON LABOR AND PUBLIC WELFARE. Migratory labor. Hearings, 82d Cong., 2d sess. on migratory labor. Pt. 2. Washington,1952. p.967-1089

80117 VERDEJO, A. Hay tareas fáciles que su hijo hará con gusto si usted lo deja. Mundo Agr. 4(37):94-95. June 1952. 9 M92

80118 VINK, A. P. A., and KAMPFRAATH, A. A. Division of labor in tea culture. (In Dutch.) Bergcultures 21:172-173,175,177,179,181. May 1,1952. 22.5 B45

80119 WOOD, I. D. Meeting the labor shortage. Hopper 10(8):6-7. Nov.1951. 70.8 H77
Hops harvesting.

80120 YOSHIOKA, K. Nogyo rodo no gijutsu-gaku [Technique of farm labors]. Tokyo,Yuhikaku,1951. 256 p. 283 Y84N

80121 ZINCK, E. Der lohnunternehmer im weinbau. Dreschen u. Pflügen 7(5):7. May 15,1952. 58.8 D81
Germany.

AGRICULTURE - SITUATION, POLICIES, AND PROGRAMS

80122 ABBISS, H. W. The intensive production of the South-West. Gt. Brit. Min. Agr. Agriculture 59:185-188. July 1952. 10 G79J

80123 ASTRAND, H. Adaptation of agricultural production. (In Swedish.) Lantbrakad. Tidskr. 91:48-56. Jan.1,1952. 104 Sw3
English summary.
Sweden.

80124 AULL, G. H. The competitive position of southern agriculture—general survey and critical appraisal. (Abs.) Assoc. South. Agr. Workers. Proc. 49:161. 1952. 4 C82

80125 BARGELLINI, P. On the facades of Roman abbeys the peasants find sculptured in the stone the symbol of their work. (In Italian.) Agricoltura 1(5):35-38. May 1952. 16 Ag8226
English summary.

80126 BARKER, F. W. A planned program of resource surveys. Surveying & Mapping 12:135-137. Apr./June 1952. 325.8 Am3
Surveys of the agricultural and forestry potential.

80127 BASTOS, H. M. Agriculture and its insoluble problems. (In Portuguese.) Chacaras e Quintais 85:619-621. May 15,1952. 9.2 C34
Brazil.

80128 BERENDES, P. Erzeugungsrichtung und erzeugungsleistung. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:871-872. June 5,1952. 18 L2346

80129 BORASIO, L. Java, land of dreams, country of contrasts. (In Italian.) Riso 1(3):16-19. Apr.1952. 59.8 R49
Agriculture.

80130 BOURDIN, A. Aspects agricoles du Pérou. (Sum.) Cahiers des Ingén. Agron. 7(2):24-26. 1952. 14 C112

80131 BRANNAN, C. F. The bulwark of freedom. Washington,U. S. D. A.,Off. Sec.,1952. 12 p. 1.91 A2B73
Talk at meeting of the Southeastern Peanut Association, Atlanta, June 9, 1952.
The agricultural situation.

80132 BRONNEN, H. Die aufgabe der produktivitätssteigerung; ein produktivitätsrat auch für die landwirtschaft. Übersicht 3(5):3-5. May 1952. 18 Ub3
Germany.

80133 BURGESS, A. C., and SCOTT, R. H. An introduction to Taranaki. New Zeal. Grassland Assoc. Proc. 13:33-45. 1951. 60.19 N48
Includes discussion.
Agriculture.

80134 BUTZ, E. L. Food and agriculture in this emergency. Ohio Banker 45(5):9-12. July 1952. 284.8 Oh3

80135 CALZECCHI-ONESTI, A. The green "pool." (In Italian.) Gior. di Agr. 62:187. June 22,1952. 16 It1G
Europe.

80136 CAMP, W. B. You can't eat red tape. Fruit & Veg. Rev. 14(2):14-15,22. May 1952. 80 C1224
Agricultural regulation.

80137 CAMPILLI, P. The agricultural potential of doubling production. (In Italian.) Agricoltura 1(5):9-14. May 1952. 16 Ag8226
English summary.
Agricultural policy in Italy.

80138 CANDIOLI, P. Aspects of Polesine agriculture. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:199-201. May 1952. 16 C72

80139 CAROLIS, V. DE. Discovery of agriculture in the Marches. (In Italian.) Gior. di Agr. 62:175. June 8,1952. 16 It1G

80140 CHOQUETTE, C. Développement considérable de l'agriculture au Témiscamingue. B. des Agr. 34,i.e. 48(4):14,99. Apr.1952. 7 B872

80141 COLES, E. H. New developments in western Kansas agriculture. Kans. State Bd. Agr. Rpt. 81(308): 101-109. June 1952. 2 K13Re

80142 CONIX, A. Quelques regards sur l'agriculture belge. Soc. Belge d'Etudes et d'Expansion. B. 51:201-204. Mar./Apr.1952. 280.8 So17

80143 COOLEY, H. D. The farmer and Congress. Agr. Chem. 7(7):52-53,55,63. July 1952. 381 Ag8

80144 COOLHAAS, C. Aspects agronomiques d'un voyage en Afrique Francaise au Sud du Sahara. (In Dutch.) Landbk. Tijdschr. 64:308-321. May 1952. 105.2 Or3
French summary.

80145 COQUERY, P. La raison de la haute productivité de l'agriculture danoise. France. Min. de l'Agr. B. Tech. d'Inform. 69:271-277. May 1952. 14 F844B

80146 COSENTINO, S. Increasing productivity in industry and agriculture. (In Italian.) Cam. di Com. Indus. e Agr. Bari. B. (n.s.)36(5):19-20. May 1952. 287 B232

80147 CROWE, W. Effect of legislation on primary production. Rur. Life, Apr.1952:8-9,11. 282.28 R884
Australia.

80148 DOYLE, F. Telling the farmers' side. Kans. State Bd. Agr. Rpt. 81(308):72-77. June 1952. 2 K13Re
The organization of agriculture as an industry.

80149 DUNCAN, G. A. L'évolution de l'agriculture dans la République Irlandaise au cours du XXe siècle. Soc. Belge d'Études et d'Expansion. B. 51:308-313. Mar./Apr.1952. 280.8 So17

80150 EDELMAN, C. H. Report on a tour to Syria, Irak and Pakistan in the spring of 1952. (In Dutch.) Landbk. Tijdschr. 64:331-335. May 1952. 105.2 Or3
English summary.
Includes agriculture.

80151 EIJNDTHOVEN, C. J. VAN. Rechts- en wetskennis voor de land- en tuinbouwer [Legal information for the farmer and gardener]. Boeren- en Tuindersbiblioth. Ser. B 4,159 p. 1951. 12 B638

80152 ENGLUND, E. The place of agriculture in world affairs. Assoc. South. Agr. Workers. Proc. 49:9-16. 1952. 4 C82

80153 FEDERAL RESERVE BANK OF CHICAGO. RESEARCH AND STATISTICS DEPT. The farm outlook for 1952. Chicago,1952. 16 p. 281.12 F312

80154 FOREMAN, W. J., and ECKLEY, R. S. Agriculture. Econ. Devlpmt. Sowest. Kans. 5,202 p. Ref. Aug.1,1951. 280.029 K134

80155 FRANCE. DEPT. DE LA DORDOGNE. DIRECTION DES SERV. AGRICOLES. Notions d'agriculture par G. Gory et J. Gauthier. Périgueux,1951. 338 p. 33.17 F8493

80156 FRASER, A. Farming to fashion. Young Farmer 20:163,165. May/June 1952. 10 Y8
Control in Great Britain.

80157 FROMONT, P. Quand Français et Tunisiens travaillent ensemble. Terre Marocaine 26:190-191. May 1952. 24 T44
Agriculture.

80158 GOLDBLOOM, M. J. Farms or factories? Amer. Mercury 75(343):57-65. July 1952. 110 Am35
In underdeveloped countries.

80159 GOMES, P. Brazilian agricultural production. (In Portuguese.) Bras. Açucareiro 38:532-535. Dec. 1951. 65.8 B73

80160 GRAY, R. H. Yarwun-Targinnie. Queensland Fruit & Veg. News 2(26):27-29. May 9,1952. 280.38 Q3
Agriculture.

80161 HARDIN, C. M. The politics of agriculture; soil conservation and the struggle for power in rural America. Glencoe,Ill.,Free Press,1952. 282 p. 281.12 H212P
Includes administration of the Department of Agriculture.

80162 HAYES, G. G. A survey of West Highland agriculture. Agr. Econ. Soc. J. Proc. 10:35-59. June 1952. 281.9 Ag8
Includes discussion.

80163 HAYOT, H. Evolution de l'agriculture au Perou. Cahiers des Ingén. Agron. 7(2):27-32. 1952. 14 C112

80164 HERMES, A. Landwirtschaftliche zusammenarbeit Europas. Raiffeisen-Rundschau 4:97-98. May 1952. 284.28 R132

80165 HITIER, H. Structure agraire et production agricole. Acad. d'Agr. de France. Compt. Rend. 39:320-323. Apr.30/May 7,1952. 14 P215Bc

80166 HOBSON, K. Keeping up on the farm outlook. Wash. State Col. Ext. C. 208,6 p.-folder. May 31,1952. 275.29 W27C

80167 HOBSON, K. Keeping up on the farm outlook. Wash. State Col. Ext. C. 209,6 p.-folder. June 20,1952. 275.29 W27C

80168 HOPE, C. R. World events and farming in the United States. Cotton Gin & Oil Mill Press 53(14):18, 32-34. July 5,1952. 304.8 C822

80169 HOVDE, B. Agriculture in Nordland and its future. (In Norwegian.) Norsk Landbr. 18:210-211. June 6,1952. 11 N8122

80170 INGEMANN, S. Southwest Africa. (In Danish.) Denmark. Udenrigsmin. Tidsskr. 33:267-271. May 10, 1952. 286.8 D41
Includes agriculture.

80171 INTER-AMERICAN CONFERENCE ON AGRICULTURE, 4TH, MONTEVIDEO, 1950. Final act. Washington,1951. 64 p. (Pan American Union. Division of Conferences and Organizations. Conferences and Organizations Series 9) 150.91 F49

80172 JAGGI, E. Die ökonomische und soziale lage der schweizerischen landwirtschaft. In Steiger E von. Bundespräsident über das neue Landwirtschaftsgesetz, p.17-32. Brugg,Schweizerisches Bauernsekretariat,1951. 281.178 St3

80173 JASKA, E. Agricultural policy in south and southeast Asia. Agr. Abroad 7(4):1-7. Apr.1952. 281.9 C1642A

80174 KANSAS. BOARD OF AGRICULTURE. Kansas agricultural convention 1952. Topeka,1952. 124 p. 2 K13Re

80175 KEATING, K. The Murray Valley—past and future. Rur. Life, May 1952:8-9. 281.28 R884
Agricultural.

80176 KEILLING, J. Place des industries agricoles dans un programme d'enseignement relatif à la conservation et à une meilleure utilisation des ressources naturelles. Indus. Agr. et Aliment. 68:231-234. May/June 1951. 383 As7
English summary.

80177 KERR, D. The physical basis of agriculture in British Columbia. Econ. Geog. 28:229-239. July 1952. 278.8 Ec7

80178 KOCH, E. Nicht ohne rückwirkungen. Obst u. Gemüse 4:554-555. June 12,1952. 286.83 Ob72
Agricultural policy in Germany.

80179 KUNHENN, P. Das Emsland. Kosmos 48:145-150. Apr.1952. 474 K842
Includes agriculture.

80180 LAGON, F. Steady gains on the agricultural front. Agr. & Indus. Life 14(5):23,47. May 1952. 25 Ag8
In the Philippines.

80181 LANDWIRTSCHAFTLICHE nahrungs- und rohstoffbasis der UdSSR. Wirtschaftsdienst 32:305-307. May 1952. 280.8 W74

80182 LANGSFORD, E. L. Production potentiality of southern agriculture. (Abs.) Assoc. South. Agr. Workers. Proc. 49:16-17. 1952. 4 C82

80183 LASSETER, D. B. How America helps small farmers. Rur. Life,Apr.1952:7. 282.28 R884

80184 LE MAIR, W. La communauté agricole européenne. II. (In Dutch.) Econ.-Statis. Ber. 37:462-465. June 18,1952. 280.8 Ec722
French summary, p. 459.

80185 LOWE, C. V. N. C. farmers observe Florida agriculture production. Tarheel Banker 31:26. July 1952. 284.8 T17

80186 MCCORMICK, C. J. An age of challenge. Washington,U. S. D. A.,Off. Sec.,1952. 15 p. 1.91 A2M132
Talk at State PMA Conference, Frankenmuth, Mich., June 5, 1952.
Production goals.

80187 MCCORMICK, C. J. Our goal is peace. Washington,U. S. D. A.,Off. Sec.,1952. 9 p. 1.91 A2M132
Talk at Convention of Woman's National Farm and Garden Association, Washington, D. C., May 13, 1952.
Production goals in agriculture.

80188 MCMUNN, E. W. French farmers plagued by government regulation. Ohio Farmer 210:3,14-15. July 5,1952. 6 Oh3

80189 MAIER, R. Die landwirtschaft in der regierungserklärung. Württemb. Wchnbl. f. Landwirt. 119: 513-515. June 7,1952. 18 W96

80190 MARAMBA, F. D. Mindanao development. Philippine Agr. Engin. J. 3:20-24. First Q.1952. 58.8 Ag88
Agriculture.

80191 MASEFIELD, G. B. Some European books on tropical agriculture, 1946-50. Trop. Agr. [St. Augustine] 28:113-115. July/Dec.1951. 26 T754

80192 MASPÉTIOL, R. Quelques problèmes de structure et de statuts fonciers dans l'agriculture de montagne. Acad. d'Agr. de France. Compt. Rend. 39:296-298. Apr.30/May 7,1952. 14 P215Bc

80193 MESCHINI, C. Demonstrations on the agriculture and livestock of Maremma. (In Italian.) Mondo Agr. 3(21):5. May 25,1952. 18 M74

80194 MEULEN, A. A. M. V. D. Leeuwarden is an agricultural center. (In Dutch.) (Sum.) Plattelands-Post 8(24):1. June 12,1952. 12 P69

80195 MEYER, H. Brazilian agricultural policy. (In Dutch.) Landbowwereldnieuws 7:356-358. June 7, 1952. 12 L237

80196 MISSION TO SURINAM. Surinam; recommendations for a ten year development program; report of a mission. Baltimore,Johns Hopkins Press,1952. 101 p. 280.166 M69
An advance copy of the main report of the Mission.
Includes agriculture.

80197 MITCHELL, C. C. Needed: a more realistic approach to farm policy. Farm Policy Forum 5(17,i.e.7): 13-17. July 1952. 281.8 F2274

80198 MONTANA CAMACHO, G. La agricultura norteamericana. Rev. Agr. y Ganad. 13,i.e.14(145):22-23. Feb.1952. 9.4 R327

80199 MOWS, H. Vor dem Deutschen Bauerntag 1952. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 979-980. June 26,1952. 18 L2346
Agriculture.

80200 NEIGHBOURS, J. L. Agriculture—the first occupation of man. Aberdeen-Angus. J. 34:78,274. Aug. 1952. 43.8 Ab3
In the Bible.

80201 NIAGARA COUNTY, NEW YORK. PRODUCTION AND MARKETING ADMIN. COUNTY COMMITTEE. The 1951 agricultural conservation program for Niagara County. Lockport,1951. 32 p. 281.9 N51

80202 NOKA no jiten [Dictionary of farmers]. Tokyo, Yomjuri Shimbun Sha,1952. 113 p. 30.1 N69

80203 PAOLIS, G. DE. Human importance and economic significance of the agricultural industries. (In Italian.) Agricoltura 1(5):49-51. May 1952. 16 Ag8226

80204 PATE, R., and PALMER, L. The dawn of a new farming era. Raleigh,Agr. Found.,1951. 20 p. 31.3 P27
North Carolina.

80205 PEET, H. M. Agricultural program for the Columbia Basin area. Washington?U. S. Dept. Agr.,1952. 7 p. 1.91 A2P34
Talk at meeting of the Pacific Northwest Farm Council, Spokane, Mar. 15, 1952.

80206 PIERSON, D. Decline of agriculture in Cruz das Almas. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:97-108. Mar./Apr.1952. 9.2 R324

80207 POLAND. EMBASSY. U.S. Poland's six year plan, 1950-1955. Washington,1951. 48 p. (Polish Documents) 280.177 P753
Includes agriculture.

80208 PRUNTY, M., JR. Land occupance in the Southeast: landmarks and forecast. Geog. Rev. 42:439-461. July 1952. 500 Am35G
Agriculture.

80209 PULVER, E. Die landwirtschaft der Bretagne. Schweiz. Bauer 106(67):5. June 13,1952. 17 Sch95

80210 ROBLES, L. Entrevistas de "Tierra." Tierra [México] 7:314-318. May 1952. 8 T445
Observations on Mexican agriculture.

80211 ROCHESTER, M. C. The agricultural outlook South Carolina, 1952. N. Y. Agr. Col. Cornell Ext. C. 368,16 p. Dec.1951. 275.29 So8E

80212 SAMKALDEN, I. Consideration of collective interests in agricultural legislation. (In Dutch.) Landbk. Tijdschr. 64:338-339. May 1952. 105.2 Or3

80213 SCHLANGE, E. S. Argentiniens agrarpolitik. Agrarwirtschaft 1:147-149. June 1952. 281.8 Ag826

80214 SCHLINGEMANN. Impressions of a trip to the United States. II. (In Dutch.) Zeeuwsch Landbbl. 40(2126):2. June 14,1952. 12 Z2
Agriculture.

80215 SCHNELLBACH, O. Das grosse, entwicklungsfähige land. Landtechnik 7:348-350. June 15,1952. 58.8 L235
Agriculture in Pakistan.

80216 SEEDORF, W. Landwirtschaftsgesetz oder landvolksgesetz? Deut. Landwirt.-Gesell. Mitt. 67:385-386. May 24,1952. 18 N39

80217 SELLY, C. Farms and food. New Statesman & Nation 43:694-695. June 14,1952. 280.8 N2132
Agricultural problems and policy in Great Britain.

80218 SOCIEDAD NACIONAL AGRARIA, LIMA. La potencialidad agropecuaria del Peru, by C. Derteano Urrutia. Lima,1951. 47 p. 281.168 So1

80219 SOTH, L. K. Oligopoly doesn't work in agriculture. Farm Policy Forum 5(17,i.e.7):18-20. July 1952. 281.8 F2274

80220 STAMP, L. D. How far can Britain feed herself? Farmer & Stock-breeder 66(3271):35,37. July 1, 1952. 10 F228

80221 STEIGER, E. VON. Bundespräsident über das neue Landwirtschaftsgesetz. Brugg,Schweizerisches Bauernsekretariat,1951. 32 p. 281.178 St3

80222 STORM. Gegenwartsfragen der agrarpolitik. Landwirtbl. Weser-Ems 99:575-576. June 12,1952. 18 L2345

80223 STORM. Westdeutschlands agrarpolitische gegebenheiten. Landwirtbl. Weser-Ems 99:483-484. May 15,1952. 18 L2345

80224 STRONG, T. H. The scope for increasing Australia's rural production. Austral. Bur. Agr. Econ. Q. Rev. Agr. Econ. 5:43-47. Apr.1952. 281.9 Au73

80225 SUGUITAN, J. The Bureau of Lands on Mindanao development. Philippine Agr. Engin. J. 3:25-28. First Q.1952. 58.8 Ag88
Agriculture.

80226 SUZUKI, K. Nippon nogyo to nogyo riron [Japanese agriculture and agricultural theory]. Tokyo, Ochanomizu Shobo,1951. 288 p. 281.183 Su92

80227 TAYLOR, H. M. Recent trends in Virginia agriculture. Va. Econ. Rev. 5(3):1-3. July 1952. 280.7 V812

80228 THØGERSEN, F. The Marshall Plan and agriculture. (In Danish.) Dansk Landbr. 71:273-274. June 12,1952. 280.28 V91

80229 TOMLINSON, J. C. North Carolina's agriculture makes progress. Tarheel Banker 31:39. July 1952. 284.8 T17

80230 TOPLER, K. V. Greater production from existing farms. Queensland Fruit & Veg. News 2(21):22-23. Apr.4,1952. 280.38 Q3

80231 TOSCHI, U., and RANIERI, L. Rural economy and population in Apulia. (In Italian.) Cam. di Com. Indus. e Agr. Bari. B. (n.s.)36(5):13-17. May 1952. 287 B232
Regions.

80232 U. S. FOREST SERV. Future demands on land productivity. In U. S. President's Materials Policy Commission. Resources for freedom, v.5,p.63-75. Washington,D.C.,1952. 173.3 P92

80233 U. S. PRESIDENT'S MATERIALS POLICY COMMISSION. Resources for freedom. Washington, D. C.,1952. 5 v. 173.3 P92
v. I, Foundations for growth and security, 184 p. (Chapters 8-9 deal respectively with management of timber resources and improvement of agricultural production); v. II, The outlook for key commodities, 210 p. (Ch. 24 includes agricultural raw materials); v. IV, The promise of technology, 228 p. (Ch. 10 is on the technology of forest products); v. V, Selected reports to the Commission, 154 p.

80234 U. S. PRODUCTION AND MARKETING ADMIN. Agricultural conservation program; maps 1949. Washington,1951. 57 p. 1.956 F45Ag8

80235 URUGUAY. MINISTERIO DE GANADERÍA Y AGRICULTURA. Planes de fomento agropecuario. Montevideo,1951. 100 p. 281.167 Ur8P

80236 VAUGHAN, L. M. Exploring the concepts and principles of farm and home planning. Washington,U. S. Ext. Serv.,1952. 6 p. 1.913 E2V46
Summary of comments, Southern Regional Farm and Home Planning Workshop, Edgewater Park, Miss., May 26, 1952.

80237 VECCHI, G. DE. The agricultural policy of the French Government. (In Italian.) Mondo Agr. 3(21):1-2. May 25,1952. 18 M74

80238 VILA PLA, J. A. La Nación mira hacia el campo; fomentando la producción agropecuaria. Pampa Argentina 25(293):3,27. May 1952. 9 P19

80239 VINCENT, J. Le Salvador. Cahiers des Ingén. Agron. 7(2):6-13. 1952. 14 C112
Agricultural.

80240 VISSER, W. C. Agriculture. Soil Sci. 74:1-13 July 1952. 56.8 So3
Netherlands.

80241 VOLTERRA, E. Bibliografia di diritto agrario romano [Bibliography of Roman agrarian law]. Firenze, Coppini,1951. 141 p. (Osservatorio Italiano di Diritto Agrario. Testi Legislativi e Documenti) 241 V88

80242 WARD, G. H. Japan's agricultural cooperative program. Foreign Agr. 16:115-119. June 1952. 1.9 Ec7For

80243 WATSON, W. F. The agricultural outlook for 1952. Ontario Crop Impr. Assoc. Addresses & Proc. 15: 27-30. 1952. 64.9 On83

80244 WEISS. Für und wider eine landwirtschaftskammer. Württemb. Wchnbl. f. Landwirt. 119:578-579. June 28,1952. 18 W96

80245 WELLS, O. V. Agriculture and the American future. Natl. Reclam. Assoc. Proc. 20:146-152. 1951. 55.9 N212

80246 WESTON, I. W. Questions of the hour. No. Canterbury Fed. Farmers' Ybk. 1951:83,85,87-89,91,93, 95,97,99,101,103,105. 23 N81
Agricultural.

80247 WIGHTMAN, R. Watching the certain things. London,Cassell,1951. 150 p. 32 W633W
Agriculture.

80248 WILLIAMS, S. W. The competitive position of southern agriculture. (Abs.) Assoc. South. Agr. Workers. Proc. 49:162-163. 1952. 4 C82

Subsidies

80249 KAPNER, S. K. Food and people. V. Good Husb. 2(8):13,15. Apr.1952. 24 G59
Subsidies.

FARM MANAGEMENT AND LAND ECONOMICS

80250 ACLAND, P. B. E. The Royal Show county; diverse in land, weather and farming, hard to mechanise, Devon retains an intense local patriotism. Field 199: 1024-1025. June 28,1952. 10 F45

80251 BALZAC, G. H. DE. L'hévéaculture européenne: la plantation de Dizangué. Marchés Colon. du Monde 8:1293-1295. May 17,1952. 286.8 M33
In Cameroun.

80252 BOUTARD, R. J. Agriculture et marxisme en Allemagne orientale et en Chine. Économie 8(354):15-20. June 12,1952. 280.8 Ec726
Collectivization.

80253 CALDER, A. Orkney's changing agriculture. Scot. Agr. 32:37-41. Summer 1952. 10 Sco82So

80254 CERVI, B. La "mezzadria" en Italia permite un cultivo más intenso del suelo. Mundo Agr. 4(37):74. June 1952. 9 M92

80255 CLAMAR. Problems of poultry raising; the importance of specialization in increasing production and reducing costs. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(53):4. June 25,1952. 281.8 Ag3

80256 DAWE, C. V. The problem of Exmoor. Gt. Brit. Min. Agr. Agriculture 59:169-173. July 1952. 10 G79J
Farming problems.

80257 EATON, J. W. The group farm. Coop. Living 3(3):7-10. Spring 1952. 280.28 C7871

80258 FELLOWS, I. F., FRICK, G. E., and WEEKS, S. B. Production efficiency on New England dairy farms. 2. Economies of scale in dairying—an exploration in farm management research methodology. Conn. (Storrs) Agr. Expt. Sta. B. 285,47 p. Feb.1952. 100 C76S
Size of farm business and cost relationships.

80259 GARATTONI, E. Farmers' educational trip to Milan. (In Italian.) Spezia Agr. 7(5):1,3. May 1, 1952. 16 Sp3
Observations on farming.

80260 GATTON, K., and others. Farm property management. Rur. Realtor 4(2):1,3-7. Second Q.1952. 282.8 R88
J. M. Dowell, B. Cowgill, L. Lantz, and G. W. De Voe, joint authors.

80261 GRAY, J. R., and BAKER, C. B. Commercial family-operated sheep ranches, range livestock area, Northern Great Plains, 1930-50; organization, production practices, costs, and returns. Mont. Agr. Expt. Sta. B. 478,94 p. Ref. Nov.1951. 100 M76

80262 GRAY, J. R., and BAKER, C. B. Sheep ranching in the Northern Great Plains; a summary of organization, costs, and returns of an average size family-operated sheep ranch, 1930-50. Mont. Agr. Expt. Sta. C. 196, 19 p. Nov.1951. 100 M76

80263 GYNN, G. Profitable pattern for small farms [in Great Britain]. Farmer & Stock-Breeder 66(3272): 57-58. July 8,1952. 10 F228

80264 HAMBOULLAS, K. Necessity for increasing food production. Countryman [Nicosia] 6(4/5):6-8. Apr./May 1952. 25 C83
The application of improved cultural methods.

80265 HARRINGTON, L., and HARRINGTON, R. Dutch courage shows up; farmers in the reclaimed jungle of Dutch Guiana have tried many different crops with varying success. Family Herald & Wk. Star 83(26):7,10. June 26,1952. 7 F21

80266 HARRINGTON, R. Ranching in the Rupununi; life and ranching in the hinterland of British Guiana has been modernized with the aid of the airplane. Family Herald & Wk. Star 83(24):7,12. June 12,1952. 7 F21

80267 HARRIS, J., and GYNN, G. The South Western scene, land of live stock; a story in word and picture of the farming of Devon and Cornwall. Presented to mark the first visit of the Royal Show to these counties since 1890. Farmer & Stock-Breeder 66(3270):49-53,55. July 24,1952. 10 F228

80268 HARTLEY, F. A Manx young farmer in America. Manx J. Agr. (n.s.)6(4):38-39. Apr.1952. 10 M312
Dairy farming in Wisconsin.

80269 HAZAMA, M. Shono keizairon [Opinions on economy of small-scaled agriculture]. Tokyo,Yuhikaku, 1952. 373 p. 281 H33

80270 HEFTI, J. Probleme des bergbauernbetriebes. Grüne 80:685-696. June 20,1952. 17 Sch9
Switzerland.

80271 HERSHKOVITZ, A. Fundamental considerations for classifying plantations according to regions. (In Hebrew.) Hassadeh 32:237-239. Feb.1952. 26 H27

80272 HOME, SIR J. H. M. Border estate management. Scot. Agr. 32:24-28. Summer 1952. 10 Sco82So

80273 HUTCHINSON, J., and SMITH, C. S. Six men of Devon. Farmers Wk. [London] 36(26):60-61,63-64,67. June 27,1952. 10 F2226
Types of farming.

80274 ILKMEN, S. N. L'importance des cartes topographiques dans le relèvement agricole. (In Turkish) Türkiye Cumhuriyeti Ziraat Bankasi. Uç Ayda Bir Çikar 22/23:72-73. Apr./Sept.1951. 280.9 T842

80275 INDIANA. PURDUE UNIVERSITY. AGRICULTURAL EXTENSION SERV. Efficiency dairy program. Purdue U. Agr. Ext. L. 268,rev.,12 p. June 1952. 275.29 In2L
Farm management.

80276 INFIELD, H. F. The closing of the Zionist pioneer training farms in America. Coop. Living 3(3): 10-12. Spring 1952. 280.28 C7871

80277 JACKSON, G. F. Public lands. Outdoor Amer. 17(4):29-31. July/Aug.1952. 410 Iz1

80278 KANSAS. STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE. EXTENSION SERV. Increasing farm production. Kans. State Col. Agr. Ext. L. 18,8 p.-folder. May 1952. 275.29 K13Le
Management.

80279 KAUFFMAN, H. H. Observations in Germany. Pa. Farmer 146:548-549. June 28,1952. 6 P383
Farming.

80280 KIMBALL, L., and KIMBALL, MRS. L. In one year, "a field of beauty and profit." Soil Conserv. 17:251,254. June 1952. 1.6 So3S
Conservation farming and pasture improvement.

80281 KJAER, M. T. Do the farmers use the results of experiments. III. (In Danish.) Husmandshjemmet 2 (21):6. May 20,1952. 11 H963

80282 KOJIMA, T. Gaisetsu nippon nogyo gijutsu-shi [Historical outline of Japanese farming technique]. Tokyo,Yoken-do,1951. 290 p. 34.3 K82G

80283 KRIELLAARS, F. W. J. Enige beschouwingen over het gezinsbedrijf in de landbouw [Observations on the family farm in agriculture]. Leiden,Kroese,1951. Ref. 26 p. 281.172 K89

80284 KURIHARA, H. Gendai Nippon nogyo ron [Study of recent Japanese farming]. Tokyo,Chuo Koronsha,1951. 291 p. 281.183 K96

80285 LARSEN, H. V. S. Problems of hill country improvement. New Zeal. Grassland Assoc. Proc. 13:101-106. 1951. 60.19 N48
Farm management.

80286 LETZ, R. B. The Luling Foundation, a practical demonstration farm now in its 25th year. Cattleman 39(2):30-32,34. July 1952. 49 C29

80287 M'DOUGAL, A. R. Fifty-one years' farming in Lammermuir. Scot. Agr. 32:1-6. Summer 1952. 10 Sco82So

80288 MACFARLAN, P. J. Devon: County of diverse farming. Gt. Brit. Min. Agr. Agriculture 59:160-163. July 1952. 10 G79J

80289 MCPHERSON, W. K. A critical appraisal of family farms as an objective of public policy. (Abs.) Assoc. South. Agr. Workers. Proc. 49:17-18. 1952. 4 C82

80290 MADDEN, E. A. Greater production in relation to hill-country farming. New Zeal. Grassland Assoc. Proc. 13:128-132. 1951. 60.19 N48
Farm management.

80291 MARTELLI, G. The Elveden enterprise; a story of the second agricultural revolution. London, Faber and Faber,1952. 172 p. 32 M362

80292 MORGUN, P. M. To improve the planning work of [grape] state farms. (In Russian.) Vinodel. i Vinograd. SSSR. 11(9):47-48. Sept.1951. 95.8 V77

80293 MUNRO, C. Better farm management for higher yields. Ontario Crop Impr. Assoc. Addresses & Proc. 15:31-35. 1952. 64.9 On83

80294 NICHOLAS, G. W. The answer to desert encroachment; conservation methods in arid Karoo by individual enterprise sets springs flowing after last trickle stopped twenty-five years ago. Farmer's Wk. [Bloemfontein] 83:14-15,17. June 25,1952. 24 F225

80295 NICHOLSON, A. H. All-out for beef and corn. Farmer & Stock-breeder 66(3271):54-55. July 1,1952. 10 F228
A balanced system of livestock and coarse grain production by a Hertfordshire farmer.

80296 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Output from the National Farm. North. Ireland. Min. Agr. Mon. Agr. Rpt. 27:35-39. June 1952. 256.13 Ag82M

80297 OZAWA, T., and KAGEYAMA, C. Sakumotsu saibai no kiso chishiki [Basic knowledge of cultivation]. Tokyo,Saginomiya Shobo,1952. 421 p. 30 Oz1

80298 PATERSON, J. W. Nature in farming; a discussion of scientific principles in their relation to farm practice. Ed. 6. Perth,Carroll,1951. 206 p. 30.2 P27

80299 PLAXICO, J. S. What's new on the farm front. Va. Agr. Col. Ext. Va. Farm Econ. 131:13-20. May 1952. 275.29 V813
Management.

80300 RAINERI, C. To keep the land in the hands of farmers, let youth help manage the farm. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(53):1-2. June 25, 1952. 281.8 Ag3

80301 ROMIJN, W. Lage und entwicklung des Indonesischen plantagenbaus. Wirtschaftsdienst 32:301-304. May 1952. 280.8 W74

80302 RUTHERFORD, J. Further aspects of dairy farming on the Lower North Coast. Rev. Mktg. & Agr. Econ. 20:53-86. Mar.1952. 286.8 N47M
New South Wales.

80303 SCHMID, H. Milchfarmen im Staate Connecticut (USA). Allgäuer Bauernbl. 20:334-335. June 26, 1952. 18 AL53

80304 SCOLA, P. M. Problems of farm classification Agr. Econ. Soc. J. Proc. 10:4-16. June 1952. 281.9 Ag8
Includes discussion.
Great Britain.

80305 SCOTLAND. DEPT. OF AGRICULTURE. FARM ECONOMICS BR. Types of farming in Scotland. Edinburgh,H. M. Stationery Off.,1952. 100 p. 281.171 Sco322

80306 SMITH, E. J. A farm with sixth guv'nors. Farmers Wk. [London] 36(25):57,59. June 20,1952. 10 F2226
The Boverton Castle Co-operators Ltd., farming enterprise under the direction of the Welsh Land Settlement Society.

80307 SÖDERPALM, E. Farming at Sorselegården, vocational school for agriculture and home management of the Västerbotten Agriculture Society. (In Swedish.) Växt-Närings-Nytt 8(5):37-41. 1952. 57.8 V47

80308 SOUTHERN FARM MANAGEMENT EXTENSION COMMITTEE. Case studies of father-son farm agreements. South. Farm Mangt. Ext. P. 2,48 p. Dec. 1951. 275.29 So84

80309 SPEISER, H. Ingenieurmässiges denken in der nahrungsproduktion. Landtechnik 7:332-333. June 15, 1952. 58.8 L235
Germany.

80310 TAYLOR, J. J. Horace Greeley's experiment in State socialism didn't work in Pennsylvania's big forests. Pa. Forests & Waters 4:36-39. Mar./Apr.1952. 99.8 P38

80311 TERUSAKI, Y. Kochi to rodo [Cultivated land and labor]. Tokyo,Kokudo Sha,1952. 265 p. 283 T272

80312 TESTA, J. Agriculture is being modernized. (In Portuguese.) São Paulo. Supt. dos Serv. do Café. B. 27:217-219. Mar.1952. 68.29 Sa63

80313 TIMASHOVA, M. For further improvement of services [to collective farms] of machine-tractor station. (In Russian.) Mashinno-Traktornaîa Sta. 12(3):8-11. Mar.1952. 58.8 M11

80314 TURPIN, H. W., and ROWLAND, J. W. A mixed farming system for the highveld; milk production from leys and cash crops. Farming. So. Africa 26:145-147. May 1951. 24 So842

80315 UNION OF SOUTH AFRICA. DEPT. OF AGRICULTURE. DIV. OF ECONOMICS AND MARKETS. Growth of Union's farming systems defined; agro-economic survey shows present-day demarcation of country's agriculture. Farmer's Wk. [Bloemfontein] 83:55,57,59, 61. June 25,1952. 24 F225

80316 VIANNAY, C., and FOUCAULT, H. DE. Les systèmes de culture dans les fermes d'Avrillé et du Prieure. École Supér. d'Agr. et de Viticult. B. Mens. 30: 79-90. Feb.1952. 275.9 An4
Includes organization.

80317 VOVCHENKO, I., and TURCHAK, M. At Shevchenko Machine-Tractor Station [in Odessa Region]. (In Russian.) Mashinno-Traktornaîa Sta. 12(3):11-13. Mar.1952. 58.8 M11

80318 WESTERN AUSTRALIA. DEPT. OF AGRICULTURE. A calendar of farming operations for cereals and sheep in the Western Australian wheat belt (12in.—25in. annaul rainfall.). West. Austral. Dept. Agr. L. 1048, chart. 1952. 23 W52B

80319 WICKTOR, C. E. This changing agricultural scene. Coop. Poultryman 17(3):5. Mar.1952. 47.8 C782
Farms in California.

80320 WRIGHT, K. T. An American looks at farm management research in Britain. Agr. Econ. Soc. J. Proc. 10:17-34. June 1952. 281.9 Ag8
Includes discussion.

Bookkeeping and Records

80321 LEOPOLD, F. M. Landbouwboekhouden [Farm bookkeeping]. Boeren- en Tuindersbiblioth. Ser. B 2, 110 p. 1951. 12 B638

80322 LERSNER, VON. Die buchführung im bäuerlichen betrieb. Württemb. Wchnbl. f. Landwirt. 119: 536-537. June 14,1952. 18 W96

80323 SOLBRAA, A. Farm accounts and farm budget. (In Norwegian.) Norsk Landbr. 18:218-221. June 20,1952. 11 N8122

80324 TOOLE, J. Ultimatum—take care of your business in a business way—or else: system and records tell the story. Amer. Hereford J. 43(5):762-764. July 1, 1952. 43.8 Am32
Bookkeeping.

Costs and Returns

80325 BAZHENOV, F. V. For a complex decrease in cost of production [at Rostov Factory of Champagnes]. (In Russian.) Vinodel. i Vinograd. SSSR. 11(10):49. Oct. 1951. 95.8 V77

80326 BECKER, M. H. Broiler production costs in Oregon; a preliminary survey on 17 Willamette Valley farms, 1952. Oreg. Agr. Expt. Sta. C. Inform. 513,5 p. June 1952. 100 Or3C

80327 BUFFA, E. Net production and net returns in rice undertakings. (In Italian.) Riso 1(2):17-18. Mar. 1952. 59.8 R49
Italy.

80328 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Avocado management in 1951, San Diego County, by W. Sullivan. Berkeley?1951? 7 p. 275.29 C12En
Includes costs and returns.

80329 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Fourth annual report, Tulare County poultry management study, 1951, by B. B. Burlingame and W. F. Rooney. Berkeley?1951. 7 p. 275.29 C12En
Income and costs.

80330 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Second annual report of the Santa Clara County walnut management study for 1951; a study of practices and costs in 15 orchards, by A. Shultis and G. D. Worswick. Berkeley?1952. 8 p. 275.29 C12En

80331 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Sonoma County poultry egg production and management study, by A. Shultis and V. Stratton. Berkeley?1952. 9 p. 275.29 C12En
Includes costs and returns.

80332 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Twenty fourth annual Sacramento poultry management study, 1951, by E. R. Temperli, A. D. Reed, and G. W. Morehead. Berkeley?1952. 12 p. 275.29 C12En
Includes costs and returns.

80333 DALMASSO, G., and TOFANI. Étude sur la détermination du coût de production du vin. Off. Internatl. du Vin. B. 25(255):18-19. May 1952. 390.8 B87
Italy.

80334 ECHARY, J. L. El precio de la remolacha azucarera y su costo de producción. Sind. Vertical del Azucar. B. de Inform. 5(60):8-9. Dec.1951. 65.9 Si6
Spain.

80335 EDWARDS, R. L. Costs and profits. MGA Bulletin 30:166-169. June 1952. 80 M97
Mushrooms.

80336 GOODMAN, J. G. Time of hatch in relation to egg income. (Abs.) Assoc. South. Agr. Workers. Proc. 49:152. 1952. 4 C82

80337 HARDIN, L. S. There is a best way for you to handle forage. Country Gent. 122(7):24-25,41. July 1952. 6 C833
Cost of making hay and grass silage.

80338 HARPER, R. S. Canning peaches in the Goulburn Valley. Victoria. Dept. Agr. J. 50:118-123,135. Mar.1952. 23 V66J
Costs and returns including spraying costs.

80339 HENKE, L. A., and MORITA, K. Can the costs of raising dairy calves in Hawaii be reduced by the use of milk substitutes? Hawaii. Agr. Expt. Sta. Prog. Notes 80,7 p. May 1952. 100 H313P

80340 KJELSRUD, K. Profitability in agriculture and the price agreement with the Government. (In Norwegian.) Skog-og Landarb. 5/6:67-69. May/June 1952. 283.8 Sk5
Norway.

80341 KRÜGER, L. Erzeugungskosten und arbeitslöhne im milchviehstall. Deut. Landwirt.-Gesell. Mitt. 67:388-391. May 24,1952. 18 N39

80342 KUHLMAN, G. W. Cost of establishing walnuts, 11 years. Nowest. Nut Bowl 3(10):3-4. May 1952. 94.68 N81

80343 LALONGUIÈRE. Étude des frais grevant la culture et l'exportation de la tomate de primeur marocaine et des moyens de compression de ces frais. Chambre d'Agr. de Casablanca. B. 23(252):20-21,23-25. Apr.1952. 24 C26

80344 LAMASTER, J. P. Profits from veal calves. (Abs.) Assoc. South. Agr. Workers. Proc. 49:64-65. 1952. 4 C82

80345 LAUERBACH, H. Buchführungsergebnisse 1950/51 von landwirtschaftlichen betrieben in Bayern. Landwirt. Jahrb. f. Bayern 29:227-238. May/June 1952. 18 L24

80346 MCKERGOW, P. R. W. Recording grazing. Gt. Brit. Min. Agr. Agriculture 59:117-123. June 1952. 10 G79J
Grazing production costs,

80347 MANNING, P. A. Some changes in the distribution of milk costs. Farm Econ. 6:266-270. 1951. 281.8 F223
Great Britain.

80348 MIHIÈRE. Le prix de revient du porc. Réveil Agr. 61:161-162. June 1,1952. 14 R322
France.

80349 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Cost of growing potatoes in Northern Ireland. North. Ireland. Min. Agr. Mon. Agr. Rpt. 27:40-42. June 1952. 256.13 Ag82M

80350 NYE, L. B. JR., Are your goats worth anything to you? Dairy Goat J. 30(7):5-6. July 1952. 40.18 M592
Costs and returns.

80351 PATTERSON, H. L. Progress on turnip costs and marketing. Ontario Crop Impr. Assoc. Addresses & Proc. 15:187. 1952. 64.9 On83

80352 PERSSON, C. J. The economy of beef cattle raising. (In Swedish.) Svensk Jordbrforsk. 1951:317-331. 11 J763

80353 REBOUR, H. Pour un "prix social" du blé; la détermination du prix de revient à la culture. Agriculture [Paris] 16:147-148. May 1952. 14 Ag823

80354 RETIEF, J. C. D. Economic factors in egg production. Farming So. Africa 26:156-158. May 1951. 24 So842

80355 TRAMEL, T. E., and PARVIN, D. W. Winter dairying vs. summer dairying, grade A producers south Mississippi. Miss. Agr. Expt. Sta. C. 166,14 p. Nov. 1951. 100 M69
Costs and returns.

80356 WAHLFISK, K. O. Farm accounts and the new price agreement for the year 1952/53. (In Swedish.) Kooperatören 39:180-184. Apr.30/May 15,1952. 280.28 K832
Costs and returns in Sweden.

80357 WALTON, L., DREESEN, L. J., and HILL, J. E. Broiler and turkey production income demonstrated; financial records show good income. Miss. Farm Res. [Miss. Sta.] 15(5):6-7. May 1952. 100 M69Mi

80358 WARE, L. M., and JOHNSON, W. A. More returns from pickle cucumber. (Abs.) Assoc. South. Agr. Workers. Proc. 49:116. 1952. 4 C82

80359 ZANDEN, B. H. VAN DEN. Facts and figures. (In Dutch.) Pluimveeteelt 5(12):6. June 6,1952. 47.8 P722
Costs and returns from poultry keeping in the Netherlands.

80360 ZÜRN, F. Ist grünlanddüngung wirtschaftlich? Bauer 5(5):2-3. Feb.2,1952. 19 B32
Costs and returns in Austria.

Land Settlement and Colonization

80361 MARTIN, H. W., and MCMAHAN, C. A. Land distribution by lottery in Georgia. Sowest. Social Sci. Q. 33:44-51. June 1952. 280.8 So82

80362 MOROCCO. (SPANISH ZONE). SERV. AGRONÓMICO. Concurso para la adjudicación de lotes de la Colonia Agricola de Telata de Raisana. Morocco. (Sp. Zone). Serv. Agron. Hojas de Inform. 74,8 p. July 1951. 24 M823

80363 PIHKALA, K. U. The land settlement program of Finland. Land Econ. 28:147-159. May 1952. 282.8 J82

80364 TORRES, M. J. DE M. Settlement in the District of Moçâmedes and the formation of its centers of population. (In Portuguese.) Portugal. Agência Geral do Ultramar. B. Geral do Ultramar 27(322):37-53. (Cont.) Apr.1952. 264 Ag3

80365 WEIL, S. La République Argentine et la colonisation agricole. Cahiers des Ingén. Agron. 7(2): 19-23. 1952. 14 C112

Land Tenure

80366 ARBENZ. La reforma agraria en Guatemala. Asoc. Gen. de Agr. B. 320:3. June 15,1952. 8 As52

80367 BOLLA, G. Le projet de loi pour la défense et la revalorisation de la montagne; la conservation et la protection des patrimoines hereditaires des familles de paysans. (In Italian.) Italia Forest. e Mont. 7:57-61. Mar./Apr.1952. 99.8 It12
French summary.

80368 BOURUET-AUBERTOT, J. La réforme du régime foncier dans les territoires de l'Afrique noire. Marchés Colon. du Monde 8:1691-1693. June 21,1952. 286.8 M33

80369 BOUWMAN, L. H. Ruilverkaveling [Consolidation of land holdings]. Boeren- en Tuindersbiblioth. Ser. B 5,58 p. 1951. 12 B638
Netherlands.

80370 BOZZINI, F. Article 10. (In Italian.) Mondo Agr. 3(21):1-2. May 25,1952. 18 M74
Exempting especially well organized farms from expropriation in Italy.

80371 BUCKLE, D. Land hunger in Kenya. Trade Unions Internatl. Agr. & Forestry Workers. Inform. B. 3(4):6-11. Apr.1952. 283.9 T67

80372 CASTLE, E. Some aspects of the crop-share lease. Land Econ. 28:177-179. May 1952. 282.8 J82

80373 CHASE, P. T. Land. Valuer 12:50-55. Apr.1,1952. 282.8 V24
Tenure and values.

80374 CHEN CHENG. An approach to China's land reform. Taipei,Taiwan,China,Cheng Chung Book Co., 1951. 106 p. 282.184 C422

80375 DEMARS, L., and LE ROUX, L. L'exploitation paysanne héréditaire; son histoire, son statut actuel, son avenir. Paris, Dalloz,1951. 202 p. 282.174 D39

80376 FARM LAND REFORM RECORDING COMMITTEE, JAPAN. Nochi kaikaku temmatsu gaiyo [Details about the farm-land reform]. Tokyo,Nosei Chosakai, 1951. 1361 p. 282.183 F22

80377 FLEURY, R. Droit de pêche fluviale. Rev. de Lég. Agr. 5:75-77. Apr./May 1952. 281.8 R325

80378 FREI, J. Das telegraphenwegegesetz. Bauer 5(21):14-15. May 31,1952. 19 B32
In relation to Austria landowners.

80379 FRIED, M. H. Land tenure, geography and ecology in the contact of cultures. Amer. J. Econ. & Sociol. 11:391-412. July 1952. 280.8 Am393

80380 GRIGOROFF. La réforme agraire en Bulgarie; de la petite exploitation à la coopérative de production. France. Min. de l'Agr. Rev. Etudes & Monog. 71:135-140. June 1952. 281.8 F84

80381 GUI, L. The first six model farms; on the basis of article 10 of the "expropriation" law, farms that have unusual characteristics may be exempted from expropriation. (In Italian.) Agricoltura 1(5):5-8. May 1952. 16 Ag8226
English summary.

80382 HEADY, E. O., and KEHRBERG, E. W. Relationship of crop-share and cash leasing systems to farming efficiency. Iowa. Agr. Expt. Sta. Res. B. 386: 633-683. May 1952. 100 Io9

80383 HEES, R. VAN. Enige opmerkingen betreffende de vorming von pachtprijzen, in het bijzonder in Nederland [Remarks on the formation of rents, especially in the Netherlands]. Groningen,Wolters,1951. 26 p. 282.172 H36

80384 HENRICI. Der geltungsbereich des neuen landpachtgesetzes. Hannoversche Land- u. Forstwirt. Ztg. 105:543-544. May 31,1952. 18 H194

80385 ILLNER, F. Die flurbereinigung in Bayern 1951. Bayern in Zahlen 6:172-173. May 1952. 265 B34

80386 LANDLORD vs tenant. Country Gent. 122(7): 19,42-43,46. July 1952. 6 C833

80387 MARTIN, D. L. M. Land trespass. No. Canterbury Fed. Farmers' Ybk. 1951:115,117. 23 N81

80388 MONTAGNE, R. Le droit de reprise. Prog. Agr. et Vitic. 137:368-369. (Concl.) June 29,1952. 14 P94
France.

80389 OVINGE, A. Mobile lease. (In Dutch.) Pacht 12:131-136. May 1952. 282.8 P11
Netherlands.

80390 PARK, R. L. India argues with Kashmir. Far East. Survey 21:113-116. July 2,1952. 280.9 In782
Includes land reform in Kashmir.

80391 PELKA. Um die zulässigkeit von realteilungen. Württemb. Wchnbl. f. Landwirt. 119:558-559. June 21,1952. 18 W96
Farm inheritance.

80392 PEUX, B. La réforme du régime foncier. Marchés Colon. du Monde 8:1269. May 17,1952. 286.8 M33
Cameroun.

80393 POSTMA, O. Was the old communal land at Terschelling previously church property? (In Dutch.) Landbk. Tijdschr. 64:323-324. May 1952. 105.2 Or3

80394 PRAX, A. Quelle est la situation du fermier ou du métayer titulaire d'un bail verbal en cas de vente d'un bien loué. Prog. Agr. et Vitic. 137:363-364. June 29 1952. 14 P94
France.

80395 REINHARDT, W. Aktuelle wildschadensfragen. Landwirt. Z. der Nord-Rheinprov. 119:565. May 31,1952. 18 L2344
Hunting rights and electric fences.

80396 ROCKFORD MAP PUBLISHERS, ROCKFORD, ILL. Farm plat book and business guide, McLean County, Illinois. Rockford,1951. 75 p. 226.23 R59Ma
Library has also issues for Carroll, Du Page, Jasper, and Fulton counties, Illinois.

80397 ROSSI-DORIA, M. La riforma agraria; conferenza tenuta a "La Consulta" l'8 giugno 1951 [The agrarian reform; address delivered at "La Consulta," June 8, 1951]. n.p.,1951. 24 p. 282.176 R732R

80398 SMITH, T. L. Some observations on land tenure in Colombia. Foreign Agr. 16:119-123. June 1952. 1.9 Ec7For

80399 UNION OF SOUTH AFRICA. OFF. OF CENSUS AND STATISTICS. Farm organization. Union So. Africa. Buro v. Sensus en Statis. Landbsensus. Spesiale Verslagreeks 5,15 p. Apr.1952. 270 So87L
Land tenure statistics.

80400 U. S. CONGRESS. HOUSE. INTERIOR AND INSULAR AFFAIRS COMMITTEE. Lands on Fort Reno Military Reservation, Okla. Hearings, 82d Cong., 2d sess. on H. R. 1631, March 4, 5, and April 5, 1952. Washington,1952. 48 p.

80401 VAEREN, J. VAN DER. La nouvelle loi sur le bail à ferme votée en Belgique le 7 juillet 1951. Acad. d'Agr. de France. Compt. Rend. 39:269-274. Apr.2/23, 1952. 14 P215Bc

80402 VIDAL, G. Le régime foncier outre-mer; propos sur un projet de loi. Nouvelle Rev. Franç. d'Outre-Mer (n.s.)44:111-113. May 1952. 280.8 B873

80403 VILLALOBOS-DOMINGUEZ, C. On the concept of common property in land. Amer. J. Econ. & Sociol. 11:439-440. July 1952. 280.8 Am393

80404 ZOPPI, C. B. The expropriation law ignores the livestock problem. (In Italian.) Agr. Romano 3(15): 1-2. Aug.16/31,1951. 16 Ag8225

Land Utilization

80405 BERNAL CERICE, R. A convenient method of mapping cane plantations and mnemonic code. Asoc. de Téc. Azucareros de Cuba. Proc. 24:195-202. 1950. 65.9 As5

80406 COUNCIL FOR THE PRESERVATION OF RURAL ENGLAND. Annual report 1951-52. London, 1952. 51 p. 280.7 C83
Includes town and country planning.

80407 HIGBEE, E. C. The three earths of New England. Geog. Rev. 42:425-438. July 1952. 500 Am35G
Land use by the Indian, the colonist, and modern man.

80408 LATTA, M. C. Some aspects of the adjustment of Iowa agriculture to the soil. Land Econ. 28:172-177. May 1952. 282.8 J82

80409 PARISH, R. Recent trends in land use on south-western wheat farms. Rev. Mktg. & Agr. Econ. 20:7-52. Mar.1952. 286.8 N47M
Australia.

80410 PEYER, E. Das rebbaukataster. Schweiz. Z. f. Obst- u. Weinbau 61:253-255. June 28,1952. 80 Sch9

80411 REGIONAL MEETING ON LAND UTILIZATION IN TROPICAL AREAS OF ASIA AND THE FAR EAST, NUWARA ELIYA, CEYLON, 1951. Minutes of the sessions. Rome,Food and Agr. Organ. of the United Nations, 1952. 121 p. 282.9 R262

80412 SAUSE, G. G., JR. Henry George and Great Britain's postwar land policy. Amer. J. Econ. & Sociol. 11:379-389. July 1952. 280.8 Am393
Town and Country Planning Act.

80413 SOUTH DAKOTA COORDINATING COMMITTEE FOR MISSOURI BASIN DEVELOPMENT. Land for reservoirs—some local reactions. S. Dak. Farm & Home Res. [S. Dak. Sta.] 3:72-75. Spring 1952. 100 So82S

80414 TORII, M. Tochi kairyo no tebiki [A guide to land improvement]. Tokyo,Taibunkan,1951. 231 p. 282.183 T63

80415 TWEEDIE, A. D. Land utilisation in metropolitan Dunedin. New Zeal. Geog. 8:30-47. Apr.1952. 331.8 N48
Includes discussion of the outlying agricultural area.

80416 WOOTEN, H. H. How our land is used. Farm Impl. News 73(11):120. June 10,1952. 58.8 F22

Land Values and Valuation

80417 BRAY, F. R. Valuation of fixed durable assets in farming; a note on methods of procedure in the valuing of orchard trees. Farm Econ. 6:280-284. 1951. 281.8 F223

80418 GUSLER, G. Farm land prices. Mont. Farmer-Stockman 39:7,11. June 1,1952. 6 M764

80419 GUSLER, G. What about farm land prices? Mich. Farmer 217:557,578. June 21,1952. 6 M58

80420 KNICKMANN, H. Die auswertung der bodenschätzungsergebnisse für raumforschung und landeskunde, dargestellt an einem beispiel: die landwirtschaft im Bezirk Friedberg. Landshut,Verlag des Amtes für Landeskunde,1951. 30 p. (Forschungen zur Deutschen Landeskunde 54) 33.27 K74

POPULATION

80421 BRAZIL, INSTITUTO BRASILEIRO DE GEOGRAFIA E ESTATÍSTICA. VI recenseamento geral do Brasil: censo demográfico (1.º de julho de 1950), Distrito Federal, seleção dos principais dados [VI general census of Brazil: population census (July 1, 1950), Federal District, selection of principal data]. Rio de Janeiro, Serviço Nacional de Recenseamento,1951. 13 p. 255.3 In72Se

80422 HANDLIN, O. The uprooted; the epic story of the great migrations that made the American people. Boston,Little,Brown,1951. 310 p. 280.12 H194

80423 HIRSCH, G. P. Migration from the land in England and Wales. Farm Econ. 6:270-280. Ref. 1951. 281.8 F223

80424 JOHANSEN, J. P. Recent population changes in South Dakota. S. Dak. Farm & Home Res. [S. Dak. Sta.] 3:49-54,76. Spring 1952. 100 So82S

80425 LANDIS, P. H. The people of Washington, 1890-1950; a study of rural trends, age and sex composition, vital traits, and migration. Wash. Agr. Expt. Sta. B. 535,35 p. June 1952. 100 W27E

80426 SHELDON, H. D. Changes in the rural population, 1940 to 1950. Rur. Sociol. 17:118-126. June 1952. 281.28 R88

RURAL SOCIAL ORGANIZATION

80427 BECKERICH, A. La vie rurale en montagne. Rustica 25:571-572. June 15,1952. 14 R92
France.

80428 CANDIDA, F. Social problems of the South. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(53): 7-9. June 25,1952. 281.8 Ag3

80429 DRINKER, G. Evidences of the effectiveness of the work of home economists in improving family living in Southern States. (Abs.) Assoc. South. Agr. Workers. Proc. 49:97-98. 1952. 4 C82

80430 EATON, J. W. Controlled acculturation: a survival technique of the Hutterites. Amer. Sociol. Rev. 17:331-340. June 1952. 280.8 Am37

80431 QUINLAN, P. T. The rural homestead. Des Moines,National Catholic Rural Life Conference,195-? 4 p. 282.12 Q4R

80432 SMITH, T. L. Obstacle and opportunity for the social scientist in Latin America. (Abs.) Assoc. South. Agr. Workers. Proc. 49:18-19. 1952. 4 C82

80433 THOMAS, K. Purse Barley; the story of a farm-house. London,Westaway,1951. 157 p. 281.2 T363

80434 WATSON, E. S. Observations on a rural family living study in York County, South Carolina. (Abs.) Assoc. South. Agr. Workers. Proc. 49:96-97. 1952. 4 C82

Human Ecology

80435 BRUNNER, E. DE S. The small village: 1940-1950. Rur. Sociol. 17:127-131. June 1952. 281.28 R88

80436 HELBIG, K. Dörfer unter dem Äquator; ein querschnitt durch die ländlichen siedlungen Indonesiens. Übersicht 3(5):43-51. May 1952. 18 Ub3

80437 LOVELACE, I. Community appraoch to better living. (Abs.) Assoc. South. Agr. Workers. Proc. 49:92. 1952. 4 C82

80438 MARCHANT, W. The Bruderhof communities. II. Coop. Living 3(3):4-6. Spring 1952. 280.28 C7871

80439 MILLER, P. A. The process of decision-making within the context of community organization. Rur. Sociol. 17:153-161. June 1952. 281.28 R88

80440 NIEDERFRANK, E. J. Finding and working with neighbor groups. II. Ext. Serv. Rev. 23:80,86. May 1952. 1 Ex892Ex

80441 RASHEVSKY, N. The effect of environmental factors on the rates of cultural developments. B. Math. Biophys. 14:193-201. June 1952. 442.8 B872
Includes rural areas.

80442 SHARP, P. F. The Northern Great Plains: a study in Canadian-American regionalism. Miss. Val. Hist. Rev. 39:61-76. June 1952. 134.8 M69

80443 TEKUMALLA, V. Economic development of the rural community. Madras J. Co-op. 43:503-508. Apr.1952. 280.28 M26

Institutions

80444 ADAMS, J. F. The vo-ag newsletter. Agr. Educ. Mag. 25:16. July 1952. 275.8 Ag8

80445 ALLEN-PRICE, E. D. The incidence of infantile paralysis in West Devon during the past fifteen years. Roy. Sanit. Inst. J. 72:443-452. July 1952. 449.9 R812
Includes discussion.

80446 AMERICAN MEDICAL ASSOCIATION. COUNCIL ON RURAL HEALTH. Seventh national conference on rural health, February 29,and March 1, 1952. Denver, Colorado. Chicago,1952. 53 p. 449.9 N214

80447 ARNOLD, B. Oklahoma county agents benefit from tape recorded radio farm programs. Better Farming Methods 24(7):20,22. July 1952. 58.8 B46

80448 BAXTER, J. B. Rural education in Roxburghshire. Scot. Agr. 32:28-32. Summer 1952. 10 Sco82So

80449 BERTEN, M. Zur jugendarbeit. Landwirt. Z. der Nord-Rheinprov. 119:510. May 17,1952. 18 L2344
Programs.

80450 BIBLE, B. L. Chapter publications serve their purpose. Agr. Educ. Mag. 25:17. July 1952. 275.8 Ag8

80451 BORNMAN, L., and WHITEMAN, D. C. The job of the county agent. Ext. Serv. Rev. 23:83. May 1952. 1 Ex892Ex

80452 BOYDEN, K. E. Get action into your field day! Co. Agent & Vo-Ag Teacher 8(6):11-13. June 1952. 275.28 N213
Organizational work of a county agent.

80453 BRITTAIN, W. H. Macdonald [College] after forty-five years. Macdonald Col. J. 12(8):15-18. Apr. 1952. 101 M144

80454 BROICH. Landjugend in existenznot. Landwirt. Z. der Nord-Rheinprov. 119:597. June 7,1952. 18 L2344
Education.

80455 BULMER-THOMAS, I. Our village churches: II. A £4,000,000 plan to save them from decay and to set up a system of organised maintenance. Field 199:989-990. June 21,1952. 10 F45

80456 BURCH, J. W. The job of the livestock specialist. Washington,U. S. Ext. Serv.,1951. 5 p. 1.913 A2B89
Talk before the Extension Section of the American Society of Animal Production, Chicago, Nov. 23, 1951.

80457 CARDOSO, R. School agricultural museum. II. (In Portuguese.) Brincar e Aprender 8(33):5-6. Jan./Dec 1951. 275.249 B77

80458 CARTER, D. Looking backward from my city editor's desk toward my former farm editor's job. (Abs.) Assoc. South. Agr. Workers. Proc. 49:20-21. 1952. 4 C82

80459 CHAPIN, B. Rural England celebrates Festival of Britain. Ext. Serv. Rev. 23:98,109. June 1952. 1 Ex892Ex

80460 CLIFFORD, R. J. Use of veterans' class activities to improve public relations. Agr. Educ. Mag. 25:21. July 1952. 275.8 Ag8

80461 CLINE, J. W. Help yourself to health. Natl. Conf. Rur. Health Annu. Mtg. 7:9-12. 1952. 449.9 N214
Program.

80462 COLLINGS, M. L. Our world opportunity through home economics. (Abs.) Assoc. South. Agr. Workers. Proc. 49:98-99. 1952. 4 C82
Study by foreign students of the land-grant college system and extension work.

80463 COLOMBIA. MINISTERIO DE AGRICULTURA. DIV. DE EXTENSIÓN. Guia para los ingenieros agrónomos y médicos veterinarios del Servicio de Extensión, by G. Ortiz R. Bogotá,1952. 32 p. 275.24 C71

80464 COLORADO STATE FAIR. Premium list and rules governing awards of the 1952 fair, September 8, 9, 10, 11 and 12, Pueblo, Colorado. Pueblo,1952. 132 p. 4.5 C71P

80465 CROCKETT, F. S. National rural health program. Natl. Conf. Rur. Health Annu. Mtg. 7:7-9. 1952. 449.9 N214

80466 DACOMBE, U. South Devon farmers help a school farming course. Farmers Wk. [London] 36(26):80-81,83. June 27,1952. 10 F2226

80467 DELVAUX, G. La vulgarisation agricole et quelques problèmes annexes. Rev. de l'Agr. 5:564-579. June 1952. 13 R322
English summary.

80468 DONAHOO, A. W. Some experience of a Minnesotan in the Point 4 program in Latin America. Visitor 38(3):3-4. Apr.1952. 275.8 V822
Agricultural education.

80469 DUCK, J. W., ed. Teaching aids in vocational agriculture. Mo. Agr. Col. Ext. B. 52(20),75 p. July 10, 1951. 275.1 D852

80470 DUNNINGTON-JEFFERSON, SIR J. Great Yorkshire Show, Harrogate, 1951. Yorkshire Agr. Soc. J. 103:61-63. 1952. 10 Y7

80471 FAMILY LIVING OF FEDERAL EXTENSION STAFF CONFERENCE. WORKSHOP COMMITTEE. Health, by E. J. Niederfrank, ed. Washington,U. S. Ext. Serv.,1952. 2 p. 1.913 R2H34

80472 FIELDING, W. L. The College of Agriculture: Gwebi, Southern Rhodesia. Brit. Agr. B. 5:75-79. July 1952. 10 B776

80473 FILENI, E. Scholastic reform and agrarian reform. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.) 98:182-183. May 1952. 16 C72

80474 FLORIDA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 1951 report Florida Agricultural Extension Service. Gainesville,1951? 77 p. 275.29 F66A

80475 FULGHUM, R. M. These things I like. (Abs.) Assoc. South. Agr. Workers. Proc. 49:20. 1952. 4 C82
Agricultural journalism.

80476 GAMBLE, J. R. Promote with pictures. Agr. Educ. Mag. 25:18. July 1952. 275.8 Ag8

80477 GMELIN. Zusammenarbeit mit der wirtschaftsberatung. Raiffeisen-Rundschau 4:29. Feb.1952. 284.24 R132
Cooperatives in Germany.

80478 HAMILTON, L. H. What becomes of the diploma boys? Macdonald Col. J. 12(8):12-14. Apr.1952. 101 M144

80479 HAUGEN, O. Lack of students at the agricultural schools. Some impressions from U.S.A., where the agricultural schools seek contact with youth and make propaganda for agricultural education. (In Norwegian.) Norsk Landbr. 18:201-203. June 6,1952. 11 N8122

80480 HAUSCHILD, I. Jugend und aufklärung. Bauer 5(7):2-3. Feb.16,1952. 19 B32
Austria.

80481 HAUSCHILD, I. Zwei jahre trachtenförderung. Bauer 5(9):7. Mar.1,1952. 19 B32
Austria.

80482 HAY, D. G., and LARSON, O. F. Medical and health care resources available in Livingston County, New York, 1950. N. Y. (Cornell) Agr. Expt. Sta. Dept. Rur. Sociol. Mimeog. B. 30,43 p. Feb.1952. 100 N48Cm

80483 HEATH, W. E. Agricultural economics and farm management advisory work. Agr. Econ. Soc. J. Proc. 10:60-68. June 1952. 281.9 Ag8
Great Britain.

80484 HILLEBRANDT. Landwirtschaftsschau Paderborn. Landwirt. Wchnbl. f. Westfalen u. Lippe 109 A:903-904. June 12,1952. 18 L2346

80485 HJUL, P. Three hundred years of agriculture; brilliant display planned for Van Riebeeck Festival. Farmer's Wk. [Bloemfontein] 82:45,47. Nov.21,1951. 24 F225
South Africa.

80486 HUMPHREYS, G. American democracy at work. W. Va. Agr. Col. Ext. Good Living Ser. 19(10),6 p. 1952? 275.29 W522G

80487 HUNTZINGER, H. O. Prepare for the radio program. Agr. Educ. Mag. 25:14. July 1952. 275.8 Ag8

80488 HUTSON, D. B. Preparing for effective radio presentation. Agr. Educ. Mag. 25:12-13. July 1952. 275.8 Ag8
Public relations.

80489 INNES, G. D. Canterbury Youth Farm Advisory Council farm training scheme. No. Canterbury Fed. Farmers' Ybk. 1951:119-120. 23 N81

80490 JOHANSEN, R. GI farmers go to school. Co-op Grain Q. 10(2):43-45. Summer 1952. 280.28 C7898

80491 JOHNSON, C. E. Selling agricultural education with TV. Agr. Educ. Mag. 25:5-6,22. July 1952. 275.8 Ag8

80492 JOHNSON, D. L. Maternal and infant mortality in a rural hospital. Minn. Med. 35:550-554. June 1952. 448.8 M66

80493 JONG, W. H. DE. General agricultural periodicals in Great Britain and the British Commonwealth and conclusions drawn from that. (In Dutch.) Landbk. Tijdschr. 64:322-323. May 1952. 105.2 Or3

80494 KAISCH, K. How to get and hold a doctor. Natl. Conf. Rur. Health Annu. Mtg. 7:12-15. 1952. 449.9 N214

80495 KLINE, A. B. We're all in this together. Natl. Conf. Rur. Health Annu. Mtg. 7:51-53. 1952. 449.9 N214

80496 LESPIER, R. E. Apropiados para sus niños. P. R. Agr. Col. Ext. C. 23,8 p. Dec.1951. 275.29 P96Ci
Recreation.

80497 LUPERTI, A. R. Entrust the function of farming to competent qualified persons. (In Italian.) Amico dell'Agr. (n.s.)6(4):2. Apr.1952. 16 Am5
Education in Italy.

80498 LUX, E. A better job on the job. Ext. Serv. Rev. 23:78. May 1952. 1 Ex892Ex
Training program of the Nebraska Extension Service.

80499 MAIER-BODE, F. W. Landjugendberatung. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:981. June 26,1952. 18 L2346

80500 MALONE, P. E. Government in the economy of southwestern Kansas. Econ. Devlpmt. Sowest. Kans. 9,80 p. Nov.1951. 280.029 K134
Contains a section on agricultural developments.

80501 MARTENS, A. En parcourant la première Foire Agricole Internationale d'Utrecht. III. Sillon Belge 22(510):20. May 24,1952. 13 Si3

80502 MENDOZA, R. Y., and BELEN, H. F. Administrative and supervisory trends in vocational education in the Philippines. Agr. & Indus. Life 14(5):4,47. May 1952. 25 Ag8

80503 MIDCENTURY WHITE HOUSE CONFERENCE ON CHILDREN AND YOUTH, WASHINGTON, D. C., 1950. MASSACHUSETTS COMMITTEE. Final report. Boston, 1951. 1 v. (various pagings). 320.9 M58Ma
Includes rural youth.

80504 MISSISSIPPI. STATE COLLEGE. EXTENSION SERV. 1951 annual report, Mississippi; your agricultural extension service. Miss. State Col. Ext. P. 215,27 p. June 1952. 275.29 M68A

80505 MOORE, R. E. Opportunities for the land grant college and its personnel in foreign aid programs. (Abs.) Assoc. South. Agr. Workers. Proc. 49:18. 1952. 4 C82

80506 MORROW, A. I. Publications of land-grant institutions. New York,1951. 59 p. 241 M832
Thesis - Columbia University.

80507 MOSHER, A. T. Learning to think about farming. Allahabad Farmer 26:27-38. Mar.1952. 22 AL5

80508 MURAYAMA, S. J. Japanese farmers. (In Portuguese.) Chacaras e Quintais 85:761-762. June 15, 1952. 9.2 C34
In Brazil.

80509 NORGES LANDBRUKSHØGSKOLE. Årsberetning fra Norges Landbrukshøgskole for budsjettåret 1. juli 1948-30. juni 1949 [Annual report of the Agricultural College of Norway for the fiscal year July 1, 1948-June 30,1949]. Oslo,1952. 132 p. 104 N83

80510 PACYNA, G. Im dienste der lebensmeisterung; zum zweiten landpädagogischen kongress in Jugenheim. Ubersicht 3(5):34-36. May 1952. 18 Ub3

80511 PAQUETTE, L. This [county] agent knows his public relations. Ext. Serv. Rev. 23:95,108. June 1952. 1 Ex892Ex

80512 PATIL, L. H. Notes from museology. Poona Agr. Col. Mag. 42:260-264. Feb.1952. 22 P79

80513 PIERSON, S. B. Photography for vocational agriculture teachers. Agr. Educ. Mag. 25:8-9. July 1952. 275.8 Ag8

80514 RAINERI, C. The development of radio programs for the farmers of the United States. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(50):7-8. June 18, 1952. 281.8 Ag3

80515 READ, H. Share your ideas with others. Agr. Educ. Mag. 25:11. July 1952. 275.8 Ag8
Public relations in vocational agriculture.

80516 ROGERS, C. E. The ag. editor's job in other lands. Ace 34(9):1,7. May 1952. 238 Am33A
Dissemination of information by the county agent in Malaya.

80517 ROKAHR, M. Preparedness pressures on the American family. (Abs.) Assoc. South. Agr. Workers. Proc. 49:94-95. 1952. 4 C82
Includes the farm family.

80518 ROSS, C. D. Advisory work in Devon and Cornwall. Gt. Brit. Min. Agr. Agriculture 59:151-154. July 1952. 10 G79J

80519 ROSSON, R. Newspaper ads support extension. Ext. Serv. Rev. 23:91. June 1952. 1 Ex892Ex

80520 RUMMELL, L. L. Public relations in vocational agriculture. (Digest.) Agr. Educ. Mag. 25:4,13. July 1952. 275.8 Ag8

80521 SCANTLAND, L., SVINTH, C. A., and TAVES, M. J. A square look at Spokane County. Wash. State Col. Ext. B. 463,68 p. June 1952. 275.29 W27P
Extension work in Spokane County.

80522 SCHENECTADY, N. Y. RADIO STATION WGY. Silver anniversary of farm broadcasting over WGY, 1951. Schenectady,1952. 16 p. 335 Sch2

80523 SCOTLAND. EDUCATION DEPT. Rural subjects on secondary schools. Edinburgh,H. M. Stationery Off.,1952. 15 p. 275.1 Sco84

80524 SHARPE, M. H. Pennsylvania points to public relations. Agr. Educ. Mag. 25:15. July 1952. 275.8 Ag8

80525 SILVEIRA, A. H. DA. A campaign on behalf of small agricultural industries by the Ministry of Agriculture. (In Portuguese.) Chacaras e Quintais 85:599-601. May 15,1952. 9.2 C34
Brazil.

80526 SMITH, MRS. H. You can take it with you. Natl. Conf. Rur. Health Annu. Mtg. 7:45-50. 1952. 449.9 N214
Health programs.

80527 SMITH, W. M., JR. Take a walk around yourself. Ext. Serv. Rev. 23:97,108-109. June 1952. 1 Ex892Ex
Relationship of the county agent with the people.

80528 SMYTH, C. J., and others. We have helped ourselves to health—and how. Natl. Conf. Rur. Health Annu. Mtg. 7:16-32. 1952. 449.9 N214
H. P. Thode, Jr., H. English, E. J. Fisher, Jr., J. R. Rodger, F. C. Hubbard, C. G. Starr, and D. E. Pratt, joint authors.

80529 SOMMERFELD, E., and MILLER, W. R. How to help the young folks; the New England Pilot Projects gets under way. Ext. Serv. Rev. 23:94,107. June 1952. 1 Ex892Ex
Program to meet the needs of the 18- to 30-year-old group.

80530 STEARNS, R. The educator's place in rural health. Natl. Conf. Rur. Health Annu. Mtg. 7:32-34. 1952. 449.9 N214

80531 STEINER, R. Four score and ten years ago; in July, 1862, Abraham Lincoln signed the bill giving research and education to American agriculture. Hoard's Dairyman 97:583. July 10,1952. 44.8 H65
The Land Grant Act.

80532 STENKHOFF. Nochmals: kein bauer ohne ordnungsgemässe lehre. Landwirt. Z. der Nord-Rhein-prov. 119:589-591. June 7,1952. 18 L2344

80533 STEPHENS, W., and JARRETT, G. Looking back on the Royal Show. Field 200:54-55. July 12,1952. 10 F45

80534 STRIBLING, S. C. Plans for 1952 AAACE [American Association of Agricultural College Editors] meeting shaping up nicely. (Abs.) Assoc. South. Agr. Workers. Proc. 49:21. 1952. 4 C82

80535 THADEN, J. F. Compatibility of educational and sociological criteria in the formation of community school districts. Rur. Sociol. 17:172-175. June 1952. 281.28 R88

80536 TINCKER, M. A. H. The North of Scotland College of Agriculture. Chem. & Indus. 26:573-574. June 28,1952. 382 M31C

80537 TORREIRO, R. La fiesta de la vendimia. Pampa Argentina 25(291):20-21. Mar.1952. 9 P19

80538 TYARKS, F. E. How to make a living in the country; your personal plan for independence. Ed. 2, rev. Greenlawn,N. Y.,Harian,1952. 79 p. 281.2 T95

80539 U. S. EXTENSION SERV. Summary, county agricultural agent work, Iowa, 1950. Washington,1951. 2 p. 1.913 S2Su625

80540 VOGL, F. Unsere tanzfeste. Bauer 5(6):10-11. Feb.9,1952. 19 B32
Austria.

80541 WAHLQUIST, MRS. H., and others. These things we can do. Natl. Conf. Rur. Health Annu. Mtg. 7:34-45. 1952. 449.9 N214
B. H. Dimit, F. Deering, Mrs. J. L. Taylor, M. Soults, joint authors.

80542 WARREN, A. Demonstration work big business in State, Nation. Fla. Poultry & Dairy J. 18(2):3,19. Feb. 1952. 47.8 F66

80543 WHITMAN, L. B., and MATHER, W. G. The rural churches of four Pennsylvania counties. Pa. Agr. Expt. Sta. Prog. Rpt. 76,unpaged. June 1952. 100 P381P

80544 YODER, A. C. General practitioner of the year. Natl. Conf. Rur. Health Annu. Mtg. 7:50-51. 1952. 449.9 N214

Rural Organizations and Movements

80545 ABRAHAMSEN, M. A. Farm supply problems in the South. (and the contributions of purchasing cooperatives to their solution). (Abs.) Assoc. South. Agr. Workers. Proc. 49:124-125. 1952. 4 C82

80546 ASSOCIATED COOPERATIVES. Annual report 1951. Oakland,1951. 7 p. 280.29 As72

80547 ASSOCIATION OF SOUTHERN AGRICULTURAL WORKERS. Proceedings, 49th annual convention held in Atlanta, Georgia, February 4, 5, 6, 1952. Raleigh, 1952. 188 p. 4 C82

80548 BARTLETT, H. F. Developing an F.F.A. public relations program. Agr. Educ. Mag. 25:20,23. July 1952. 275.8 Ag8

80549 BIELINSKI, W. V. Personnel administration in regional farmer cooperative associations. Washington, Amer. Inst. of Coop.,1951. 59 p. 249.3 B47
Thesis - Michigan State College of Agriculture and Applied Science.

80550 BODWELL, J. H. Training tomorrow's farmers today. New Eng. Homestead 125(11):6,8. June 14, 1952. 6 N442
Future Farmers of America.

80551 CASPERS. Reformpläne. Raiffeisen-Rundschau 4:3-4. Jan.1952. 284.28 R132
Agricultural cooperatives in Germany.

80552 CAVE, J. M. Notes on co-operation. Barbados Dept. Sci. & Agr. B. (n.s.)17,14 p. Nov.1951. 8 B23B

80553 DURTSCHI, E. Der VOLG [Verband Ostschweizerischer Landwirtschaftlicher Genossenschaften] im jahre 1951 und ausblick auf die zukunft. Verband Schweiz. Konsumver. Genossensch. Jahrb. 8:15-18. 1952. 280.29 V583

80554 EDWARDS, G. T., ed. This is the Farmers Union. Denver,Natl. Farmers Union,1951. 160 p. 280.29 F222T

80555 FARMERS EDUCATIONAL AND CO-OPERATIVE UNION OF AMERICA. Farmers Union program for 1952-1953. Denver,1952. 36 p. 280.29 F22N

80556 FIER, E. H. Improving relationships with parents; a key to improving the FFA chapter. Agr. Educ. Mag. 25:19. July 1952. 275.8 Ag8

80557 FLINT, D. P. Time for camping draws near. Ext. Serv. Rev. 23:82,86. May 1952. 1 Ex892Ex
4-H Club camps.

80558 FUTURE FARMERS OF AMERICA. WYOMING ASSOCIATION. Minutes of the twenty-fifth annual meeting, April 4 and 5, 1952. Casper,1952. 23 p. 14 F982

80559 GILLESPIE, R. T. Philosophy of Farm Bureau. Wash. State Farm Bur. News 26(5,i.e.6):1,7-8. June 1952. 275.293 W27

80560 HALL, D. M. Adding spice to meeting business. News Farmer Coop. 19(4):6,14. July 1952. 166.2 N47
Annual meetings of cooperative organizations.

80561 HECKMAN, J. H. Hybrids can mature into real co-ops. News Farmer Coop. 19(4):5,12. July 1952. 166.2 N47

80562 INDIANA FARM BUR. COOPERATIVE ASSOCIATION. Annual report 1951. Indianapolis,1951. 16 p. 280.29 In293

80563 JACOBS, A. W. Sooner [State] co-ops and 4-H Clubs work hand-in-hand. News Farmer Coop. 19(4): 7,12. July 1952. 166.2 N47

80564 KILLIAN, B. In Oklahoma you will find that FFA is in the news. Better Farming Methods 24(7):30. July 1952. 58.8 B46

80565 KNAPP, J. G. Cooperative management comes of age. News Farmer Coop. 19(4):4,10-11. July 1952. 166.2 N47

80566 KOLLMANN, H. Kagawa Japans landwirtschaftlicher genossenschaftsführer. Raiffeisen-Rundschau 4:53-54. Mar.1952. 284.28 R132

80567 LOWRIE, A. W. Milestones in building cooperative way. News Farmer Coop. 19(4):11-12. July 1952. 166.2 N47

80568 MISSOURI. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 4-H projects and activities for Missouri. Mo. Agr. Col. Ext. Manual 50,19 p. Jan.1952. 275.29 M69Ma

80569 MISSOURI. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Seventh annual 4-H Club Week, June 5-8, 1952. Columbia, 1952. 8 p. 275.29 M69Mis

80570 MO, T. Nomin undo to noson chosa [Farmers' movement and the research of their villages in China]. Tokyo,Chugoku Shiryosha,1951. 151 p. 34.1 M71

80571 MOURA, V. Half century of cooperation. (In Portuguese.) Divulg. Coop. 31:5-9. May 1952. 280.28 R47
Rural.

80572 NORTH CANTERBURY FEDERATED FARMERS. Year book 1951. Christchurch,1951. 208 p. 23 N81

80573 NORTH CAROLINA. UNIVERSITY. STATE COLLEGE OF AGRICULTURE AND ENGINEERING. EXTENSION SERV. 4-H'ers thru the looking glass. N. C. Agr. Col. Ext. Club Ser. 73,7 p. Jan.1952. 275.29 N811C

80574 OLIVENCIA, P. Ceremonia de iniciación 4-H. P. R. Agr. Col. Ext. C. 4-H 69,rev.,8 p. Apr.1952. 275.29 P96Cu

80575 OLIVENCIA, P. Cómo organizar un club 4-H. P. R. Agr. Col. Ext. C. 4-H 57,rev.,4 p. Apr.1952. 275.29 P96Cu

80576 O'MEARA, J. E., and INGERSOLL, H K. Co-operatives in Newfoundland, 1950. I. Econ. Annal. 22:63-65. June 1952. 281.8 Ec72

80577 OVERAAE, H. The younger generation and cooperation. (In Norwegian.) Samvirke [Oslo] 47:263-265. June 1,1952. 280.28 Sa4

80578 PENTICTON CO-OPERATIVE GROWERS. th annual report and balance sheet. Penticton,1952. p. 280.2939 P37

80579 PRAKASA. The role of co-ops. in the present conomic set up. Madras J. Co-op. 43:509-511. Apr. 952. 280.28 M26

80580 ROY, J. B. Triple anniversaire pour les gronomes. Terre de Chez Nous 24(16):9,18. June 11, 952. 7 T27
Includes organization in Canada.

80581 RUSSELL, R. B., and others. Where presidenal candidates stand on farm cooperatives. Coop. Digest 2(12a):8-9,18. June 15,1952. 280.28 C7896
W. A. Harriman, R. S. Kerr, E. Kefauver, and R. A. aft, joint authors.

80582 SANFILIPPO, L. The work of Luigi Luzzatti or the birth of the cooperative movement. (In Italian.) genzia Romana Note e Inform. Agr. 5(48):6-7. June 11, 952. 281.8 Ag3

80583 SCHUBERT. Investitionshilfe und landwirtchaftliche genossenschaften. Raiffeisen-Rundschau 4: 5-66. Mar.1952. 284.28 R132
Germany.

80584 STROBELE. Durch die falsche brille gesehen. Bad. Landwirt. Wchnbl. 119:333-334. May 17,1952. 8 B142
Organization.

80585 SUTTON, W. A. Public relations and 4-H lub advancement. (Abs.) Assoc. South. Agr. Workers. roc. 49:22-23. 1952. 4 C82

80586 TILLMANN, H. Die filialgenossenschaft. aiffeisen-Rundschau 4:108. May 1952. 284.28 R132
Germany.

80587 VALKO, L. Farmers' cooperatives in Washngton; directory 1952. Wash. Agr. Expt. Sta. C. 128,rev., 0 p. May 1952. 100 W27S

80588 VERBAND SCHWEIZERISCHER KONSUMVEREINE. Genossenschaftliches jahrbuch 1952. Basel, 1952. 100 p. 280.29 V583

80589 VEVERKA, C. Coopération et productivité. Coopération 22:14-18. May 1952. 280.28 C7845

80590 WABEKE, C. C. Our agricultural cooperatives. (In Dutch.) Zeeuwsch Landbbl. 40(2127):11-12. June 21,1952. 12 Z2

80591 WILLMAN, H. A. The 4-H handbook; a timesaver for agricultural leaders, county extension agents, vocational teachers, and older youth. Ithaca,N. Y.,Comstock Pub. Associates,1952. 238 p. 275.2 W68

80592 YORKSHIRE AGRICULTURAL SOCIETY. The journal for the year 1952, No. 103. York,1952. 138 p. 10 Y7
Includes the annual report.

RURAL SOCIAL PSYCHOLOGY

80593 FESSLER, D. R. The development of a scale for measuring community solidarity. Rur. Sociol. 17: 144-152. June 1952. 281.28 R88

80594 HOEFLIN, R. The use of the open-end interview in family life study. Rur. Sociol. 17:169-170. June 1952. 281.28 R88

80595 MAJORS, E. Better citizens through family life. (Abs.) Assoc. South. Agr. Workers. Proc. 49:96. 1952. 4 C82

80596 MOORE, L. Living happily together. Okla. Agr. Col. Ext. C. 440,8 p. n.d. 275.29 Ok41C

80597 PEABODY, G. E., and SARGENT, E. H., JR. Elements of organized debate and discussion. N. Y. Agr. Col. Cornell Ext. B. 854,34 p. Apr.1952. 275.29 N48E

80598 SPERRY, I. V. Functions of the family life center. (Abs.) Assoc. South. Agr. Workers. Proc. 49: 95. 1952. 4 C82

TRADE, FOREIGN AND INTERNATIONAL

80599 ALCAIDE INCHAUSTI, J. Van a incrementarse nuestras ventas al exterior de pieles lanares y cabrias. Rev. Sind. de Estadís. 7(25):15-16. First Q. 1952. 263 Es8B
Spain.

80600 ALCARAZ LUNA, M. Aumentan los precios de exportación de pimentón y azafrán. Rev. Sind. de Estadís. 7(25):2-5. First Q.1952. 263 Es8B
Spain.

80601 ARMSTRONG, D. S. Indonesia doubles flour imports; possibilities for Canadian exporters of flour. Foreign Trade 11:773-775. June 21,1952. 286.8 C162

80602 AUSTRALIAN SUGAR PRODUCERS ASSOCIATION. Commonwealth Sugar Agreement Act; the case of the Australian raw sugar industry for amendment of the sugar agreement during the February 1952 session of the Commonwealth Parliament. Brisbane,1952. 43 p. 284.365 Au7

80603 BALLESTER, A. Los cítricos, primer renglón de la exportación frutícola española. Siembra [Madrid] 8(4):12-13. Apr.1952. 15 Si1

80604 BONINI, R. Exportation of Vermouth from Italy and world consumption. (In Italian.) Cron. Econ. 112:38-39. Apr.1952. 280.8 C882

80605 CUBA. MINISTERIO DE HACIENDA. Comercio exterior 1949-1950. Habana,1951. 483 p. 254.8 C893
Statistics.

80606 DEPOCAS, J. C. Guatemala's external trade. Foreign Trade 11:814-817. June 28,1952. 286.8 C162
Agricultural.

80607 EMMEL, E. Nationale und internationale fragen zu den agrarzöllen. Agrarwirtschaft 1:131-134. June 1952. 281.8 Ag826

80608 FERNANDO, G. A. Indian trade review. Ceylon Trade J. 17:84-88. Mar.1952. 286.8 C333
Includes trade in agricultural products.

80609 FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Yearbook of food and agricultural statistics, 1951, v. 5, pt. 2, Trade. Rome,1952. 236 p. 251 Y3

80610 GARIBOLDI, A. Export situation. (In Italian.) Riso 1(1):15. Feb.1952. 59.8 R49
Italy.

80611 GIARD. Le commerce extérieur du Togo en 1951. Marchés Colon. du Monde 8:1639-1640. June 14, 1952. 286.8 M33

80612 GONZÁLEZ MELO, J. La exportación de los frutos cítricos. Siembra [Madrid] 8(4):14-17. Apr. 1952. 15 Si1
Spain.

80613 GT. BRIT. MINISTRY OF FOOD. Explanatory notes summarising the main points of the export sugar agreement. London?1951. 11 p. 286.365 G793

80614 GROSSERER-SOCIETETETS KOMITE. Handelsberetning for aret 1951 [Trade report for the year 1951]. København,1952. 428 p. 287 C79
Includes agricultural products.

80615 GUNN, K. L. Wool and the balance of trade. Austral. Bur. Agr. Econ. Q. Rev. Agr. Econ. 5:72-75. Apr.1952. 281.9 Au73
Australia.

80616 ICELAND. HAGSTOFA. Verzlunarskýslur arið 1951. External trade 1951. Reykjavík,1952. 126 p. 257.12 H12V
Table of contents and captions also in English.
Includes farm products.

80617 INDONESIA. PENERBITAN KANTOR PUSAT STATISTIK. Angka^2 tahunan sementara, impor dan ekspor selama tahun 1950 [Provisional annual figures, imports and exports for 1950]. n.p.,1951-52. 2 v. 272 In22A

80618 INTERNATIONAL COTTON ADVISORY COMMITTEE. Cumulative exports of cotton, by months, from beginning of cotton season from designated countries 1946-47 through 1950-51. Washington,1952. 4 p. 286.372 In8C

80619 JOURDAN, L. Les exportations de fruits et légumes d'Algérie en 1950-51. Élevage et Cult. 4(41):8-9. May 1952. 24 EL2

80620 KAUTE, F. J. Die gebühren der Aussenhandelsstelle des Bundesministeriums für Ernährung, Landwirtschaft und Forsten speziell bei erhebung von abschöpfungsbeträgen. Zucker- u. Süsswaren-Wirt. 5:460-462. June 5,1952. 286.86 Z8

80621 LANDSBERG, H. The role of cheese in our foreign policy. Farm Policy Forum 5(17,i.e.7):30-32. July 1952. 281.8 F2274

80622 MOLLIN, F. Outlook is for Mexican livestock exports with only slight controls after Sept. 1. Calif. Cattleman July 1952:17. 43.8 C12

80623 MONTES ORTEGA, M. Los cítricos españoles en la producción de divisas. Siembra [Madrid] 8(4): 27-29. Apr.1952. 15 Si1
Spain.

80624 MOROCCO. DIRECTION DE L'AGRICULTURE, DU COMMERCE ET DES FORÊTS. DIV. DU COMMERCE ET DE LA MARINE MARCHANDE. Statistiques du mouvement commercial et maritime du Maroc (zone française et zone de Tanger) année 1950. Rabat,1951? 922 p. 270 M82

80625 PLASSCHE, A. W. VAN DE. Export and quality. (In Dutch.) Netherlands. Dir. van de Tuinbouw. Meded. 15:286-289. May 1952. 86 N384
English summary, p. 290.
Fruit and vegetables.

80626 PLATE, R. Die weizenbilanz der hauptexportländer. Agrarwirtschaft 1:134-136. June 1952. 281.8 Ag826

80627 PRINS, M. Necessity and possibilities for export of vegetables and fruit. (In Dutch.) Netherlands. Dir. van de Tuinbouw. Meded. 15:265-270. May 1952. 86 N384
English summary, p. 290.

80628 SARO MORON, B. Halagüeñas perspectivas para nuestras exportaciones vinícolas. Rev. Sind. de Estadís. 7(25):6-11. First Q.1952. 263 Es8B
Spain.

80629 SARRANCE, J. Les vins marocains ont un débouché intéressant en Belgique. Petit Casablancais 32(1571):1-2. Apr.26,1952. 280.8 P44

80630 SMITH, J. A. Export trade can be re-established. West. Fruit Grower 6(7):21-22. July 1952. 95.8 G762

80631 SMITH, J. A. How can we recapture our lost export fruit markets? Better Fruit 47:16-21,23. (Cont.) July 1952. 80 B46

80632 SPAENDONCK, B. J. M. VAN. Wool textile customs union; only five countries in favour. Wool Rec. & Textile World 81:1646-1647,1649. June 12,1952. 45.8 W884

80633 STEIN, E. Sämereien im deutsch-französischen aussenhandel. Saatgut-Wirt. 4:55-56. Mar.1952. 61.8 Sa1

80634 TUYNMAN, D. S. On the exchange situation. (In Dutch.) Landbode 6(21):9. May 22,1952. 12 L234
Netherlands.

80635 UNITED NATIONS. SECRETARIAT. DEPT. OF ECONOMIC AFFAIRS. Measures for international economic stability; report by a group of experts appointed by the Secretary-General. New York,1951. 48 p. ([United Nations. Document] E/2156; ST/ECA/13) 280 Un3984Ms
Includes international commodity arrangements.

80636 U. S. CONGRESS. SENATE. COMMITTEE ON FINANCE. Customs Simplification Act. Hearings, 82d Cong., 2d sess.,on H. R. 5505, an act to amend certain administrative provisions of the Tariff Act of 1930 and related laws, and for other purposes; April 22, 23, 24, 25, 28, and 29, 1952. Washington,1952. 318 p.

80637 VAN, W. R. Could Cuba export beef? Foreign Trade 11:782-784. June 21,1952. 286.8 C162

80638 VELÁSQUEZ Q., J. Sobre la exportación de ganado. Rev. Agr. y Ganad. 13,i.e.14(145):6-7. Feb. 1952. 9.4 R327
Colombia.

80639 VERHAGE, A. J. Necessity and possibilities for export of ornamentals. (In Dutch.) Netherlands. Dir. van de Tuinbouw. Meded. 15:271-275. May 1952. 86 N384
English summary, p. 290.

80640 ZANTEN, N. V. VAN. Necessity and possibilities for export of horticultural seeds. (In Dutch.) Netherlands. Dir. van de Tuinbouw. Meded. 15:275-279. May 1952. 86 N384
English summary, p. 290.
Vegetable and flower seeds.

FOOD AND HUMAN NUTRITION

Publications of the U. S. Department of Agriculture State Agricultural Experiment Stations, and State Agricultural Extension Services on cookery and other subjects not ordinarily covered in the Bibliography of Agriculture will be included in this list.

GENERAL

80641 AMERICAN ACADEMY OF APPLIED NUTRITION. Today's nutrition. Los Angeles,1952. 42 p. 389.1 Am384

80642 BAKER, R. C., and HAYES, D. L. Barbecued chicken. N. Y. Agr. Col. Cornell Ext. B. 862,15 p. June 1952. 275.29 N48E

80643 BASH, W. D., and KOEHNE, M. Snacks are snipers. Va. Fruit 40(6):37-39. June 1952. 81 V81B
Nutrition of school children.

80644 BAXTER, L., JUSTIN, M. M., and RUST, L. O. Our food. Philadelphia,Lippincott,1952. 202 p. 389.2 B33

80645 BERGSTRÖM, G., and SCHAGER, I. Sjukmat; näringslära, dietetik; till tjänst vid sjukvård i hem och på sjukhus [Food for the sick; human nutrition,dietetics; to be used for patients at home and in hospitals]. Ed. 9, rev. Stockholm,Svenska Bokförlaget,1951. 296 p. 389.25 B454

80646 BRANDSTETTER, B. Die richtige zusammensetzung der ernährung. Z. f. Lebensmtlprod. 5(4):5-8. Apr.1952. 389.8 Z34

80647 BUSTOS LOPEZ, M. Por una alimentación eficiente y de bajo costo; este es móvil de las actividades que desarrolla el Instituto Nacional de Nutriologia de Mexico. Medicina 32(650,sup.):57-59. Apr.25,1952. 448.8 M4693

80648 BUSTOS LOPEZ, M. Los problemas de la alimentación y la agricultura en Mexico. Medicina 32 (648,sup.):41-44. Mar.25,1952. 448.8 M4693

80649 CHALMERS, F. W., LAWLESS, J. J., and STREGEVSKY, S. Nutrition survey of West Virginia University students. W. Va. Agr. Expt. Sta. B. 352,21 p. June 1952. 100 W52

80650 CLARK, F. LE G. Civilised food—the science of its cause and cure. Conquest 40(130):11-22. 1952. 448.9 R312
In relation to nutrition.

80651 DAIBER, G. Zur frage der ziegenmilchanämie und anderer mangelnahrungsschäden. Deut. Med. Wchnschr. 77:817. June 20,1952. 448.8 D48

80652 DAVIS, N., and SCOULAR, F. I. Calcium, phosphorus, and nitrogen of nursery-school lunches. Child Devlpmt. 23:83-90. June 1952. 320.8 C436

80653 DAWSON, E. H., and others. Development of rapid methods of soaking and cooking dry beans. U. S. D. A. Tech. B. 1051,53 p. Ref. June 1952. 1 Ag84Te
J. C. Lamb, E. W. Toepfer, and H. W. Warren, joint authors.

80654 ELVEHJEM, C. A. Nutritional interrelationships. Internatl. Z. f. Vitaminforsch. 23:299-308. Ref. 1952. 389.8 Z33

80655 FISCHER. Unsere ernährung gestern und heute. Landbforsch. Völkenrode 1:43-45. Oct.1951. 18 L2353
Germany.

80656 GILROY, A. B. A survey of child nutrition on tea estates in Assam. Indian J. Med. Res. 39:361-375. Ref. July 1951. 448.8 In22

80657 GUNN, A. Teaching mothers infant feeding before their babies are born. Nutrition 6(2):21-24. Summer 1952. 389.8 N959

80658 HILDRUM, E. Nutrition developments in U. S. A. (In Norwegian.) Kolonihagen 22:69-72. Apr./May 1952. 80 K83

80659 HURTADO, F., and GALÁN, E. Vitamin A; recent knowledge and review of work done in Cuba. Internatl. Z. f. Vitaminforsch. 23:436-439. Ref. 1952. 389.8 Z33
In human nutrition.

80660 JUKES, T. H. Folic acid. Internatl. Z. f. Vitaminforsch. 23:356-361. 1952. 389.8 Z33
In nutrition.

80661 KING, C. G. Basic research in nutrition as a contribution to agriculture and to public health. Internatl. Z. f. Vitaminforsch. 23:338-348. 1952. 389.8 Z33

80662 KROFSKY, J. The gardener's cookbook. New York,Eastern State Farmers' Exchange, Crowell,1952. 150 p. 389.25 K91
Vegetables.

80663 LUTHER, H. G., GOETT, E. J., and CRAGWALL, G. O. Recent development of vitamin A—availability and stability. Internatl. Z. f. Vitaminforsch. 23:362-380. Ref. 1952. 389.8 Z33
In human and animal nutrition.

80664 MAYNARD, L. A. Human nutrition problems related to the feed and livestock industries. Amer. Miller & Processor 79(12):39-40,61-62. Dec.1951. 298.8 Am32

80665 NORTH CAROLINA. UNIVERSITY. STATE COLLEGE OF AGRICULTURE AND ENGINEERING. EXTENSION SERV. Facts and recipes for corn meal and grits. N. C. Agr. Col. Ext. Misc. Pam. 140,20 p. Feb.1952. 275.29 N811M

80666 RAO, D. N., SREERAMAMURTHY, V. V., and VENKATESWARLU, P. The supplementary effect of pulses and rice on tapioca diet. Indian J. Med. Res. 39: 329-336. Ref. July 1951. 448.8 In22

80667 SBARRA, N. H. La alimentación y la salud. Chacra 22(259):64-65. June 1952. 9 C34

80668 SCHMALZBAUER, H. Das eiweiss; die geheimnisse seiner zusammensetzung und seine bedeutung für ernährung und technik. Z. f. Lebensmtlprod. 5(4):12-14. Apr.1952. 389.8 Z34

80669 SEBRELL, W. H., JR. Vitamins and public health. Internatl. Z. f. Vitaminforsch. 23:380-392. Ref. 1952. 389.8 Z33

80670 SMIT, R. J. South African expert reports on Europe's food war. Veldtrust 13(5):23-25,27. May 1952. 56.8 V54
Nutrition and health in Europe.

80671 SPIES, T. D., and others. The effect of supplements of vitamin B_{12} on the growth of children with nutritive failure. Internatl. Z. f. Vitaminforsch. 23:414-429. Ref. 1952. 389.8 Z33
S. Dreizen, C. Currie, and C. C. Buehl, joint authors.

80672 U. S. EXTENSION SERV. 4-H food and nutrition reference list, by E. L. Blanchard. Washington,1952. 31 p. 1.913 F3F8224

80673 U. S. PRODUCTION AND MARKETING ADMIN. Annual Midwest Area School Lunch Direct Distribution Conference, Oct. 17-19, 1951. Chicago,1951? 5 p. 1.956 F732An7

80674 VALVERDE, R. Hacia un nuevo régimen alimentico. ICA; Indus. y Com. de la Alimen. 7(77):39. Apr.1952. 386.8 Ic1

80675 VAUGHN, M. Good food without salt. New York,Crowell,1951. 188 p. 389.25 V462
Recipes.

80676 WILLIAMS, R. R. Nutritional diseases of rice eaters as a world problem. Internatl. Z. f. Vitaminforsch. 23:318-324. 1952. 389.8 Z33

80677 WOODS, R. Nutrition and alcoholism. Borden's Rev. Nutr. Res. 13:29-48. Ref. Mar./Apr. 1952. 389.8 B64

FOOD HABITS

80678 BARRY, M. B. Our State considers its food habits. Pub. Health Nursing 44:403-407. July 1952. 448.8 P96
Rhode Island.

NUTRITIVE AND VITAMIN CONTENT

80679 ANDERSON, Z. E. How good is butterfat? Amer. Milk Rev. 14(7):12-14,80. July 1952. 44.8 Am38
Nutritive value.

80680 ANDERSON, Z. E. Your consumers' concerns concern you. Ice Cream Trade J. 48(7):40,42,86-87. July 1952. 389.8 Ic2
Nutrive value of butterfat.

80681 CASARES LOPEZ, R., and LOPEZ HERRERA, C. Estudio bromatológico de los piñones españoles. An.de Bromatología 4:147-154. Ref. 1952. 389.8 An1
English summary.
Nutritive value.

80682 CLIFCORN, L. E. The nutritional quality of canned foods. South. Food Processor 13(5-A):20-23. May 31,1952. 389.8 So82

80683 FURTER, M. F. The development of a practical process for enrichment of white rice. Internatl. Z. f. Vitaminforsch. 23:324-330. 1952. 389.8 Z33

80684 GHOSH, A. K., and RAJAGOPAL, K. Riboflavin content of some common Indian foodstuffs. Indian J. Med. Res. 39:473-478. Oct.1951. 448.8 In22

80685 GREER, E. N., and others. The composition of British-grown winter wheat. I-II. J. Sci. Food & Agr. 3:12-18. Ref. Jan.1952. 382 So12
I, Vitamin-B_1 content, by E. N. Greer, H. N. Ridyard, and N. L. Kent; II, Iron and manganese contents, by E. N. Greer, W. J. S. Pringle, and N. L. Kent.

80686 HENRY, K. M., and KON, S. K. Studies on the biological value of the proteins (nitrogen) of dried skim milk: effects of the addition of certain amino-acids, of age of rat and of level of protein intake. J. Dairy Res. 19:216-225. Ref. June 1952. 44.8 J823

80687 KAMAT, V. N., PANDYA, H. G., and NARAYANA, N. Ascorbic acid (vitamin C) contents of the vegetables and fruits of the Poona market. Poona Agr. Col. Mag. 42:266-270. Ref. Feb.1952. 22 P79

80688 LEICHSENRING, J. M., and others. Studies trace calcium losses in young women. Minn. Farm & Home Sci. [Minn. Sta.] 9(3):5,10. May 1952. 100 M668
L. M. Norris, S. A. Lamison, E. D. Wilson, and M. B. Patton, joint authors.

80689 LEVERTON, R. M., and others. Further studies of the use of meat in the diet of infants and young children. J. Ped. 40:761-766. Ref. June 1952. 448.8 J8291
G. Clark, P. M. Bancroft, and E. Copeman, joint authors.

80690 LORD, E. L. The mineral matter content of fruits: from the ground up. Subtrop. Gard. 5(4):7. Feb. 1952. 80 Su13
Nutritive value.

80691 MILLER, C. D., DENNING, H., and BAUER, A. Retention of nutrients in commercially prepared soybean curd. Food Res. 17:261-267. May/June 1952. 389.8 F7322

80692 MILLER, L. A. How enrichment improved public health in Newfoundland. Bakers Wk. 155(2):34-36. July 14,1952. 389.8 B172

80693 MOREAUX, R. Le miel dans l'alimentation et au thérapeutique. Abeille et l'Erable (ser.2)21:74-80. (Cont.) May 1952. 424.8 Ab32

80694 RANDOIN, L., and PERROTEAU, A. Nouvelles recherches sur la valeur antiscorbutique comparée des laits concentrés sucrés, des laits condensés non sucrés et des laits secs entiers non sucrés. Acad. Natl. de Méd. B. (ser.3)136:196-199. 1952. 448.9 P21

80695 RODALE, R. Don't waste rose hips. Org. Gard. 20(7):26-27,49-51. July 1952. 56.8 Or3
Nutritive value.

80696 RODRIGO, P. A. The role of beans in our national economy. Gard. & Farm 1(5):8-9,25,37,44-45. Nov.1951. 25 G16
Nutritive value as food and feed.

80697 RODRIGUEZ PINERO, J. M. Los citricos y la medicina. Siembra [Madrid] 8(4):24-26. Apr. 1952. 15 Si1
Nutritive value.

80698 SEVRINGHAUS, E. L. Clinical significance of enriching cereal foods. Internatl. Z. f. Vitaminforsch. 23:348-355. 1952. 389.8 Z33

80699 SHOPE, W. R. Pennsylvania projects' first report. Capriculturist 10(4):15. Apr.1952. 40.18 C17
Goats' milk for children.

80700 TAYLOR, J. The iodine factor in nutrition. Capriculturist 10(4):19-21. Apr.1952. 40.18 C17

80701 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Making the most of milk, by G. E. Holm, E. Phipard, and B. Crom. Washington,1952. 3 p. 1.914 R2R11

80702 USUELLI, F. The high biologic value of rice proteins. (In Italian.) Riso 1(1):25-26. Feb.1952. 59.8 R49

MISCELLANEOUS

Publications of the U. S. Department of Agriculture, State Agricultural Experiment Stations, and State Agricultural Extension Services on home management, personnel, and other subjects not ordinarily covered in the Bibliography of Agriculture will be included in this list.

GENERAL

80703 AGENDA de l'agriculteur et du vigneron; agenda agricole-horticole de la suisse romande, 1952. Lausanne,1952. 335 p. 30.3 Ag33

80704 ALBERTA. DEPT. OF AGRICULTURE. Annual report for the year 1950. Edmonton,1951. 155 p. 7 AL12

80705 ANDERSSON, A. The bait technique has not changed. (In Swedish.) Lantmannen 36:391-393. May 17, 1952. 11 L234
Control of rats.

80706 BELGIUM. SERV. DE L'HORTICULTURE. Produits phytopharmaceutiques, par E. Tilemans. Ed. 2. Gembloux,1951. 59 p. 395 B412
Insecticides, fungicides and herbicides.

80707 BRITISH COLUMBIA. DEPT. OF AGRICULTURE. Forty-sixth annual report 1951. Victoria,1952. 193 p. 7 B77R

80708 CHAIGNEAU, A. Poisons, virus, gaz contre les animaux nuisibles. Paris,La Maison Rustique,1951. 92 p. 79 C34

80709 CHIESA MOLINARI, O. Lucha contra los roedores del campo. Pampa Argentina 25(291):15,27. Mar.1952. 9 P19

80710 CHOQUETTE, C. De leur naissance à la mise sur le marché. B. des Agr. 48(2):12,69. Feb.1952. 7 B872
Economic poisons in Canada.

80711 COLOMBIA. MINISTERIO DE AGRICULTURA. Memoria al Congreso Nacional, agosto 1.950-octubre 1.951. Bogota,1951. 106 p. 9.4 C7192

80712 CONGRESO SUDAMERICANO DE QUIMICA, 5, LIMA, PERU. Summary of papers. (In Portuguese.) Rev. Bras. de Quim. (Cien. & Indus.) 33:222,224,226-231. (Cont.) Apr.1952. 385 R322

80713 COX, W. C. Aspectos de salubridad de los venenos economicos. Ofic. Sanit. Panamer. B. 32:531-534. June 1952. 449.9 P192B
English summary.

80714 DARLINGTON, C. D. The coming of heredity. Discovery 13:139-143. May 1952. 472 D63

80715 DENMARK. UDENRIGSMINISTERIUM. Denmark: published by the Royal Danish Ministry for Foreign Affairs and the Danish Statistical Department. Copenhagen,1952. 259 p. 257.1 Ud3

80716 DREYFUS, E. A new poison against rats. (In Hebrew.) Hassadeh 32:257-258. Feb.1952. 26 H27

80717 GILBERTSON & PAGE. The control of vermin. Ed. 3. Hertford,1952. 66 p. 79 G37

80718 HOLMSTROM, S. Agriculture and economic poisons. (In Swedish.) Lantmannen 36:457-459,463. June 7,1952. 11 L234

80719 HOLZ, W. Das pflanzenschutzmittel-verzeichnis 1952. Praxis u. Forsch. 4:78-79. June 20,1952. 18 P89
Economic poisons in Germany.

80720 ILLINOIS. UNIVERSITY. COLLEGE OF AGRICULTURE. EXTENSION SERV. Available publications, agriculture and home economics. Urbana,1952. 12 p. 275.29 I162Av

80721 ISLE OF MAN. BOARD OF AGRICULTURE AND FISHERIES. Report for the year ended 31st March, 1951. Douglas,1951. 35 p. 10 Is4A

80722 KIHARA, H. T. D. Lysenko. Sci. & Cult. 17: 460-462. May 1952. 475 Sci24
Russian genetics.

80723 KIMURA, M. Recombination of chromosome segments through continued self-fertilization and the degree of homozygosis to be expected. (In Japanese.) Jap. J. Genet. 26:53-62. Ref. Apr.1951. 442.9 J27
English summary.

80724 KVASNIKOV, E. I. All-Union Conference on Microbiology. (In Russian.) Vinodel. i Vinograd. SSSR. 12:56-58. Jan.1952. 95.8 V77

80725 LANDBOUW gids [Farm guide] 1952. Utrecht, 1952. 536 p. 12 L239

80726 MADSEN-MYGDAL, T. Landbrugets ordbog. Håndbog for den praktiske landmand [Agricultural dictionary. Handbook for the practical farmer]. Ed. 4. København,Gyldendal,1951-52. 2 v. 30.1 M26

80727 NADAI, J. Ein überblick über T. D. Lysenkos mitschurinistische sowjetgenetik. Z. f. Tierzücht. u. Züchtbiol. 60:42-61. Ref. Mar.1952. 442.8 Z35

80728 NEUHAUS, W. Zur frage der duftanlockung der ratten. Anz. f. Schädlingsk. 25:87-89. June 1952. 421 An9

80729 NYASALAND. DEPT. OF AGRICULTURE. Report for the year 1950, pt. II. Zomba,1952. 36 p. 24 N98A

80730 OPPLAND LANDBRUKSSELSKAP. Melding fra Oppland Landbruksselskap [Report of Oppland Agricultural Society for] 1951. Gjøvik,1951. 189 p. 11 Op4

80731 PINDUR, W. Rattenbekämpfung. Bauer 5(8): 14-16. Feb.23,1952. 19 B32

80732 PUERTO RICO. OFF. OF THE GOVERNOR. BUR. OF THE BUDGET. DIV. OF STATISTICS. Report on surveys, research projects, investigations and other organized fact-gathering activities of the Government of Puerto Rico conducted during fiscal year 1951-52, including list of projects completed between May 1948 and June 1951. San Juan,1951. various pagings. 330.9 P96
Includes the Department of Agriculture and Commerce.

80733 PUERTO RICO. UNIVERSITY. COLLEGE OF AGRICULTURE. EXTENSION SERV. Lista de publicaciones. Rio Piedras,1952. 13 p. 275.29 P96Po

80734 RATCLIFFE, F. N., and others. Myxomatosis in Australia; a step towards the biological control of the rabbit. Nature [London] 170:7-11. Ref. July 5,1952. 472 N21
K. Myers, B. V. Fennessy, and J. H. Calaby, joint authors.

80735 SANCHEZ MONGE, E. Glosario de terminos de genetica y citogenetica nuevos términos y usos. II. Spain. Cons. Super. de Invest. Cient. Estac. Expt. de Aula Dei. An. 2:270-276. Ref. 1952. 506 Sp132

80736 SCHABLIN, M. Warfarin—the rodenticide of the future. Planters' Chron. 47:67-68. Feb.1,1952. 22 P693

80737 SOUTH AFRICA. UNION COMMITTEE ON THE EXTERMINATION OF VERMIN. Report (revised) on the activities of the Union Committee on the Extermination of Vermin, 1948. Pretoria,Govt. Printer,1951. 22 p. 79 So8

80738 SRB, A. M., and OWEN, R. D. General genetics. San Francisco,Freeman,1952. 561 p. Ref. (A Series of Biology Texts) 443 Sr1

80739 SRINATH, K. V. The material and the mechanism of heredity. Sci. Club J. 5(3):25-29. Dec.1951/Feb. 1952. 475 Sci29

80740 U. S. CONGRESS. HOUSE. COMMITTEE ON AGRICULTURE. Reorganization of the Department of Agriculture. Hearings, 82d Cong., 2d sess., March 26, 27, 28, and April 3, 1952. Washington,1952. 176 p.

80741 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. The label tells the story, by W. G. Reed, E. L. Griffin, and R. L. Crom. Washington,1952. 3 p. 1.914 R2R11
Economic poisons.

80742 U. S. DEPT. OF AGRICULTURE. OFF. OF THE SECRETARY. Report of the Secretary of Agriculture, 1951. Washington,1952. 38 p. 1 Ag84

80743 U. S. EASTERN REGIONAL RESEARCH LABORATORY. Publications and patents of the Eastern Regional Research Laboratory, July-December 1951. U. S. Bur. Agr. & Indus. Chem. AIC-320(sup.1),14 p. 1952? 1.932 A2Ag82

80744 VRIELINK, A. G. M. O. Erfelijkheidsleer [Genetics]. Boeren- en Tuindersbiblioth. Ser. B 3,122 p. 1951. 12 B638.

80745 WEST VIRGINIA ACADEMY OF SCIENCE. Proceedings, v. 23, 1951. Morgantown,1952. 242 p. 500 W52

80746 WEYL, V. E. Use ag chemicals carefully. Better Farming Methods 24(7):10. July 1952. 58.8 B46
Pesticides.

80747 WILLE, J. E. Probleme der landwirtschaftlichen schädlingsbekämpfung in Peru. Naturwissenschaften 39:105-106. Mar.1,1952. 474 N213

HISTORY AND BIOGRAPHY

80748 BARTELS. Albrecht Thaer—bahnbrecher der fortschrittlichen landwirtschaft. Hannoversche Land- u. Forstwirt. Ztg. 105:469-470. May 10,1952. 18 H194

80749 BELTRAN, E. La vida de un hombre ejemplar: Cassiano Conzatti (1862-1951), socio honorario de la Sociedad Mexicana de Historia Natural. Soc. Mex. de Hist. Nat. Rev. 12:303-318. Dec.1951. 516 So15

80750 BLAKE, D. H. Two old coleopterists. Coleopterists' B. 6:35-41 (Concl.) June 1952. 421 C674
F. H. Chittenden and E. A. Schwarz

80751 BOLÓS, A. DE. Arturo Caballero Segarés (1877-1950). Barcelona. Inst. Bot. Collect. Bot. 3:I-II. 1951. 451 B234
Includes list of his publications.

80752 BOLÓS, O. DE. Emilio Huguet del Villar. Barcelona. Inst. Bot. Collect. Bot. 3:III-IV. 1951. 451 B234

80753 BREIREM, K. Oscar Kellner (May 13, 1851—September 22, 1911). J. Nutr. 47:3-10. May 10,1952. 389.8 J82

80754 CULATTI, J. Anton Siebenhüner. Schweiz. Ent. Gesell. Mitt. 24:200. July 20,1951. 420 Sw6

80755 DAVIS, P. O. Fifty years of southern agriculture. Assoc. South. Agr. Workers. Proc. 49:5-9. 1952. 4 C82

80756 DELFS-FRITZ. 300 jahre landwirtschaft in Südafrika. Übersicht 3(5):51-54. May 1952. 18 Ub3

80757 DIJKSTRA, G. K. Notes from old agricultural reports. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:157-159. Apr.1952. 12 N383M

80758 EARDLEY, C. M. John McConnell Black, M.B.E., A.L.S. Australas. Herb. News 10:1-5. Mar. 1952. 450 Au7

80759 GOLITSYN, IA. S. A. P. Palenin (1855-1902) To the 50th anniversary of his death. (In Russian.) Pchelovodstvo 10(1):59-60. Jan.1952. 424.8 P295
Chiefly on his contribution to beekeeping.

80760 HAGBERG, K. Carl Linnaeus. Translated from the Swedish by Alan Blair. London,Cape,1952. 264 p. 120 L64Re

80761 HAUSHOFER, H. Albrecht Thaer und seine zeit. Übersicht 3(5):17-25. May 1952. 18 Ub3

80762 HOLIK, O. In memoriam Otto Bang-Haas. Z. f. Lepidopterologie 2:7-23. Mar.1,1952. 421 Z3

80763 INSTITUTSDIREKTOR Prof. Dr. M. Seelemann 25 jahre Kieler Milchforschungsanstalt. Kieler Milchwirt. Forschber. 4:257-270. 1952. 44.9 K542
Includes a bibliography of his publications.

80764 KEARNEY, T. H. Dr. Walter T. Swingle. Wash. Acad. Sci. J. 42:208. June 1952. 500 W276J

80765 KEEN, F. P. John Martin Miller (1882-1952). J. Forestry 50:500. June 1952. 99.8 F768

80766 KLUMPP, T. G. A tribute to Dr. Paul B. Dunbar. Food Drug Cosmetic Law J. 7:406-409. June 1952. 389.58 F732

80767 LE GALLO, C. Un spiritain botaniste aux Antilles Francaises, le père Antoine Duss (1840-1924). Nat. Canad. 79:53-75. Ref. Feb.1952. 410 N216

80768 LINSLEY, E. G. James Otis Martin. Pan-Pacific Ent. 28:71-74. Apr.1952. 421 P193
Includes list of his publications.

80769 MCCASKILL, L. W. Hugh Hammond Bennett. Lincoln Col. Rur. Educ. B. 7:18-21. Mar.1952. 109 L63R

80770 MCNALL, N. A. An agricultural history of the Genesee Valley, 1790-1860. Philadelphia,Amer. Hist. Assoc.,1952. 276 p. 31.1 M23

80771 MALDONADO-KOERDELL, M. Algunos aspectos de la obra cientifica del Prof. Cassiano Conzatti. Soc. Mex. de Hist. Nat. Rev. 12:291-301. Dec.1951. 516 So15

80772 MEYER, H. A. Albrecht Daniel Thaer. Hannoversche Land- u. Forstwirt. Ztg. 105:467-468. May 10,1952. 18 H194

80773 MYRICK, N. Gail Borden, a story of courage. Amer. Milk Rev. 14(6):30,83. June 1952. 44.8 Am38

80774 NIKLAS. Albrecht Daniel Thaer, 200 jahre. Diplomlandwirt 2:61-62. June 1952. 18 D62

80775 OLIVA, A. Leonardo and agricultural problems. (In Italian.) Humus 8(3):5-8. Mar.1952. 16 H88

80776 PONCE DE LEÓN Y AYMÉ, A. Elogio del Hermano Leon. Soc. Cubana de Bot. Rev. 8:51-58. Oct./Dec.1951. 451 So123
Includes list of his publications.

80777 POZZO ARDIZZI, L. El botánico y agrónomo Lorenzo R. Parodi. Chacra 22(260):19. July 1952. 9 C34

80778 PRATOLONGO, U. Leonardo. (In Italian.) Humus 8(3):3-4. Mar.1952. 16 H88
Contributions to agricultural science.

80779 PROF. Dr. W. Mohr 25 jahre direktor des Physikalischen Instituts der Bundes-Versuchs- und Forschungsanstalt für Milchwirtschaft in Kiel. Kieler Milchwirt. Forschber. 4:271-288. 1952. 44.9 K542
Includes a bibliography of his publications.

80780 REISSER. Architekt Dipl.-ing. Witburg Metzky. Wien. Ent. Gesell. Z. 36:2-3. Apr.15,1951. 421 Os7

80781 RUPP, H. M. R. Robert David Fitzgerald. Austral. Orchid Rev. 17:22-23. Mar.1952. 80 Au73

80782 SALVADOR, J. M. El campo de la historia en la historia del campo. Saragossa. Cám. Ofic. Sind. Agr. B. Mens. 48:29-30. (Cont.) May 1952. 15 Sa7

80783 SOLOPOV, G. P. Outstanding fruit breeder and follower of I. V. Michurin. (In Russian.) Sad i Ogorod 12:31-32. Dec.1951. 80 Sa13
Aleksandr Vladimirovich Petrov.

80784 SOUSA, J. S. I. DE. Braz Cubas, the first viticulturist of Brazil. (In Portuguese.) Chacaras e Quintais 85:559-561. May 15,1952. 9.2 C34

80785 SYMON, J. A. Early Border agriculture. Scot. Agr. 32:20-24. Summer 1952. 10 Sco82So

80786 VANBREUSEGHEM, R. Maurice Langeron. Mycopath. et Mycol. Appl. 6:58-64. Oct.30,1951. 450 M994
Includes list of his publications.

80787 ZÓPHÓNIASSON, P. At the half century mark. (In Icelandic.) Búnaðarrit 65:5-62. 1952. 11 B88
A brief history of agriculture in Iceland.

80788 ZWÖLFER, W. Karl Escherich. Z. f. Angew. Ent. 33:1-11. Nov.1951. 421 Z36
Includes list of his publications.

HOME MANAGEMENT

80789 ARMSTRONG, O. Pattern alterations. Okla. Agr. Col. Ext. C. 327,23 p. May 1952. 275.29 Ok41C

80790 CARLSON, A. M. Selecting equipment for your community kitchen. N. Y. Agr. Col. Cornell Ext. B. 856, 16 p. May 1952. 275.29 N48E

80791 DOHOGNE, H. Tasty salads for good meals. Okla. Agr. Col. Ext. C. 479,15 p. n.d. 275.29 Ok41C

80792 ECKBLAD, I. M. 4-H project; our family food supply. V. Wash. State Col. Ext. Mimeog. 1324,13 p. June 1952. 275.29 W27Mi

80793 ERICKSON, A. J. Know-how Point 4 expert. Ext. Serv. Rev. 23:93. June 1952. 1 Ex892Ex
An educational program for homemakers of India.

80794 LEE, M. E. The ABC's of clothing care. N. C. Agr. Col. Ext. Misc. Pam. 138,5 p. Mar.1952. 275.29 N811M

80795 LEE, M. E. Costume accessories. N. C. Agr. Col. Ext. Misc. Pam. 135,6 p. Mar.1952. 275.29 N811M

80796 MCIVER, J. Children's clothing. N. C. Agr. Col. Ext. Misc. Pam. 134,8 p. Jan.1952. 275.29 N811M

80797 MCIVER, J. Fitting ready mades. N. C. Agr. Col. Ext. Misc. Pam. 136,6 p.-folder. Mar.1952. 275.29 N811M

80798 MONTANA. STATE COLLEGE. EXTENSION SERV. 4-H clothing leaders guide, by L. V. Hilyard. Bozeman?1951? 7 p. 275.2 M76Fc

80799 NORTH DAKOTA. AGRICULTURAL COLLEGE. EXTENSION SERV. Clothing ABC's; first year clothing project 4-H Club member's manual, by E. B. Jones. Fargo,1951. 56 p. 275.2 N812CL

80800 ROBINSON, C. B. Modern hooked rugs. N. Y. Agr. Col. Cornell Misc. B. 11,23 p. Apr.1951. 275.29 N48Cm

80801 SCOTT, C. L. Dresses and aprons for work in the home. U. S. D. A. Farmers' B. 1963,rev.,16 p. 1952. 1 Ag84F

80802 SMITH, M. How to tailor a woman's suit. U. S. D. A. Home & Gard. B. 20,24 p. 1952. 1 Ag84Hg
Formerly Miscellaneous Publication 591.

80803 U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. Buying bedspreads, by B. M. Viemont. Washington,1952? 6 p. 1.9 H754B

80804 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. National Home Demonstration Week, by R. Stephens and M. E. Creswell. Washington,1952. 3 p. 1.914 R2R11

INTERNATIONAL RELATIONS

80805 GOMEZ, A. Good neighbors without fences. Mex.-Amer. Rev. 20(7):34-37,128-129. July 1952. 287 M572
Mexican-United States cooperation in the field of agriculture.

METEOROLOGY

80806 ALBRECHT, R. Tracking rain with radar. Prairie Farmer, Gen. Ed. 124(13):6,32. July 5,1952. 6 P883

80807 BENSIN, B. M. Agro-climatological investigations in the permafrost region of the Tanana Valley, Alaska. In National Academy of Sciences. Science in Alaska, p.197-218. Ref. Washington,1952. 330.9 C69

80808 RINKMAN, G. The weather: enemy—and friend. Hoard's Dairyman 97:612,627. July 25,1952. 44.8 H65
Forecasting.

80809 COX, E. F. Meteorological observations for April 1952. Mass. Agr. Expt. Sta. Met. Ser. B. 760,4 p. Apr.1952. 100 M38H

80810 DAIGO, Y. Nogyo kisho (Agriculture and climate). Tokyo,Asakura Shoten,1951. 248 p. 346 D142

80811 DUVDEVANI, S. Dew observations and their significance—new methods in dew estimation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 4: 45-47. 1949,pub.1951. 279.9 Un32P

80812 GODSKE, C. L. An investigation of precipitation in inner Hardanger. (In Norwegian.) Frukt og Baer 4:115-126. 1951. 80 F9428

80813 PIRIZ, N. A. Meteorologia para el ruralismo. Asoc. Rur. del Uruguay. Rev. 79(5):37-39. May 1952. 9.9 As5

80814 RAMÓN RUIZ, A. Rainfall in Cuba. Asoc. de Tec. Azucareros de Cuba. Proc. 24:191-193. 1950. 65.9 As5

80815 RUBY, F. Les méthodes actuelles et nouvelles de défense contre la grêle. Agriculture [Paris] 16:133-136. May 1952. 14 Ag823

80816 RUFIN, G. La défense contre la grêle. Jura Agr. (n.s.)100:1. June 1,1952. 14 J97

80817 SANSON, J. Essai de climatologie agricole de l'Anjou. École Supér. d'Agr. et de Viticult. B. Mens. 30:37-67. Ref. Feb.1952. 275.9 An4

80818 SCHAEFER, V. J. Should rainmaking be controlled? Kans. State Bd. Agr. Rpt. 81(308):34-41. June 1952. 2 K13Re

80819 STERTEN, A. K. Biometeorology—agricultural meteorology. (In Norwegian.) Norsk Landbr. 18: 224-226. June 20,1952. 11 N8122

80820 SUZUKI, S. Nogyo kishogaku [Agricultural meteorology]. Tokyo,Yoken-do,1951. 267 p. 346 Su9

80821 TABOR, P. The rainfall of the southeastern United States and some effects on soil conserving crops. (Abs.) Assoc. South. Agr. Workers. Proc. 49:54. 1952. 4 C82

PERSONNEL

80822 THORNE, L. B. Workers in subjects pertaining to agriculture in land-grant colleges and experiment stations, 1951-52. U. S. D. A. Agr. Handb. 35,221 p. Dec.1951. 1 Ag84Ah

RESEARCH

80823 BUNDESVERSUCHSINSTITUT FÜR KULTURTECHNIK UND TECHNISCHE BODENKUNDE. Tätigkeitsbericht 3, 1949/50. Bundesversinst. f. Kulttech. u. Tech. Bodenk. Mitt. 6,85 p. 1951. 56.9 P45

80824 COMMONWEALTH AGRICULTURAL BUR. EXECUTIVE COUNCIL. Gazetteer of agricultural and forestry research stations in the British Commonwealth, including a list of such stations in the Republic of Ireland, 1952. Farnham Royal,Bucks,Eng.,1952. 517 p. 225 C732

80825 DUCK, R. W. What farm research is doing at the Storrs, Conn., Station. Rur. New-Yorker 102: 443,452-453. July 5,1952. 6 R88

80826 GIESSEN, C. VAN DER. The organization of agricultural research in the Netherlands. J. Sci. Food & Agr. 3:245-247. June 1952. 382 So12

80827 HAKANSSON, R. Research and agricultural information in the United States. (In Swedish.) Svensk Jordbrforsk. 1951:7-15. 11 J763

80828 IOWA. AGRICULTURAL EXPERIMENT STATION. New findings for farm folk; a report of the Iowa Agricultural Experiment Station for the two years July 1, 1949 to June 30, 1951. I. Ames,1952. 73 p. 100 Io9

80829 IRWIN, D. L. Status and accomplishments of agricultural research in Alaska. In National Academy of Sciences. Science in Alaska, p.1-10. Washington,1952. 330.9 C69

80830 JACKMAN, E. R. We need all we can grow. Oreg. Farmer 75:563,576. July 17,1952. 6 Or32
Research in agriculture.

80831 LAAN, E. VAN DER. The Section for Experimental Technique. (In Dutch.) Netherlands. Dir. van de Tuinbouw. Meded. 15:291-292. May 1952. 86 N384
English summary.

80832 LEWIS, A. H. Industry's contribution to agricultural research. VII. I.C.I. [Imperial Chemical Industries] and Jealott's Hill Research Station. World Crops 4:247-250. July 1952. 281.8 W892

80833 LUNDELL, C. L. Unusual agricultural research at Renner; putting Texas agriculture on permanently productive basic objective of Texas Research Foundation. East Tex. 26(9):8,16. June 1952. 6 Ea73

80834 MCGOVERN, J. H. Importance of research to the Nation's food supply and American agriculture. Amer. Seed Trade Assoc. Hybrid Corn Indus.-Res. Conf. Proc. 6:96-100. 1951. 59.9 Am32

80835 NATIONAL ACADEMY OF SCIENCES. Science in Alaska; selected papers of the Alaskan Science Conference, Washington, November 9-11, 1950; edited by H. B. Collins. Washington,1952. 305 p. (Arctic Institute of North America. Special publication. No. 1) 330.9 C69
National Research Council cooperating.

80836 NEBRASKA. AGRICULTURAL EXPERIMENT STATION. 65th annual report, 1951. Lincoln,1952. 24 p. 100 N27

80837 NORTH DAKOTA. AGRICULTURAL EXPERIMENT STATION. Agricultural progress through research; annual report, 1950/51. N. Dak. Agr. Expt. Sta. B. 371,103 p. Jan.1952. 100 N813

80838 PENNSYLVANIA. AGRICULTURAL EXPERIMENT STATION. Science for the farmer: supplement 3 to the 64th annual report. Pa. Agr. Expt. Sta. B. 540(sup. 3),11 p. June 1952. 100 P381

80839 RUDOLF, K. The organization of agricultural research in Switzerland. J. Sci. Food & Agr. 3:241-244. June 1952. 382 So12

80840 RUTLEDGE, G. C. Here's how—experiment station annual reports. (Abs.) Assoc. South. Agr. Workers. Proc. 49:23. 1952. 4 C82

80841 STOFFELS, E. Les institutes de recherches au Congo belge. (In Dutch.) Landbk. Tijdschr. 64:298-303. May 1952. 105.2 Or3
French summary.
Farm research.

80842 SUAREZ DE CASTRO, F. La experimentación agrícola en Colombia. I. Agr. Trop. 8(5):47-51. May 1952. 26 Ag8

80843 TENNESSEE. AGRICULTURAL EXPERIMENT STATION. Extra dollars for Tennessee from agricultural research. Tenn. Agr. Expt. Sta. B. 225,12 p. June 1952. 100 T25S

80844 TENNESSEE. AGRICULTURAL EXPERIMENT STATION. Sixty-third annual report, 1950. Knoxville, 1951? 149 p. 100 T25S

80845 U. S. OFF. OF EXPERIMENT STATIONS. Report on the agricultural experiment stations, 1951. Washington,1952. 170 p. 1 Ex6

80846 WEBSTER, C. C. The organization of agricultural research in an African Colony. Empire Cotton Growing Rev. 29:157-166. July 1952. 72.8 Em7

STATISTICS

80847 LEE, I. M. A critical evaluation of available agricultural statistics. Amer. Statis. Assoc. J. 47:267-280. June 1952. 251 Am3
Methods.

80848 U. S. BUR. OF AGRICULTURAL ECONOMICS. Calculation of partial and multiple regression and correlation coefficients, 3 to 5 variables: formulas developed by R. J. Foote. Rev. Washington,1952. 15 p. 1.941 A22C12

U. S. D. A. PUBLICATIONS

Includes publications of the United States Department of Agriculture received in the Library during the preceding month, except restricted publications and materials issued for internal administrative use rather than for public distribution.

Periodicals issued by the Department are listed in the November issue only; articles in them are indexed currently.

Domestic requests for publications in the various Department series will be filled free upon application to the Office of Information, United States Department of Agriculture, Washington 25, D. C., as long as the supply lasts. They may also be purchased from the Superintendent of Documents, Washington 25, D. C.

Bureau publications may ordinarily be obtained free of charge from the issuing bureau as long as the supply lasts.

Foreign institutions, organizations and agencies which issue publications may obtain United States Department of Agriculture publications in exchange by writing to the United States Department of Agriculture Library, Washington 25, D. C.

Agricultural Handbooks

THORNE, L. B. Workers in subjects pertaining to agriculture in land-grant colleges and experiment stations, 1951-52. U. S. D. A. Agr. Handb. 35,221 p. Dec.1951. 1 Ag84Ah

Agricultural Information Bulletins

LATHROP, W. H. From the dust of the earth. U. S. D. A. Agr. Inform. B. 78,16 p. 1952. 1 Ag84Ab

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. The great flood. U. S. D. A. Agr. Inform. B. 81,37 p. Apr.1952. 1 Ag84Ab

Agricultural Monographs

CORRELL, D. S. Section Tuberarium of the genus Solanum of North America and Central America. U. S. D. A. Agr. Monog. 11,243 p. Ref. May 1952. 1 Ag84Am

Circulars

CRIDER, F. J. Natob, a new bush Lespedeza for soil conservation. U. S. D. A. C. 900,10 p. Ref. Mar.1952. 1 Ag84C

HAYES, K. M., GORESLINE, H. E., and MOSER, R. E., Jr. Consumer acceptance of thermostabilized, oil-processed, and natural shell eggs (a pilot study). U. S. D. A. C. 902,13 p. Apr.1952. 1 Ag84C

Farmers' Bulletins

MARSDEN, S. J. Turkey raising. U. S. D. A. Farmers' B. 1409,slightly rev.,78 p. May 1952. 1 Ag84F

ZELLER, J. H. Swine production. U. S. D. A. Farmers' B. 1437,rev.,38 p. 1952. 1 Ag84F

ROBINSON, B. B. Hemp. U. S. D. A. Farmers' B. 1935,slightly rev.,16 p. Apr.1952. 1 Ag84F

SCOTT, C. L. Dresses and aprons for work in the home. U. S. D. A. Farmers' B. 1963,rev.,16 p. 1952. 1 Ag84F

Home and Garden Bulletins

SMITH, M. How to tailor a woman's suit. U. S. D. A. Home & Gard. B. 20,24 p. 1952. 1 Ag84Hg
Formerly Miscellaneous Publication 591.

Leaflets

POOS, F. W. The potato leafhopper [Empoasca fabae] a pest of alfalfa in the Eastern States. U. S. D. A. L. 229,rev.,4 p. Apr.1952. 1 Ag84L

MCINTYRE, A. C. Wood chips for the land. U. S. D. A. L. 323,7 p. June 1952. 1 Ag84L

Technical Bulletins

DAWSON, E. H., and others. Development of rapid methods of soaking and cooking dry beans. U. S. D. A. Tech. B. 1051,53 p. Ref. June 1952. 1 Ag84Te
J. C. Lamb, E. W. Toepfer, and H. W. Warren, joint authors.

GILPIN, G. L., and others. Palatability and nutritive value of home-canned chicken prepared by different methods for processing. U. S. D. A. Tech. B. 1054, 36 p. Ref. July 1952. 1 Ag84Te
E. H. Dawson, E. W. Toepfer, and H. W. Warren, joint authors.

CONVERSE, H. T., and WISEMAN, H. G. Corn silage as the sole roughage for dairy cattle. U. S. D. A. Tech. B. 1057,16 p. Ref. May 1952. 1 Ag84Te

Unnumbered Publications

PEET, H. M. Agricultural program for the Columbia Basin area. Washington?U. S. Dept. Agr.,1952. 7 p. 1.91 A2P34
Talk at meeting of the Pacific Northwest Farm Council, Spokane, Mar. 15, 1952.

U. S. DEPT. OF AGRICULTURE. Index-catalogue of medical and veterinary zoology. 18. Authors: X to ZYUKOV, by A. Hassall, M. A. Doss, and J. M. Humphrey. Washington,1952. p.5609-5711. 1 An5Ind

AGRICULTURAL AND INDUSTRIAL CHEMISTRY, BUREAU OF

U. S. EASTERN REGIONAL RESEARCH LABORATORY. Publications and patents of the Eastern Regional Research Laboratory, July-December 1951. U. S. Bur. Agr. & Indus. Chem. AIC-320(sup.1),14 p. 1952? 1.932 A2Ag82

AGRICULTURAL ECONOMICS, BUREAU OF

JOHNSON, R. E. Prices received by farmers for all milk sold at wholesale to plants and dealers, United States, 1909-51, by States, 1935-1951. U. S. Bur. Agr. Econ. Agr. Prices (sup.2),19 p. May 1952. 1.942 A8M58

U. S. BUR. OF AGRICULTURAL ECONOMICS. Calculation of partial and multiple regression and correlation coefficients, 3 to 5 variables: formulas developed by R. J. Foote. Rev. Washington,1952. 15 p. 1.941 A22C12

U. S. BUR. OF AGRICULTURAL ECONOMICS. Farm production, disposition and income from chickens and eggs, 1945-49, by States and geographic divisions (revised), by E. S. Kimball, P. W. Smith, and R. F. Moore. Washington,1952. 18 p. 1.9 Ec71Fpc

U. S. BUR. OF AGRICULTURAL ECONOMICS. Farm production, disposition, and income from turkeys, 1945-49, by States and geographic divisions (revised), by E. S. Kimball, P. W. Smith, and R. F. Moore. Washington,1952. 7 p. 1.942 D22T84

U. S. BUR. OF AGRICULTURAL ECONOMICS. Livestock slaughter--meat and lard production,1950 and 1951. Washington,1952. 2 p. 1.941 H8L7557

U. S. BUR. OF AGRICULTURAL ECONOMICS. Mint for oil, 1952 acreage for harvest. Portland,Oreg., 1952. 1 p. 1.941 H8M66

U. S. BUR. OF AGRICULTURAL ECONOMICS. Monthly milk production on farms, selected States, 1930-49. Washington,1952. 16 p. 1.941 H2M593

U. S. BUR. OF AGRICULTURAL ECONOMICS. Osage-blue stem [Andropogon] (Flint hills) pasture report, April 1, 1952. Oklahoma City,1952. 2 p. 1.941 S8P26

U. S. BUR. OF AGRICULTURAL ECONOMICS. Pig crop report, June 1952. Washington,1952. 8 p. 1.9 Ec742Pi

U. S. BUR. OF AGRICULTURAL ECONOMICS. Prices received by farmers: base data, effective parity prices, and other legal minimum prices for ceiling purposes under Defense Production Act, as amended, and average prices, United States, May 15,1952. U. S. Bur. Agr. Econ. Agr. Prices (sup.1):31-35. May 1952. 1.942 A8M58

U. S. BUR. OF AGRICULTURAL ECONOMICS. Spice supplies of the United States, 1918-50, by R. D. Butler and L. C. Taylor. Washington,1952. 14 p. 1.941 H2Sp4

U. S. BUR. OF AGRICULTURAL ECONOMICS. Strawberry marketing and related production practices among Negro growers in Louisiana, 1950 season, by F. C. Temple. Washington,1952. 42 p. 1.941 M1St8

AGRICULTURAL RESEARCH ADMINISTRATION

LECLERG, E. L. Proposed legislation dealing with the use of pesticides. Washington,U. S. Agr. Res. Admin.,1951. 6 p. 1.98 L49

Presented at a joint meeting of the American Phytopathological Society and the American Association of Economic Entomologists at Cincinnati, Dec. 10, 1951.

U. S. AGRICULTURAL RESEARCH ADMIN. Report on "Krilium," a new soil conditioner, by R. C. Dawson. Washington?1952. 3 p. 1.98 R298

ANIMAL INDUSTRY, BUREAU OF

CONFERENCE TO DEVELOP A COORDINATED RESEARCH PROGRAM ON "AIR SAC INFECTION" OF BROILERS, WASHINGTON, 1952. Proceedings, Mar. 11-12, 1952. Washington,U. S. Bur. Anim. Indus.,1952. 91 p. 1.972 P2C76

KUTTLER, A. K. Progress report on brucellosis eradication. Washington,U. S. Bur. Anim. Indus., 1952. 9 p. 1.972 A2K96

Presented to the National Brucellosis Committee at its annual meeting, Chicago, May 7 and 8, 1952.

U. S. BUR. OF ANIMAL INDUSTRY. Bibliography on utilization of urea, ammonia and related nonprotein nitrogen compounds in animal feeding. U. S. Bur. Anim. Indus. A. H. D. 143,16 p. May 1952. 1.9 An52Ah

U. S. BUR. OF ANIMAL INDUSTRY. Control sheep keds [Melophagus ovinus]. More meat for defense. Washington,1952. 2 p. 1.972 A2C76

U. S. BUR. OF ANIMAL INDUSTRY. Poultry specialty clubs and national associations. U. S. Bur. Anim. Indus. A. H. D. 18,rev.,3 p. July 1952. 1.9 An52AH

ZELLER, J. H. New Breeds of meat-type hogs developed by research. U. S. Bur. Anim. Indus. A. H. D. 144,5 p. June 1952. 1.9 An52Ah

DAIRY INDUSTRY, BUREAU OF

GRANT, F. M. Stability of goat's milk in frozen storage. U. S. Bur. Dairy Indus. BDI-Inf-136,6 p. May 1952. 1.973 D4B34

HOLM, G. E. Research—the key to progress. U. S. Bur. Dairy Indus. BDI-Inf-135,9 p. Apr.1952. 1.973 D4B34

Address before meeting of the National Dairy Council of Canada, Mar. 19, 1952.

U. S. BUR. OF DAIRY INDUSTRY. Publications of the Bureau of Dairy Industry relating to ice cream. U. S. Bur. Dairy Indus. BDI-Inf-35,rev.,6 p. May 1952. 1.973 D4B34

ENTOMOLOGY AND PLANT QUARANTINE, BUREAU OF

FLEMING, W. E., and MAINES, W. W. Effect of DDT and chlordane applied to control Japanese beetle [Popillia japonica] larvae on the yield of grass, rye, soybeans, and corn. U. S. Bur. Ent. & Plant Quar. E-839, 9 p. June 1952. 1.9 En83

HALL, D. G. Our food supply, wildlife conservation, and agricultural chemicals. Washington,U. S. Bur. Ent. & Plant Quar.,1952. 9 p. 1.967 A2H142

Talk at the first general session, Seventeenth North American Wildlife Conference, Miami, Mar. 17, 1952.

NELSON, R. H. Conversion tables and equivalents for use in work relating to insect control. U. S. Bur. Ent. & Plant Quar. E-517,rev.,21 p. May 1952. 1.9 En83

PHILLIPS, G. L. Methyl bromide fumigation of cottonseed in freight cars for the destruction of pink bollworms [Pectinophora gossypiella]. U. S. Bur. Ent. & Plant Quar. E-838,16 p. June 1952. 1.9 En83

PIQUETT, P. G., and FALES, J. H. Rearing cockroaches for experimental purposes. U. S. Bur. Ent. & Plant Quar. ET-301,12 p. June 1952. 1.9 En83Et

QUESTEL, D. D., and GERTLER, S. I. Laboratory tests of toxicity of some organic compounds to the European corn borer [Pyrausta nubilalis], 1947 to 1952. U. S. Bur. Ent. & Plant Quar. E-840,12 p. July 1952. 1.9 En83

SABROSKY, C. W. The importance of associating reared adults with their immature stages. U. S. Bur. Ent. & Plant Quar. ET-300,2 p. Apr.1952. 1.9 En83Et

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of New Zealand; importation of soil prohibited. U. S. Bur. Ent. & Plant Quar. B.E.P.Q. 581(sup.1),1 p. May 20,1952. 1.9 F73

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of the British Colony of Bermuda; oranges and grapefruit permitted entry. U. S. Bur. Ent. & Plant Quar. B.E.P.Q. 455,rev.,1 p. Apr.29,1952. 1.9 F73

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of the Republic of Costa Rica. U. S. Bur. Ent. & Plant Quar. B.E.P.Q. 596,2 p. Apr.29,1952. 1.9 F73

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of the Republic of Guatemala. U. S. Bur. Ent. & Plant Quar. B.E.P.Q. 597,2 p. Apr.29,1952. 1.9 F73

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Territorial cotton, cottonseed, and cottonseed products. U. S. Bur. Ent. & Plant Quar. B.E.P.Q.-Q. 47,4 p. June 13,1952. 1 F31

Amendments of Hawaiian and Puerto Rican quarantine regulations.

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. White-pine blister rust quarantine. U. S. Bur. Ent. & Plant Quar. B.E.P.Q-Q. 63,4 p. Apr.25,1952. 1 F31

EXPERIMENT STATIONS, OFFICE OF

U. S. OFF. OF EXPERIMENT STATIONS. Report on the agricultural experiment stations, 1951. Washington,1952. 170 p. 1 Ex6

EXTENSION SERVICE

BURCH, J. W. The job of the livestock specialist. Washington,U. S. Ext. Serv.,1951. 5 p. 1.913 A2B89

Talk before the Extension Section of the American Society of Animal Production, Chicago, Nov. 23,1951.

FAMILY LIVING OF FEDERAL EXTENSION STAFF CONFERENCE. WORKSHOP COMMITTEE. Health, by E. J. Niederfrank, ed. Washington,U. S. Ext. Serv.,1952. 2 p. 1.913 R2H34

U. S. EXTENSION SERV. Buying women's street dresses (man-made fibers and cotton), by A. Linn. Washington,1952. 4 p. 1.913 H4B98

U. S. EXTENSION SERV. 4-H food and nutrition reference list, by E. L. Blanchard. Washington,1952. 31 p. 1.913 F3F8224

U. S. EXTENSION SERV. Parent and family life education: a list of extension publications. Washington,1952. 21 p. 1.913 P2P212

U. S. EXTENSION SERV. Summary, county agricultural agent work, Iowa, 1950. Washington,1951. 2 p. 1.913 S2Su625

VAUGHAN, L. M. Exploring the concepts and principles of farm and home planning. Washington,U. S. Ext. Serv.,1952. 6 p. 1.913 E2V46

Summary of comments, Southern Regional Farm and Home Planning Workshop, Edgewater Park, Miss., May 26, 1952.

FARM CREDIT ADMINISTRATION

RATCLIFFE, H. E., BRADFORD, H. W., and SCANLAN, J. J. Costs of handling eggs by selected cooperatives in the North Central States. (Preliminary report). U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Misc. Rpt. 162,47 p. May 1952. 166.3 M68

FEDERAL CROP INSURANCE CORPORATION

U. S. FEDERAL CROP INSURANCE CORPORATION. Wheat sales handbook. Washington,1952. 18 p. 1.952 W563

FOREIGN AGRICULTURAL RELATIONS, OFFICE OF

U. S. OFF. OF FOREIGN AGRICULTURAL RELATIONS. Dictionary of the Cuban tobacco industry. Based primarily on Lexico Tabacalero Cubano, by José E. Perdomo, and including selected additions from other sources, by M. Coult. Washington,1952. 64 p. 1.943 D56

U. S. OFF. OF FOREIGN AGRICULTURAL RELATIONS. Indices of agricultural production: prewar and yearly 1949-50, 1950-51 and 1951-52, southeast and south Asia. Washington,1951. 22 p. 1.943 In25

FOREST SERVICE

BECHTEL, S. C., and NORRIS, C. B. Strength of wood beams of rectangular cross section as affected by span-depth ratio. U. S. Forest Serv. Forest Prod. Lab. Rpt. R1910,19 p. Mar.1952. 1.9 F761R

CORSON, C. W., FOWELLS, H. A., and KURSINSKI, A. E. Here's how; a guide to tree planting in the California pine region. U. S. Forest Serv. Calif. Forest & Range Expt. Sta. Misc. Paper 8,26 p. Mar.17, 1952. 1.9622 C2M68

COSENS, R. D. Reducing logging damage. U. S. Forest Serv. Calif. Forest & Range Expt. Sta. Forest Res. Notes 82,9 p. Feb.21,1952. 1.9 F7626R

DORAN, C. W. Adaptability of plants for reseeding high mountain parks in western Colorado. U. S. Forest Serv. Rocky Mountain Forest & Range Expt. Sta. Res. Notes 10,2 p. Apr.1952. 1.9622 R2R313

GORDON, D. T., and COSENS, R. D. Slash disposal and site preparation in converting old-growth sugar pine-fir forests to regulated stands. U. S. Forest Serv. Calif. Forest & Range Expt. Sta. Forest Res. Notes 81,7 p. Feb.14,1952. 1.9 F7626R

MOHAUPT, A. A., and FREAS, A. D. Effect of different catalysts and amounts of styrene monomer on strength and durability of glass-cloth plastic laminates. U. S. Forest Serv. Forest Prod. Lab. Rpt. 1825,10 p. Mar.1952. 1.9 F761R

TEBBE, C. L. The impact of the national emergency on forest resources. Washington,U. S. Forest Serv.,1951. 9 p. 1.962 A2T222

Paper presented at annual meeting of the Society of American Foresters, Biloxi, Dec. 15, 1951.

TERRELL, B. Z. Distribution of tension wood and its relation to longitudinal shrinkage in aspen [Populus]. U. S. Forest Serv. Forest Prod. Lab. Rpt. R1917,6 p. Feb.1952. 1.9 F761R

U. S. FOREST SERV. Commercial sources of forest tree seed and seedlings. Washington,1951. 8 p. 1.962 C5C73

U. S. FOREST SERV. 1950 forest fire statistics. Washington,1951? 15 p. 1.9 F76Ffs

U. S. FOREST SERV. Publications by Forest Management Research personnel issued in 1950. Washington,1951. 20 p. 1.962 F7P96

U. S. FOREST SERV. Wasatch National Forest, Utah. Washington,1952. 16 p. 1 F76Was

U. S. FOREST SERV. You need trees! 6 lessons in tree planting. Prepared for the Country Women's Council, U.S.A. Washington,1952. various pagings. 1 F76Y

U. S. FOREST SERV. CALIFORNIA REGION. Water vs fire; fighting forest fires with water, 1950, by A. G. Neuns. Washington?1951. 36 p. 1.9621 R5W29

WELLNER, C. A. A vigor classification for mature western white pine [Pinus monticola] trees in the Inland Empire. U. S. Forest Serv. North. Rocky Mountain Forest & Range Expt. Sta. Res. Note 110,3 p. May 1952. 1.9622 N3R31

HUMAN NUTRITION AND HOME ECONOMICS, BUREAU OF

U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. Buying bedspreads, by B. M. Viemont. Washington,1952? 6 p. 1.9 H754B

U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. Two-temperature walk-in refrigerator for the farm. Bill of material. Plan no. 7102. Washington?1952? 6 p. 1.982 A2T932

U. S. Bureau of Plant Industry, Soils, and Agricultural Engineering cooperating.

INFORMATION, OFFICE OF

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Controlling moths and carpet beetles [Anthrenus scrophulariae], by C. Gaddis and B. Crom. Washington,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Electric farming and the wired hand, by R. Shepperd and B. Crom. Washington,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Feed and fiber insect situation, by W. A. Baker, R. W. Harned, and K. M. Gapen. Washington, 1952. 4 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Forewarned is forearmed, by K. Dorward and B. Crom. Washington,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. The inside story of flood control, by K. T. Hutchinson, R. M. Salter, L. F. Watts, and B. Crom. Washington,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. The label tells the story, by W. G. Reed, E. L. Griffin, and R. L. Crom. Washington,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Making the most of milk, by G. E. Holm, E. Phipard, and B. Crom. Washington,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. National Home Demonstration Week, by R. Stephens and M. E. Creswell. Washington,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF OF INFORMATION. Report on the foot-and-mouth disease, by A. K. Mitchell, L. Brewster, and J. Towers. Washington,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Wisconsin PCA'S pay off, by I. W. Duggan, G. Susens, L. E. Jewett, and M. White. Washington,1952. 2 p. 1.914 R2R11

PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, BUREAU OF

KELLOGG, C. E. Using our soils to keep men free. Washington,U. S. Bur. Plant Indus.,Soils & Agr. Engin.,1952. 26 p. 1.965 S6K29

Address before the Agricultural Institute of Canada, Ottawa, June 23, 1952.

U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. Commercial fertilizers; consumption in the United States, 1950-51, by W. Scholl and H. M. Wallace. Beltsville,1952? 10 p. 1.965 F8C73

PRODUCTION AND MARKETING ADMINISTRATION

GEISSLER, G. F. Cotton in the agricultural production program. Washington,U. S. Prod. & Mktg. Admin.,1952. 13 p. 1.42 W52G

Talk before the American Cotton Congress, Houston, June 19, 1952.

PRICHARD, G. L. 1952 cottonseed price support program. Washington,U. S. Prod. & Mktg. Admin.,1952. 8 p. 1.956 F26P93
Address at meeting of the National Cottonseed Products Association, New Orleans, May 19, 1952.

RICHARDS, P. The dairy situation in the next decade. Washington,U. S. Prod. & Mktg. Admin.,1952. 8 p. 1.956 A2R39
Talk at meeting of the National Cheese Institute, Chicago, Apr. 30, 1952.

SMITH, S. R. Should growers and shippers be interested in better retailing. Washington, U. S. Prod. & Mktg. Admin.,1952. 5 p. 1.9422 A2Sm6
Remarks before the United Fresh Fruit and Vegetable Association at Cleveland, Jan. 31, 1952.

U. S. PRODUCTION AND MARKETING ADMIN. Agricultural conservation program; maps 1949. Washington,1951. 57 p. 1.956 F45Ag8

U. S. PRODUCTION AND MARKETING ADMIN. American Egyptian grade standards meeting of 1951. Washington,1951. 18 p. 1.956 C82Am32

U. S. PRODUCTION AND MARKETING ADMIN. Annual Midwest Area School Lunch Direct Distribution Conference, Oct. 17-19, 1951. Chicago,1951? 5 p. 1.956 F732An7

U. S. PRODUCTION AND MARKETING ADMIN. CCC price support statistical handbook. Washington,1952. 72 p. 1.956 A2C7326

U. S. PRODUCTION AND MARKETING ADMIN. Oregon agricultural conservation and related programs; statistical summary 1950. Portland,1951? 65 p. 1.956 F45Ag82

U. S. PRODUCTION AND MARKETING ADMIN. Parity handbook. Washington,1952. 40 p. 1.956 P93P21

U. S. PRODUCTION AND MARKETING ADMIN. Supply and distribution of linters by chemical and mechanical qualities and uses. Washington,1951? 1 p. 1.956 C82Su72

U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of processed fruits and vegetables (canned, dried, and frozen). Washington, 1952. 3 p. 1.9422 Fr5Un3

U. S. PRODUCTION AND MARKETING ADMIN. U. S. standards for raspberries for processing. Washington,1952. 3 p. 1.956 A2Un3242

U. S. PRODUCTION AND MARKETING ADMIN. LOUISIANA STATE PMA OFF. Statistical summary, 1950; Louisiana P M A programs. Baton Rouge,1951. unpaged. 1.956 A2L932

RURAL ELECTRIFICATION ADMINISTRATION

U. S. RURAL ELECTRIFICATION ADMIN. Electric farming campaign: what it is all about. Washington,1952. 2 p. 1.933 EL243

SECRETARY, OFFICE OF

BENNETT, H. H. Soil conservation in the Americas. Washington,U. S. D. A., Off. Sec.,1952. 8 p. 1.96 Ad62
Talk at the First Inter-American Commerce and Industry Conference, Houston, Apr. 24, 1952.

BRANNAN, C. F. The bulwark of freedom. Washington,U. S. D. A.,Off. Sec.,1952. 12 p. 1.91 A2B73
Talk at meeting of the Southeastern Peanut Association, Atlanta, June 9, 1952.

MCCORMICK, C. J. An age of challenge. Washington,U. S. D. A.,Off. Sec.,1952. 15 p. 1.91 A2M132
Talk at State PMA Conference, Frankenmuth, Mich., June 5, 1952.

MCCORMICK, C. J. Our goal is peace. Washington,U. S. D. A.,Off. Sec.,1952. 9 p. 1.91 A2M132
Talk at Convention of Woman's National Farm and Garden Association, Washington, D. C., May 13, 1952.

MCCORMICK, C. J. Our greatest opportunity. Washington,U. S. D. A.,Off. Sec.,1952. 10 p. 1.91 A2M132
Talk at meeting of Columbia Basin Field Committee, Portland, May 21, 1952.

MCCORMICK, C. J. Power and the challenge. Washington,U. S. D. A.,Off. Sec.,1952. 9 p. 1.91 A2M132
Talk at REA Field Conference, Old Point Comfort, Va., June 11, 1952.

MINOR, W. A. Our job in fertilizer utilization. Washington,U. S. D. A.,Off. Sec.,1952. 10 p. 1.91 A2M66
Talk at Conference of the American Plant Food Council, Hot Springs, Va., June 21, 1952.

SHAW, B. T. The job ahead. Washington,U. S. Agr. Res. Admin.,1952. 6 p. 1.98 Sh2
Talk before American Plant Food Council, Inc., Hot Springs, Va., June 21, 1952.

U. S. DEPT. OF AGRICULTURE. OFF. OF THE SECRETARY. Background information regarding watershed programs of the USDA. Washington,1952. 6 p. 1.91 A2B12

U. S. DEPT. OF AGRICULTURE. OFF. OF THE SECRETARY. Report of the Secretary of Agriculture, 1951. Washington,1952. 38 p. 1 Ag84

SOIL CONSERVATION SERVICE

BROWN, C. B. Watershed treatment program of the Soil Conservation Service. Washington,U. S. Soil Conserv. Serv.,1952. 8 p. 1.96 Ad6Br
Paper at Seventh Midwestern States Flood Control Conference, Kenlake State Park, Ky., May 28-29, 1952.

BROWN, G. F. Grass - the romantic tool of conservation. Washington,U. S. Soil Conserv. Serv.,1952. 12 p. 1.96 Ad6Bro
Talk at meeting of the American Seed Trade Association, Chicago, Jan. 24, 1952.

RESEARCH-OPERATIONS TECHNICAL CONFERENCE, LINCOLN, 1952. Summary of papers presented, Jan. 14-18, 1952. Vegetation and soil management for conservation. Lincoln,U. S. Soil Conserv. Serv.,1952. 89 p. 1.9607 Su62

U. S. SOIL CONSERVATION SERV. Growth of conservation districts and additions; national totals by fiscal years, 1944 to 1951, inclusive. Washington?1951. 1 p. 1.96 Ad6Grow

U. S. SOIL CONSERVATION SERV. PACIFIC REGION. Annual report, 1951. Portland?1952? 6 p. 1.9609 An73

U. S. SOIL CONSERVATION SERV. SOUTHWEST REGION. Annual report fiscal year 1951. Albuquerque,1951? 21 p. 1.9608 An7

STATE AGRICULTURAL EXPERIMENT STATION PUBLICATIONS

Includes State Agricultural Experiment Station publications received in the library during the preceding month.

Publications issued by the State Agricultural Experiment Stations are not available from the U. S. Department of Agriculture but are often available from the publishing experiment station.

Material not available from the various State institutions may be obtained in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

California Agricultural Experiment Station, Berkeley

TINLEY, J. M. Economic factors affecting the sugar beet industry. Calif. Agr. Expt. Sta. C. 413,24 p. May 1952. 100 C12S

CALIFORNIA agriculture 6(6),16 p. June 1952. 100 C12Cag

Colorado Agricultural Experiment Station, Fort Collins

VOELKER, S. W. Land-use ordinances of Soil Conservation Districts in Colorado. Colo. Agr. Expt. Sta. Tech. B. 45,55 p. Mar.1952. 100 C71S

Connecticut (State) Agricultural Experiment Station, New Haven

FISHER, H. J. The 55th report on food products and the 43rd report on drug products, 1950. Conn. (State) Agr. Expt. Sta. B. 558,78 p. May 1952. 100 C76St

Connecticut (Storrs) Agricultural Experiment Station, Storrs

LANDAUER, W. The hatchability of chicken eggs as influenced by environment and heredity. Conn. (Storrs) Agr. Expt. Sta. B. 262,rev.,223 p. Ref. Dec. 1951. 100 C76S

MORGAN, M. E., and others. Chemical, bacteriological and organoleptic characteristics of retail cottage cheese. Conn. (Storrs) Agr. Expt. Sta. B. 284,23 p Ref. Jan.1952. 100 C76S

E. C. Anderson, L. Hankin, L. R. Dowd, and M. J. Foter, joint authors.

FELLOWS, I. F., FRICK, G. E., and WEEKS, S. B. Production efficiency on New England dairy farms. 2. Economies of scale in dairying—an exploration in farm management research methodology. Conn. (Storrs) Agr. Expt. Sta. B. 285,47 p. Feb.1952. 100 C76S

BURNIGHT, R. G., and others. Turn-over of regular hired workers on Connecticut dairy farms, 1950-1952. (A preliminary report). Conn. (Storrs) Agr. Expt. Sta. Inf-41,23 p. May 1952. 100 C76I

W. C. McKain, Jr., P. L. Putnam, L. J. Ducoff, and M. J. Hagood, joint authors.

U. S. Bureau of Agricultural Economics cooperating.

Georgia Agricultural Experiment Station, Experiment

HARRIS, J. T. Livestock marketing in Georgia. Ga. Agr. Expt. Sta. B. 271,67 p. Oct.1951. 100 G29S

HAMILTON, J. R., and DIXON, R. D. Preservation of fence posts by the cold-soak method. Ga. Agr. Expt. Sta. C. 169,17 p. Oct.1951. 100 G29S

BOYLE, L. W. The nematode problem in home gardens. Ga. Agr. Expt. Sta. Press B. 635,3 p. Mar. 1952. 100 G29P

SHELOR, E., and WOODROOF, J. G. Sweet corn is excellent for freezing. Ga. Agr. Expt. Sta. Press B. 636,2 p. Apr.1952. 100 G29P

HAWKINS, B. S. Seed treatment, seed quality, and rate of seeding of cotton. Ga. Agr. Expt. Sta. Press B. 637,2 p. Mar.31,1952. 100 G29P

BECKHAM, C. M., and DUPREE, M. A report on boll weevil [Anthonomus grandis] hibernation in Georgia during 1951-52. Ga. Agr. Expt. Sta. Press B. 638,3 p. Apr.1,1952. 100 G29P

Hawaii Agricultural Experiment Station, Honolulu

ROSENBERG, M. M., and TANAKA, T. Poultry management studies III. A comparison of single-comb White Leghorns reared and maintained on litter and wire floors. Hawaii. Agr. Expt. Sta. B. 107,19 p. Ref. June 1952. 100 H313

HAMILTON, R. A., STOREY, W. B., and FUKUNAGA, E. T. Two new macadamia nut varieties and an appraisal of the H.A.E.S. named varieties. Hawaii. Agr. Expt. Sta. C. 36,5 p. May 1952. 100 H313

FEDER, W. A. Yellow bud blight, a disease of Vanda Joaquim [orchids] in Hawaii. Hawaii. Agr. Expt. Sta. Prog. Notes 62,5 p. Jan.1951. 100 H313P

MITCHELL, W. C., and SHERMAN, M. Chemical control of a leaf miner (Liriomyza hawaiiensis Frick) and the tomato fruitworm (Heliothis armigera Hubner) on tomatoes. Hawaii. Agr. Expt. Sta. Prog. Notes 75,6 p. Apr.1952. 100 H313P

ROSENBERG, M. M. A comparison of daughters from two sires mated to the same dams. Hawaii. Agr. Expt. Sta. Prog. Notes 76,6 p. Apr.1952. 100 H313P

DUERNBERGER, G. W., and SHAW, T. New papaya products. Hawaii. Agr. Expt. Sta. Prog. Notes 77,3 p. Apr.1952. 100 H313P

KAMEMOTO, H., and NAKASONE, H. 1951 Chrysanthemum variety trial. Hawaii. Agr. Expt. Sta. Prog. Notes 79,8 p. May 1952. 100 H313P

HENKE, L. A., and MORITA, K. Can the costs of raising dairy calves in Hawaii be reduced by the use of milk substitutes? Hawaii. Agr. Expt. Sta. Prog. Notes 80,7 p. May 1952. 100 H313P

CHU, A. C., and SHERMAN, G. D. Differential fixation of phosphate by typical soils of the Hawaiian great soil groups. Hawaii. Agr. Expt. Sta. Tech. B. 16, 20 p. Ref. June 1952. 100 H313T

Idaho Agricultural Experiment Station, Moscow

JENSEN, M. C., LEWIS, G. C., and BAKER, G. O. Characteristics of irrigation waters in Idaho. Idaho. Agr. Expt. Sta. Res. B. 19,44 p. Feb.1951. 100 Id1

Indiana Agricultural Experiment Station, Lafayette

ROTHBAUER, T. C., WOOD, G. B., and MARTIN, J. H. Poultry and egg truck routes in Indiana. Ind. Agr. Expt. Sta. B. 571,31 p. Jan.1952. 100 In2P

Iowa Agricultural Experiment Station, Ames

WILSIE, C. P. Alfalfa varieties for Iowa. Iowa. Agr. Expt. Sta. B. P111:737-756. Dec.1951. 100 Io9

ROBINSON, J. L., and HUTCHCROFT, C. D. Iowa corn yield test, 1951. Iowa. Agr. Expt. Sta. B. P112:757-812. Feb.1952. 100 Io9

QUAIFE, E. L. Pig production; feeding and management of the brood sow and litter. Iowa. Agr. Expt. Sta. B. P113:813-831. Feb.1952. 100 Io9

LOWE, B., and others. Defrosting and cooking frozen meat; the effect of method of defrosting and of the manner and temperature of cooking upon weight loss and palatability. Iowa. Agr. Expt. Sta. Res. B. 385:511-632. Ref. Apr.1952. 100 Io9

E. Crain, G. Amick, M. Riedesel, L. J. Peet, F. B. Smith, B. R. McClurg, and P. S. Shearer, joint authors.

HEADY, E. O., and KEHRBERG, E. W. Relationship of crop-share and cash leasing systems to farming efficiency. Iowa. Agr. Expt. Sta. Res. B. 386: 633-683. May 1952. 100 Io9

ALTMAN, L. B., JR., PHILSON, K., and BURESH, E. J. Demand and diversity of use of electricity on 16 farms in the eastern livestock area of Iowa. Iowa. Agr. Expt. Sta. Res. B. 387:683-745. May 1952. 100 Io9

HEADY, E. O., and SWANSON, E. R. Resource productivity in Iowa farming with special reference to uncertainty and capital use in southern Iowa. Iowa. Agr. Expt. Sta. Res. B. 388:746-784. June 1952. 100 Io9

IOWA. AGRICULTURAL EXPERIMENT STATION. New findings for farm folk; a report of the Iowa Agricultural Experiment Station for the two years July 1, 1949 to June 30, 1951. I. Ames,1952. 73 p. 100 Io9

Kansas Agricultural Experiment Station, Manhattan

KANSAS. AGRICULTURAL EXPERIMENT STATION. 39th annual livestock feeders' day. Kans. Agr. Expt. Sta. C. 283,60 p. May 3,1952. 100 K13S

CLAPP, A. L. Cooperative sorghum variety tests, 1951. Kans. Agr. Expt. Sta. Agron. Dept. Rpt. Prog. Ser. C. E. 28,4 p. 1951? 100 K13Rs

Maine Agricultural Experiment Station, Orono

TREVETT, M. F. Control of woody weeds in low bush blueberry fields. Maine. Agr. Expt. Sta. B. 499, 23 p. May 1952. 100 M28S

LATHROP, F. H. Fighting the blueberry fruit fly [Rhagoletis pomonella] in Maine. Maine. Agr. Expt. Sta. B. 500,34 p. Ref. May 1952. 100 M28S

Massachusetts Agricultural Experiment Station, Amherst

CROSS, C. E. Weeds of the Massachusetts cranberry bogs. I. The grasses. Mass. Agr. Expt. Sta. B. 463,55 p. Apr.1952. 100 M38H

LABBEE, M., ESSELEN, W. B., JR., and FELLERS, C. R. Home-canning jars for freezing. Mass. Agr. Expt. Sta. B. 465,27 p. Ref. June 1952. 100 M38H

COX, E. F. Meteorological observations for April 1952. Mass. Agr. Expt. Sta. Met. Ser. B. 760,4 p. Apr.1952. 100 M38H

Michigan Agricultural Experiment Station, East Lansing

QUARTERLY bulletin 34:339-483. May 1952. 100 M58

Minnesota Agricultural Experiment Station, University Farm, St. Paul

COOK, H. L., and others. Butter pricing and marketing at country points in the North Central region. Minn. Agr. Expt. Sta. Tech. B. 203,59 p. June 1952. 100 M66

P. L. Kelley, E. F. Koller, and A. H. Miller, joint authors.

MINNESOTA. AGRICULTURAL EXPERIMENT STATION. ADVISORY COMMITTEE ON WEED CONTROL Weed control in Minnesota, by R. S. Dunham, R. E. Nylund, and R. F. Crim. St. Paul,1951? 13 p. 79.9 M66

MINNESOTA farm and home science 9(3),16 p. May 1952. 100 M668

Mississippi Agricultural Experiment Station, State College

ROGERS, G. E., and VANDERFORD, H. B. Bolivar County soils. Miss. Agr. Expt. Sta. B. 489,34 p. Mar.1952. 100 M69

TRAMEL, T. E., and PARVIN, D. W. Winter dairying vs. summer dairying, grade A producers south Mississippi. Miss. Agr. Expt. Sta. C. 166,14 p. Nov. 1951. 100 M69

SHEETS, O. The effect of growing conditions on the nutritive value of green vegetables. Miss. Agr. Expt. Sta. C. 173,11 p. May 1952. 100 M69

MISSISSIPPI farm research 15(5),8 p. May 1952. 100 M69Mi

Missouri Agricultural Experiment Station, Columbia

KIRTLEY, M. B., and ERWIN, C. C. Marketing dairy products in southwest Missouri. Mo. Agr. Expt. Sta. B. 567,36 p. Feb.1952. 100 M693

HEMPHILL, D. D., MURNEEK, A. E., and SMITH, J. E., JR. Chemical weed control in horticultural crops. Mo. Agr. Expt. Sta. B. 568,28 p. Mar.1952. 100 M693

POEHLMAN, J. M. B-400, a new, early variety of winter barley for Missouri. Mo. Agr. Expt. Sta. B. 569,12 p. Feb.1952. 100 M693

ZUBER, M. S. 1951 yield trials with corn hybrids in Missouri. Mo. Agr. Expt. Sta. B. 570,23 p. Mar.1952. 100 M693

COBBLE, J. W., and HERMAN, H. A. The influence of environmental temperatures on the composition of milk of the dairy cow. Mo. Agr. Expt. Sta. Res. B. 485,50 p. Ref. Nov.1951. 100 M693

REAVES, C. A., and STEWART, R. E. Some tests of jacketed space heaters for heating small farm dwellings. Mo. Agr. Expt. Sta. Res. B. 486,40 p. Ref. Nov.1951. 100 M693

FEASTER, C. V. Bacterial pustule disease in soybean: artificial inoculation, varietal resistance, and inheritance of resistance. Mo. Agr. Expt. Sta. Res. B. 487,26 p. Ref. Nov.1951. 100 M693

Montana Agricultural Experiment Station, Bozeman

GRAY, J. R., and BAKER, C. B. Commercial family-operated sheep ranches range livestock area, Northern Great Plains, 1930-50; organization, production practices, costs, and returns. Mont. Agr. Expt. Sta. B. 478,94 p. Ref. Nov.1951. 100 M76

KNAPP, B., JR., CHURCH, R. C., and FLOWER, A. E. Genetic history of the Line 1 Hereford cattle at the United States Range Livestock Experiment Station, Miles City, Montana. Mont. Agr. Expt. Sta. B. 479,27 p. Ref. Nov.1951. 100 M76

BROWN, C. J. D., and THORESON, N. A. Ranch fish ponds in Montana; their construction and management. Mont. Agr. Expt. Sta. B. 480,30 p. Dec. 1951. 100 M76

GRAY, J. R., and BAKER, C. B. Sheep ranching in the Northern Great Plains; a summary of organization, costs, and returns of an average size family-operated sheep ranch. 1930-50. Mont. Agr. Expt. Sta. C. 196,19 p. Nov.1951. 100 M76

Nebraska Agricultural Experiment Station, Lincoln

SMITH, C. W., YUNG, F. D., and HURLBUT, L. W. Petter AVA2 Diesel engine. Nebr. Agr. Expt. Sta. Nebr. Engine Test 1,2 p. 1951. 58.9 N272

SMITH, C. W., YUNG, F. D., and HURLBUT, L. W. Petter AV2 Diesel engine. Nebr. Agr. Expt. Sta. Nebr. Engine Test 2,2 p. 1951. 58.9 N272

NEBRASKA. AGRICULTURAL EXPERIMENT STATION. 65th annual report, 1951. Lincoln,1952. 24 p. 100 N27

Nevada Agricultural Experiment Station, Reno

ROBERTSON, J. H. Forage grasses for hay and pasture. I. Smooth brome varieties [Bromus inermis]. Nev. Agr. Expt. Sta. C. 1,5 p. Apr.1952. 100 N41S

New Hampshire Agricultural Experiment Station, Durham

WOODWORTH, H. C. Progress report on harvesting and marketing cucumbers for pickles under contract. N. H. Agr. Expt. Sta. Agr. Econ. Res. Mimeog. 8,18 p. Jan.1951. 281.9 N452

BOWRING, J. R. Potato quality at the retail level in New Hampshire. N. H. Agr. Expt. Sta. Agr. Econ. Res. Mimeog. 9,3 p. Feb.1951. 281.9 N452

New Jersey Agricultural Experiment Station, New Brunswick

FILMER, R. S., and DOEHLERT, C. A. Use of honeybees in cranberry bogs. N. J. Agr. Expt. Sta. B. 764,4 p. May 1952. 100 N46S

New Mexico Agricultural Experiment Station, State College

PAUR, S. Four native New Mexico plants of promise as oilseed crops. N. Mex. Agr. Expt. Sta. Press B. 1064,7 p. May 1952. 100 N465

New York (Cornell) Agricultural Experiment Station, Ithaca

HAY, D. G., and LARSON, O. F. Medical and health care resources available in Livingston County, New York, 1950. N. Y. (Cornell) Agr. Expt. Sta. Dept. Rur. Sociol. Mimeog. B. 30,43 p. Feb.1952. 100 N48Cm

New York (State) Agricultural Experiment Station, Geneva

HOWE, W. L., SCHROEDER, W. T., and SWENSON, K. G. Seed treatment for control of seed-corn maggot [Hylemya cilicrura] and seed decay organisms. N. Y. (State) Agr. Expt. Sta. B. 752,34 p. Mar.1952. 100 N48

North Dakota Agricultural Experiment Station, State College Station, Fargo

CAMPBELL, A. M., and EVELETH, D. F. Frozen meats; factors influencing their keeping qualities. N. Dak. Agr. Expt. Sta. B. 364,15 p. Apr.1951. 100 N813

EVELETH, D. F., and others. Poultry diseases of North Dakota. N. Dak. Agr. Expt. Sta. B. 366, 43 p. May 1951. 100 N813

A. I. Goldsby, F. M. Bolin, N. Edhlund, and P. Rheault, joint authors.

NORTH DAKOTA. AGRICULTURAL EXPERIMENT STATION. Agricultural progress through research; annual report, 1950/51. N. Dak. Agr. Expt. Sta. B. 371,103 p. Jan.1952. 100 N813

DAVIS, S., EVANS, N. A., and HAZEN, A. G. Estimates of irrigation water requirements for crops in North Dakota. N. Dak. Agr. Expt. Sta. B. 377,18 p. May 1952. 100 N813

BIMONTHLY bulletin 14:169-211. May/June 1952. 100 N813B

Ohio Agricultural Experiment Station, Wooster

CRAY, R. E. The efficiency and cost of collecting eggs from farms in Ohio. Ohio. Agr. Expt. Sta. Res. B. 721,19 p. June 1952. 100 Oh3S

OHIO farm and home research 37:33-48. May/June 1952. 100 Oh3S

Oklahoma Agricultural Experiment Station, Stillwater

HARLAN, J. R., and ELDER, W. C. Establishment of grasses and legumes. Okla. Agr. Expt. Sta. Forage Crops L. 1,2 p. Jan.1952. 60.9 Ok4

HARLAN, J. R., ELDER, W. C., and CHESSMORE, R. A. Seeding rates of grasses and legumes. Okla. Agr. Expt. Sta. Forage Crops L. 2,2 p. Jan.1952. 60.9 Ok4

HARLAN, J. R., ELDER, W. C., and CHESSMORE, R. A. Forage crops recommended in Oklahoma. Okla. Agr. Expt. Sta. Forage Crops L. 3,2 p. Jan.1952. 60.9 Ok4

OKLAHOMA. AGRICULTURAL EXPERIMENT STATION. DEPT. OF AGRONOMY. The Southeastern Soil Improvement Station, Heavener; summary of results field day June 6, 1952. Okla. Agr. Expt. Sta. Mimeog. C. M-235,25 p. June 1952. 100 Ok4M

OKLAHOMA. AGRICULTURAL EXPERIMENT STATION. Progress report for 1952, Oklahoma Vegetable Research Station. Okla. Agr. Expt. Sta. Mimeog. C. M-236,8 p. June 1952. 100 Ok4M

LONG, R. A., and others. Blood composition of normal beef cattle. Okla. Agr. Expt. Sta. Tech. B. T-43,16 p. Apr.1952. 100 Ok4

W. A. VanArsdell, R. MacVicar, and O. B. Ross, joint authors.

JONES, M. D., and SIEGLINGER, J. B. Effect of the waxy gene on grain yields of sorghum. Okla. Agr. Expt. Sta. Tech. B. T-44,15 p. Ref. May 1952. 100 Ok4

CURRENT farm economics 25:17-36. Apr. 1952. 100 Ok4

Oregon Agricultural Experiment Station, Corvallis

BROWN, E. Control of western peach tree borer [Sanninoidea exitiosa grafei] in northeastern Oregon. Oreg. Agr. Expt. Sta. B. 513,18 p. Apr.1952. 100 Or3

POTTER, E. L. The marketing of Oregon livestock. Oreg. Agr. Expt. Sta. B. 514,39 p. Apr.1952. 100 Or3

ROWE, G. A. Changes in milk utilization (Portland milkshed, 1940-50). Oreg. Agr. Expt. Sta. C. Inform. 512,12 p. June 1952. 100 Or3C

BECKER, M. H. Broiler production costs in Oregon; a preliminary survey on 17 Willamette Valley farms, 1952. Oreg. Agr. Expt. Sta. C. Inform. 513,5 p. June 1952. 100 Or3C

OREGON. AGRICULTURAL EXPERIMENT STATION. Soil and water conservation and use. Oreg. Agr. Expt. Sta. Oreg. Agr. 9,75 p. Mar.1952. 100 Or3O

Pennsylvania Agricultural Experiment Station, State College

PENNSYLVANIA. AGRICULTURAL EXPERIMENT STATION. Science for the farmer: supplement 3 to the 64th annual report. Pa. Agr. Expt. Sta. B. 540(sup. 3),11 p. June 1952. 100 P381

MEYER, H. A., and NELSON, F. B. Accuracy of forest growth determination based on the measurement of increment cores. Pa. Agr. Expt. Sta. B. 547,25 p. Mar.1952. 100 P381

ODLAND, M. L., and NOLL, C. J. Vegetable variety trials, 1951. Pa. Agr. Expt. Sta. Prog. Rpt. 67, 12 p. Mar.1952. 100 P381P

THOMAS, F. B. Delaying decay of fruits after harvest. Pa. Agr. Expt. Sta. Prog. Rpt. 70,4 p. May 1952. 100 P381P

BRAMBLE, W. C., and WORLEY, D. P. Control of black locust [Robinia pseudoacacia] with chemical sprays. Pa. Agr. Expt. Sta. Prog. Rpt. 72,5 p. May 1952. 100 P381P

MOWERY, A. S., SHAFFNER, C. S., and HENNING, W. L. Construction of lamb brooders for use with infrared lamps. Pa. Agr. Expt. Sta. Prog. Rpt. 74,4 p. May 1952. 100 P381P

NEARN, W. T., and KERSTETER, A. Table top wood treating plant. Pa. Agr. Expt. Sta. Prog. Rpt. 75,4 p. May 1952. 100 P381P

WHITMAN, L. B., and MATHER, W. G. The rural churches of four Pennsylvania counties. Pa. Agr. Expt. Sta. Prog. Rpt. 76,unpaged. June 1952. 100 P381P

WARNER, E., and PIERCE, C. W. Court decisions relating to Pennsylvania milk control. Pa. Agr. Expt. Sta. Prog. Rpt. 78,28 p. May 1952. 100 P381P

Rhode Island Agricultural Experiment Station, Kingston

RESEARCH 2:37-55. Spring 1952. 100 R34R

South Dakota Agricultural Experiment Station, Brookings

SOUTH Dakota farm and home research 3:47-77. Spring 1952. 100 So82S

Tennessee Agricultural Experiment Station Knoxville

TENNESSEE. AGRICULTURAL EXPERIMENT STATION. Extra dollars for Tennessee from agricultural research. Tenn. Agr. Expt. Sta. B. 225,12 p. June 1952. 100 T25S

TENNESSEE. AGRICULTURAL EXPERIMENT STATION. Sixty-third annual report, 1950. Knoxville, 1951? 149 p. 100 T25S

Texas Agricultural Experiment Station, College Station

ROGERS, J. S., and COLLIER, J. W. Corn production in Texas. Tex. Agr. Expt. Sta. B. 746,74 p. Feb.1952. 100 T31S

COOK, E. D., and BATES, R. P. Corn production at Kirbyville and Cleveland, 1950-51. Tex. Agr. Expt. Sta. Prog. Rpt. 1459,6 p. May 1,1952. 100 T31P

BLOODWORTH, M. E., BURLESON, C. A., and COWLEY, W. R. A multi-purpose spray unit. Tex. Agr. Expt. Sta. Prog. Rpt. 1460,5 p. May 3,1952. 100 T31P

RIHERD, P. T., and CHADA, H. L. Some scale insects attacking grasses in Texas. Tex. Agr. Expt. Sta. Prog. Rpt. 1461,5 p. May 10,1952. 100 T31P

MCCULLY, W. G., TYNAN, J. A., and PERRY, B. A. Reaction of white brush [Aloysia ligustrina] to growth-regulator herbicides. Tex. Agr. Expt. Sta. Prog. Rpt. 1462,3 p. May 12,1952. 100 T31P

NEAL, E. M., HALL, R. A., and JONES, J. H. Year-round farm beef production, Beeville Station, 1950-51. Tex. Agr. Expt. Sta. Prog. Rpt. 1463,4 p. May 23, 1952. 100 T31P

FISHER, C. E., and others. Mesquite control, cooperative ranch tests, 1950-51. Tex. Agr. Expt. Sta. Prog. Rpt. 1465,10 p. May 27,1952. 100 T31P
W. M. Phillips, C. H. Meadors, Jr., R. A. Darrow, and W. G. McCully, joint authors.

Utah Agricultural Experiment Station, Logan

KNOWLTON, G. F., and TAYLOR, G. P. Beetles-Coleoptera; records and notes, largely from Utah. Utah. Agr. Expt. Sta. Mimeog. Ser. 389,32 p. July 1952. 100 Ut1Mi

Vermont Agricultural Experiment Station, Burlington

STORY, R. P. The trend in Vermont apple prices and grower marketing costs for 1947. Vt. Agr. Expt. Sta. Misc. P. 2,42 p. Feb.1951. 100 V59M

NEWLANDER, J. A., RIDDELL, W. H., and FITZSIMMONS, R. Making and feeding grass silage in Vermont. Vt. Agr. Expt. Sta. Pam. 26,7 p. May 1952. 100 V59P

NEWLANDER, J. A., and RIDDELL, W. H. Do dairy cattle need mineral supplements? Vt. Agr. Expt. Sta. Pam. 25,4 p. May 1952. 100 V59P

KINSMAN, D. M., and RIDDELL, W. H. Sheep in Vermont. Vt. Agr. Expt. Sta. Pam. 27,8 p. June 1952. 100 V59P

Virginia Agricultural Experiment Station, Blacksburg

VIRGINIA. AGRICULTURAL EXPERIMENT STATION, BLACKSBURG. Statistical methods for sensory difference tests of food quality; bi-annual reports No. 2-3, by R. A. Bradley and M. E. Terry. Blacksburg,1951. 2 v. 389.9 V81

Washington Agricultural Experiment Station, Pullman

LANDIS, P. H. The people of Washington, 1890-1950; a study of rural trends, age and sex composition, vital traits, and migration. Wash. Agr. Expt. Sta. B. 535,35 p. June 1952. 100 W27E

ELKINTON, C. M., and HOOBLER, S. Q. Hop situation and outlook. Wash. Agr. Expt. Sta. C. 189,8 p. 1951? 100 W27S

BATCHELOR, G. S. The eriophyid mites of the State of Washington. Wash. Agr. Expt. Sta. Tech. B. 6,32 p. Ref. Apr.1952. 100 W27T

West Virginia Agricultural Experiment Station, Morgantown

CHALMERS, F. W., LAWLESS, J. J., and STREGEVSKY, S. Nutrition survey of West Virginia University students. W. Va. Agr. Expt. Sta. B. 352,21 p. June 1952. 100 W52

DUGAN, R. F. Farm fish ponds in West Virginia. W. Va. Agr. Expt. Sta. C. 84,35 p. Apr.1952. 100 W52

Wyoming Agricultural Experiment Station, Laramie

BEETLE, A. A. Wheatgrasses [Agropyron] of Wyoming. Wyo. Agr. Expt. Sta. B. 312,27 p. Ref. Apr.1952. 100 W99

BARNES, O. K., LANG, R. L., and BEETLE, A. A. Grass establishment on Wyoming dryland. Wyo. Agr. Expt. Sta. B. 314,24 p. Ref. May 1952. 100 W99

STATE AGRICULTURAL EXTENSION SERVICE PUBLICATIONS

Includes State Agricultural Extension Service publications received in the library during the preceding month.

Publications issued by the State Agricultural Extension Services are not available from the U. S. Department of Agriculture but are often available from the publishing extension service.

Material not available from the various State institutions may be obtained in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction

CALIFORNIA University, College of Agriculture, Agricultural Extension Service, Berkeley

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Avocado management in 1951, San Diego County, by W. Sullivan. Berkeley?1951? 7 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Fourth annual report, Tulare County poultry management study, 1951, by B. B. Burlingame and W. F. Rooney. Berkeley?1951. 7 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Second annual report of the Santa Clara County walnut management study for 1951; a study of practices and costs in 15 orchards, by A. Shultis and G. D. Worswick. Berkeley?1952. 8 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Sonoma County poultry egg production and management study, by A. Shultis and V. Stratton. Berkeley?1952. 9 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Twenty fourth annual Sacramento poultry management study, 1951, by E. R. Temperli, A. D. Reed, and G. W. Morehead. Berkeley?1952. 12 p. 275.29 C12En

UPCHURCH, M. L., and BROWN, T. S. Land, livestock and deer in the Milford-Doyle area of northeastern California. Susanville,Calif.,Off. Farm. Adv., Agr. Ext. Serv.,1951. 32 p. 275.2 C122
Joint report by the U. S. Bureau of Agricultural Economics and the Lassen County Agricultural Extension Service.

FLORIDA University, College of Agriculture, Agricultural Extension Service, Gainesville

WATKINS, J. V. Propagation of ornamental plants. Fla. Agr. Col. Ext. B. 150,56 p. Apr.1952. 275.29 F66

FLORIDA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 1951 report Florida Agricultural Extension Service. Gainesville,1951? 77 p. 275.29 F66A

HAWAII University, Agricultural Extension Service, Honolulu

RADA, E. L., and ROTHWELL, M. L., eds. First Floral Clinic Proceedings, August 9-10, 1951. Hawaii. U. Agr. Ext. Agr. Econ. Rpt. 8,113 p. 1951. 275.29 H312Ae
Floral associations of Hawaii cooperating.

RADA, E. L. Mainland markets for Hawaiian flowers and foliage. Hawaii. U. Agr. Ext. Agr. Econ. Rpt. 9,163 p. Feb.1952. 275.29 H312Ae

IDAHO University, College of Agriculture, Extension Service, Moscow

IDAHO. UNIVERSITY. COLLEGE OF AGRICULTURE. EXTENSION SERV. Irrigated pastures for Idaho farms. Idaho. Agr. Col. Ext. B. 190,18 p. Mar. 1952. 275.29 Id13

ILLINOIS University, College of Agriculture, Extension Service, Urbana

GARDNER, K. E. Feeding cows on spring pasture. Ill. Agr. Col. Ext. D623,3 p. Apr.10,1951. 275.29 IL62Pda

GARDNER, K. E. A simplified calf starter for dairy calves. Ill. Agr. Col. Ext. D632,4 p. Apr.18,1952. 275.29 IL62Pda

CASH, J. G., HARSHBARGER, K. E., and GARDNER, K. E. A survey of stack silage in Illinois. Ill. Agr. Col. Ext. D633,6 p. May 5,1952. 275.29 IL62Pda

GARDNER, K. E. What causes a herd's fat test to vary. Ill. Agr. Col. Ext. D634,4 p. May 15,1952. 275.29 IL62Pda

ILLINOIS. UNIVERSITY. COLLEGE OF AGRICULTURE. EXTENSION SERV. Available publications, agriculture and home economics. Urbana,1952. 12 p. 275.29 Il62Av

INDIANA - Purdue University, Agricultural Extension Service, Lafayette

LEE, O. C. Noxious weeds of Indiana. Purdue. U. Agr. Ext. B. 246,rev.,23 p. July 1952. 275.29 In2E

GANNON, E. A. Dairy roughage budget. Purdue U. Agr. Ext. L. 239,rev.,6 p.-folder. May 1952. 275.29 In2L

INDIANA. PURDUE UNIVERSITY. AGRICULTURAL EXTENSION SERV. Efficiency dairy program. Purdue U. Agr. Ext. L. 268,rev.,12 p. June 1952. 275.29 In2L

HENDERSON, W. The avian leukosis complex. Purdue U. Agr. Ext. L. 342,8 p. May 1952. 275.29 In2L

GANNON, E. A., and RALSTON, J. C. Junior dairy showmanship contests. Purdue U. Agr. Ext. L. 343. 8 p. May 1952. 275.29 In2L

LEE, O. C. Canada thistle [Cirsium arvense] control. Purdue U. Agr. Ext. L. 345,4 p. July 1952. 275.29 In2L

HERRICK, A. M., and MARTINELLI, M., JR. Why waste so much hardwood timber? Purdue U. Agr. Ext. L. 346,11 p. 1952. 275.29 In2L

KANSAS State College of Agriculture and Applied Science, Extension Service, Manhattan

NEIGHBOR, H., FLETCHER, M. G., and ALLEN, G. E. Consumer buying of fruits. Kans. State Col. Agr. Ext. L. 16,4 p. Apr.1952. 275.29 K13Le

KANSAS. STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE. EXTENSION SERV. Increasing farm production. Kans. State Col. Agr. Ext. L. 18,8 p.-folder. May 1952. 275.29 K13Le

KENTUCKY University, College of Agriculture and Home Economics, Extension Service, Lexington

KARRAKER, P. E. Productive soil. Ky. Agr. Col. Ext. C. 468,rev.,39 p. Mar.1952. 275.29 K415

PRICE, W. A., and RODRIGUEZ, J. G. How to control common garden insects. Ky. Agr. Col. Ext. C. 479,rev.,11 p. May 1952. 275.29 K415

GARRIGUS, W. P. The Kentucky Cow and Calf Plan. Ky. Agr. Col. Ext. C. 494,16 p. Apr.1952. 275.29 K415

MISSISSIPPI State College, Extension Service, State College

MISSISSIPPI. STATE COLLEGE. EXTENSION SERV. 1951 annual report, Mississippi; your agricultural extension service. Miss. State Col. Ext. P. 215,27 p. June 1952. 275.29 M68A

MISSOURI University, College of Agriculture, Agricultural Extension Service, Columbia

DUCK, J. W., ed. Teaching aids in vocational agriculture. Mo. Agr. Col. Ext. B. 52(20),75 p. July 10, 1951. 275.1 D852

HALL, H. J., and VENRICK, F. Save labor, reduce costs with concrete barnyard pavements and feeding floors. Mo. Agr. Col. Ext. Folder 19,12 p. Apr.1952. 275.29 M69FoL

MISSOURI. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 4-H projects and activities for Missouri. Mo. Agr. Col. Ext. Manual 50,19 p. Jan.1952. 275.29 M69Ma

MISSOURI. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Seventh annual 4-H Club Week, June 5-8, 1952. Columbia, 1952. 8 p. 275.29 M69Mis

MONTANA State College, Extension Service, Bozeman

MONTANA. STATE COLLEGE. EXTENSION SERV. 4-H clothing leaders guide, by L. V. Hilyard. Bozeman?1951? 7 p. 275.2 M76Fc

NEW HAMPSHIRE University, College of Agriculture and the Mechanic Arts, Extension Service, Durham

RASMUSSEN, E. J., and others. Growing a apples in New Hampshire. N. H. Agr. Col. Ext. B. 100, 31 p. May 1951. 275.29 N45

L. P. Latimer, W. W. Smith, and A. F. Yeager, joint authors.

HEPLER, J. R. Growing vegetables at home. N. H. Agr. Col. Ext. B. 104,30 p. Apr.1952. 275.29 N45

HEPLER, J. R., and ELLIS, E. E. Asparagus in New Hampshire—its culture and uses. N. H. Agr. Col. Ext. B. 105,14 p. May 1952. 275.29 N45

NEW JERSEY State College of Agriculture and Mechanic Arts, Extension Service, Rutgers University, New Brunswick

CONNORS, C. H. The Iris Garden. N. J. Agr. Col. Ext. L. 81,4 p. May 1952. 275.29 N46L

NEW YORK State College of Agriculture and Home Economics, Extension Service, Cornell University, Ithaca

GOODMAN, A. M. The construction of concrete floors for dairy stables. N. Y. Agr. Col. Cornell Ext. B. 140,rev.,35 p. Apr.1952. 275.29 N48E

MILLS, W. D., and LAPLANTE, A. A. Diseases and insects of small fruits. N. Y. Agr. Col. Cornell Ext. B. 306,rev.,55 p. June 1952. 275.29 N48E

CAREW, J. Chemical weeding of vegetables. N. Y. Agr. Col. Cornell Ext. B. 769,rev.,18 p. June 1952. 275.29 N48E

FOSS, E. W. Soldering. N. Y. Agr. Col. Cornell Ext. B. 850,16 p. Mar.1952. 275.29 N48E

PEABODY, G. E., and SARGENT, E. H., JR. Elements of organized debate and discussion. N. Y. Agr. Col. Cornell Ext. B. 854,34 p. Apr.1952. 275.29 N48E

CARLSON, A. M. Selecting equipment for your community kitchen. N. Y. Agr. Col. Cornell Ext. B. 856,16 p. May 1952. 275.29 N48E

WILLIAMSON, L. J., and COUSENS, D. W. Safe home wiring and electric cords. N. Y. Agr. Col. Cornell Ext. B. 857,18 p. May 1952. 275.29 N48E

COOPER, L. L. How to make cupboard storage devices. N. Y. Agr. Col. Cornell Ext. B. 859,27 p. June 1952. 275.29 N48E

BAKER, R. C., and HAYES, D. L. Barbecued chicken. N. Y. Agr. Col. Cornell Ext. B. 862,15 p. June 1952. 275.29 N48E

GOODING, P. H., NESBIT, W. B., and THAXTON, J. E. Turkey production equipment. N. Y. Agr. Col. Cornell Ext. C. 297,rev.,31 p. Apr.1952. 275.29 So8E

FERREE, R. J., SCHILLETTER, A. E., and NETTLES, W. C. Fall tomatoes. N. Y. Agr. Col. Cornell Ext. C. 354,rev.,8 p. May 1952. 275.29 So8E

ROCHESTER, M. C. The agricultural outlook South Carolina, 1952. N. Y. Agr. Col. Cornell Ext. C. 368,16 p. Dec.1951. 275.29 So8E

SCHAUFLER, E. F. Perennials for a 4-H flower border. N. Y. Agr. Col. Ext. Cornell 4-H Club B. 96,16 p. Apr.1952. 275.29 N48Cn

ROBINSON, C. B. Modern hooked rugs. N. Y. Agr. Col. Cornell Misc. B. 11,23 p. Apr.1951. 275.29 N48Cm

NEW YORK. STATE COLLEGE OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. Killing, plucking, & cooling poultry, by R. C. Baker and G. O. Hall. Ithaca?1951. 8 p.-folder. 275.2 N482K

NORTH CAROLINA University, State College of Agriculture and Engineering, Extension Service, State College Station, Raleigh

COX, B. F., and HARKEMA, R. Common poultry parasites. N. C. Agr. Col. Ext. C. 160,rev.,12 p. Dec.1951. 275.29 N811

BENNETT, R. R., and HAWKS, S. N., JR. It pays to prime burley tobacco. N. C. Agr. Col. Ext. C. 367,16 p. June 1952. 275.29 N811

GRAY, J. L. Plant forest trees. N. C. Agr. Col. Ext. C. 371,10 p. Apr.1952. 275.29 N811

COVINGTON, H. M. Sweet potato manual for 4-H Club members. N. C. Agr. Col. Ext. Club Ser. 49, rev.,6 p. Feb.1951. 275.29 N811C

NORTH CAROLINA. UNIVERSITY. STATE COLLEGE OF AGRICULTURE AND ENGINEERING. EXTENSION SERV. 4-H'ers thru the looking glass. N. C. Agr. Col. Ext. Club Ser. 73,7 p. Jan.1952. 275.29 N811C

NORTH CAROLINA. UNIVERSITY. STATE COLLEGE OF AGRICULTURE AND ENGINEERING. EXTENSION SERV. If you want to live. N. C. Agr. Col. Ext. Folder 88,6 p. Apr.1952. 275.29 N811Ex

MCIVER, J. Children's clothing. N. C. Agr. Col. Ext. Misc. Pam. 134,8 p. Jan.1952. 275.29 N811M

LEE, M. E. Costume accessories. N. C. Agr. Col. Ext. Misc. Pam. 135,6 p. Mar.1952. 275.29 N811M

MCIVER, J. Fitting ready mades. N. C. Agr. Col. Ext. Misc. Pam. 136,6 p.-folder. Mar.1952. 275.29 N811M

LEE, M. E. The ABC's of clothing care. N. C. Agr. Col. Ext. Misc. Pam. 138,5 p. Mar.1952. 275.29 N811M

NORTH CAROLINA. UNIVERSITY. STATE COLLEGE OF AGRICULTURE AND ENGINEERING. EXTENSION SERV. Facts and recipes for corn meal and grits. N. C. Agr. Col. Ext. Misc. Pam. 140,20 p. Feb.1952. 275.29 N811M

MCIVER, J. Today's fabrics. N. C. Agr. Col. Ext. Misc. Pam. 141,11 p. Jan.1952. 275.29 N811M

SOUTHERN FARM MANAGEMENT EXTENSION COMMITTEE. Case studies of father-son farm agreements. South. Farm Mangt. Ext. P. 2,48 p. Dec. 1951. 275.29 So84

NORTH DAKOTA Agricultural College, Extension Service, State College Station, Fargo

NORTH DAKOTA. AGRICULTURAL COLLEGE. EXTENSION SERV. Clothing ABC's; first year clothing project 4-H Club members' manual, by E. B. Jones. Fargo,1951. 56 p. 275.2 N812CL

OHIO State University, College of Agriculture, Agricultural Extension Service, Columbus

PARKS, T. H. Injurious household pests and their control. Ohio. Agr. Col. Ext. Serv. B. SB-3,37 p. Jan.1952. 275.29 Oh32S

OKLAHOMA Agricultural and Mechanical College, Exsion Division, Stillwater

PETERMANN, R. Home canning of fruits and vegetables. Okla. Agr. Col. Ext. C. 260,rev.,23 p. n.d. 275.29 Ok41C

SPIVEY, G. L. Refinishing furniture and care of woods. Okla. Agr. Col. Ext. C. 265,16 p. n.d. 275.29 Ok41C

ARMSTRONG, O. Pattern alterations. Okla. Agr. Col. Ext. C. 327,23 p. May 1952. 275.29 Ok41C

MOORE, L. Living happily together. Okla. Agr. Col. Ext. C. 440,8 p. n.d. 275.29 Ok41C

DOHOGNE, H. Tasty salads for good meals. Okla. Agr. Col. Ext. C. 479,15 p. n.d. 275.29 Ok41C

HARLAN, J. R. Harvesting and cleaning grass seed in Oklahoma. Okla. Agr. Expt. Sta. Forage Crops L. 4,2 p. Jan.1952. 60.9 Ok4

OREGON State College, Federal Cooperative Extension Service, Corvallis

OREGON. STATE COLLEGE. FEDERAL COOPERATIVE EXTENSION SERV. Making good silage. Oreg. State Col. Ext. C. 531,rev.,4 p.-folder. June 1952. 275.29 Or32C

PUERTO RICO University, College of Agriculture, Extension Service, Rio Piedras

LESPIER, R. E. Apropiados para sus ninos. P. R. Agr. Col. Ext. C. 23,8 p. Dec.1951. 275.29 P96Ci

GAZTAMBIDE ARRILLAGA, C. Como producir mas leche en otono e invierno. P. R. Agr. Col. Ext. C. 24,7 p. Apr.1952. 275.29 P96Ci

OLIVENCIA, P. Cómo organizar un club 4-H. P. R. Agr. Col. Ext. C. 4-H 57,rev.,4 p. Apr.1952. 275.29 P96Cu

OLIVENCIA, P. Ceremonia de iniciacion 4-H. P. R. Agr. Col. Ext. C. 4-H 69,rev.,8 p. Apr.1952. 275.29 P96Cu

PUERTO RICO. UNIVERSITY. COLLEGE OF AGRICULTURE. EXTENSION SERV. Lista de publicaciones. Rio Piedras,1952. 13 p. 275.29 P96Po

SOUTH CAROLINA, Clemson Agricultural College, Extension Service, Clemson

SCHILLETTER, A. E. The farm orchard. Clemson Agr. Col. S. C. Ext. B. 89,32 p. Mar.1952. 275.29 So8F

GOODING, P. H. Brooding chicks. Clemson Agr. Col. S. C. Ext. C. 130,rev.,10 p. Jan.1952. 275.29 So8E

SOUTH CAROLINA. CLEMSON AGRICULTURAL COLLEGE. EXTENSION SERV. The Darlington County tobacco contest for high yields of high quality cigarette tobacco. Clemson Agr. Col. S. C. Ext. C. 372, 15 p. Feb.1952. 275.29 So8E

WOODLE, H. A. Coastal bermuda [Cynodon dactylon]. Clemson Agr. Col. S. C. Ext. C. 374,8 p.-folder. Mar.1952. 275.29 So8E

CUSHMAN, C. G. Trench and box-type silos. Clemson Agr. Col. S. C. Ext. C. 375,22 p. June 1952. 275.29 So8E

TEXAS Agricultural and Mechanical College, Agricultural Extension Service, College Station

NORTON, D. C. Root knot. Tex. Agr. Col. Ext. C. 300,8 p. Apr.1952. 275.29 T31C

UTAH State Agricultural College, Extension Service, Logan

LIEBERMAN, F. V., and others. Recommendations for controlling alfalfa insects in Utah. Utah. State Agr. Col. Ext. C. 167,8 p. June 1952. 275.29 Ut1

G. F. Knowlton, S. J. Snow, and C. J. Sorenson, joint authors.

KNOWLTON, G. F. Control the earwig [Forficula auricularia]. Utah. State Agr. Col. Ext. C. 170,2 p. July 1952. 275.29 Ut1

MICHAELSEN, L. Handbook on livestock marketing for extension specialists and agents. I. Utah. State Agr. Col. Ext. Misc. Ext. P. 1,various pagings. June 1951. 275.29 Ut1Me

VIRGINIA Agricultural and Mechanical College and Polytechnic Institute, Agricultural Extension Division, Blacksburg

VIRGINIA. AGRICULTURAL AND MECHANICAL COLLEGE AND POLYTECHNIC INSTITUTE. AGRICULTURAL EXTENSION DIV. 4-H safety manual. Va. Agr. Col. Ext. B. 190,15 p. Jan.1951. 275.29 V81B

WASHINGTON State College, Extension Service, Pullman

TREMBLAY, F. T., and HARSTON, C. B. Fertilizers for western Washington. Wash. State Col. Ext. B. 386,rev.,12 p. May 1952. 275.29 W27P

SCANTLAND, L., SVINTH, C. A., and TAVES, M. J. A square look at Spokane County. Wash. State Col. Ext. B. 463,68 p. June 1952. 275.29 W27P

VALKO, L. Farmers' cooperatives in Washington; directory 1952. Wash. Agr. Expt. Sta. C. 128,rev., 20 p. May 1952. 100 W27S

WASHINGTON. STATE COLLEGE. POULTRY COUNCIL. Turkey troubles. Wash. State Col. Ext. C. 148,rev.,chart. June 1952. 275.29 W27C

WASHINGTON. STATE DEPT. OF HEALTH. RURAL HEALTH COMMITTEE. The milk you drink, be sure it's safe pasteurized milk. Wash. State Col. Ext. C. 204,6 p.-folder. May 1952. 275.29 W27C

HOBSON, K. Keeping up on the farm outlook. Wash. State Col. Ext. C. 208,6 p.-folder. May 31,1952. 275.29 W27C

HOBSON, K. Keeping up on the farm outlook. Wash. State Col. Ext. C. 209,6 p.-folder. June 20,1952. 275.29 W27C

ECKBLAD, I. M. 4-H project; our family food supply.V. Wash. State Col. Ext. Mimeog. 1324,13 p. June 1952. 275.29 W27Mi

WEST VIRGINIA University, College of Agriculture, Agricultural Extension Service, Morgantown

HUMPHREYS, G. American democracy at work. W. Va. Agr. Col. Ext. Good Living Ser. 19(10),6 p. 1952? 275.29 W522G

WISCONSIN University, College of Agriculture, Agricultural Extension Service, Madison

AHLGREN, H. L., and GRABER, L. F. Safeguarding new seedings. Wis. Agr. Col. Ext. C. 300,rev., 8 p. Jan.1952. 275.29 W75C

TRUOG, E., CHAPMAN, C. J., and BERGER, K. C. What fertilizer should I use? Wis. Agr. Col. Ext. C. 412,4 p. Jan.1952. 275.29 W75C

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

Includes publications received in the library during the preceding month.

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Report of the 6th session of the conference, 19 November—6 December 1951. Rome, 1952. 213 p. 389.9 F735R

FOOD AND AGRICULTURAL ORGANIZATION OF THE UNITED NATIONS. Yearbook of food and agricultural statistics, 1951, v. 5, pt. 2, Trade. Rome,1952. 236 p. 251 Y3

SEMPLE, A. T. Improving the world's grasslands. Food & Agr. Organ. United Nations. FAO Agr. Studies 16,147 p. Dec.1951. 28 F73

BIBLIOGRAPHY OF AGRICULTURE

[illegible]
[illegible]



U.S. DEPARTMENT
OF AGRICULTURE
LIBRARY

MS 80849-89179 OCTOBER 1952 VOL. 16, No. 10

The subject index for volume 16 of the Bibliography of Agriculture will appear as number 12 of volume 16, the issue of December 1952.

Abbreviations used in this publication are from the United States Department of Agriculture Bibliographical Bulletin 12, List of Serials Currently Received in the Library of the United States Department of Agriculture, November 1, 1949. June 1950.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library. Copying charges for each periodical article or book are:

MICROFILMS:
$1.00 for each 50 pages or fraction thereof from a single article or book.

PHOTOPRINTS:
$1.00 for each 10 pages or fraction thereof from a single article or book.

ALL CHARGES ARE CASH WITH ORDER. (Only Federal agencies are exempt.)
Enclose payment in cash, library coupon, check, or money order drawn to the Treasurer of the United States.

LIBRARY COUPONS—United States Department of Agriculture Library coupons valued at $1.00 each may be ordered in any quantity.

The printing of this publication has been approved by the Director of the Bureau of the Budget. (Jan. 11, 1950).

UNITED STATES DEPARTMENT OF AGRICULTURE

LIBRARY

BIBLIOGRAPHY OF AGRICULTURE

Vol. 16 October 1952 No. 10
Items 80849-89179

CONTENTS

	Item
Plant Science	80849-82653
Systematic and Geographic Botany	80913
Spermatophytes	80931
Pteridophytes	81053
Bryophytes	81056
Algae	81058
Fungi	81079
Pathology	81126
Fungus Diseases	81204
Bacterial Diseases	81310
Virus Diseases	81323
Nematodes	81353
Ecology	81368
Morphology, Anatomy, and Cytology	81398
Genetics	81461
Physiology	81520
Biochemistry	81751
Field Crops	81784
Cereals	81821
Fiber Crops	81898
Forage and Grasses	81929
Oil Crops	82094
Sugar Crops	82103
Tobacco	82118
Horticultural Crops	82125
Fruits	82144
Citrus and Subtropical	82172
Deciduous	82201
Small	82236
Nuts	82285
Shade Trees and Ornamental Plants	82295
Vegetables	82477
Weeds and Poisonous Plants	82538
Miscellaneous	82596
Soils and Fertilizers	82654-83190
Soil Science	82654
Soil Physics	82662
Soil Chemistry	82683
Soil Biology	82712
Soil-Plant-Animal Relationships	82738
Soil Genesis, Formation, Classification and Mapping	82746
Soil Management	82764
Soil Fertility	82796
Tilth and Tillage	82925
Drainage, Irrigation, Water Supply, etc.	82945
Erosion and Control	83042
Sanitation	83141
Materials for Soil Improvement	83142
Primary Materials	83142
Secondary and Minor Element Materials	83148
Mixed Fertilizers and Fertilizer Technology	83152
Fertilizer Statistics	83157
Manures and Composts	83168
Forestry	83191-83688
General	83191
Education	83222
Policies, Programs, Administration	83228
Legislation and Taxation	83271
Description and Resources	83277
Individual Genera	83297
Forest Management and Finance	83313
Farm Woodlands	83338
Mensuration, Surveying, Photogrammetry	83348
Silviculture	83368
Silvicultural Practices	83380
Seeding and Planting	83396
Forest Protection and Damage	83427
Fire	83433
Forest Influences	83449
Miscellaneous Forest Uses	83458
Forest Industries and Trade	83462
Lumbering	83482
Lumbering Equipment	83487
Logging	83489
Sawmills	83504
Processing and Woodworking	83518
Seasoning, Conditioning and Finishing	83523
Wood Preservation and Damage	83532
Forest Products	83553
Lumber and Rough Products	83565
Building Construction	83578
Veneers, Plywood and Adhesives	83581
Furniture	83594
Containers	83595
Pulp and Paper	83599
Chemical Products and Distillates	83632
Naval Stores	83644
Other Forest Products	83648
Wood Technology	83661
Properties and Structure	83677
Animal Industry	83689-85301
Breeds and Breeding	83689
Feeds and Feeding	83724
Veterinary Medicine	83811
Miscellaneous	83988
Cattle	84024
Breeds and Breeding	84024
Feeds and Feeding	84157
Veterinary Medicine	84238
Miscellaneous	84430
Dogs and Cats	84492
Breeds and Breeding	84492
Veterinary Medicine	84500
Miscellaneous	84560
Fur Animals - Pen Raised	84566
Breeds and Breeding	84566
Feeds and Feeding	84572
Veterinary Medicine	84578
Miscellaneous	84584
Horses and Mules	84589
Breeds and Breeding	84589
Feeds and Feeding	84639
Veterinary Medicine	84646
Miscellaneous	84718
Laboratory Animals, Small	84744
Veterinary Medicine	84744
Miscellaneous	84748
Poultry	84750
Breeds and Breeding	84750

For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.
$6.00 per year, domestic; $8.00 per year, foreign. Single copies vary in price.

	Item
Feeds and Feeding	84798
Veterinary Medicine	84841
Miscellaneous	84931
Rabbits	85002
Breeds and Breeding	85002
Feeds and Feeding	85013
Veterinary Medicine	85019
Miscellaneous	85031
Sheep and Goats	85036
Breeds and Breeding	85036
Feeds and Feeding	85072
Veterinary Medicine	85093
Miscellaneous	85138
Swine	85172
Breeds and Breeding	85172
Feeds and Feeding	85186
Veterinary Medicine	85228
Miscellaneous	85284
Entomology	85302-86097
General - Economic	85337
Insecticides	85438
Apiculture and Apis Mellifera	85471
Arachnida, etc.	85540
Coleoptera	85603
Diptera	85705
Culicidae	85793
Hemiptera	85830
Hymenoptera	85885
Lepidoptera	85931
Orthoptera	86022
Sericulture and the Silkworm	86048
Smaller Orders	86072
Agricultural Engineering	86098-86513
General and Miscellaneous	86098
Machines and Equipment	86124
Animal Husbandry	86196
Cultivation and Tillage	86220
Fertilizer and Seed Distributors	86241
Harvesting	86248
Processing Equipment Used on the Farm	86285
Repair, Maintenance, and Construction	86306
Spraying and Dusting	86318
Vehicles	86327
Structures and Rural Housing	86377
Animal Shelters and Service Buildings	86383
Farmhouses and Farmsteads	86425
Greenhouses and Plant Service Buildings	86433
Materials and Methods	86445
Storage Structures	86447
Walls and Fences	86462
Utilities	86464
Electricity and Electrification	86464
Heating, Lighting and Radiation	86485
Power Plants, Motors and Engines	86494
Sewage and Waste Disposal	86499
Water Supply	86503
Agricultural Products: Processing, Distribution, and Statistics	86514-88137
Analysis and Composition	86540
Consumption, etc.	86558
Distribution, etc.	86562
Grading, etc.	86587
Packing and Packaging	86609
Prices, etc.	86614
Processing and Storage	86633
Statistics	86677
Beverages and Condiments	86696
Dairy Products	86827
Analysis and Composition	86901
Consumption, etc.	86937
Distribution, etc.	86941
Grading, etc.	86976
Packing and Packaging	87022
Prices, etc.	87032
Processing and Storage	87042
Statistics	87128
Feed and Forage Crops	87130
Fibers and Textiles	87168
Fruits, Vegetables, and Nuts	87311
Analysis and Composition	87352
Consumption, etc.	87373
Distribution, etc.	87380
Grading, etc.	87431
Packing and Packaging	87450
Prices, etc.	87462
Processing and Storage	87464
Statistics	87523
Grain and Grain Products	87529
Honey and Beeswax	87689
Livestock and Livestock Products	87697
Analysis and Composition	87746
Consumption, etc.	87758
Distribution, etc.	87760
Grading, etc.	87773
Prices, etc.	87785
Processing and Storage	87786
Statistics	87813
Oils and Oilseeds	87822
Poultry and Poultry Products	87913
Rubber and Rubber Substitutes	87981
Seeds	88015
Sugar and Sirups	88025
Tobacco	88102
Miscellaneous	88131
Agricultural Economics and Rural Sociology	88138-88990
Agricultural Finance	88170
Credit	88173
Income	88200
Insurance	88204
Taxation	88243
Agricultural Labor and Wages	88268
Agriculture - Situation, Policies, and Programs	88307
Subsidies	88443
Farm Management and Land Economics	88452
Bookkeeping and Records	88530
Costs and Returns	88546
Land Settlement and Colonization	88600
Land Tenure	88616
Land Utilization	88679
Land Values, etc.	88695
Population	88702
Rural Social Organization	88709
Human Ecology	88719
Institutions	88726
Leadership	88838
Rural Organizations and Movements	88840
Rural Social Psychology	88923
Trade, Foreign and International	88926
Food and Human Nutrition	88991-89072
Food Habits	89041
Nutritive and Vitamin Content	89046
Miscellaneous	89073-89177
History and Biography	89105
Home Management	89132
International Relations	89144
Meteorology	89149
Research	89154
Statistics	89177

U. S. D. A. Publications p. 180

State Agr. Expt. Sta. Publications p. 184

State Agr. Ext. Serv. Publications p. 187

Food and Agr. Organ. of the U. N. p. 189

AUTHOR INDEX p. 191

The printing of this publication has been approved by the Director of the Bureau of the Budget. (Jan. 11, 1950)

PLANT SCIENCE

GENERAL

80848 AGSTERIBBE, E., and GROENHUIJZEN, S. Autumn excursion to Ootmarsum, 1951. (In Dutch) Buxbaumia 6:15-22. Apr.1952. 450 B98
English summary.

80850 ANDERSON, S. T., and BANK, T. P., II Pollen and radiocarbon studies of Aleutian soil profiles. Science 116:84-86. July 25,1952. 470 Sci2

80851 ARMBRUSTER, M. E. Common names of plants. Trillia 11:170-172. July 1951. 451 W52

80852 BLANCO MACIAS, G. Protección científica contra las heladas. Tierra [México] 7:361-363,404. June 1952. 8 T445

80853 BOOM, B. K. The new regulations for naming cultivated plants. (In Dutch.) Zaadbelangen 6:135-136. June 30,1952. 61.8 Z1

80854 BOSE, N. K. Petrified wood from Mayurbhanj, Orissa. Sci. & Cult. 17:523-524. June 1952. 475 Sci24

80855 BROUWER, F. I. Plantkunde II. [Botany]. Groningen, Wolters, 1951. 54 p. 463 B792P

80856 CARDON, P. V., and ERLANSON, C. O. Adaptation of crops to new environment. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:292-296. 1949,pub.1951. 279.9 Un32P

80857 CHEVALIER, C. Belles plantes, belles photos. B. Hort. (n.s.)7:112-115. Apr.1952. 80 B873

80858 CHOWDHURY, K. A. Some more fossil woods of Glutoxylon from south-east Asia. Ann. Bot. (n.s.)16: 373-378. Ref. July 1952. 450 An7

80859 CIFERRI, R. Note on foundation of the Lombardo Herbarium at the University of Pavia. (In Italian.) Nuovo Gior. Bot. Ital. 58:181-182. 1951. 450 N92

80860 THE CONNECTICUT Arboretum. Conn. Arboretum. B. 7,15 p. May 1952. 451 C7622

80861 COOKSON, I. C. Identification of Tertiary pollen grains with those of New Guinea and New Caledonian beeches. Nature [London] 170:127. July 19,1952. 472 N21

80862 COQUILLAT, M. Sur les plantes les plus communes à la surface du globe. Soc. Linn. de Lyon B Mens. 20:165-170. Sept.1951. 505 L992B

80863 CORE, E. L. Botanizing on Panther Knob, West Virginia. Wild Flower 28:35-38. Apr.1952. 451 W642

80864 DEMOISE, C. W. A botanical society is born in Westmoreland County, Pa. Trillia 11:172-174. July 1951. 451 W52

80865 DIERCKS VITERI, B. Las heladas, factor agrometeorológico de interés para la agricultural serrana. Consorcio de Cent. Agr. de Manabi. Rev. 12 (69):5-7. (Concl.) Jan./Mar.1952. 9.5 M31
Plant protection.

80866 DRAKE, F. R. Soil, rainfall distribution and vegetation in East Gippsland. Victoria. Dept. Agr. J. 50: 153-159. Apr.1952. 23 V66J

80867 DRUMMOND, O. A. A suggestion for the collection of botanical material, documented with road maps. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1:39-42. Jan.1952. 9.2 M663

80868 EASTWOOD, A. The Albert Prager Herbarium of the California Academy of Sciences. L. West. Bot. 6:205-207. Aug.12,1952. 450 L47

80869 ERMILOV, G. B. On dissemination and concentration of seeds. (In Russian.) Akad. Nauk SSSR. Dok. 84:599-601. Ref. May 21,1952. 511 P444A

80870 FENAROLI, L. Vegetation and flora of the Adamello-Presolana group. (In Italian.) Monti e Boschi 3:208-212. May 1952. 16 M76
English summary.

80871 FISCHER, W., and LÖHRL, H. Geschütztes leben. 5. Kosmos 48:325-328. July 1952. 474 K842
Includes alpine plants in Germany.

80872 FLORENCHIE, P. A propos de quelques plantes cultivées au Jardin d'Essai du Hamma. Rev. Hort. de l'Algérie 56:128-131. Apr.1952. 87 R32

80873 FLORIN, R. On Metasequoia, living and fossil. Bot. Not. 1952:1-29. Ref. 450 B656

80874 FRIEDE, H. M. Palynology and history of tree vegetation. Trees So. Africa 3(4):17-18. Jan./Mar.1952. 99.8 T716

80875 GAUME, R. Excursions botaniques dans la région parisienne. IV. La flore des mares à Sphaignes des forêts du plateau de Brie. Feuille des Nat. (n.s.)7: 23-26. Mar./Apr.1952. 410 F432

80876 HAAS, T. P. A visit to the Atkins Garden and Research Laboratory in Soledad-Cienfuegos, Cuba, in June 1951. Amer. J. Pharm. 124:178-200. June 1952. 396.8 Am3

80877 HALL, J. W. The phloem of Heterangium americanum. Amer. Midland Nat. 47:763-768. May 1952. 410 M58

80878 HANA, K. Photographing plants. (In Dutch.) Huis en Hof 4:112-113. June 1952. 80 H87

80879 HARADA, Y., and KUBO, S. Induced mutations by chemical substances in streptomycin producing strains. I. (In Japanese.) J. Antibiotics 5:350-354. June 1952. 396.8 J824
English summary.
Streptomyces griseus.

80880 HARDY, E. Treasures of Wharfedale. Gard. Chron. 132:34. July 26,1952. 80 G162

80881 HORN AF RANTZIEN, H. On some Charophyta from the Pleistocene of New Mexico. Bot. Not. 1952: 58-66. Ref. 450 B656

80882 HOSOYA, S., and others. Studies on the antibiotic substance produced by streptomyces H-1205. (In Japanese.) J. Antibiotics 5:245-247. May 1952. 396.8 J824
M. Soeda, N. Komatsu, and R. Arai, joint authors.
English summary.

80883 ISO, C., YAGISHITA, K., and UMEZAWA, H. The isolation of streptomycin producing strains by using soybean medium for the screening test. J. Antibiotics 5: 274-277. May 1952. 396.8 J824

80884 KAVANAGH, F., HERVEY, A., and ROBBINS, W. J. Antibiotic substances from Basidiomycetes.IX. Drosophila subatrata. (Batsch ex Fr.) Quel. Natl. Acad. Sci. Proc. 38:557-560. Ref. July 1952. 500 N21P

80885 KEULS, M. The use of the "studentized range in connection with an analysis of variance. Euphytica 1:112-122. July 1952. 450 Eu6

80886 KONINGSBERGER, V. J. The tree as a calendar. (In Dutch.) In Beekman, W. B. Hout in alle tijden, v. 4, p.259-271. Djakarta,Kluwer,1952. 99.79 B39

80887 KUTCHKA, L. M. A trip to Mount Mansfield, Vermont. Trillia 11:168-169. July 1951. 451 W52

80888 LINGAPPA, B. T. A sand press method for preservation of natural colors in herbarium specimens. Bot. Gaz. 113:484-485. June 1952. 450 B652

80889 MCCRACKAN, M. Intriguing fruits. Trillia 11:165-168. July 1951. 451 W52
Collecting ornamental seeds and seed pods.

80890 MACDONALD, R. E., and BISHOP, C. J. Phloretin: an antibacterial substance obtained from apple leaves. Canad. J. Bot. 30:486-489. Ref. July 1952. 470 C16C

80891 MARTIN LYNCH, A. El procedimiento de Kammermann para pronosticar la helada. Mensajero Agr. 72/73:53-54. Apr./May 1952. 9.8 M52
Includes plant protection.

80892 MORAN, R. The Mexican itineraries of T. S. Brandegee. Madroño 11:253-262. July 1952. 450 M26

80893 MORGAN, J., and DELEVORYAS, T. An anatomical study of Stipitopteris. Amer. J. Bot. 39: 474-478. July 1952. 450 Am36
S. gracilis n. sp.

80894 MORGAN, J., and DELEVORYAS, T. Stewartiopteris singularis: a new psaroniaceous fern rachis. Amer. J. Bot. 39:479-484. July 1952. 450 Am36
S. singularis, n. g., n. sp.

80895 PINCHER, C. The search for new antibiotics. Discovery 13:175-176. June 1952. 472 D63

80896 RAPER, K. B., and others. Culture collections of microorganisms. Science 116:179-180. Aug.15,1952. 470 Sci2
R. E. Buchanan, P. R. Burkholder, R. E. Cleland, R. D. Coghill, J. F. Enders, C. Lamanna, E. H. Lennette, H. H. McKinney, W. J. Robbins, and J. Warren, joint authors.

80897 RAUH, W. Landschafts- und vegetationsbilder aus dem Hohen Atlas; bericht über die Deutsche Marokko-Expedition 1951. Kosmos 48:305-314. July 1952. 474 K842

80898 RITTER, M. Le transport du "Herbier Brandis" de Travnik à Sarajevo. (In Serbo-Croatian.) Biol. Inst. God. 4:115-119. 1951. 442.9 Sa73

80899 SANTIS, A. DE. Local names of cultivated areas derived from names of cultivated plants and vegetation. (In Italian.) Nuovo Gior. Bot. Ital. 58:152-161. 1951. 450 N92
English summary.

80900 SCHERR, G. H. A nephelometric technique for large cultures. Mycologia 44:575-577. July/Aug. 1952. 450 M99

80901 SCHOEPF, H. Fettkraut, ein wenig bekannter fleischfresser. Orion 7:403-405. May 1952. 474 Or4
Pinguicula.

80902 SEARS, P. B., and CLISBY, K. H. Two long climatic records. Science 116:176-178. Aug.15,1952. 470 Sci2
Fossil pollen profiles from sediments in northern New Mexico and within the limits of Mexico City.

80903 SHIGA, T., GOTO, S., and ARIMA, K. Studies on the high potent penicillin producing molds. II-III. (In Japanese.) J. Antibiotics 5:255-262. May 1952. 396.8 J824
II, by T. Shiga, S. Goto, and K. Arima; III, by T. Shiga.
English summary.

80904 SHIMADA, M., and TAKAHASHI, N. Pollen analyses of lignites. II. Pliocene lignites from the neighbourhood of Shinjo. Tôhoku U. Sci. Rpt. Ser. 4 (Biol.) 19:270-273. Mar.1952. 513 T574Ab

80905 SINGAPORE. BOTANIC GARDENS DEPT. Annual report, 1951. Singapore,1952. 6 p. 451 St8

80906 STEWART, W., and DELEVORYAS, T. Bases for determining relationships among the Medullosaceae. Amer. J. Bot. 39:505-516. Ref. July 1952. 450 Am36

80907 STIEBER, J. Anthrakotomische und xylotomische untersuchungen. (In Russian.) Országos Természettudo. Múz. Evkön. (n.s.)2:261-280. Ref. 1952. 410.9 B85E
German summary.

80908 TAYLOR, J. G. Thermistors. Agr. Engin. 33: 502. Aug.1952. 58.8 Ag83
Equipment to measure the temperature of plants and animals.

80909 TOYODA, K. On the plant remains from the Pleistocene of Fujisawa City and its neighbourhood, Kanagawa Prefecture. (In Japanese.) J. Jap. Bot. 27: 85-89. Mar.1952. 450 J8223
English summary.

80910 WALLACE, R. W., and ROPER, L. The plant introductions of Dr. Alexander Wallace. Roy. Hort Soc. J. 77:274-280. Aug.1952. 84 L84J

80911 WATT, J. M. Botanic gardens & arboreta. Trees So. Africa 3(4):6,8,10,12. Jan./Mar.1952. 99.8 T716

80912 WITTE, K. Die wirksame bekämpfung der maifröste des jahres 1952 durch beregnung. Deut. Landwirt.-Gesell. Mitt. 67:437-438. June 14,1952. 18 N39

SYSTEMATIC AND GEOGRAPHIC BOTANY

General

80913 BRETT, and VOISENAT. Appellations scientifiques des plantes cultivées et des plantes adventices; leurs correspondance en langues anglaise et française. Rev. Hort. de l'Algérie 56:63-77. Feb.1952. 87 R32

80914 DONK, M. A. On generic type species indicated by misapplied names. Reinwardtia 1:483-486. Mar.1952. 450 R272

80915 FOX, W. B., GODFREY, R. K., and BLOMQUIST, H. L. Notes on distribution of North Carolina plants. III. Rhodora 54:165-182. July 1952. 450 R34

80916 GIVEN, K. The flora of the Whangarei Heads. Forest & Bird 104:4-5. May 1952. 413.9 N42

80917 GUILLAUMIN, A. Contribution à la flore de la Nouvelle-Calédonie. CI. Plantes récoltées par le Professeur L. H. Mac Daniels. Mus. Natl. d'Hist. Nat. B. (ser.2)23:641-650. Dec.1951,pub.Mar.15,1952. 410.9 P213

80918 HENDERSON, R. E. The flora of Eagle Summit, Alaska. Wild Flower 28:27-31. Apr.1952. 451 W642

80919 HENRICI, M. Raccoon Creek and its flora. Trillia 11:141-146. July 1951. 451 W52
Pennsylvania.

80920 HESLOP HARRISON, J. W., and MORTON, J. K. Botanical investigations in the isles of Raasay, Rhum (v.c. 104), Lewis and Harris (v. c. 110) in 1951. Durham. U. Philos. Soc. Proc.11:12-23. 1951. 501 D93

80921 JENNINGS, O. E. Rare or less commonly collected plants of western Pennsylvania. Trillia 11: 146-163. July 1951. 451 W52

80922 JOHNSON, L. A. S. Nomenclature. Austral. J. Sci. 14:184-186. June 21,1952. 475 Au72
Plants.

80923 KNABEN, G. Botanical investigations in the middle districts of western Norway. Bergen. U. Arb. Natvitensk. Rekke 1950(8),117 p. Ref. 1952. 502 B45

80924 KORICA, B. Contribution à la connaissance de la flore du Mont Velež (Herzégovina). (In Serbo-Croatian.) Biol. Inst. God. 3:9-36. Ref. 1950,pub.1951. 442.9 Sa73
French summary.

80925 KOVACEVIC, J. Grundriss der liste der kulturflora für Bosnien und der Hercegovina. (In Serbo-Croatian.) Biol. Inst. God. 3:37-54. Ref. 1950,pub.1951. 442.9 Sa73
German summary.

80926 RADFORD, A. E. Range extensions in the flora of North Carolina. Elisha Mitchell Sci. Soc. J. 68:105-108. June 1952. 500 EL4

80927 ROUSSEAU, J. Les zones biologiques de la péninsule Québec-Labrador et l'hémiarctique. Canad. J. Bot. 30:436-474. Ref. July 1952. 470 C16C
English summary.

80928 SAITO, M. Some interesting plants in Enshū region. Shizuoka U. Fac. Agr. Rpt. 1:84-89. 1951. 107.6 Iw92
English summary.

80929 SILLANS, R. Contribution a l'étude phytogéographique des savanes du Haut-Oubangui. Note préliminaire sur la composition floristique de quelques "Kagas" (rochers). Mus. Natl. d'Hist. Nat. B. (ser.2)23: 685-691. (Cont.) Dec.1951,pub.Mar.15,1952. 410.9 P213

80930 VILLAFANE, A. Relación parcial de la flora jujeña. Pampa Argentina 24(284):6,22,26-27,30. Aug. 1951. 9 P19

Spermatophytes

80931 AHRENDT, L. W. A. Berberis aemulans. Curtis's Bot. Mag. 169:tab.179. May 1952. 450 C94

80932 ALLEN, P. H. The swan orchids: a revision of the genus Cycnoches. Orchid J. 1:173-184 (Cont.) Apr.1952. 80 Or174

80933 ATTUONI, P. Notes on the geography of the peanut. (In Italian.) Soc. Geog. Ital. B. (ser.8)5:37-56. Ref. Jan./Feb.1952. 507 So15B

80934 BAKSAY, L. Monographie der gattung Succisa. Országos Természettudo. Múz. Evkön. (n.s.)2:237-259. 1952. 410.9 B85E
Includes a new species.

80935 BALLY, P. R. O. Sukkulenten des tropischen Ostafrika. I. Sukkulentenkunde 4:59-64. Dec.1951. 450 Su42

80936 BARKLEY, F. A. Estudios sobre las Anacardiaceae. VI. Lilloa 23:253. 1950. 450 L62

80937 BARROS, M. Una Ciperacea y dos Juncaceas nuevas. Lilloa 23:415-420. 1950. 450 L62
New species in Carex, Oxychloe, and Andesia.

80938 BATSON, W. T., JR. The rushes [Juncus] of North and South Carolina. Elisha Mitchell Sci. Soc. J. 68:93-104. Ref. June 1952. 500 EL4

80939 BECKSTROM, W. Interesting and unusual plants of Door County. Wis. Conserv. B. 17(6):19-21. June 1952. 279.8 W752

80940 BEETLE, A. A. New names for Wyoming wheatgrasses. Rhodora 54:195-196. July 1952. 450 R34

80941 BELL, C. R. Natural hybrids in the genus Sarracenia. I. Elisha Mitchell Sci. Soc. J. 68:55-80. Ref. June 1952. 500 EL4

80942 BLAKELOCK, R. A. Euonymus hamiltonianus. Curtis's Bot. Mag. 169:tab.181. May 1952. 450 C94

80943 BLEČIČ, V. Neue standorte von Leontopodium alpinum Cass. aus den schluchten der Piva und Tara (Montenegro). (In Serbo-Croatian.) Biol. Inst. God. 4:23-28. 1951. 442.9 Sa73
German summary.

80944 BOIVIN, B. Quelques Veronica du Canada. Nat. Canad. (ser.3)23:173-176. May 1952. 410 N216

80945 BUINING, A. F. H. Kakteen in Peru. Sukkulentenkunde 4:44-45. Dec.1951. 450 Su42

80946 BURTT, B. L. Crocus chrysanthus var. citrinus. Curtis's Bot. Mag. 169:tab.182. May 1952. 450 C94

80947 BURTT, B. L. Delphinium orientale. Curtis's Bot. Mag. 169:tab.186. May 1952. 450 C94

80948 BUXBAUM, F. Die gattungen der "Mammillaria-stufe." I-II. Sukkulentenkunde 4:3-22. Dec.1951. 450 Su42
Includes Oehmea n.g.

80949 CARDENAS, M. Cactaceas nuevas de Bolivia Lilloa 23:15-27. 1950. 450 L62
English summary.
New species in Pereskia and Opuntia.

80950 CASTELLANOS, A. Dos especies nuevas de Cactaceas argentinas. Lilloa 23:5-13. 1950. 450 L62
English summary.
New species in Gymnocalycium and Opuntia.

80951 CASTELLANOS, A., and CASTAGNINO, O. H. Catalogo de los generos de las plantas vasculares de la flora argentina. III. Lilloa 23:259-306. 1950. 450 L62

80952 CRAM, W. H. Parent-seedling characteristics and relationships in Caragana arborescens, Lam. Sci. Agr. 32:380-402. Ref. July 1952. 7 Sci2

80953 DAVIDIAN, H. H. New Rhododendrons from Nepal. Edinb. Roy. Bot. Gard. Notes 21:99-100. May 1952. 451 Ed42N

80954 DAVIS, P. H. Additamenta ad floram Anatoliae. III. Edinb. Roy. Bot. Gard. Notes 21:61-98. May 1952. 451 Ed42N
Includes new species in Sideritis, Scrophularia, and Verbascum.

80955 DESCOLE, H. R., and BORSINI, O. E. Una nueva especie del genero "Angelonia" H. et B. (Scrophulariaceae). Lilloa 23:511-514. 1950. 450 L62

80956 DESMARAIS, Y. Ecologie du Trillium erectum L. Nat. Canad. (ser.3)23:198-203. May 1952. 410 N216

80957 EXELL, A. W., and MENDONCA, F. A. Additions to the flora of Angola. (In Portuguese.) Soc. Broteriana. B. (ser.2)25:101-112. 1951. 451 C66
Includes new species in Uvariopsis, Ritchiea, Pittosporum, Corchorus, Ochthocosmus, Citropsis, Diphasia, Dichapetalum, Olax, Opilia; new fam. Nectaropetalaceae and Ixonanthaceae; new genera Pinacopodium and Diogoa.

80958 FERNANDES, A. Remarque sur l'aire géographique de Narcissus elegans Spach. Soc. Broteriana. B. (ser.2)25:287-290. Ref. 1951. 451 C66

80959 FERNANDES, R., BEAU, U., and KAIM, H. S. A new hybrid of Cistus: C. crispus X ladaniferus. (In Portuguese.) Soc. Broteriana. Anu. 17:9-28. Ref. 1951. 451 C66A

80960 FERREYRA, R. Una nueva especie de Monnina [M. sanmarcosana] del Peru. U. Nac. Mayor de San Marcos. Mus. de Hist. Nat. "Javier Prado." P. Ser. B, Bot. 3:6-8. Oct.1951. 451 Un3

80961 FERREYRA, R. Una nueva Leguminosae [Weberbauerella raimondiana] del Peru. U. Nac. Mayor de San Marcos. Mus. de Hist. Nat. "Javier Prado." P. Ser. B, Bot. 3:1-5. Oct.1951. 451 Un3

80962 FLAIG, W. Eine seltene zwergwuchsform des Alpen-edelweiss. Kosmos 48:320-322. July 1952. 474 K842
Leontopodium alpinum.

80963 FRANCO, J. DO A. Botanical nomenclature of cultivated and wild olives. (In Portuguese.) Soc. Broteriana. B. (ser.2)25:191-195. 1951 451 C66

80964 FRANCO, J. do A. Notes on the woody plants of Mata do Buçaco. (In Portuguese.) Soc. Broteriana. B. (ser.2)25:197-248. 1951. 451 C66

80965 FUKAREK, P. Das heutige verbreitungsareal der Omorika-fichte (Picea omorika Pančić) und einige mitteilungen über ihre bestände. (In Serbo-Croatian.) Biol. Inst. God. 3:141-198. Ref. 1950,pub.1951. 442.9 442.9 Sa73
German summary.

80966 FUKAREK, P. Eine neue varietet der panzerkiefer aus Serbien und Nord-Montenegro (Pinus heldreichii Christ var. Pancici n. var.) (In Serbo-Croatian.) Biol. Inst. God. 4:41-50. Ref. 1951. 442.9 Sa73
German summary.

80967 HARA, H. Enumeratio spermatophytarum japonicarum. 2. Tokyo, Iwanami Shoten,1952. 280 p. 460.15 H21

80968 HENRY, L. K., and BUKER, W. E. Check list of the vascular flora of Allegheny County, Pennsylvania. Trillia 11:3-128. July 1951. 451 W52

80969 HERRE, H. Einige interessante Ceropegien. Sukkulentenkunde 4:69-73. Dec.1951. 450 Su42

80970 HERRE, H. Jensenobotrya lossowiana Herre gen. et spec. nov. Sukkulentenkunde 4:79-81. Dec.1951. 450 Su42

80971 HERRE, H. Die verteilung der blütenfarben bei den gattungen der Mesembryanthemaceae. Sukkulentenkunde 4:87-88. Dec.1951. 450 Su42

80972 HERRE, H. Die verbreitung der Mesembryanthemaceae (Mittagsblumengewächse) in der welt. Sukkulentenkunde 4:83-87. Dec.1951. 450 Su42

80973 HEYWOOD, V. H. Chrysanthemum praeteritum Horwood: its provenance, taxonomy and allied species. Edinb. Roy. Bot. Gard. Notes 21:53-60. May 1952. 451 Ed42N

80974 HOLLAND, L. J. Meeting the plant families: Solanaceae: nightshade family. Green Thumb [Denver] 9(7):8-9. July 1952. 80 G82

80975 HOLTTUM, R. E. The subdivision of the genus Dendrobium. Orchid J. 1:163-165. Apr.1952. 80 Or174

80976 HOWELL, J. T. Apium leptophyllum in California. L. West. Bot. 6:219-220. Aug.12,1952. 450 L47

80977 HOWELL, J. T. Eriogonum notes. II. E. polypodum Small. L. West. Bot. 6:198-202. Apr.30,1952. 450 L47

80978 HOWELL, J. T. The Little Sur Manzanita, a new species. L. West. Bot. 6:202-204. Apr.30,1952. 450 L47
Arctostaphylos edmundsii.

80979 HOWELL, J. T. Mineral King and some of its plants. L. West. Bot. 6:212-219. Aug.12,1952. 450 L47

80980 HUNT, T. E. A new Australian species of Eria [Eria inornata.] Orchid J. 1:190-191. Apr.1952. 80 Or174

80981 JACOBSEN, H. Haworthia Duval. Sukkulentenkunde 4:97-112. Dec.1951. 450 Su42

80982 JACOBSEN, H. Die sukkulenten Senecio-arten. Sukkulentenkunde 4:88-91. Dec.1951. 450 Su42

80983 JACQUES-FELIX, H. Adamea Jac.-Fel.= Adamia Jac.-Fel. Mus. Natl. d'Hist. Nat. B. (ser.2)23: 661. Dec.1951,pub.Mar.15,1952. 410.9 P213

80984 JANSE, J. A. Euphorbia milii Desm. und ihre spielarten. Sukkulentenkunde 4:67-69. Dec.1951. 450 Su42

80985 JANSE, J. A. Der heutige stand der erforschung der sukkulenten Euphorbien. Sukkulentenkunde 4:64-66. Dec.1951. 450 Su42

80986 JENSEN, E. Ein neues Mesembryanthemum. Sukkulentenkunde 4:81-83. Dec.1951. 450 Su42
Cotyledon hoerleinianum.

80987 JOVET, P. Conopodium denudatum Koch en milieu calcaire. Feuille des Nat. (n.s.)7:20-22. Mar./Apr.1952. 410 F432

80988 KENG, H. Studies in the genus Euphorbia of Taiwan. Taiwan Mus. Q. J. 4:253-260. 513 T133

80989 KERN, J. H. A neglected Indian species of Cyperus. Reinwardtia 1:463-466. Mar.1952. 450 R272
C. alulatus n. sp.

80990 KIMURA, A. Symbolae iteologicae. XI. Tōhoku U. Sci. Rpt. Ser. 4 (Biol.) 19:187-198. Mar.1952. 513 T574Ab
Salix.

80991 KOSTERMANS, A. J. G. H. Notes on New Guinea plants. IV. Saccopetalum koolsii Kostermans, sp. nov. (Annonaceae). Reinwardtia 1:459-461. Mar. 1952. 450 R272

80992 KOSTERMANS, A. J. G. H. Notes on two leguminous genera from Eastern Indonesia. Reinwardtia 1:451-457. Mar.1952. 450 R272
Kalappia, n. g. and Desmofischera.

80993 KRAINZ, H. Neucombinationen und schwer zugängliche diagnosen. Sukkulentenkunde 4:32-36. Dec. 1951 450 Su42

80994 KRAINZ, H., and GRÄSER, R. Tephrocactus hosseii Krainz et Gräser spec. nov. Sukkulentenkunde 4:29-30. Dec.1951. 450 Su42

80995 LEPAGE, E. Etudes sur quelques plantes américaines. Nat. Canad. (ser.3)23:177-184. May 1952. 410 N216

80996 LI, H. L. Families and genera of Formosan plants, III. Casuarinaceae to Caryophyllaceae. Taiwan Mus. Q. J. 4:213-250. Dec.1951. 513 T133

80997 LITTLE, E. L., JR. The genus Pseudotsuga (Douglas-Fir) in North America. L. West. Bot. 6:181-198. Apr.30,1952. 450 L47

80998 LIU, T. A new species of Cerastium [taiwanense] from Taiwan. Taiwan Mus. Q. J. 4:211. Dec. 1951. 513 T133

80999 MALY, K. Vorläufige mitteilung über eine für die Balkanhalbinsel kritische Achillea. (In Serbo-Croatian.) Biol. Inst. God. 3:5-8. 1950,pub.1951. 442.9 Sa73
German summary.

81000 MARKGRAF, F. Notiz über ein Gnetum von Borneo. Reinwardtia 1:462. Mar.1952. 450 R272

81001 MASAMUNE, G. On the geographical distribution of Psilotum nudum Beauv. in Japan. (In Japanese.) J. Jap. Bot. 27:78. Mar.1952. 450 J8223

81002 MASON, E. Baby Trillia. Trillia 11:129-132. July 1951. 451 W52

81003 MASON, H. L. The status of Lophotocarpus in western North America. Madroño 11:263-270. Ref. July 1952. 450 M26

81004 MERRILL, E. D. William Jack's genera and species of Malaysian plants. Arnold Arboretum. J. 33:199-250. July 1952. 451 Ar6J

81005 MEYER, T. Apocinaceas argentinas. II. Aspidosperma. Lilloa 23:29-48. 1950. 450 L62
English summary.
Includes new species in Aspidosperma.

81006 MEYER, T. Asclepiadaceae argentinenses novae aut criticae. IV. Lilloa 23:49-59. 1950. 450 L62
Includes new species in Tweedia and Morrenia.

81007 MIROV, N. T. Mr. Pince's Mexican pine [Pinus pinceana]. Madroño 11:270-273. July 1952. 450 M26

81008 MOSCHL, W. Die Cerastium-arten Afrikas südlich der Sahara. Soc. Broteriana.Mem. 7:15-120. Ref. 1951. 451 C66M

81009 NAKAI, T. The scientific name of Japanese Gleditsia. (In Japanese.) J. Jap. Bot. 27:129-130. Apr.1952. 450 J8223

81010 NILSSON, A. Notes on the flora of the Landskrona region. II. (In Swedish.) Bot. Not. 1952:81-96. Ref. 450 B656
English summary.

81011 O'DONELL, C. A. Convolvulaceas americanas nuevas o criticas. I-II. Lilloa 23:421-509. Ref. 1950. 450 L62
English summary.
Includes new species in Jacquemontia, Ipomoea, and Bonamia.

81012 OHWI, J. Citrus in Manyôshû. (In Japanese.) J. Jap. Bot. 27:90. Mar.1952. 450 J8223

81013 OKUYAMA, S. Tentative list of plants for collectors. (12). (In Japanese.) J. Jap. Bot. 27:97-100. Mar.1952. 450 J8223

81014 PAL, B. P., SINGH, H. B., and SWARUP, V. Taxonomic relationships and breeding possibilities of species of Abelmoschus related to okra (A. esculentus) Bot. Gaz. 113:455-464. Ref. June 1952. 450 B652

81015 PENNELL, F. W. The identity of Hasslerella Chodat. Lilloa 23:61-62. 1950. 450 L62
Declared a synonym of Polypremum.

81016 PILLA, C. The yareta, unusual endemic plant of Chile. (In Italian.) Monti e Boschi 3:206-207. May 1952. 16 M76
Azorella.

81017 RAVEN, P. H. Plant notes from San Francisco, California. L. West. Bot. 6:208-211. Aug.12,1952. 450 L47

81018 REARK, J. B. Some field notes on the genus Episcia. Gloxinian 1(6):8. May/June 1952. 96.06 G51

81019 ROACH, A. W. Carex diversistylis, a new species from Oregon. Madroño 11:277-279. July 1952. 450 M26

81020 ROLLINS, R. C. Some Cruciferae of the Nashville Basin, Tennessee. Rhodora 54:182-192. July 1952. 450 R34
Includes n. spp. Lesquerella densipila and L. perforata.

81021 SAITO, M. Cheiropleuria bicuspis Presl var. integrifolia Eaton found in Prov. Tôtômi. (In Japanese.) J. Jap. Bot. 27:72. Mar.1952. 450 J8223

81022 SCHULTES, R. E. Studies in the genus Micrandra. I. The relationship of the genus Cunuria to Micrandra. Harvard U. Bot. Mus. L. 15:201-221. May 29,1952. 451 H262

81023 SCHWANTES, G. Bemerkungen zu einigen Mesembryanthemaceen. Sukkulentenkunde 4:73-79. Dec.1951. 450 Su 42
Includes new species in Lithops and Tischleria n.g.

81024 SCHWARZ, F. Die heimat von Astrophytum myriostigma var. coahuilense. Sukkulentenkunde 4:25-27 Dec.1951. 450 Su42

81025 SCHWEINFURTH, C. A graceful little orchid [Dichaea tenuis n. sp.] from Peru. Amer. Orchid Soc. B. 21:510. July 1952. 80 Am329

81026 SILVA, B. L. T. DE., and TAMBIAH, M. S. A contribution to the life history of Cycas rumphii Miq. Ceylon J. Sci. Sect. A. Bot. 12:223-244. Ref. Mar.31, 1952. 451 P41

81027 SLEUMER, H. Algunas Flacourtiaceas sudamericanas. Lilloa 23:247-251. 1950. 450 L62
Includes new species in Neosprucea.

81028 SLEUMER, H. Estudios sobre el genero "Dunalia" H. B. K. Lilloa 23:117-142. 1950. 450 L62

81029 SLEUMER, H. Notas sobre la flora argentina. I. Lilloa 23:331-346. 1950. 450 L62

81030 SPARRE, B. Estudios sobre las Violaceas argentinas. I. — Los generos Hybanthus y Anchietea. Lilloa 23:515-574. 1950. 450 L62
English summary.

81031 SPARRE, B. Systematical and nomenclatorial studies on the genus Viola. II. Further annotations on the section Chilenium. Lilloa 23:347-364. 1950. 450 L62

81032 STEARN, W. T. The type-locality of the musk plant, Mimulus moschatus. Roy. Hort. Soc. J. 77:291-292. Aug.1952. 84 L84J

81033 STEENIS, C. G. G. J. VAN. Miscellaneous botanical notes. IV. Reinwardtia 1:467-481. Mar.1952. 450 R272
Malaysian flora, including a new species of Macadamia.

81034 SUBIK, H. Parodia crucinigricentra (Fric. n. nud.) Subik. Sukkulentenkunde 4:31-32. Dec.1951. 450 Su42

81035 TAYLOR, W. R. Notes on Vaucheria longicaulis Hoppaugh. Madroño 11:274-277. Ref. July 1952. 450 M26

81036 TSAI, C. M., and FU, W. W. A study on Malabar chestnut,Pachira macrocarpa, Schlecht. (In Chinese.) Agr. Res. 2(4):89-102. Dec.1951. 22.5 Ag823
English summary.

81037 TURRILL, W. B. Campanula reiseri. Curtis's Bot. Mag. 169:tab.178. May 1952. 450 C94

81038 TURRILL, W. B. Chimonanthus praecox. Curtis's Bot. Mag. 169:tab.184. May 1952. 450 C94

81039 TURRILL, W. B. Chrysanthemum gayanum. Curtis's Bot. Mag. 169:tab.183. May 1952. 450 C94

81040 TURRILL, W. B. Endymion hispanicus. Curtis's Bot. Mag. 169:tab.176. May 1952. 450 C94

81041 TURRILL, W. B. Hebe macrantha. Curtis's Bot. Mag. 169:tab.177. May 1952. 450 C94

81042 TURRILL, W. B. Ipheion uniflorum. Curtis's Bot. Mag. 169:tab.185. May 1952. 450 C94

81043 TURRILL, W. B. Narcissus calcicola. Curtis's Bot. Mag. 169:tab.180. May 1952. 450 C94

81044 UITEWAAL, A. J. A. Adromischus clavifolius (Haw.) Lem. and Adromischus schönlandii (Phil.) Poelln. Natl. Cactus & Succulent J. 7:33. 1952. 450 N21

81045 UITEWAAL, A. J. A. Der heutige stand der kenntnisse der kleinblütigen Aloinae. Sukkulentenkunde 4:91-94. Dec.1951. 450 Su42

81046 WATERFALL, U. T. Notes concerning Juncus coriaceus. Rhodora 54:193. July 1952. 450 R34

81047 WIJEWANTHA, R. T. Some preliminary observations on the genus Nepenthes in Ceylon. Ceylon J. Sci. Sect. A. Bot. 12:245-247. Mar.31,1952. 451 P41

81048 WŁADYSŁAW, B. Some new varieties and hybrids of Populus alba L. (In Polish.) Soc. Bot. Polon. Acta 21:43-57. 1951. 451 So16
English summary.

81049 ZANTNER, A. Seltene, interessante Haworthia-arten. Sukkulentenkunde 4:94-96. Dec.1951. 450 Su42

81050 ZENARI, S. Critical plants of the Venetian Alps. III. (In Italian.) Nuovo Gior. Bot. Ital. 58: 97-147. Ref. 1951. 450 N92
English summary.

81051 ZLATARIĆ, B. Noch eine angabe über die verbreitung der moorbirke (Betula pubescens Ehrh) in Jugoslavien. (In Serbo-Croatian.) Biol. Inst. God. 3:87-92. Ref. 1950,pub.1951. 442.9 Sa73
German summary.

81052 ZOBEL, B. Jeffrey pine in the south coast ranges of California. Madroño 11:283-284. July 1952. 450 M26

Pteridophytes

81053 ANDERSON, L. E., and BANNISTER, T. T. An addition to the fern flora of North Carolina. Elisha Mitchell Sci. Soc. J. 68:81-83. June 1952. 500 EL4

81054 BILLINGTON, C. Ferns of Michigan. Cranbrook Inst. Sci. B.32,240 p. 1952. 410.9 C85B

81055 WAGNER, W. H., JR. The fern genus Diellia: its structure, affinities and taxonomy. Calif. U. P. Bot. 26(1),211 p. 1952. 500 C125B

Bryophytes

81056 NANNENGA-BREMEKAMP, N. E. Bryologica spring excursion to Zuid-Limburg in 1951. (In Dutch.) Buxbaumia 6:1-14. Apr.1952. 450 B98
English summary.

81057 NOGUCHI, A. Notes on Japanese Musci. (In Japanese.) J. Jap. Bot. 27:121-124. Apr.1952. 450 J8223

Algae

81058 ALEEM, A. A. Sur l'autoécologie d'une Spirogyre d'eau saumâtre. Acad. des Sci. Compt. Rend. 234:2648-2650. June 30,1952. 505 P21

81059 BERG, K. Some data on the taxonomy of the Caloneis silicula - group. (In Swedish.) Bot. Not. 1952: 67-71. 450 B656
German summary.

81060 BOURRELLY, P. Notes sur quelques Chlorococcales. Mus. Natl. d'Hist. Nat. B. (ser.2)23:673-684. Ref. Dec.1951,pub.Mar.15,1952. 410.9 P213
Includes one new species in Scotiella.

81061 BOURRELLY, P. Xanthophycées rares ou nouvelles. Mus. Natl. d'Hist. Nat. B. (ser.2)23:666-672. Ref. Dec.1951,pub.Mar.15,1952. 410.9 P213
New species in Nephrochloris and Pseudostaurastrum.

81062 CHADEFAUD, M. Un nouveau Chlamydomonas marin (Algue verte; Volvocale). Mus. Natl. d'Hist. Nat. B. (ser.2)23:662-665. Dec.1951,pub.Mar.15,1952. 410.9 P213

81063 CUNHA, A. G. DA. Additions à la flore charologique du Portugal. IV. Soc. Broteriana. B. (ser.2)25:25-30. 1951. 451 C66
Nitella and Chara.

81064 GEITLER, L. Zelldifferenzierung bei der gametenbildung und ablauf der kopulation von Eunotia (Diatomée). Biol. Zentbl. 70:385-398. Ref. 1951. 442.8 B523

81065 GOLLERBAKH, M. M., and POLÍANSKII, V. I. Presnovodnye vodorosli i ikh izuchenie [Fresh-water algae and the study of them]. Moskva, "Sovetskaîa Nauka," 1951. 198 p. (Opredelitel' presnovodnykh vodoroslei SSSR. vyp. 1) 461.4 Op6

81066 GRÖNBLAD, R. Some desmids from Gotland and Oland. Bot. Not. 1952:72-80. 450 B656

81067 GUARRERA, S. A., and KUHNEMANN, O. Catálogo de las Chlorophyta y Cyanophyta de agua dulce de la Republica Argentina. Lilloa 23:575-578. 1950. 450 L62

81068 IMAHORI, K. Charophyta in Micronesia. J. Jap. Bot. 27:79-84. Mar.1952. 450 J8223

81069 KNUDSON, B. M. The diatom genus Tabellaria I. Taxonomy and morphology. Ann. Bot. (n.s.)16:421-440. Ref. July 1952. 450 An7

81070 KOSHIMIZU, T. Prasiola japonica Yatabe was collected at Honzawa-river of Mt. Oodai. (In Japanese.) J. Jap. Bot. 27:72. Mar.1952. 450 J8223

81071 LUND, S. Marine algae from Jörgen Brönlunds Fjord in eastern north Greenland. Meddel. om Gronland 128(4),26 p. Ref. 1951. 502 C792

81072 PARYSKI, W. H. Coloured snows in the Tatra Mountains. (In Polish.) Soc. Bot. Polon. Acta 21:217-229. Ref. 1951. 451 So16
English summary.

81073 ROSSAT, H. A propos de la taxonomie des algues. Soc. Linn. de Lyon B. Mens. 20:170-171. Sept. 1951. 505 L992B
Errata and corrigenda.

81074 SAMPAIO, J. Considerations on the reproduction and multiplication of Desmidiaceae. (In Portuguese.) Soc. Broteriana. B. (ser.2)25:31-99. Ref. 1951. 451 C66

81075 SIEMIŃSKA, J. Asterionella formosa Hassal var. acariodes Lemm. (In Polish.) Soc. Bot. Polon. Acta 21:235-239. 1951. 451 So16
English summary.

81076 SIEMIŃSKA, J. Red snow below the Szpiglasowa pass in the High Tatra. (In Polish.) Soc. Bot. Polon. Acta 21:231-233. 1951. 451 So16
English summary.

81077 SIEMIŃSKA, J. The red snow in Tatra; (Chlamydomas nivalis Wille). (In Polish.) Soc. Bot. Polon. Acta 21:1-4. 1951. 451 So16
English summary.

81078 WAERN, M. Rocky-shore algae in the Oregrund Archipelago. Acta Phytogeog. Suecica 30, 298 p. 1952. 451 Ac82

Fungi (Including Lichens)

81079 ASAHINA, Y. Lichenologische notizen. 79-82. J. Jap. Bot. 27:69-71. Mar.1952. 450 J8223

81080 BALDACCI, E., and BONCOMPAGNI, T. Identification of the varieties of Actinomyces scabies and their geographic distribution. (In Italian.) Nuovo Gior. Bot. Ital. 58:180-181. Ref. 1951. 450 N92

81081 BOHUS, G. Les associations végétales, les conditions de vie, le nombre et quantité des espèces de champignons à Hársbokorhegy et ses environs dans les montagnes de Buda. (In Hungarian.) Országos Természettudo. Múz. Evkön. (n.s.)2:281-285. 1952. 410.9 B85E
French summary.

81082 BOSE, S. R. Horse-hair fungus from Bengal. Mycopath. et Mycol. Appl. 6:76-78. Dec.30,1951. 450 M994
Marasmius equicrinis and M. pangerangensis.

81083 BOUTHILET, R. J. A taxonomic study of soil yeasts. Mycopath. et Mycol. Appl. 6:79-85. Ref. Dec.30,1951. 450 M994
Includes Debaryomyces mrakii n. sp.

81084 BREMER, H., and others. Beiträge zur kenntnis der parasitischen pilze der Türkei. IV-V. Istanbul. U. Fen Fakül. Mecmuasi. Ser. B, Tabiî Ilimler 17:145-181. Ref. Apr.1952. 475 Is7
G. Karel, K. Biyikoğlu, N. Göksel, and F. Petrak, joint authors.
IV, Schizomycetes, Oomycetes, Ascomycetes II; V, Basidiomycetes II.

81085 BUTLER, E. E. A new species of Mucor [Mucor recurvus]. Mycologia 44:561-563. July/Aug. 1952. 450 M99

81086 CABRAL, R. V. DE G. Mycelial anastomoses; their value in the diagnosis of Polyporaceae. (In Portuguese.) Soc. Broteriana. B. (ser.2)25:291-364. Ref. 1951. 451 C66
English summary.

81087 CHINNAYYA, E. J. Colonization of plant debris by Coprinus species in soils. Nature [London] 170:252. Aug.9,1952. 472 N21

81088 CICCARONE, A. Observations on the hyphal bodies of Delacroixia coronata (Cost.) Sacc. and P. Syd. in culture. (In Italian.) Mycopath. et Mycol. Appl. 6: 96-98. Dec.30,1951. 450 M994
English summary.

81089 CIFERRI, R. Neglected or unknown binomials of fungus species in the work of S. Rivolta. (In Italian.) Mycopath. et Mycol. Appl. 6:104-107. Dec.30,1951. 450 M994

81090 COOKE, W. B., and SHAW, C. G. Cercosporella in Washington. Lloydia 15:125-128. June 1952. 442.8 L77
Includes C. geranii n. sp.

81091 COOKE, W. B. Nomenclatural notes on the Erysiphaceae. Mycologia 44:570-574. July/Aug.1952. 450 M99

81092 DAMON, S. C. Type studies in Dictyosporium, Spiera, and Cattanea. Lloydia 15:110-124. Ref. June 1952. 442.8 L77
Includes D. prolificum n. sp.

81093 DIGILIO, A. P. L. Myxomycetes de Tucumán. Lilloa 23:365-414. Ref. 1950. 450 L62

81094 DONK, M. A. Notes on Malesian fungi. II. On the genera Auricularia, Hirneola, and Laschia. Reinwardtia 1:487-500. Ref. Mar.1952. 450 R272

81095 DRECHSLER, C. Another nematode-strangulating Dactylella and some related hyphomycetes. Mycologia 44:533-556. Ref. July/Aug.1952. 450 M99
Includes n. spp.: D. acrochaeta, D.helminthodes and Trichothecium polyctonum.

81096 FEARING, O. S. Preliminary study of the taxonomy and ecology of Kansas lichens. Kans. U. Sci. B. 35:543-575. Ref. July 1,1952. 500 K132S

81097 GRANITI, A. Neottiosporella triseti n. sp. (In Italian.) Nuovo Gior. Bot. Ital. 58:148-151. 1951. 450 N92
English summary.

81098 GUPTA, S. C., and SINHA, S. Further additions to the Synchytria of India. Indian Phytopath. 4:7-10. 1951. 464.8 In2
Includes five new species.

81099 HEDRICK, L. R., and BURKE, G. C. Two new yeasts from Hawaiian fruit flies. Mycopath. et Mycol. Appl. 6:92-95. Dec.30,1951. 450 M994
Candida sorbosa n. sp. from feces of Drosophila crucigera and Rhodotorula pilimanae n. sp. from living larva of D. pilimanae.

81100 HIRATSUKA, N. Materials for a rust-flora of eastern Asia. 1. J. Jap. Bot. 27:111-116. Apr.1952. 450 J8223

81101 HUGHES, S. J. Sclerographium aterrimum Berkeley. Indian Phytopath. 4:5-6. 1951. 464.8 In2

81102 HUNEYCUTT, M. B. A new water mold on keratinized materials. Elisha Mitchell Sci. Soc. J. 68: 109-111. June 1952. 500 EL4
Leptolegniella n.g.

81103 INDOH, H., and KATŌ, K. Observations on Rozella allomycis Foust found in Japan. (Preliminary note.) (In Japanese.) J. Jap. Bot. 27:91-96. Mar.1952. 450 J8223
English summary.

81104 JENKINS, A. E., and LIMBER, D. P. Two new ascomycetes on Phoradendron. Mycologia 44:557-560. July/Aug.1952. 450 M99
Uleomyces wellmanii and Rosenscheldiella phoradendri.

81105 KOBAYASI, Y., and OOKUBO, M. Studies on the aquatic fungi of Ozegahara Moor. (In Japanese.) J. Jap. Bot. 27:101-110. Apr.1952. 450 J8223

81106 LOCQUIN, M. Les Lepiotes du sous-genre Lepiotula; étude des espèces françaises. Soc. Linn. de Lyon B. Mens. 20:152-157. Sept.1951. 505 L992B

81107 MANNERS, J. G. The establishment and maintenance of pure cultures of rust fungi. Indian Phytopath. 4:21-24. Ref. 1951. 464.8 In2

81108 MARTIN, G. W. Femsjonia luteoalba. Mycologia 44:580-582. July/Aug.1952. 450 M99

81109 MITCHELL, M. B., PITTENGER, T. H., and MITCHELL, H. K. Pseudo-wild types in Neurospora crassa. Natl. Acad. Sci. Proc. 38:569-580. Ref. July 1952. 500 N21P

81110 NOYES, G. Something about fungi, or the importance of being dependent. Home Gard. 20(2):62-66. Aug.1952. 80 H756

81111 OLIVE, L. S. A new species of Cystobasidium from New Jersey. Mycologia 44:564-569. July/Aug. 1952. 450 M99

81112 PATEL, M. K., and others. Additions to fungi of Bombay. I-II. Indian Phytopath. 4:64-66,71-73. 1951. 464.8 In2
I, by M. K. Patel, V. P. Gokhale, and N. B. Kulkarni; II, by M. K. Patel, M. M. Payak, and N. B. Kulkarni.
Includes n. spp. in Tolyposporium and Dasturella.

81113 PESANTE, A. New records of Septobasidium species. (In Italian.) Ann. della Sper. Agr. (n.s.)6:655-659. 1952. 16 An76
English summary.

81114 POTLAĬCHUK, V. I. Genus Nigrospora Zimm.; its specific composition and systematic position. (In Russian.) Mikrobiologiĭa 21:219-225. Ref. Mar./Apr. 1952. 448.3 M582

81115 PUMPĬANSKAĬA, L. V. On a new species of yeasts. (In Russian.) Vsesoiûzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):140-142. 1951. 448.39 L54

81116 ROGERSON, C. T., and SHAFFER, R. L. Underwoodia in Kansas. Mycologia 44:582. July/Aug. 1952. 450 M99

81117 SAVILE, D. B. O. A study of the species of Cintractia on Carex, Kobresia, and Scirpus in North America. Canada J. Bot. 30:410-435. Ref. July 1952. 470 C16C

81118 SHANOR, L. The characteristics and morphology of a new genus of the Laboulbeniales on an earwig. Amer. J. Bot. 39:498-504. July 1952. 450 Am36
Filariomyces on Prolabia pulchella.

81119 SINGER, R. Descolea antarctica, genero y especie nuevos de Tierra del Fuego. (New genera of fungi. V.). Lilloa 23:255-258. 1950. 450 L62
English summary.

81120 SINGER, R. Type studies on Basidiomycetes. IV. Lilloa 23:147-246. 1950. 450 L62
Study of the collections of C. Spegazzini.

81121 SRIVASTAVA, H. C., and MEHTA, P. R. A new species of Cercospora [C. grewia] on Grewia asiatica Linn. Indian Phytopath. 4:67-70. 1951. 464.8 In2

81122 SZULCZEWSKI, J. W. Protomyces wodziczkoi nov. spec. (In Polish.) Soc. Bot. Polon. Acta 21:191-194. 1951. 451 So16
English summary.

81123 UMEZAKI, I. Marine Cyanophyceae from Japan. (In Japanese.) J. Jap. Bot. 27:117-120. Apr.1952. 450 J8223
English summary.

81124 WEHMEYER, L. E. Studies in the genus Pleospora. II. Lloydia 15:65-109. Ref. June 1952. 442.8 L77

81125 WILSON, I. M. The ascogenous hyphae of Pyronema confluens. Ann. Bot. (n.s.)16:321-339. Ref. July 1952. 450 An7

PATHOLOGY

General

81126 AHMAD, T., HASANAIN, S. Z., and SATTAR, A. Some popular methods of plant diseases control in Pakistan. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:327-329. Ref. 1949,pub.1951. 279.9 Un32P

81127 ANDERSON, H. W., and GOTTLIEB, D. Plant disease control with antibiotics. Econ. Bot. 6:294-308. Ref. July/Sept.1952. 450 Ec7

81128 BELLAN, A. La culture du peuplier. Tarn-et-Garonne Agr. 15:127-128. (Cont.) July/Aug.1952. 14 T17
Diseases and pests.

81129 BERNARDI, G. The influence of overhead irrigation on the development of animal and vegetable parasites of grapes. (In Italian.) Campagnolo, June 1952(spec.no.):45-47. 16 C15
Diseases and insect pests.

81130 BLANCHARD, M. Comment lutter contre l'Orobanche spécieuse. Rev. Agr. de l'Afrique du Nord 50:184-186. Mar.21,1952. 80 R326

81131 BLAQUIERE, C. Une méthode graphique de mesure de l'efficacité des produits employés pour le traitement des maladies des feuilles. Phytoma 35: 13-17. Apr.1952. 464.8 P563

81132 BOARDMAN, M. T. Gloxinia bud blast. Gloxinian 1(6):13-14. May/June 1952. 96.06 G51

81133 BÖMEKE, H. Die blütezeit als spritztermin. erhöht den erfolg und vermindert die anzahl der spritzungen! Obstbauversring Mitt. 7:58-65. Apr.1952. 85 J76

81134 BORDEN, A. D. Spray chemical concentrations; recommendations for bulk, semiconcentrate, concentrate methods of spray application on deciduous fruit trees. Blue Anchor 29(3):24-26. Aug.1952. 286.83 B62

81135 BOURIQUET, G. Control of plant diseases in the French Overseas Territories. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:333-336. Ref. 1949,pub.1951. 279.9 Un32P

81136 BRIEJER, J. Einige ansichten über internationale abwehrmassnahmen gegen die verbreitung von pflanzenkrankheiten. Gesunde Pflanzen 4:134-136. May 1952. 464.8 G33

81137 BRIEN, R. M., and DINGLEY, J. M. A revised list of plant diseases recorded in New Zealand. New Zeal. Dept. Sci. & Indus. Res. B. 101,62 p. 1951. 330.9 N48B

81138 CHRISTENSEN, J. J. What's new in barley diseases? Barley Impr. Conf. Rpt. 7:12-14. 1952. 59.9 M583

81139 COMMONWEALTH MYCOLOGICAL INSTITUTE Distribution maps of plant diseases. 10,13,54,57,247-248, 251-252. Rev. to 1952. Kew, 1952. 464.9 Im7

81140 CRALL, J. M. Soybean diseases in Iowa in 1951. Plant Dis. Rptr. 36:302. July 15,1952. 1.9 P69P

81141 DAHL, M. H. Leaf spots-once more. Cox's Orange and Belle de Boskoop. (In Danish.) Erhvervsfrugtavleren 18:272-274. July 1,1952. 80 Er3

81142 FAURE, J. P. Céréales endommagées par la grêle; les principes de l'expertise topographique. Elevage et Cult. 4(42):13-14. June 1952. 24 EL2

81143 FAVARD, P. Les parasites du carthame. Terre d'Oc 34:194-196. May 1952. 14 Ar5

81144 FENSKA, R. R. Diagnosing tree troubles. Amer. Forests 58(8):13,41-42. Aug.1952. 99.8 F762

81145 FREZAL, P. A quoi attribuer les accidents constatés récemment dans les orangeries algériennes. Rev. Agr. de l'Afrique du Nord 50:277-279,311-313. May 2,16,1952. 80 R326
Diseases.

81146 GÄUMANN, E. Problèmes d'immunité chez les végétaux. Akad. Umiej. Wydz. Mat.-Przyrodniczy. Mém. Sér. B: Sci. Nat. 17,18 p. 1950,pub.1952. 512 K85M

81147 GONZALEZ GALLARDO, A., and DOTY, R. E. El combate de la rata cañera en El Dorado (Mejico); empleo de la "warfarina." Vida Agr. [Lima] 29:297, 299-304. Apr.1952. 9.8 V66

81148 GRAM, E. Auf der brücke nach Mexiko. Gesunde Pflanzen 4:124-127. May 1952. 464.8 G33
Plant diseases and U. S. quarantines.

81149 HAMACHER, W. Weisskohlanbau in gefahr! Landwirt. Z. der Nord-Rheinprov. 119:790-791. July 26, 1952. 18 L2344
Diseases and pests.

81150 HAMMERLUND, L. Significance of the quality of sprays. (In Danish.) Erhvervsfrugtavleren 18:274-276. July 1,1952. 80 Er3

81151 HANF, W. Verluste durch pflanzenseuchen; umfang von massnahmen zur abwehr. Gesunde Pflanzen 4:160-165. June 1952. 464.8 G33

81152 HENDRIX, J. W. Disease control of agricultural crops in Hawaii. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:330-333. Ref. 1949,pub. 1951. 279.9 Un32P

81153 HOOF, H. A. VAN. Cause of pit in cabbage and control of this disease. (In Dutch.) Zaadbelangen 6:138-139. June 30,1952. 61.8 Z1

81154 HOWARD, W. E., and HJERSMAN, H. A. Deer repellent sprays not harmful to foliage on two-year-old trees. J. Wildlife Mangt. 16:390-391. July 1952. 410 J827
Fruit trees.

81155 J. E. OHLSENS ENKES PLANTEPATOLOGISKE LABORATORIUM. 15. og sidste arsberetning. 15. and last annual report. 1. August 1949-31.July 1950. Kobenhavn, 1951. 33 p. 464.9 Oh4
English summary.

81156 JACKS, H. Compatibility of spray materials used in New Zealand on peaches—1952. Orchardist New Zeal. 25(5):16-17. June 1952. 80 Or19

81157 JACKS, H. Seed disinfection. II. Effect of various chemicals on the emergence of lettuce and pea seedlings. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 34:122-125. June 1952. 514 N48A

81158 KAMMERER, E. L. Winter injury (1951-52). Morton Arboretum. B. Pop. Inform. 27:25-28. June 1952. 99.9 M84

81159 LAMB, J. Crop protection by wet spraying compared with crop protection by dusting in 1951. Ceylon. Tea Res. Inst. Tea Q. 23:12-14. Mar.1952. 68.18 C33

81160 LAMBERT, E. B., and AYERS, T. T. An improved system of mushroom culture for better control of diseases. Plant Dis. Rptr. 36:261-268. July 15,1952. 1.9 P69P

81161 LEIB. Massenausfall von veredlungen durch gewebeschädigendes baumwachs. Gesunde Pflanzen 4:137-141. May 1952. 464.8 G33

81162 LINDEN, L. VAN DER. Some enemies of lettuce difficult to control. (In Flemish.) Tuinbouwberichten 16:84-86. June 15,1952. 80 T817
Diseases and pests.

81163 MAGDORF, R. Ein anonymer schädling an der roteiche. Allg. Forstz. 7:320-321. July 23,1952. 99.8 AL52

81164 MARTIN, H. Use of selective poisons in crop protection. Chem. Prod. (n.s.)15:247-251. July 1952. 382 C428

81165 MILES, H., and MILES, M. On apple scars and blemishes. New Biol. 10:55-71. Apr.1951. 442.8 J63

81166 MOORE, W. C. Plant diseases in the United Kingdom. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:325-327. 1949,pub.1951. 279.9 Un32P

81167 NEW SOUTH WALES. DEPT. OF AGRICULTURE. BIOLOGICAL BR. DIV. OF SCIENCE SERV. Diseases of potatoes. N. S. Wales. Dept. Agr. Plant Dis. L. 88,10 p. 1952. 464.9 N47

81168 NEW SOUTH WALES. DEPT. OF AGRICULTURE. ENTOMOLOGICAL BR. DIV. OF SCIENCE SERV. Diseases of carrots. N. S. Wales, Dept. Agr. Plant Dis. L. 106,4 p. 1952. 464.9 N47

81169 PEACE, T. R. The pathological section of the Forest Research Station. Roy. Inst. Chartered Surveyors. J. 32:114-116. Aug.1952. 282.9 C38J

81170 PERKITNY, T., WOJCIECHOWSKI, E., and WNUK, M. Pękanie surowca bukowego, analiza przyczyn i sposobów zapobiegania. Origination of shakes in beech logs, analysis of causes and means of prevention. Inst. Badawczy Leśn. Prace 68,59 p. 1951. 99.9 W26

81171 POWERS, W. J. We can save our peach trees! N. J. Farm & Gard. 23(8):24. (Cont.) Aug.1952. 6 G162

81172 PRZYGODDA, W. Sind vögel durch pflanzenschutzmittel gefährdet? Gesunde Pflanzen 4:169-173. Ref. June 1952. 464.8 G33

81173 RAALTE, D. VAN. Dahlia diseases. (In Flemish.) Cult. en Handel 18:397-398. July 1952. 80 C892

81174 RIBALDI, M. Preliminary research on drying up of the plant of Pinus nigra Arn. var. austriaca Hoess. (In Italian.) Soc. Ital. di Biol. Sper. B. 28:139-140. Feb.1952. 442.8 So12

81175 ROCASOLANO, C. Fuego y pájaros en el saneamiento de los predios. Cult. Mod. 35:216. June 1952. 15 C89
Prevention of diseases and pests.

81176 ROUSSEL, C. Observations sur les dégâts causés par la foudre sur la vigne en 1951. Phytoma 35: 10. Apr.1952. 464.8 P563

81177 RUI, D. Diseases and protection of our cherries. (In Italian.) Agr. Vicentina 83(14):2. (Concl.) July 13,1952. 16 Ag8257

81178 RUI, D. Diseases and protection of our cherries. (In Italian.) Informatore Agr. 8(13):3-4. (Cont.) June 19,1952. 281.8 In32

81179 RUI, D. Diseases and protection of our cherries. II. (In Italian.) Informatore Agr. 8(14):5. July 3,1952. 281.8 In32

81180 RUSSELL, SIR E. J. Wastage of world food supplies through diseases and pests. Shropshire & Surrounding Co. Agr. News 16:51,53,55. Dec.1951/Feb. 1952. 10 Sh8

81181 SARRABAY, J. Remarques sur la dégénérescence du Géranium rosat [Pelargonium] dans la région Blidéenne. Rev. Agr. de l'Afrique du Nord 50:335-336. May 23,1952. 80 R326

81182 SCARAMUZZI, G. On a dryness of olive branches. (In Italian.) Humus 8(4):16-18. May 1952. 16 H88

81183 SCHREAD, J. C. Habits and control of the Oriental earthworm. Conn. (State) Agr. Expt. Sta. B. 556,15 p. Apr.1952. 100 C76St

81184 SENNELS. Virus or effects of frost on Viola. (In Danish.) Frø og Gart. 17:40-41. Summer 1952. 80 F92

81185 SHEPARD, H. H. Regional distribution of pesticides used in crop years 1949-50 and 1950-51. Agr. Chem. 7(7):28-30. July 1952. 381 Ag8

81186 SILVEIRA, V. D. Elements of phytopathology. (In Portuguese.) Agronomia [Rio de Janeiro] 10:203-233. Ref. Oct./Dec.1951. 9.2 Ag892

81187 SOESMAN, J. G. Hevea tapping surface diseases and their control. (In Dutch.) Bergcultures 21: 243,245. June 16,1952. 22.5 B45

81188 SOUTH DAKOTA. STATE COLLEGE OF AGRICULTURE. EXTENSION SERV. South Dakota apple orchard spray schedule. S. Dak. State Col. Agr. Ext. L. 141,chart. May 1952. 275.29 So85E

81189 STAKMAN, E. C. The control of plant diseases. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:319-324. Ref. 1949,pub.1951. 279.9 Un32P

81190 STANDEN, J. H. Host index of plant pathogens of Venezuela. Plant Dis. Rptr. Sup. 212:59-106. June 15,1952. 1.9 P69P

81191 STEHLE, H. Le vanillier et sa culture. III. Maladies, insectes et affections diverses du vanillier. Fruits 7:253-260. Ref. June 1952. 80 F9492

81192 STOLZE, K. V. Einige krankheiten unserer heranwachsenden rüben, die wir beachten müssen. Praxis u. Forsch. 4:85-86. July 20,1952. 18 P89

81193 SUMSTINE, D. R. Some plant diseases in western Pennsylvania easily recognized. Trillia 11: 137-141. July 1951. 451 W52

81194 SYLVÉN, N. On the zoocecidia of Osbybeech, Fagus silvatica L. f. osbyensis Gertz. (In Swedish.) Bot. Not. 1952:97-100. 450 B656

81195 TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Guide for controlling insects and diseases on vegetable crops in the Lower Rio Grande Valley, by A. N. White, G. P. Wene, and G. H. Godfrey. College Station,1951. 18 p. 275.29 T312Gu

81196 TIAGNIENKO, E. Control y fiscalización de insecticidas, fungicidas y hierbicidas de uso agricola. Agro [El Valle] 6(20):59-63. Jan./May 1952. 9.95 Ag83 Venezuela.

81197 TRAPPMANN, W. Pflanzenschutzmittel in den USA. IV. Gesunde Pflanzen 4:143-146. May 1952. 464.8 G33

81198 UFER, M. Der einfluss der juni-nachtfröste 1949 im Kabulgebiet (Afghanistan) auf kultur-sonnenblumen. Z. f. Pflanzenzücht. 31:218-225. Mar.1952. 450 Z36

81199 VAN CLEVE, R. Crippled corn; if a hail storm strikes your corn, what will the results be? Ill. Agr. Assoc. Rec. 30(8):8-9. Aug.1952. 6 IL62
Effects on yield and quality at different stages of maturity.

81200 VERONA, O. On the presence in the coastal zones of Tuscany of diseases of uncertain etiology on fruit trees. (In Italian.) Ann. della Sper. Agr. (n.s.)6: 615-622. 1952. 16 An76
English summary.

81201 WATSON, R. C. Seed & soil treatments for prevention of diseases in vegetables & flowers. Idaho. Agr. Expt. Sta. Mimeog. L. 119,10 p. July 1952. 100 Id12

81202 WENZL, H. Bekämpft die kraut- und knollenfäule der kartoffeln! Pflanzenarzt 5(7):2-4. July 1,1952. 464.9 P482

81203 WISHART, R. L. Orchard spray programme for winter and spring. So. Austral. Dept. Agr. J. 55:500-505. May 1952. 23 So84

Diseases Caused by Fungi

81204 AFIFI, A. Production of rust resistant vulgare wheats by backcrossing. II. Roy. Agr. Soc., Egypt. B.36,34 p. Ref. 1952. 24 So13

81205 AMES, R. W. Gloeosporium ulmicolum reported on fruit of rock elm [Ulmus thomasi] and variegated English elm. Plant Dis. Rptr. 36:301. July 15,1952. 1.9 P69P

81206 ARANZA, A. Nuevos productos contra el mildiú. Ceres [Valladolid] 17(192):5,7. June 1,1952. 15 C33
In grapes.

81207 ATKINS, J. G., JR., and HORN, N. L. A simple greenhouse method for evaluating fungicides for control of cucumber anthracnose. Plant Dis. Rptr. 36:270-272. July 15,1952. 1.9 P69P

81208 BAZAN DE SEGURA, C. Nuevas enfermedades de la papa en el Perú: esclerotiniosis de la papa. Vida Agr. [Lima] 29:399,401,403. May 1952. 9.8 V66
Sclerotinia sclerotiorum.

81209 BOURIQUET, G. La maladie chancreuse [Septobasidium aleuritidis] de l'Aleurites. Phytoma 35: 11-12. Apr.1952. 464.8 P563

81210 BRUN, J. Sur quelques parasites responsables des anthracnoses de la papaye. Fruits 7:271-272. June 1952. 80 F9492

81211 CARLIER, L. Lutte contre le mildiou et la tavelure. Rev. Agr. de l'Afrique du Nord 50:352. May 30,1952. 80 R326
Dithane Z78

81212 CARO, S. DI. Wilting of apple sprouts from Monilia. (In Italian.) Informatore Fitopatol. 14:5-7. Oct.31,1951. 464.8 In8

81213 CASTAÑO A., J. J. Moniliasis del cacao en una región del Departamento de Caldas. Agr. Trop. 8(6): 21-25. June 15,1952. 26 Ag8

81214 CHESTER, K. S. Menace of oak wilt. Chemurg Digest 11(8):4-5. Aug.1952. 381 N213Na

81215 CHOWDHURY, S. Studies in the bunt of rice (Oryza sativa L.) Indian Phytopath. 4:25-37. Ref. 1951. 464.8 In2
Neovossia horrida.

81216 CLAPPER, R. B. Breeding and establishing new trees resistant to disease. Econ. Bot. 6:271-293. Ref. July/Sept.1952. 450 Ec7

81217 CRANDALL, B. S., and PATINO, B. Caldo bordelés. Cent. Nac. de Agron. C. Agr. 53,4 p. Jan. 1952. 8 Sa54C

81218 DARPOUX, H. Les tavelures du pommier et du poirier. Agr. Prat. 116:309-310. June 1952. 14 J82
Venturia inaequalis and V. pirina, respectively.

81219 DAVIS, B. H. Cause and control of tomato wilts. N. J. Agr. Expt. Sta. C. 548,2 p. July 1952. 100 N46S

81220 DEZEEUW, D. J. Causes & possible controls for cucumber spot rot. Canad. Food Indus. 23(8):30. Aug.1952. 286.83 C166
Cladosporium cucumerinum.

81221 EDWARDS, G. R. Ring spot of brussel sprouts and cabbages. So. Austral. Dept. Agr. J. 55:523. May 1952. 23 So84
Caused by Mycosphaerella brassicicola.

81222 EJSING, G. New preparations against potato mold and other fungus diseases. (In Danish.) Dansk Landbr. 71:306. June 26,1952. 280.28 V91

81223 EJSING, G. Zineb preparations against potato mildew and other fungus diseases. (In Danish.) Gart.-Tid. 68:247. July 7,1952. 80 G192

81224 ENGELHARD, J. L'application mécanisée des traitements fongicides aux semences. Motorisation Agr. 7:219,221,223. Apr.1952. 58.8 M85

81225 FEDER, W. A. Transit rot of Vanda orchid blossoms. Phytopathology 42:373-376. July 1952. 464.8 P56
Caused by a fungal complex of Botrytis, Gloeosporium and Alternaria.

81226 FRASELLE, J. V., and GEORTAY, G. Une grave maladie du caféier "robusta:" la trachéomycose. Inst. Natl. pour l'Étude Agron. du Congo Belge. B. d'Inform. 1:87-102. In Belgium. Min. des Colon. B. Agr. du Congo Belge 43(2). June 1952. 24 K83
Caused by Fusarium xylarioides.

81227 FRITZ, C. W. Brown stain in pine sapwood caused by Cytospora sp. Canad. J. Bot. 30:349-359. July 1952. 470 C16C

81228 GARCÉS O., C. Un reportaje al caldo bordelés. Soc. Antioqueña de Agr. B. Agr. 385:3415-3418. May 1952. 9.4 So1

81229 GATEHOUSE, R. C. Blister blight control on Dessford Group in 1951. Ceylon. Tea Res. Inst. Tea Q. 23:15-18. Mar.1952. 68.18 C33

81230 GHOSH, T., BASAK, M., and KUNDU, B. C. Effect of insolation and chemical treatment in relation to storing of jute seeds. Indian Phytopath. 4:38-44. 1951. 464.8 In2

81231 GERBER, A. Die Cercosporablattfleckenkrankheit. Bas-Rhin Agr. 7:320. July 5,1952. 14 B29
On sugar beets.

81232 GILL, L. S. A new host for Septogloeum gillii. Plant Dis. Rptr. 36:300. July 15,1952. 1.9 P69P
Arceuthobium americanum.

81233 GOVI, G. Two species of Cylindrocarpon on fruit trees. (In Italian.) Ann. della Sper. Agr. (n.s.)6: 793-804. Ref. 1952. 16 An76
English summary.

81234 GRASSO, V. Claviceps species on Italian Gramineae. I. (In Italian.) Ann. della Sper. Agr. (n.s.) 6:747-784. 1952. 16 An76
English summary.

81235 GUILLEMAT, J. Observation du "wilt" sur les cotonniers cultivés dans la région méditerranéenne. Phytoma 35:8-11. Mar.1952. 464.8 P563

81236 GUTIERREZ, M. E., AGATI, J., and BAYUBAY, S. Preliminary studies on the reaction of local and newly introduced varieties of tobacco to wilt and mosaic diseases. Philippine J. Agr. 15:235-248. Ref. Third/Fourth Q. 1950,pub.1952. 25 P543

81237 HAIR, J. B. Blind-seed [Phialea temulenta] of ryegrass. III. Effect of fungicides on the disease. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 34:117-121. June 1952. 514 N48A

81238 HAMILTON, D. G. Septoria on oats. Cereal News, Jan.1952:6-7. 59.9 C1622

81239 HANSBROUGH, J. R. Oak wilt [Chalara quercina] in Eastern States. Pa. Forests 37:45,52. Apr./June 1952. 99.8 F763

81240 HARRISON, T. J. Treat seed barley for smut. Prod. & Play, Apr.1952:3-8. 59.8 P94

81241 HINGORANI, M. K., and PRASAD, N. Seedling blight of rice in Sind. Indian Phytopath. 4:60-63. 1951. 464.8 In2
Fungi found to be associated with the disease.

81242 IURGENSON, P. B. Michurin's remedy against rust of roses. (In Russian.) Priroda 41(3):108-109. Mar.1952. 410 P933
Juice of Lactuca scariola.

81243 JEFFERS, W. F. Observations on occurrence of Azalea petal blight [Ovulinia azaleae] in Maryland. Plant Dis. Rptr. 36:301. July 15,1952. 1.9 P69P

81244 JENKINS, A. E. Flowering dogwood spot anthracnose and its control. Plant Dis. Rptr. 36:294-299. July 15,1952. 1.9 P69P
G. F. Weber, J. H. Miller, R. A. Jehle, R. S. Cox, J. W. Heuberger, and J. S. Boyce, Jr., joint authors.

81245 JENKINS, W. A. Notes on early season pathology of fluecured tobacco in southside Virginia and portions of the old belt in North Carolina. Plant Dis. Rptr. 36:278. July 15,1952. 1.9 P69P

81246 JOHNSON, T., and GREEN, G. J. Overwintering of urediospores of rye stem rust [Puccinia graminis] in Manitoba. Phytopathology 42:403-404. July 1952. 464.8 P56

81247 KATSURA, K. Studies on Phytophthora disease of economic plants, 1. Phytophthora disease of pumpkin and squash. Saikyo U. Facul. Agr. Sci. Rpt. 1:51-76. Ref. Apr.1951. 22.5 K99

81248 KEEGEL, E. L., and LOOS, C. A. Studies in blister blight control. IX-X. Ceylon. Tea Res. Inst. Tea Q. 23:2-11. Mar.1952. 68.18 C33

IX, The effect of spray residues on the quality of manufactured tea, by E. L. Keegel; X, Evaluation of some copper containing fungicidal dusts in the control of blister disease of tea, by C. A. Loos.

81249 KHOKHRIAKOV, M. K. Specialization of the organism of infectious drying up of lemons (Deuterophoma tracheiphila Petri). (In Russian.) Mikrobiologiia 21:210-218. Ref. Mar./Apr.1952. 448.3 M582

81250 KNAAP, W. P. VAN DER. Blister blight resisting types. (In Dutch.) Bergcultures 21:205,207. May 16.1952. 22.5 B45

Tea.

81251 KÖHLER, H. Möglichkeiten zur bekämpfung und verhütung des himbeerrutensterbens. Deut. Landwirt. 3:319-322. June 1952. 18 D4822

Didymella applanata and Leptosphaeria coniothyrium.

81252 KRAUS. Versuchsergebnisse und erfahrungen in Cercospora-bekämpfung. Landwirt. Wchnbl. 142:834-835. July 26,1952. 18 L2338

Sugar beets.

81253 KUMER. Der schorf und seine bekämpfung. Obst u. Gart. 7:73-74. May 1952. 80 Ob75

81254 LAOH, J. P. Observations on technical and economic possibilities of mechanical dusting of copper fungicides with domestic adjuvants for blister blight control. (In Dutch.) Bergcultures 21:192-193,195. May 16, 1952. 22.5 B45

Tea.

81255 LASSCHUIT, J. A., and VOLLEMA, J. S. The mildew resistant clone LCB 870. (In Dutch.) Bergcultures 21:257,259,261. July 1,1952. 22.5 B45

English summary.

Hevea.

81256 LETNES, A. Spraying against dry rot of potatoes. (In Norwegian.) Norsk Landbr. 18:274-275. Aug.1,1952. 11 N8122

81257 LEYENDECKER, P. J., JR. Cytospora canker of apple in New Mexico. Plant Dis. Rptr. 36:276-277. July 15,1952. 1.9 P69P

81258 LIHNELL, D. Late blight of potato year or not? (In Swedish.) Lantmannen 36:555-556. July 12, 1952. 11 L234

81259 LING, K. C., and MA, P. T. Studies on new improved granosan. III. Effect on the fungi which caused sugar cane diseases. (In Chinese.) J. Sugarcane Res. 6: 63-88. Apr.1952. 65.8 J822

English summary.

81260 LUTTRELL, E. S. Diseases of brome grasses in Georgia. Plant Dis. Rptr. 36:283-286. July 15,1952. 1.9 P69P

81261 MCKAY, R. Failures in oats due to root rot caused by Gibberella zeae. Roy. Dublin Soc. Sci. Proc. (n.s.)26:55-62. Ref. May 1952. 501 D85

81262 MALMUS, N. Die Cercospora-blattfleckenkrankheit der rübe und ihre bekämpfung. Deut. Landwirt.-Gesell. Mitt. 67:531-533. July 26,1952. 18 N39

81263 MILLER, J. H., BROWN, A., and JOHNSON, J. R. Notes on small grain diseases in Georgia for 1951-1952. Plant Dis. Rptr. 36:287. July 15,1952. 1.9 P69P

81264 MOHAJIR, A. R., ARNY, D. C., and SHANDS, H. L. Studies on the inheritance of loose smut resistance in spring barleys. Phytopathology 42:367-373. Ref. July 1952. 464.8 P56

81265 MONOT, G. La lutte contre le mildiou de la pomme de terre. Agriculture [Paris] 16:175-176. June 1952. 14 Ag823

81266 MOREAU, M. Une cause nouvelle de dépérissement des oeillets à Nice: la maladie à sclérotes. Acad. des Sci. Compt. Rend. 234:2641-2643. June 30, 1952. 505 P21

81267 MÜLLER-KÖGLER, E., and THIELICKE, W. Über versuche zur bekämpfung des eichenmehltaus. Forst u. Holz 7:159-162. June 16,1952. 99.8 F7724

Microsphaera quercina.

81268 MUNTANOLA, M. Relaciones antagónicas entre "Bacillus subtilis" (Cohn emend. Prazmowsky) y "Helminthosporium sacchari" (van Breda de Haan) Butler. Lilloa 23:319-330. Ref. 1950. 450 L62

81269 NEERGAARD, P. Centrospora root rot of Primula malacoides, a serious soil-borne disease in Denmark. Plant & Soil.4:128-140. June 1952. 450 P696

81270 NELSON, R., and MOOAR, M. Life history of the Stemphylium that causes red leaf spot of Gladiolus. Phytopathology 42:363-366. July 1952. 464.8 P56

81271 NEW SOUTH WALES. DEPT. OF AGRICULTURE. BIOLOGICAL BR. DIV. OF SCIENCE SERV. Brown patch of turf. N. S. Wales. Dept. Agr. Plant Dis. L. 73,2 p. 1952. 464.9 N47

Rhizoctonia solani and Curvularia spicata.

81272 NEW SOUTH WALES. DEPT. OF AGRICULTURE. BIOLOGICAL BR. DIV. OF SCIENCE SERV. Leaf curl [Taphrina deformans] of stone fruits. N. S. Wales. Dept. Agr. Plant Dis. L. 15,4 p. 1952. 464.9 N47

81273 NICOLAS, G., and AGGERY, B. Le charbon du maïs. Soc. Linn. de Lyon B. Mens. 20:163-165. Sept.1951 505 L992B

81274 NISHIKADO, Y., TAKAHASHI, R., and HIURA, U. Studies on the disease resistance in barley. I. Varietal differences in resistance to powdery mildew, Erysiphe graminis D. C. f. hordei Marchal. Ohara Inst. f. Landwirt. Forsch. Ber. 9:411-423. 1951. 107.6 Oh1

81275 ORDISH, F. G. Tull, Tillet and bunt. Gt. Brit. Min. Agr. Agriculture 59:235-238. Aug.1952. 10 G79J

Work of Jethro Tull and Matthieu Tillet on the cause and cure of bunt of wheat.

81276 ORLOS, H. Zwalczanie maczniaka Microsphaera alphitoides Griff. et Maubl. w szkółkach dębowych. Lutte contre le blanc du chêne Microsphaera alphitoides Griff. et Maubl. dans les pépinières de chêne. Inst. Badawczy Leśn. Prace 67,56 p. Ref. 1951. 99.9 W26

French summary.

81277 OVERELL, B. T. A toxin in culture filtrates of Sclerotinia sclerotiorum. Austral. J. Sci. 14:197-198. June 21,1952. 475 Au72

81278 PATEL, M. K., and KULKARNI, Y. S. Nomenclature of bacterial plant pathogens. Indian Phytopath. 4:74-84. Ref. 1951. 464.8 In2

Includes n. fam. Phytobacteriaceae with one n. gen. Chlorobacter.

81279 PEGLION, V. Fusicladium, parasite of pome fruits. (In Italian.) Italia Agr. 89:366-368. June 1952. 16 It1

81280 POURCHARESSE, P. Une maladie en progrès dans le vignoble moissagais; la fumagine de la vigne; comment la combattre? Tarn-et-Garonne Agr. 14:166. Nov.1951. 14 T17

81281 PUPILLO, M., and CARO, S. DI. Some observations on the Septoria species damaging the pistachio tree. (In Italian.) Ann. della Sper. Agr. (n.s.)6:623-634. 1952. 16 An76

English summary.

81282 QUIROS CALVO, M. Ojo de gallo (Omphalia flavida Maub & Rang). Agr. Costarricense 10:128-132. June 1952. 8 Ag895

On coffee.

81283 ROSEAU, H. Essais de lutte contre l'oïdium en 1950 et 1951. Rev. Agr. de l'Afrique du Nord 50: 280-285,299-301. May 2-9,1952. 80 R326

Powdery mildew on grapes.

81284 SARASOLA, A. A., and GARESE, P. Resistencia a Helminthosporium sativum en plantitas de trigo y cebada por tratamiento de la semilla con sulfato de cobre. Phyton [Buenos Aires] 1:47-67. Ref. Dec.1951. 450 P567

English summary.

81285 SCHAD, C., and others. Le problème du châtaignier en France. France. Min. de l'Agr. B. Tech. d'Inform. 70:385-397. June 1952. 14 F844B

G. Solignat, J. Grente, and P. Venot, joint authors.

Phytophthora cinnamomi and Endothia parasitica.

81286 SERVAZZI, O. First occurrence in Italy of Entyloma dahliae on Dahlia. (In Italian.) Mycopath. et Mycol. Appl. 6:99-103. Dec.30,1951. 450 M994

English summary.

81287 SHAFRANSKAIA, V. N. Anthracnose of acorns and its control. (In Russian.) Les i Step' 3(10):84-85. Oct.1951. 99.8 L565

Gloeosporium quercinum.

81288 SINGH, R. S., MEHTA, P. R., and SINGH, B. Red spot diseases of leaves of jowar (Andropogon sorghum Brot.) I. Ascochyta leaf spots. Indian Phytopath. 4:45-57. Ref. 1951. 464.8 In2

81289 STAMBAUGH, W. J., and BRAMBLE, W. C. The occurrence of Rhabdocline needle cast of Douglas fir in Pennsylvania. Plant Dis. Rptr. 36:292-293. July 15,1952. 1.9 P69P

R. pseudotsugae.

81290 STOLZE. Wann gegen krautfäule [Phytophthora] und kartoffelkäfer [Leptinotarsa decemlineata] spritzen? Landwirtbl. Weser-Ems 99:635. June 26, 1952. 18 L2345

81291 STONER, W. N. A fungicidal control for powdery mildew, Leveillula taurica (Lév.) Arn., of kenaf, Hibiscus cannabinus L. in south Florida. Plant Dis. Rptr. 36:302-303. July 15,1952. 1.9 P69P

81292 STOREY, I. F. Summer troubles in the houses. Grower [London] 38:215. Aug.2,1952. 286.83 M34

Verticillium on mushrooms.

81293 SUSSMAN, A. S. Studies on an insect mycosis. IV. The physiology of the host-parasite relationship of Platysamia cecropia and Aspergillus flavus. Mycologia 44:493-505. Ref. July/Aug.1952. 450 M99

81294 THACKER, D. G., and GOOD, H. M. The composition of air in trunks of sugar maple in relation to decay. Canad. J. Bot. 30:475-485. Ref. July 1952 470 C16C

81295 THENARD J. Remarques sur le traitement des semences. Phytoma 35:22. Mar.1952. 464.8 P563

81296 THIJN, G. A. Potato varieties and powdery mildew [Erysiphe] attacks. Euphytica 1:84-86. July 1952. 450 Eu6

81297 THIRUMALACHAR, M. J., and LACY, R. C. A leaf spot disease of Panicum repens, incited by a phycomycetous parasite. Mycopath. et Mycol. Appl. 6:72-75. Dec.30,1951. 450 M994

Petersenia panicicola n. sp.

81298 TOGLIANI, F. Control of downy mildew of grapes. (In Italian.) Campagnolo, June 1952(spec.no.): 25-26. 16 C15

81299 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Control of Dutch elm disease and elm phloem necrosis. U. S. D. A. L. 329,11 p. June 1952. 1 Ag84L

U. S. Bureau of Plant Industry, Soils, and Agricultural Engineering Cooperating.

81300 U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. Data on wheat breeding materials resistant to stem rust race 15B in the greenhouse at Beltsville, Md., in 1950-51 and their field reaction in the summer of 1951. Beltsville,1952. 7 p. 1.965 C2D26

81301 VANDERWALLE, R. Le pietin du froment. Sillon Belge 22(517):6. July 12,1952. 13 Si3

Chiefly Ophiobolus graminis and Cercosporella herpotrichoides.

81302 VOIGHT, S. Que sabe usted del oido. Selec. Rur. 7(29):33-34. Apr./June 1952. 9.9 Se4

81303 WAGER, V. A. The scab disease of citrus. Farming So. Africa 27:281,288. May 1952. 24 So842

Sphaceloma fawcetti.

81304 WARNER, O. F. Connecticut combats Dutch elm disease. Arborist's News 17:55-59. July 1952. 99.8 Ar14

81305 WEIMER, J. L. Pythium root and stem rot of lupines. Plant Dis. Rptr. 36:279-282. July 15,1952. 1.9 P69P

81306 WENZL, H. Was leisten die schorfspritzungen? Pflanzenarzt 5(7):8-10. July 1,1952. 464.9 P482

81307 WHITE, R. Oak wilt could be more than a lumberman's problem. Ohio Conserv. B. 11,i.e.16(3):20-21,31. Mar.1952. 279.9 Oh330

81308 WHITE, W. L., and DARBY, R. T. A refrigerator cabinet for fungal cultures. Mycologia 44:578-580. July/Aug.1952. 450 M99

81309 ZIEGER, P. E. Das ulmensterben. Wald 2: 21-26. Jan.1952. 99.8 W143

Diseases Caused by Bacteria

81310 ANDERSON, H. W. Maintaining virulent cultures of Erwinia amylovora and suggestion of overwinter survival in mummied fruit. Plant Dis. Rptr. 36:301-302. July 15,1952. 1.9 P69P

81311 APPLER, H. Uber die tumorbildung durch Pseudomonas tumefaciens und durch heteroauxin an Helianthus annuus. Biol. Zentbl. 70:452-469. Ref. 1951. 442.8 B523

81312 BOOSALIS, M. G. The epidemiology of Xanthomonas translucens (J. J. and R.) Dowson on cereals and grasses. Phytopathology 42:387-395. Ref. July 1952. 464.8 P56

81313 DONNELLY, E. D. Screening for wilt [Corynebacterium insidiosum] resistance in alfalfa. Agron. J. 44:386-387. July 1952. 4 Am34P

81314 MIRZABEKIAN, R. O. Effect of microbes-antagonistes and their antibiotic substances on a series of organisms of bacterial diseases of agricultural plants. (In Russian.) Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(5):34-38. Ref. 1952. 20 Ak1

81315 MUNTANOLA, M. La bacteriosis de los sorgos debida a Pseudomonas andropogoni (E. F. Smith) Stapp, en la Republica Argentina. Lilloa 23:307-317. Ref. 1950. 450 L62

81316 NEW SOUTH WALES. DEPT. OF AGRICULTURE. BIOLOGICAL BR. DIV. OF SCIENCE SERV. Bacterial canker of stone fruit. N. S. Wales. Dept. Agr. Plant Dis. L. 45,4 p. 1952. 464.9 N47

81317 NORTON, D. C. Fire blight. Tex. Agr. Col. Ext. C. 295,6 p. n.d. 275.29 T312C

81318 OKSENT'IAN, U. G. Etiology of black chaff of wheat. (In Russian.) Mikrobiologiia 21:205-209. Ref. Mar./Apr.1952. 448.3 M582

Xanthomonas translucens var. undulosum.

81319 TESSI, J. L. "Xanthomonas translucens F. S. hordei" en La Argentina y determinación de variedades de cebada resistentes. Argentina. Dir. Gen. de Invest. Agr. Rev. de Invest. Agr. 5:353-373. Ref. July 1951. 9 R329

81320 THOMAS, W. D., JR., and HENDERSON, W. J. Fireblight loses its sting. Colo. Farm & Home Res. [Colo. Sta.] 3:6-7,10-11. May/June 1952. 100 C712Co

Control on apples and pears.

81321 THOMAS, W. D., JR., and HENDERSON, W. J. Spray experiments for the control of fire blight on apples and pears, 1947-1950. Plant Dis. Rptr. 36:273-275. July 15,1952. 1.9 P69P

81322 VASUDEVA, R. S., and HINGORANI, M. K. Tannan or tundu disease of wheat. Indian Farming (n.s.) 2(3):14,19. June 1952. 22 In283

Corynebacterium tritici.

Viruses and Virus Diseases

81323 AGATI, J. A., and CALICA, C. A. Studies on the host-range of the rice and corn leaf-gall virus. Philippine J. Agr. 15:249-260. Ref. Third/Fourth Q. 1950,pub.1952. 25 P543

81324 AMES, R. W. Tests for elm phloem necrosis. Plant Dis. Rptr. 36:288-291. July 15,1952. 1.9 P69P

81325 BEINHART, E. G., and MORGAN, O. D. Preliminary study of sterilizing tobacco stems against mosaic diseases. U. S. Bur. Agr. & Indus. Chem. AIC-334,6 p. Apr.1952. 1.932 A2Ag82

81326 CAIRASCHI, E. A. Quelques observations sur l'état sanitaire du vignoble américain. Prog. Agr. et Vitic. 69:59-63. Aug.3,1952. 14 P94

Control of virus diseases.

81327 CHEO, P. C., POUND, G. S., and WEATHERS, L. G. The relation of host nutrition to the concentration of cucumber virus 1 in spinach. Phytopathology 42:377-381. July 1952. 464.8 P56

81328 CORNUET, P. Sur l'extraction et l'inoculation par voie mécanique de certains virus affectant les fraisiers. Acad. des Sci. Compt. Rend. 235:271-273. July 21,1952. 505 P21

81329 COSTA, A. S. Further studies on tomato curly top in Brazil. Phytopathology 42:396-403. Ref. July 1952. 464.8 P56

81330 DUCHARME, E. P. Naturaleza y control de la tristeza de los citrus. Argentina. Dir. Gen. de Invest. Agr. Rev. de Invest. Agr. 5:317-351. Ref. July 1951. 9 R329

81331 ERNOULD, L. La jaunisse de la betterave. Inst. Belge pour l'Amélior. de la Betterave P. 1,11 p. Mar.1952. 66.9 In7

81332 GOLDSMITH, M. Gold Coast tests may speed victory over plant diseases. Good Husb. 2(9):9. May 1952. 24 G59

Control of swollen shoot disease of cacao by use of a systemic insecticide known as Hanane.

81333 HAHMANN, K., and MULLER, H. W. K. Aktuelle pflanzenschutzprobleme im blumen- und zierpflanzenbau; virusprobleme. Gesunde Pflanzen 4:128-131. (Cont.) May 1952. 464.8 G33

81334 HUGLIN, P. Die infektiösen abbaukrankheiten der rebe. Höhere Bundeslehr- u. Versanst. f. Wein- u. Obstbau. Mitt. 2:91-98. Ref. May 1952. 105.9 K696

English summary.

81335 KNORR, L. C., and DUCHARME, E. P. Recognizing tristeza. Citrus Mag. 14(12):23-26. Aug. 1952. 80 C498

81336 KÖHLER, E. Vom wesen des pflanzlichen virus. Übersicht 3(6):31-35. June 1952. 18 Ub3

81337 KRISTENSEN, H. R. False sting of apples—a new virus disease. (In Danish.) Gart.-Tid. 68:287-288. Aug.11,1952. 80 G192

81338 LIMASSET, P. Le controle serologique en 1951. Pomme de Terre Franç. 15(153):3-5. May 1952. 75.8 P77
Texts for X virus and Y virus.

81339 LOBO, M. R. C. Virus and virus diseases. (In Portuguese.) Gaz. do Agr. 4:114-119. May 1952. 24 G25
In plants.

81340 MILBRATH, J. A. The mora virus disease of sweet cherry. Phytopathology 42:347-348. July 1952. 464.8 P56

81341 PAVILLARD, J. Recherches sur la croissance des plantes virosées: virus et auxines. Acad. des Sci. Compt. Rend. 235:87-88. July 7,1952. 505 P21

81342 POBEGAJLO, I. Sharka-virose of plum (Plum-pox), its appearance in Bosnia and Herzegovina and experiments on its elimination by way of agrotechnical measures. (In Serbo-Croatian.) Biol. Inst. God. 4: 29-40. Ref. 1951. 442.9 Sa73
English summary.

81343 POSNETTE, A. F., and HARRIS, R. V. Virus diseases of fruit crops. Nature [London] 170:181-182. Aug.2,1952. 472 N21

81344 REVILLA M., V. Nueva enfermedad de la caña de azúcar. Vida Agr. [Lima] 29:475,477-478. June 1952. 9.8 V66
Virus disease caused by Marmor sacchari.

81345 ROBERTS, D. A. Independent translocation of sap-transmissible viruses. Phytopathology 42: 381-387. Ref. July 1952. 464.8 P56
Tests with Marmor tabaci, M. cucumeris, Annulus tabaci and A. dubius.

81346 SILL, W. H., JR., and WALKER, J. C. A virus inhibitor in cucumber in relation to mosaic resistance. Phytopathology 42:349-352. Ref. July 1952. 464.8 P56

81347 SMITH, K. M. Latency in viruses and the production of new virus diseases. Cambridge Philos. Soc. Biol. Rev. 27:347-357. Ref. Aug.1952. 442.9 C14
Plants and insects.

81348 STEYAERT, R. L., and LAERE, R. VAN. La "cannelure" ou "stem pitting" du pamplemoussier au Congo Belge. Belgium. Min. des Colon. B. Agr. du Congo Belge 43:447-454. June 1952. 24 K83

81349 STEYAERT, R. L. La "tristeza" des agrumes. Belgium. Min. des Colon. B. Agr. du Congo Belge 43:399-446. Ref. June 1952. 24 K83

81350 WALTERS, H. J. Some relationships of three plant viruses to the differential grasshopper, Melanoplus differentialis (Thos.) Phytopathology 42:355-362. Ref. July 1952. 464.8 P56

81351 ZABALA, S. El mosaico de la alfalfa. Bolsa de Cereales. Rev. 38(2049):4,13. (Cont.) June 26, 1952. 287 B866

81352 ZELLER, A., and FOSSLEITNER-KARL, H. Virusnachweis durch formoltitration? Bundesanst. f. Alpine Landwirt. Veröffentl. 6:138-149. 1952. 19 Ad6
In potatoes.

Diseases Caused by Nematodes

81353 CARROLL, J. Eelworm and insect pests. I. The root eelworms [Heterodera]. Agr. Ireland 9:172-173. Aug.1952. 10.5 Ag8

81354 DROPKIN, V. H. Studies on inheritance in Meloidogyne, the root-knot nematode. (Abs.) J. Parasitol. 38(4,sect.2):;8. Aug.1952. 448.8 J824

81355 GARRISS, H. R. Yes, nematodes threaten danger to your farm! Prog. Farmer, Carolinas-Va. Ed. 67 (8):16-17,97. Aug.1952. P945
Control of nematode root rot of tobacco.

81356 GOFFART, H. Zur frage der bekämpfung von nematoden mit methylbromid. Anz. f. Schädlingsk. 25: 104-106. Ref. July 1952. 421 An9

81357 KIR'IANOVA, E. S. Bluegrass nematode—Anguina poophila Kirjanova, sp. nova. (In Russian.) Zool Zhur. 31:223-227. Ref. Mar./Apr.1952. 410 R92

81358 LEAR, B. Prevent the spread of golden nematode [Heterodera rostochiensis] of potatoes; disinfest burlap bags and machinery with methyl bromide. N. Y. Agr. Col. Cornell Ext. B. 866,4 p. July 1952. 275.29 N48E

81359 MAI, W. F., and LOWNSBERY, B. F. Crop rotation in relation to the golden nematode population of the soil. Phytopathology 42:345-347. July 1952. 464.8 P56

81360 NEETHLING, J. L. Scientists discover more about eelworm. Rhodesian Farmer 5(50):7. May 21,1952. 24 R347

81361 NETHERLANDS. PLANTENZIEKTENKUNDIGE DIENST. Bladaaltjes in siergewassen [Nematodes of ornamental plants]. Netherlands. Plantenziektenk. Dienst. Vlugschr. 3,4 p. May 1952. 464.9 W12V
Aphelenchoides ritzema-bosi (Schwartz) Steiner and fragariae (Ritz. Bos) Christie.

81362 OTEIFA, B. A. Potassium nutrition of the host in relation to infection by a root-knot nematode Meloidogyne incognita. Helminthol. Soc. Wash. Proc. 19:99-104 Ref. July 1952. 436.9 H36

81363 RASKI, D. J., and SHER, S. A. Sphaeronema californicum, nov. gen. nov. spec., (Criconematidae: Sphaeronematinae, nov. subfam.) an endoparasite of the roots of certain plants. Helminthol. Soc. Wash. Proc. 19:77-80. July 1952. 436.9 H36

81364 RODRIGUEZ LANDAETA, A. El anillo rojo del cocotero. Agro [El Valle] 6(20):13-18. Jan./May 1952. 9.95 Ag83
Caused by Aphelenchus cocophilus.

81365 SAVARY, A. Le nématode doré de la pomme de terre, Heterodera rostochiensis Wollenweber. Rev. Romande d'Agr. de Viticult. et d'Arboricult. 8:44-46. June 1952. 17 J82A

81366 TAYLOR, A. L., FELDMESSER, J., and FASSULIOTIS, G. An improvement in the method of searching for Heterodera cysts. Plant Dis. Rptr. 36: 269. July 15,1952. 1.9 P69P

81367 ZOBRIST, L., and BOUCHET, R. Chrysanthemen-älchen, ein gelöstes problem. Schweiz. Gärtztg. 55(15):2-5. Apr.18,1952. 80 G1939

ECOLOGY

81368 BARD, G. E. Secondary succession on the Piedmont of New Jersey. Ecol. Monog. 22:195-215. Ref. July 1952. 410 Ec72

81369 BATINICA, D. Die alpenweiden der pflanzengemeinschaft "Nardetum strictae." (In Serbo-Croatian.) Biol. Inst. God. 3:93-114. Ref. 1950, pub.1951. 442.9 Sa73
German summary.

81370 BELIZ, J. M., and ABREU, J. P. Ecological notes. II. (In Portuguese.) Soc. Broteriana Mem. 7:5-14. Ref. 1951. 451 C66M
Portugal.
English summary.

81371 BOARDMAN, C. M. Ecology of some western Pennsylvania mosses. Trillia 11:163-165. July 1951. 451 W52

81372 BOCHER, T. W. Lichen-heaths and plant successions at Østerby on the isle of Laesø in the Kattegat. Danske Vidensk. Selsk. Biol. Skr. 7(4),23 p. 1952. 442.9 D23B

81373 BROWN, R. T., and CURTIS, J. T. The upland conifer-hardwood forests of northern Wisconsin. Ecol. Monog. 22:217-234. Ref. July 1952. 410 Ec72

81374 CARMIN, J. Biotops Ch and Bk. Independ. Biol. Lab. B. 7(1),7 p. Aug.1951. 442.9 T23
Israel.

81375 DANSEREAU, P., and SEGADAS-VIANNA, F. Ecological study of the peat bogs of eastern North America. Canad. J. Bot. 30:490-520. Ref. July 1952. 470 C16C

81376 DAWSON, E. Y. Circulation within Bahia Vizcaino, Baja California, and its effects on marine vegetation. Amer. J. Bot. 39:425-432. July 1952. 450 Am36

81377 DOMINIK, T. Recherches sur le mycotrophisme des associations végétales sur les dunes du littoral de la mer et sur les dunes continentales. (In Polish.) Soc. Bot. Polon. Acta 21:125-164. Ref. 1951. 451 So16
French summary.

81378 FINA, A. L. DE, and GARBOSKY, A. J. Calculations, key and notation used in surveys of agro-ecological suitability based on index plants. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 139-149. 1949,pub.1951. 279.9 Un32P

81379 GLIŠIC, M. Phytocoenologische ansichten über die aufforstung der waldbrandflächen. (In Serbo-Croatian.) Biol. Inst. God. 3:115-130. Ref. 1950,pub.1951. 442.9 Sa73
German summary.

81380 HUECK, K. Estudio ecológico y fitosociológico de los medanos de Cafayate (Salta). Lilloa 23:63-115. Ref. 1950. 450 L62
English summary.

81381 KATS, N. IA. In regard to the history of forests in the Baltic Area in the late- and post-glacial period. (In Russian.) Akad. Nauk SSSR. Dok. 84:603-606. Ref. May 21,1952. 511 P444A
An ecological study.

81382 KOCZWARA, M. Thymus carnosulus Vel. (In Polish.) Soc. Bot. Polon. Acta 21:39-42. 1951. 451 So16
French summary.
Ecological study.

81383 MALAISE, V. VON. Das höhenklima unter der berücksichtigung des einflusses auf die pflanzenwelt. Allgäuer Bauernbl. 20:341-342. July 3,1952. 18 AL53

81384 MARCELLO, A. Phenological notes on the plants of Elba Island. (In Italian.) Nuovo Gior. Bot. Ital. 58:73-96. Ref. 1951. 450 N92
English summary.

81385 MONTELUCCI, G. The "Macchia Grande" of Pontegaleria-maccarese (Rome). (In Italian.) Nuovo Gior. Bot. Ital. 58:1-12. 1951. 450 N92
English summary.

81386 MOOR, M. Die Fagion-gesellschaften im schweizer Jura. Schweiz. Natforsch. Gesell. Pflanzengeog. Komm. Beitr. z. Geobot. Landesaufnahme der Schweiz. 31,201 p. Ref. 1952. 451 Sch9B

81387 PIGNATTI, S. Note on ecological research at Laguna Veneta. (In Italian.) Nuovo Gior. Bot. Ital. 58:182-184. 1951. 450 N92

81388 RAABE, E. W. Uber das erkennen der aufforstungsdringlichkeit minderwertiger böden in Schleswig-Holstein nach den bodenwerten der reichsbodenschätzung und pflanzen-soziologischen untersuchungen. Natwiss. Ver. f. Schleswig- Holstein. Schr. 26:69-92. 1952. 509 K54

81389 ROACH, A. W. Phytosociology of the Nash crater lava flows, Linn County, Oregon. Ecol. Monog. 22:169-193. Ref. July 1952. 410 Ec72

81390 SCHMITZ, H. Moortypen in Schleswig-Holstein und ihre verbreitung. Natwiss. Ver. f. Schleswig. Holstein. Schr. 26:64-68. 1952. 509 K54

81391 STOYANOV, J. Die bodenvegetation als standortsanzeiger nach untersuchungen in den buchenwäldern vom bergenge Petrohanski Prohod (Stara-Planina Gebirge). (In Bulgarian.) Bulgarska Akad. na Nauk. Biol. Inst. Izv. 2:83-120. Ref. 1951. 442.9 B87
German summary.

81392 TISCHLER, W. Der biozönotische konnex. Biol. Zentbl. 70:517-523. Ref. 1951. 442.8 B523

81393 TOMASELLI, R. Sociology and ecology of Aphyllanthion in Alta Provenza Occidentale. (In Italian.) Nuovo Gior. Bot. Ital. 58:185-187. 1951. 450 N92

81394 TOSCO, U. Floristic decadence of the sand-hills of Grugliasco (Turin). (In Italian.) Nuovo Gior. Bot. Ital. 58:27-59. Ref. 1951. 450 N92
English summary.

81395 TOYOKUNI, H. Uber die vegetation des Numanohara-hochmoors von Daisetsu-vulkanischen gruppe in den Provinzen Isikari und Tokati. (In Japanese.) J. Jap. Bot. 27:125-129. Apr.1952. 450 J8223
German summary.

81396 TRUSZKOWSKA, W. Recherches sur le mycotrophisme de l'association végétale de la prairie située dans le bas-fond à Psie Pole près de Wrocław. (In Polish.) Soc. Bot. Polon. Acta 21: 195-216. Ref. 1951. 451 So16
French summary.

81397 VARESCHI, V. Zur frage der oberflächenentwicklung von pflanzengesellschaften der Alpen und subtropen. Planta 40:1-35. Ref. 1951. 450 P693

MORPHOLOGY, ANATOMY, AND CYTOLOGY

81398 ALBO, G. Reproduction and distribution of sex in Ceratonia siliqua. (In Italian.) Nuovo Gior. Bot. Ital. 58:60-72. Ref. 1951. 450 N92
English summary.

81399 BALBAA, S. I., and SABER, A. H. The fruit of Hyoscyamus muticus L., its macro- and micromorphology. Amer. Pharm. Assoc. J. Sci. Ed. 41:431-438. Aug.1952. 396.9 Am33J

81400 BARDINSKAIA, M. S. Formation of lignin in sugar beet roots. (In Russian.) Akad. Nauk SSSR. Izv. Ser. Biol. 2:111-120. Ref. Mar./Apr.1952. 511 Sa2B

81401 BATRA, S. Induced tetraploidy in muskmelons. J. Hered. 43:141-148. May/June 1952. 442.8 Am3

81402 BERGER, F. Handbuch der drogenkunde. v.3. Wien,Maudrich,1952. 558 p. Ref. 396 B455
Chiefly anatomy of fruit of various plants.

81403 BOTELHO, M. On the caryology of Fritillaria lusitanica Wickstr. (In Portuguese.) Soc. Broteriana. B. (ser.2)25:5-24. Ref. 1951. 451 C66
French summary.

81404 BRETT, O. E. Basic chromosome numbers in the genus Cerastium. Nature [London] 170:251-252. Aug.9,1952. 472 N21

81405 BRINGMANN, G. Über beziehungen der kernäquivalente von schizophyten zu den mitochondrien höher organisierter zellen. Planta 40:398-406. Ref. 1952. 450 P693

81406 BROOKS, E. R., and GUARD, A. T. Vegetative anatomy of Theobroma cacao. Bot. Gaz. 113:444-454. June 1952. 450 B652

81407 BRYAN, G. S. The cellular proembryo of Zamia and its cap cells. Amer. J. Bot. 39:433-443. Ref. July 1952. 450 Am36

81408 BUELL, K. M. Developmental morphology in Dianthus. II. Starch accumulation in ovule and seed. Amer. J. Bot. 39:458-467. Ref. July 1952. 450 Am36

81409 CAMPO-DUPLAN, M. VAN. Recherches sur la phylogénie des Taxodiacées d'après leurs grains de pollen. Toulouse. U. Lab. Forest. Trav. 2, sect.1(4, article 2),11 p. 1951. 99.9 T64

81410 CANRIGHT, J. E. The comparative morphology and relationships of the Magnoliaceae. I. Trends of specialization in the stamens. Amer. J. Bot. 39:484-497. Ref. July 1952. 450 Am36

81411 CAPINPIN, J. M., and ALONZO, J. C. An experimental study of odd-rowed maize ears. Philippine Agr. 35:32-36. June 1951. 25 P542

81412 CARLONE, R. Study of the differenciation of buds in apples. (In Italian.) Riv. di Frutticolt. 14: 138-146. Ref. July 1952. 80 R52
English summary.

81413 DAHL, A. O. The comparative morphology of the Icacinaceae. VI. The pollen. Arnold Arboretum J. 33:252-295. July 1952. 451 Ar6J

81414 DATTA, R. M. Meiosis in Corchorus capsularis Linn. Sci. & Cult. 17:523. June 1952. 475 Sci24

81415 DESOLE, L. First contribution to a knowledge of the embryological development of the genus Centaurea L. (Asteraceae). (In Italian.) Nuovo Gior. Bot. Ital. 58:162-168. 1951. 450 N92
English summary.

81416 DUTT, M. Chromosome numbers in some ornamental jasmines. Sci. & Cult. 17:527-528. June 1952. 475 Sci24

81417 FAHN, A. On the structure of floral nectaries. Bot. Gaz. 113:464-470. Ref. June 1952. 450 B652

81418 FERNANDES, A Sur la phylogénie des espèces du genre Narcissus L. Soc. Broteriana. B. (ser.2)25: 113-190. Ref. 1951. 451 C66

81419 FERNANDES, A. Sur l'hétérochromatinisation des chromosomes nucléolaires. Soc. Broteriana. B. (ser.2)25:249-286. Ref. 1951. 451 C66

81420 GOETZ, J. The curviformity of the Polish larch in Góra Chelmowa. (In Polish.) Soc. Bot. Polon. Acta 21:181-190. 1951. 451 So16
English summary.

81421 HACCIUS, B. Uber die blattstellung einiger Hydrocharitaceen-embryonen. Planta 40:333-345. Ref. 1952. 450 P693

81422 HÅKANSSON, A. Seed development in Bowlesia tenera. Bot. Not. 1952:33-45. 450 B656

81423 HAMEL, J. L. Notes préliminaires à l'étude caryologique des Saxifragacées. VI. Les chromosomes somatiques des Kirengeshoma palmata Yatabe, Deinanthe coerulea Stapf et Schizophragma integrifolium (Franch) Oliv. Mus. Natl. d'Hist. Nat. B. (ser.2)23:651-654. Dec.1951,pub.Mar.15,1952. 410.9 P213

81424 HOLLISTER, J. M. Plant galls. Fla. Nat. 25: 107-108. July 1952. 413.9 F66F

81425 JENSEN, P. B. Untersuchungen über die bildung der galle von Mikiola Fagi. Danske Vidensk. Selsk. Biol. Meddel 18(18),18 p. 1952. 442.9 D23
English summary.

81426 KADRY, A. E. R. The development of microsporangium and pollen grains in Cistanche tinctoria (Forssk.) G. Beck. Bot. Not. 1952:46-57. Ref. 450 B656

81427 KAVALJIAN, L. G. The floral morphology of Clethra alnifolia with some notes on C. acuminata and C. arborea. Bot. Gaz. 113:392-413. Ref. June 1952. 450 B652

81428 KIFFMANN, R. Morphologie und systematik der landwirtschaftlich bedeutsamen wicken- (Vicia-) und linsen- (Léns-) arten. Z. f. Acker- u. Pflanzenbau 94: 422-479. Ref. May 1952. 18 J825

81429 KORIĆ, M., and KORIĆ, S. Neue teratologische formen des weizens. (In Serbo-Croatian.) Biol. Inst. God. 3:55-78. Ref. 1950,pub.1951. 442.9 Sa73
German summary.

81430 KRAPOVICKAS, A., and RIGONI, V. A. Estudios citológicos en el genero "Arachis." Argentina. Dir. Gen. de Invest. Agr. Rev. de Invest. Agr. 5:289-293. Ref. July 1951. 9 R329

81431 LEWIN, R. A. Studies on the flagella of algae. I. General observations on Chlamydomonas moewusii Gerloff. Biol. B. 103:74-79. Ref. Aug.1952. 442.8 B52

81432 LOCQUIN, M. Le port des champignons à chapeau. Soc. Linn. de Lyon B. Mens. 20:157-159. Sept. 1951. 505 L992B

81433 LUSH, P. A. Secondary piliferous layer in the lupin. Nature [London] 170:127. July 19,1952. 472 N21

81434 MCVEAN, D. N., and BERRIE, A. Hermaphrodite Empetrum in Sutherland, June, 1950. Scot. Nat. 64: 45. July 1952. 410 Sco3

81435 MANTON, I., and others. Further observations on the structure of plant cilia, by a combination of visual and electron microscopy. J. Expt. Bot. 3: 204-215. Ref. June 1952. 450 J8224
B. Clarke, A. D. Greenwood, and E. A. Flint, joint authors.

81436 MIDDLEBROOK, M. J., and PRESTON, R. D. Spiral growth and spiral structure. III. Wall structure in the growth zone of Phycomyces. Biochim. et Biophys. Acta 9:32-48. Ref. July 1952. 381 B522

81437 MOTTE, J. Interprétation phylogénétique des formes anthéridiennes tératologiques chez les Polypodiacées. Acad. des Sci. Compt. Rend. 235:203-205. July 16,1952. 505 P21

81438 NAKAZAWA, S. On the elaters of Equisetum arvense L. Tôhoku U. Sci. Rpt. Ser. 4 (Biol.) 19:199-206. Mar.1952. 513 T574Ab

81439 PAULEY, S. S., and JOHNSON, A. Aberrant silver maples [Acer saccharinum]. Arnold Arboretum J. 33:296-298. July 1952. 451 Ar6J

81440 PIJL, L. VAN DER. Ecological variations on the theme pod. Madjalah Ilmu Alam untuk Indonesia 108:6-12. Jan./Apr.1952. 514 B31

81441 PRESTON, R. D., and SINGH, K. The fine structure of bamboo fibres. II. Refractive indices and wall density. J. Expt. Bot. 3:162-169. June 1952. 450 J8224

81442 PY, C. Nouvelles données sur la fasciation de l'ananas. Fruits 7:342-346. July 1952. 80 F9492

81443 RAVEN, C. P. Lithium as a tool in the analysis of morphogenesis in Limnaea stagnalis. Experientia 8:252-257. Ref. July 15,1952. 475 Ex7

81444 ROTH, I. Beiträge zur entwicklungsgeschichte der schildblätter. Planta 40:350-376. 1952. 450 P693

81445 SARAZIN, A. S. The cultivated mushroom. 4. Morphology. MGA Bulletin 31:204-205. (Concl.) July 1952. 80 M97

81446 SAURA, F. Comportamiento cariológico de Lolium perenne Linn., Lolium multiflorum Lam. y de su F_1. Buenos Aires. U. Facul. de Agron. y Vet. Rev. 13: 90-107. Dec.1951. 9 B863
English summary.

81447 SOSSOUNTZOV, I. Remarques sur les colonies prothalliennes de Gymnogramme calomelanos à "masse nécrosée centrale." Soc. de Biol. Compt. Rend. 146:380-383. Mar.1952. 442.9 P21

81448 SOSSOUNTZOV, I. Sur l'établissement en 45 jours de la sexualité et des dimensions moyennese des prothalles cordiformes normaux et aberrants de Gymnogramme calomelanos en culture aspetique. Soc. de Biol. Compt. Rend. 146:383-386. Mar.1952. 442.9 P21

81449 SOUÈGES, R. Embryogénie des Boragacées. Développement de l'embryon chez le Lithospermum officinale L. Acad. des Sci. Compt. Rend. 235:217-219. July 21,1952. 505 P21

81450 SRIVASTAVA, R. K. Abnormal leaves of Cycas revoluta Thunb. Nature [London] 170:253. Aug.9, 1952. 472 N21

81451 SRIVASTAVA, R. K. Wilt roll in grasses. I. Involution Saccharum spontaneum L. Sci. & Cult. 17: 529-530. June 1952. 475 Sci24

81452 STEFANOFF, B. The hard seeds of legume plants. (In Bulgarian.) Bulgarska Akad. na Nauk. Biol. Inst. Izv. 2:3-43. 1951. 442.9 B87
English summary.

81453 SUBRAMANIAM, M. K. On the identification of the various structures in the yeast cell. Indian Inst. Sci. J. Sect. A 34:11-23. Ref. Jan.1952. 513 In23Q

81454 TAKASIMA, S. Morphological studies of Cucurbita species. III. (In Japanese.) Saikyo U. Facul. Agr. Sci. Rpt. 1:30-41. Ref. Apr.1951. 22.5 K99

81455 VAZART, B. Différenciation et structure des anthérozoïdes de certains Ptéridophytes. Acad. des Sci. Compt. Rend. 235:78-80. July 7,1952. 505 P21

81456 VAZART, B. Etude de la fécondation chez quelques Graminées de type nucléaire euréticulé ou réticulé. Acad. des Sci. Compt. Rend. 235:76-77. July 7,1952. 505 P21

81457 VOLK, O. H. Zur kenntnis der Stapelieenblüten. Sukkulentenkunde 4:46-59. Ref. Dec.1951. 450 Su42

81458 WELLENSIEK, S. J., and others. Vegetative seed formation? Euphytica 1:123-129. July 1952. 450 Eu6
C. J. Gorter, K. Verkerk, and H. F. Waterschoot, joint authors.

81459 WOLF, F. A., and SHARP, D. G. Hereditary abnormalities in tobacco. Elisha Mitchell Sci. Soc. J. 68:85-92. Ref. June 1952. 500 EL4

81460 YAMAZUMI, R. Anatomical studies on the defoliation in some plants. (In Japanese.) J. Jap. Bot. 27:73-77. Mar.1952. 450 J8223

GENETICS

81461 ANDERSON, E., and BROWN, W. L. Origin of corn belt maize and its genetic significance. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.124-148. Ames,Iowa State Col. Press,1952. 443 G74

81462 ATWOOD, S. S., and GRUN, P. Cytogenetics of alfalfa. Bibliog. Genet. 14:133-188. Ref. 1951. 442 B47

81463 BØGH, H. Plant breeding—development and maintenance of superior genetic stocks. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:289-292. 1949,pub.1951. 279.9 Un32P

81464 BREMER-REINDERS, D. E., and BREMER, G. Methods used for producing polyploid agricultural plants. Euphytica 1:87-94. July 1952. 450 Eu6

81465 BRINK, R. A. Inbreeding and crossbreeding in seed development. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.81-97. Ames, Iowa State Col. Press,1952. 443 G74

81466 CHASE, S. S. Monoploids in maize. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.389-399. Ames,Iowa State Col. Press,1952. 443 G74

81467 CHILDERS, W. R. Male sterility in Medicago sativa L. Sci. Agr. 32:351-364. Ref. July 1952. 7 Sci2

81468 COMSTOCK, R. E., and ROBINSON, H. F. Estimation of average dominance of genes. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.494-516. Ames,Iowa State Col. Press,1952. 443 G74
Economic plants.

81469 DOBZHANSKY, T. Nature and origin of heterosis. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.218-223. Ames,Iowa State Col. Press,1952. 443 G74

81470 DORST, J. C., and others. Notes on developing and maintaining high-yielding crop plants: the Institute of Plant Breeding [Wageningen, Netherlands]. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 281-284. 1949,pub.1951. 279.9 Un32P
H. de Haan, D. E. Bremer-Reinders, H. J. Toxopeus, S. A. Thijn, and H. Lamberts, joint authors.

81471 DUARA, B. N., and STEBBINS, G. L., JR. A polyhaploid obtained from a hybrid derivative of Sorghum halepense x S. vulgare var. sudanense. Genetics 37: 369-374. Ref. July 1952. 442.8 G28

81472 EMERSON, S. Biochemical models of heterosis in Neurospora. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.199-217. Ames,Iowa State Col. Press,1952. 443 G74

81473 FAGERLIND, F. Influence of the pollen-giver on the production of hips, achenes and seeds in the "Canina roses." Acta Horti Bergiani 16:121-168. Ref. 1951. 451 Sw3

81474 FRANKEL, O. H. Development and maintenance of superior genetic stocks. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:274-279. Ref. 1949,pub.1951. 279.9 Un32P
Plants.

81475 GOULDEN, C. H. The Canadian system of collecting and maintaining genetic stocks of cereals. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:286-289. 1949,pub.1951. 279.9 Un32P

81476 HAAN, H. DE. Books dealing with plant breeding. Euphytica 1:149. July 1952. 450 Eu6

81477 HAUSTEIN, E. Die erblichkeit des cruciata-merkmals bei den Oenotheren. Biol. Zentbl. 70:481-517. 1951. 442.8 B523

81478 HAYES, H. K. Development of the heterosis concept. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.49-65. Ames,Iowa State Col. Press,1952. 443 G74

81479 HULL, F. H. Recurrent selection and overdominance. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.451-473. Ames,Iowa State Col. Press,1952. 443 G74
Corn breeding.

81480 ITO, I. Uber die vererbung des photoperiodischen verhaltens von Pharbitis Nil (vorläufige mitteilung). Saikyo U. Facul. Agr. Sci. Rpt. 1:1-6. Apr.1951. 22.5 K99

81481 JONES, D. F. Plasmagenes and chromogenes in heterosis. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.224-235. Ames,Iowa State Col. Press,1952. 443 G74
Mainly plants.

81482 KHAZINA, E. P. Frequent repeated graftings as a method of enhancing changes in hereditary characteristics of plants. (In Russian.) Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(6):9-11. 1952. 20 Ak1
Experiments with tomatoes.

81483 LAMBERT, J. W., and LIANG, T. J. Studies of various characters of six-rowed segregates from crosses between two-rowed and six-rowed barleys. Agron. J. 44:365-369. July 1952. 4 Am34P

81484 LAUGHNAN, J. R. The action of allelic forms of the gene A in maize. IV. On the compound nature of A^b and the occurrence and action of its A^d derivatives. Genetics 37:375-395. Ref. July 1952. 442.8 G28

81485 LEWIS, C. F., and MCFARLAND, E. F. The transmission of marker genes in intraspecific backcrosses of Gossypium hirsutum L. Genetics 37: 353-358. July 1952. 442.8 G28

81486 LINDEGREN, C. C. Genetics and cytology of Saccharomyces. In Iowa. State College of Agriculture and and Mechanic Arts. Heterosis, p.256-266. Ames,Iowa State Col. Press,1952. 443 G74

81487 LINDEGREN, C. C., and LINDEGREN, G. Linkage relations in Saccharomyces of genes controlling the fermentation of carbohydrates and the synthesis of vitamins, amino acids and nucleic acid components. Indian Phytopath. 4:11-20. 1951. 464.8 In2

81488 MANGELSDORF, A. J. Gene interaction in heterosis. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.320-329. Ames,Iowa State Col. Press,1952. 443 G74

81489 MANGELSDORF, P. C. Hybridization in the evolution of maize. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.175-198. Ames,Iowa State Col. Press,1952. 443 G74

81490 MEDINETS, V. D. Phenomenon of maternal heredity in the light of the teaching on vegetative hybridization. (In Russian.) Uspekhi Sovrem. Biol. 33:273-286. Ref. Mar./Apr.1952. 442.8 Er3
Chiefly plant genetics.

81491 MENEZES, O. B. DE. Chromasomic translocation and its characteristics. (In Portuguese.) Agronomia [Rio de Janeiro] 10:277-284. Oct./Dec.1951. 9.2 Ag892
English summary.
With reference to plants.

81492 MERCADO H., C. Fase fisiologica de un ensayo sobre la teoria de la influencia somática en la trasmisión de los caracteres. Agronomia [Lima] 17(69): 35-39. May/June 1952. 9.8 Ag83
Plants.

81493 MORRIS, R. Transmitted pollen and chromosomal aberrancies induced in maize by tassel exposure in a nuclear reactor. Amer. J. Bot. 39:452-457. Ref. July 1952. 450 Am36

81494 MORRISON, J. W., and UNRAU, J. Frequency of micronuclei in pollen quartets of common wheat monosomics. Canad. J. Bot. 30:371-378. July 1952. 470 C16C

81495 NIETO GARCIA, J. Genética del trigo. Cult. Mod. 35:211-212. June 1952. 15 C89

81496 NOHE, E. Zu entwicklungstendenzen in der pflanzenzüchtung. Saatgut-Wirt. 4:112. (Cont.) May 1952. 61.8 Sa1

81497 PAL, B. P. Development and maintenance of superior genetic stocks at the Indian Agricultural Research Institute, New Delhi. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:284-285. 1949,pub. 1951. 279.9 Un32P
Plants.

81498 PINNELL, E. L., RINKE, E. H., and HAYES, H. K. Gamete selection for specific combining ability. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.378-388. Ames,Iowa State Col. Press,1952. 443 G74

81499 PONTECORVO, G. Non-random distribution of multiple mitotic crossing-over among nuclei of heterozygous diploid Aspergillus. Nature [London] 170:204-205. Aug.2,1952. 472 N21

81500 POWERS, L. Gene recombination and heterosis. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.298-319. Ames,Iowa State Col. Press, 1952. 443 G74

81501 RHOADES, M. M. Preferential segregation in maize. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.66-80. Ames,Iowa State Col. Press,1952. 443 G74

81502 ROBB, W. Development and maintenance of superior genetic stocks. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:280-281. 1949,pub.1951. 279.9 Un32P
Plants.

81503 ROBBINS, W. J. Hybrid nutritional requirements. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.114-123. Ames,Iowa State Col. Press,1952. 443 G74
Mainly fungi.

81504 ROBERTSON, D. S. The genotype of the endosperm and embryo as it influences vivipary in maize. Natl. Acad. Sci. Proc. 38:580-583. July 1952. 500 N21P

81505 RUNDFELDT, H. Die ausnutzung des heterosiseffektes in der maiszüchtung. Z. f. Pflanzenzücht. 31:226-260. Ref. Mar.1952. 450 Z36

81506 SAITO, K. Studies on inducing polyploid flower plants and their utilization. V-VI. (In Japanese.) Hort. Assoc. Japan. J. 20:199-204. Mar.1952. 87 H78
English summary.

81507 SAMVIRKENDE JYDSKE HUSMANSFORENINGER. PLANTEAVLSUDVALGET. Beretning om planteavlsarbejdet de Samv. Jydske Husmandsforeninger [Report on the plant breeding work of the National Federation of Smallholders in Jutland] 1951. Aarhus,1952. 176 p. 451 Sa4

81508 SCHAEPMAN, H. Application of the polycross test to grass breeding. Euphytica 1:105-111. July 1952. 450 Eu6

81509 SHULL, G. H. Beginnings of the heterosis concept. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.14-48. Ames,Iowa State Col. Press,1952. 443 G74

81510 SMITH, H. H. Fixing transgressive vigor in Nicotiana rustica. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.161-174. Ames, Iowa State Col. Press,1952. 443 G74

81511 SPECKMANN, G. J. The induction of polyploids and their practical significance for plant breeding. II. Zaad-Bloem-en Bollenwereld 16:263. June 1952. 61.8 Z12

81512 SPIEGELMAN, S., and DELORENZO, W. F. Substrate stabilization of enzyme-forming capacity during the segregation of a heterozygote. Natl. Acad. Sci. Proc. 38:583-592. Ref. July 1952. 500 N21P
Yeasts.

81513 SPRAGUE, G. F. Early testing and recurrent selection. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.400-417. Ames,Iowa State Col. Press,1952. 443 G74
Corn breeding.

81514 TURBIN, N. V., BOGDANOVA, E. N., and KHOROSHAVINA, A. M. Experiments in studying the effect of repeated pollination on fertilized egg cells in tomatoes. (In Russian.) Akad. Nauk SSSR. Izv. Ser. Biol. 2:66-85. Mar./Apr.1952. 511 Sa2B

81515 VEENSTRA, G. Release of breeding material by the Foundation for Agricultural Plant Breeding. (In Dutch.) Euphytica 1:140-141. July 1952. 450 Eu6
English summary.

81516 WARING, E. J. Plant introductions, selection and breeding. Agr. Bur. N. S. Wales. State Conf. Hawkesbury Agr. Col. 27:10-11. 1951. 23 Ag82S

81517 WELLHAUSEN, E. J. Heterosis in a new population. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.418-450. Ames,Iowa State Col. Press,1952. 443 G74
Corn breeding in Mexico.

81518 WHALEY, W. G. Physiology of gene action in hybrids. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.98-113. Ames,Iowa State Col. Press,1952. 443 G74

81519 WIT, F. The pollination of perennial ryegrass (Lolium perenne L.) in clonal plantations and polycross fields. Euphytica 1:95-104. July 1952. 450 Eu6

PHYSIOLOGY

81520 ÅBERG, B. On the effects of weak auxins and antiauxins upon root growth. Physiol. Plant. 5:305-319. Ref. 1952. 450 P564

81521 ADAMS, A. M., and MILLER, J. J. Detection of radiophosphorus in cells and spores of fungi by radioautography. Nature [London] 170:239. Aug.9,1952. 472 N21

81522 AKENBERG, E., and LESINS, K. Herbage production of grown alfalfa plants in relation to their length and weight at the seedling stage. Acta Agr. Scand. 2:153-157. 1952. 11 Ac82

81523 ALLEN, H. P. The relative toxicity of 2: 4-dichlorophenoxyacetic acid and 2-methyl-4-chlorophenoxyacetic acid to wheat, oats and barley. J. Sci. Food & Agr. 3:378-384. Ref. Aug.1952. 382 So12

81524 ANDERSEN, S. Methods for determining stages of development in barley and oats. Physiol. Plant. 5:199-210. Ref. 1952. 450 P564

81525 ANDREW, R. H. Duration of silk receptiveness in sweet corn inbreds. Agron. J. 44:387-388. July 1952. 4 Am34P

81526 AYERS, A. D., BROWN, J. W., and WADLEIGH, C. H. Salt tolerance of barley and wheat in soil plots receiving several salinization regimes. Agron. J. 44:307-310. June 1952. 4 Am34P

81527 BAJER, A., and HRYNKIEWICZ, A. Z. Notes on the anaphase mechanism and the energy of chromosome movement. Soc. Bot. Polon. Acta 21:5-15. Ref. 1951. 451 So16

81528 BAJER, A. Studies on spindle and chromosome movement. Soc. Bot. Polon. Acta 21:95-111. Ref. 1951. 451 So16

81529 BAKSHI, B. K. Fungi in the nest of Odontotermes obesus. Indian Phytopath. 4:1-4. 1951. 464.8 In2

81530 BAUMANN, H., and SCHENDEL, U. Die dynamik des wasser- und nitrathaushaltes unter verschiedenen fruchtbarkeitsbedingungen. Z. f. Acker- u. Pflanzenbau 95:47-68. Ref. June 1952. 18 J825

81531 BELL, L. N. On the quantum discharge of photosynthesis. (In Russian.) Priroda 41(3):117-118. Mar.1952. 410 P933

81532 BERTOSSI, F., and CAPOZZI, A. Action of maleic hydrazide on plant tissues in vitro. (In Italian.) Nuovo Gior. Bot. Ital. 58:184-185. 1951. 450 N92

81533 BOESEN, V. Atomic age greenhouse; scientists at Cal Tech are pinning down the age-old mysteries of what makes plants grow large, small, or not al all. Nation's Business 40(8):26-29,66-67. Aug.1952. 286.8 N212

81534 BÖHME-SKASSA, C. Unterernährung. Deut. Landwirt. Presse 75:183-184. July 19,1952. 18 D482
Plants and animals.

81535 BONDE, E. K. The influence of carbon dioxide concentration upon the rate of photosynthesis in Sinapis alba. Physiol. Plant. 5:298-304. Ref. 450 P564

81536 BOVEY, R. La panachure printanière du fraisier. Rev. Romande d'Agr. de Viticult. et d'Arboricult. 8:55-56. July 1952. 17 J82A

81537 BRAKKE, M. K., and NICKELL, L. G. Lack of effect of plant growth-regulators on the action of alpha-amylase secreted by virus tumor tissue. Bot. Gaz. 113:482-484. Ref. June 1952. 450 B652

81538 BRIAN, R., and RIDEAL, E. K. On the action of plant growth regulators. Biochim. et Biophys. Acta 9:1-18. Ref. July 1952. 381 B522

81539 BRIX, K. Untersuchungen über den einfluss der pfropfung auf reis und unterlage und die möglichkeit einer übertragung eventueller veränderungen auf die nachkommen. Z. f. Pflanzenzücht. 31:260-288. Ref. Mar.1952. 450 Z36

81540 BROWN, J. W., and WEINTRAUB, R. L. Influence of temperature on formative response of bean seedlings to 2,4-dichlorophenoxyacetic acid. Bot. Gaz. 113:479-482. June 1952. 450 B652

81541 BROWN, R., and WIGHTMAN, F. The influence of mature tissue on division in the meristem of the root. J. Expt. Bot. 3:253-263. Ref. June 1952. 450 J8224

81542 BROWN, W. V. The relation of soil moisture to cleistogamy in Stipa leucotricha. Bot. Gaz. 113:438-444. June 1952. 450 B652

81543 BRUN, J. Le "bleu" du bananier en Guinée Française. Fruits 7:324-329. July 1952. 80 F9492

81544 CAPINPIN, J. M., and SILVA, V. B. The influence of hybridization on the protein content of maize. Philippine Agr. 35:86-89. July 1951. 25 P542

81545 CAVAZZA, L. On the different behavior of hard seeds of three different legumes. (In Italian.) Nuovo Gior. Bot. Ital. 58:13-26. Ref. 1051. 450 N92
English summary.

81546 CENNI, B. Experimental investigations on the effect of a decoction from "Helichrysum italicum G.Don." on the growth of sprouts of lupine and wheat. (In Italian.) Pisa. u. Facoltá di Med. Vet. Ann. 4:114-124. 1951. 41.9 P67
English summary.

81547 CIFERRI, R. From cobalt to the assimilation of nitrogen. (In Italian.) Italia Agr. 89:408-410. June 1952. 16 It1
Plant physiology.

81548 CLENDENNING, K. A., WAYGOOD, E. R., and WEINBERGER, P. The carboxylases of leaves and their role in photosynthesis. Canad. J. Bot. 30:395-409. Ref. July 1952. 470 C16C

81549 COQUILLAT, M. Simples reflexions sur l'utilisation économique de la floraison. Soc. Linn. de Lyon B. Mens. 20(9, sup.):XXVII-XXVIII. Nov.1951. 505 L992B

81550 COSMO, I. Further investigations on the employment of root growth substances in the preparation of grafted and free vine root cuttings. III. (In Italian.) Ann. della Sper. Agr. (n.s.)6:591-613. Ref. 1952. 16 An76
English summary.

81551 DIMBLEBY, G. W. The root sap of birch [Betula pubescens] on a Podzol. Plant & Soil 4:141-153. June 1952. 450 P696

81552 DOLGOPOLOV, N. N., and RUBAN, E. L. Humates of peat and bituminous coal—growth stimulators for plants. (In Russian.) Priroda 41(3):102-104. Mar. 1952. 410 P933

81553 DURAISWAMI, S. Physiological consequences of polyploidy in yeasts. II-III. Indian Inst. Sci. J. Sect. A 34:25-31,107-117. Ref. Jan.-Apr.1952. 513 In23
K. K. Mitra, joint author of Pt. II.

81554 EHLERS, H. Untersuchungen zur ernährungsphysiologie der pollenschläuche. Biol. Zentbl. 70:432-451. Ref. 1951. 442.8 B523

81555 FÄHRAEUS, G. Formation of laccase by Polyporus versicolor in different culture media. Physiol. Plant.5:284-291. 1952. 450 P564

81556 FALCH, J. Versuche über die anwendung von fruchtfallhormonen. Höhere Bundeslehr- u. Versanst. f. Wein- u. Obstbau. Mitt. 2:119-123. May 1952. 105.9 K696
English summary.

81557 FEDIN, A. KH. On the conservation of viability by preserved potato berries. (In Russian.) Uspekhi Sovrem. Biol. 33:319-320. Mar./Apr.1952. 442.8 Er3

81558 FELDMANN, J., and FELDMANN, G. Nouvelles recherches sur le cycle des Bonnemaisoniacées: le développement des tétraspores du Falkenbergia rufolanosa (Harv.) Schmitz. Rev. Gén. de Bot. 59:313-323. Ref. July 1952. 450 R326

81559 FILIMONOV, M. A. Peculiarities of swelling of viable and non-viable seeds of leguminous plants. (In Russian.) Akad. Nauk SSSR. Dok. 84:377-379. May 11, 1952. 511 P444A

81560 FLAIG, W., and others. Beiträge zur physiologie und morphlologie der Streptomyceten. Plant & Soil 4:118-127. June 1952. 450 P696

H. Beutelspacher, E. Küster and G. Segler-Holzweissig, joint authors.

81561 FOGG, G. E. The mechanism of photosynthesis. New Biol. 11:27-49. Oct.1951. 442.8 J63

81562 FOGG, G. E. The wetting of leaves by water. New Biol. 10:121-127. Apr.1951. 442.8 J63

81563 FONSECA FILHO, C. DE A. Phenological observations with native forest species, at the Agronomical Institute of the State of Minas Gerais, in Belo Horizonte. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1:38. Jan.1952. 9.2 M663

81564 FORS, A. L. Observaciones sobre el efecto de los vientos fuertes en la producción y el rendimiento de las cañas. Asoc. de Téc. Azucareros de Cuba B. Ofic. 11:71-75. Apr.1952. 65.9 As5B

81565 FRANZKE, C. J., and ROSS, J. G. Colchicine induced variants in sorghum. J. Hered. 43:107-115. Ref. May/June 1952. 442.8 Am3

81566 FRENCH, C. S., and YOUNG, V. K. The fluorescence spectra of red algae and the transfer of energy from phycoerythrin to phycocyanin and chlorophyll. J. Gen. Physiol. 35:873-890. Ref. July 20,1952.

81567 GALLAY, R., and STAEHELIN, M. Un jaunissement des vignes qui n'a rien de commun avec la chlorose calcaire. Rev. Romande d'Agr. de Viticult. et d'Arboricult. 8:49-51. July 1952. 17 J82A

81568 GAUMANN, E., and others. Uber den einfluss einiger welketoxine und antibiotica auf die osmotischen eigneschaften pflanzlicher zellen. Phytopath. Z. 19:160-220. Ref. June 1952. 464.8 P562

S. Naef-Roth, P. Reusser, and A. Ammann, joint authors.

81569 GESSNER, F. Der druck in seiner bedeutung für das wachstum submerser wasserpflanzen. Planta 40:391-397. 1952. 450 P693

81570 GIOVANNOZZI, M., and VERDURA, R. Research on the physiology and biochemistry of Nicotiana tabacum var. Virginia Bright. III. (In Italian.) Tabacco 56:67-85. Ref. Mar.1952. 69.8 T115

81571 GLIEMEROTH, G. Wasserhaushalt des bodens in abhängigkeit von der wurzelausbildung einiger kulturpflanzen. Z. f. Acker- u. Pflanzenbau 95:21-46. Ref. June 1952. 18 J825

81572 GOKSØYR, J. On the effect of chlorate upon the nitrate reduction of plants. II. The effect upon the nitrate-reducing system in Escherichia coli. Physiol. Plant. 5:228-240. Ref. 1952. 450 P564

81573 GOVINDAN, P. R. Influence of boron on tomato. Sci. & Cult. 17:519-520. June 1952. 475 Sci24

81574 GOWDRIDGE, B. M., and THODAY, D. Acid metabolism and respiration in succulent Compositae. III. Further experiments with Kleinia radicans Haw. Ann. Bot. (n.s.)16:349-372. Ref. July 1952. 450 An7

81575 GRAM, E. A strange growth substance. (In Danish.) Dansk Frøavl 35:199-200. Aug.1,1952. 61.8 D23

Maleic hydrazide.

81576 GRIGALIUNAS, A. Reguladores de crecimiento. Soc. Antioqueña de Agr. B. Agr. 385:3419-3423. May 1952. 9.4 So1

For plants.

81577 GUTTENBERG, H. VON, BEYTHIEN, A., and MEINL, G. Uber den einfluss von wirkstoffen auf die wasserpermeabilität des protoplasmas. I-II. Planta 40: 36-69,431-442. Ref. 1951-1952. 450 P693

I, by H. von Guttenberg and A. Beythien; II, by H. von Guttenberg and G. Meinl.

81578 HAAB, W. Ueber wesen und aufbau von pflanze und tier. Grüne 80:856-861. Aug.1,1952. 17 Sch9

81579 HALLIWELL, G., and WALKER, T. K. The metabolism of glucose and acetate in Aspergillus niger. J. Expt. Bot. 3:155-161. Ref. June 1952. 450 J8224

81580 HARVEY, W. A. Estudios sobre el efecto del 2,4-D sobre el arroz. Agr. Mod. 5(10):14-16. May 1952. 6 Ag8

81581 HEIMANN, M. Abhängigkeit des blutungsverlaufes von beleuchtung und blattzahl. Planta 40:377-390. Ref. 1952. 450 P693

On Kalanchoë blossfeldiana.

81582 HEIMERDINGER, G. Zur mikrotopographie der saftströme im transfusionsgewebe der koniferennadel. II. Entwicklungsgeschichte und physiologie. Planta 40: 93-111. Ref. 1951. 450 P693

81583 HENDERSON, J. H. M., and BONNER, J. Auxin metabolism in normal and crown gall tissue of sunflower. Amer. J. Bot. 39:444-451. Ref. July 1952. 450 Am36

81584 HENDERSON, J. H. M., DURRELL, M. E., and BONNER, J. The culture of normal sunflower stem callus. Amer. J. Bot. 39:467-473. Ref. July 1952. 450 Am36

81585 HINGORANI, M. K. The effect of temperature and light on the mesothetic reaction of Jostrain oats to stem rust [Puccinia graminis avenae.] Indian Phytopath. 4:85-87. 1951. 464.8 In2

81586 HOHN, K. Nachreifestudien an Datura-samen. Planta 40:407-418. Ref. 1952. 450 P693

81587 HUBER, B., and MERKENSCHLAGER, G. Uber die wirkung kleinster saugkräfte auf die samenkeimung. Planta 40:112-120. Ref. 1951. 450 P693

81588 HUFNAGL, H. Vom wasser im walde. Bauer 4(43):7. Dec.15,1951. 19 B32

Use of water by trees.

81589 HYGEN, G., and KJENNERUD, J. Osmotic relations during cell expansion. Physiol. Plant. 5:171-182. Ref. 1952. 450 P564

81590 IMASEKI, I. On the variation of alkaloidal content in Coptis japonica Makino by location and growth period. (In Japanese.) J. Jap. Bot. 27:131-132. Apr. 1952. 450 J8223

81591 ITO, E., and INAGAWA, G. Several experimental observations on the salt-resisting property of Pinus thunbergii, especially compared with Pinus densiflora. (In Japanese.) Shizuoka U. Fac. Agr. Rpt. 1:55-64. 1951. 107.6 Iw92

English summary.

81592 JAVILLIER, M. Les exigences en magnésium des plantes, des animaux et de l'homme. Aliment. et la Vie 40:73-88. 1952. 389.9 So1B

81593 JOHNSON, C. M., PEARSON, G. A., and STOUT, P. R. Molybdenum nutrition of crop plants. II. Plant and soil factors concerned with molybdenum deficiencies in crop plants. Plant & Soil 4:178-196. Ref. June 1952. 450 P696

81594 JØRGENSEN, E. G. Effects of different silicon concentrations on the growth of diatoms. Physiol. Plant. 5:161-170. Ref. 1952. 450 P564

81595 JUILLET, A., and TURQUOIS, J. Applications de substances parthenocarpiques aux cultures de fraisiers Phytoma 35:8-10. Apr.1952. 464.8 P563

81596 KANDLER, O. Uber eine physiologische umstimmung von sonnenblumenstengelgewebe durch dauereinwirkung von ß-indolylessigsäure. Planta 40: 346-349. 1952. 450 P693

81597 KARLSSON, N. Analytical work on zinc in the vegetation of Middle Sweden. Acta Agr. Scand. 2:173-182. Ref. 1952. 11 Ac82

81598 KARMANOV, V. G. Investigation of temperature changes at the expense of the heat of ice formation in leaves of plants. (In Russian.) Akad. Nauk SSSR. Dok. 84:361-363. May 11,1952. 511 P444A

81599 KASAHARA, Y., and AKITA, S. The abnormality in the germination of squash, Cucurbita moschata Duch. caused by light. Ohara Inst. f. Landwirt. Forsch. Ber. 9:451-453. 1951. 107.6 Oh1

81600 KASASKY, C. Samenstimulationsversuche an winterweizen. (In Bulgarian.) Bulgarska Akad. na Nauk. Biol. Inst. Izv. 2:265-282. 1951. 442.9 B87

German summary.

81601 KHOLODNYI, N. G. Artificial parthenocarpy and accelerated ripening of figs. (In Russian.) Priroda 41(3):100-102. Mar.1952. 410 P933

81602 KLOSE, A. N. Light as a growth factor. Green Thumb [Denver] 9(7):12-16. July 1952. 80 G82

81603 KOSTOGLODOV, L. A. Conditions for preharvest increase of rubber in the roots of biennial koksaghyz. (In Russian.) Sovet. Agron. 10(7):37-41. July 1952. 20 So84

81604 KOSUGI, K. On the development of flower bud and corm in Gladiolus. (In Japanese.) Hort. Assoc. Japan. J. 20:231-237. Ref. Mar.1952. 87 H78

English summary.

81605 KRAAYENGA, D. A. The importance of climatological investigation of bulbous plants. (In Dutch.) Weekbl. v. Bloembollencult. 62:412-413. June 27,1952. 80 W412

81606 KRASIL'NIKOV, N. A. Role of microorganisms in supplementary plant nutrition. (In Russian.) Uspekhi Sovrem. Biol. 33:321-337. Ref. May/June 1952. 442.8 Er3

81607 KRONEBACH, A., JR. Die auswirkungen von 2,4-D-mitteln auf die weinrebe im Rheingau 1951. Gesunde Pflanzen 4:141-142. May 1952. 464.8 G33

81608 LALLEMENT, E. A. Victoria regia et photopériodisme. Jard. de France (ser.7)6:95. Apr.1952 86 So13

81609 LAMP, H. F. Reproductive activity in Bromus inermis in relation to phases of tiller development. Bot. Gaz. 113:413-438. Ref. June 1952. 450 B652

81610 LANZA, F. Contribution to the study of "Vigna sinensis" Engl, in irrigated culture; availability, production of dry substance, unit water consumption, and nutritive value of the forage. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 60,12 p. 1951. 105.4 R66

81611 LARSON, W. E., NELSON, L. B., and HUNTER, A. S. The effects of phosphate fertilization upon the yield and composition of oats and alfalfa grown on phosphate-deficient Iowa soils. Agron. J. 44:357-361. July 1952. 4 Am34P

81612 LEVARI, R., MAYER, A. M., and EVENARI, M. The effect of various metabolites on the action of some germination inhibitors. Israel. Res. Council. B. 2:27-36. Ref. June 1952. 330.9 Is72B
2,4-D and coumarin.

81613 LINK, G. K. K., KLEIN, R. M., and BARRON, E. S. G. Metabolism of slices of the tomato stem. J. Expt. Bot. 3:216-236. Ref. June 1952. 450 J8224

81614 LÖHR, E. Photosynthese von Anemone nemorosa. Physiol. Plant. 5:221-227. Ref. 1952. 450 P564

81615 LÖHR, E., and MÜLLER, D. Die respiration von gesunden und viruskranken zuckerrüben. Physiol. Plant.5:218-220. 1952. 450 P564

81616 MCNAUGHT, K. J., and GDANITZ, L. C. Magnesium deficiency in glasshouse tomatoes. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 34:82-91. Ref. June 1952. 514 N48A

81617 MAGEE, C. J. Hormones in modern agriculture. Agr. Bur. N. S. Wales. State Conf. Hawkesbury Agr. Col. 27:12-15. 1951. 23 Ag82S
In horticulture and weed control.

81618 MAGGIO, G. DI. On the mechanism of toxic action of taurocholic sodium salts in the "grain seed germination" test. (In Italian.) Soc. Ital. Biol. Sper. B. 28:33-36. Ref. Jan.1952. 442.8 So12

81619 MAGGIO, G. DI. Vitamin activity of quercetin on the development and growth of plants. (In Italian.) Soc. Ital. di Biol. Sper. B. 28:36-39. Jan.1952. 442.8 So12

81620 MAKSIMOV, N. A. The combat of plants with drought. (In Russian.) Priroda 41(3):3-21. Mar.1952. 410 P933

81621 MARIAT, F. Recherches sur la physiologie des embryons d'Orchidées. Rev. Gén. de Bot. 59:324-377. Ref. July 1952. 450 R326

81622 MARKERT, C. L. Radiation-induced nutritional and morphological mutants of Glomerella. Genetics 37: 339-352. Ref. July 1952. 442.8 G28
Mutagenic effect of X-rays, fast neutrons and ultraviolet radiation.

81623 MATTEI, J. Action des substances de croissance sur le bouturage de l'Hibiscus rosa sinensis L., Malvacée ornementale. Acad. des Sci. Compt. Rend. 235:205-207. July 16,1952. 505 P21

81624 MAYER, A. M., and EVENARI, M. The relation between the structure of coumarin and its derivatives, and their activity as germination inhibitors. J. Expt. Bot. 3:246-252. Ref. June 1952. 450 J8224

81625 MEDNIS, IA. A. External feeding of plants. (In Russian.) Sovet. Agron. 10(7):53-61. Ref. July 1952. 20 So84
Spraying cereals and clover with nutrient solutions.

81626 MEDVEDEV, P. F. Effect of heteroauxin on growth of plant above ground and yields of potatoes. (In Russian.) Akad. Nauk SSSR. Dok. 84:365-368. May 11,1952. 511 P444A

81627 MENEZES, O. B. DE. Influence of distance in the xenia of corn. (In Portuguese.) Agronomia [Rio de Janeiro] 10:181-185. July/Sept.1951. 9.2 Ag892
English summary.

81628 MIKAELSEN, K. The protective effect of glutathione against radiation-induced chromosome aberrations. Science 116:172-174. Ref. Aug.15,1952. 470 Sci2
Tests with Tradescantia paludosa.

81629 MINGES, P. A. Brown checking in celery. Fruit & Veg. Rev. 14(5):16. Aug.1952. 80 C1224

81630 MOEWUS, F., MOEWUS, L., and SKWARRA, H. Nachweis von zwei wuchsstoffen in samen und wurzeln der kresse (Lepidium sativum). Planta 40:254-264. Ref. 1952. 450 P693

81631 MOLE-BAJER, J. Influence of hydration and dehydration on mitosis.I. Soc. Bot. Polon. Acta 21:73-94. Ref. 1951. 451 So16

81632 MOLÈ-BAJER, J. Influence of seasons on differentiation of callus in Hedera helix in vitro. (In Polish.) Soc. Bot. Polon. Acta 21:59-71. 1951. 451 So16
English summary.

81633 MOORE, H., and CHUPP, C. A physiological study of the Fusaria causing tomato, cabbage and muskmelon wilts. Mycologia 44:523-532. Ref. July/Aug. 1952. 450 M99

81634 MOSHKOV, B. S. Nature of radiant energy utilization by tomato plants in relation to the vigor of the radiation current and duration of every day lighting. (In Russian.) Akad. Nauk SSSR. Dok. 84:369-372. May 11, 1952. 511 P444A

81635 MOU, T. S., and YAO, Y. T. An observation on the vernalization results of Taiwan wheat. (In Chinese.) Agr. Res. 2(4):79-87. Dec.1951. 22.5 Ag823
English summary.

81636 MOURAVIEFF, I. Variation de la quantité d'amidon dans les cellules stomatiques au cours des mouvements induits par la lumière. Acad. des Sci. Compt. Rend. 234:2637-2639. June 30,1952. 505 P21
Aponogeton distachyus.

81637 MULDER, D. Nutritional studies on fruit trees. II. The relation between potassium, magnesium and phosphorus in apple leaves. Plant & Soil 4:107-117. June 1952. 450 P696

81638 NAGATA, T., and KAWAI, K. Studies on the nutrient absorption of the graft; mutual grafting of watermelon and gourd. (In Japanese.) Shizuoka U. Fac. Agr. Rpt. 1:137-146. 1951. 107.6 Iw92
English summary.

81639 NESMEIANOV, A. N. Tracer atoms. (In Russian.) Priroda 41(3):28-40. Mar.1952. 410 P933
Includes radioactive substances in the study of plants.

81640 NETIEN, G., and BRIFFAZ, M. Recherches sur l'hydrazide maleique, inhibiteur de croissance. Soc. Linn. de Lyon B. Mens. 20:179-183. Oct.1951. 505 L992B

81641 NICHIPOROVICH, A. A. Photosynthesis of plants. (In Russian.) Priroda 41(4):37-46. Apr.1952. 410 P933

81642 NIELSEN, E. S. The persistence of aquatic plants to extreme pH values. Physiol. Plant. 5:211-217. 1952. 450 P564

81643 OKAMOTO, S. Sun-scald of peach trees. I. (In Japanese.) Hort. Assoc. Japan. J. 20:243-249. Ref. Mar.1952. 87 H78

81644 OPERATION lettuce. Pop. Gard. [Albany] 3(8):26-27,59-60,63. Aug.1952. 80 P812
Soilless culture in Japan.

81645 OSBORNE, D. J. A synergistic interaction between 3-indolylacetonitrile and 3-indolylacetic acid. Nature [London] 170:210-211. Aug.2,1952. 472 N21

81646 OSTERLIND, S. Inhibition of respiration and nitrate absorption in green algae by enzyme poisons. Physiol. Plant. 5:292-297. 1952. 450 P564

81647 OUELLET, C., and BENSON, A. A. The path of carbon in photosynthesis. XIII. pH effects in $C^{14}O_2$ fixation by Scenedesmus. J. Expt. Bot. 3:237-245. Ref. June 1952. 450 J8224

81648 OWEN, P. C. The relation of germination of wheat to water potential. J. Expt. Bot. 3:188-203. Ref. June 1952. 450 J8224

81649 PALMER, C. B. A plant is born. Westralian Farmers Co-op Gaz. 22:335-337. May 1952. 280.28 W522
The physiology of reproduction.

81650 PANOV, A. Mycorrhiza. (In Serbo-Croatian.) Inst. za Naučna Šumarska Istraživanja. Godisnjak 1:80-105. Ref. 1951. 99.9 B65
English summary.

81651 PASSECKER, F. Untersuchungen über die befruchtungsbiologie von Tiroler obstsorten. Höhere Bundeslehr- u. Versanst. f. Wein-, u. Obstbau. Mitt. 2:111-118. May 1952. 105.9 K696
English summary.

81652 PASTORE, R. Low temperatures and the olive. (In Italian.) Olivicoltura 7(4):3-7. Apr.1952. 80 OL42

81653 PAVLOVSKII, M. A. Moisture of plant wilting during deepening of arable layer. (In Russian.) Akad. Nauk SSSR. Dok. 84:583-586. Ref. May 21,1952.
511 P444A
Experiments with oats.

81654 PETRUCCI, D. Research on anaerobiosis of the embryos of Triticum vulgare. (In Italian.) Soc. Ital. di Biol. Sper. B. 28:252-254. Ref. Feb.1952. 442.8 So12

81655 PIECZUR, E. A. Effect of tissue cultures of maize endosperm on the growth of excised maize embryos. Nature [London] 170:241-242. Aug.9,1952.
472 N21

81656 PIRSON, A., TICHY, C., and WILHELMI, G. Stoffwechsel und mineralsalzernährung einzelliger grünalgen. I. Planta 40:199-253. Ref. 1952. 450 P693

81657 POPOFF, M. Katalytische- und kunstdünger und samenstimulation. (In Bulgarian.) Bulgarska Akad. na Nauk. Biol. Inst. Izv. 2:299-310. 1951. 442.9 B87
German summary.

81658 POPTSOV, A. V. Thiourea as a stimulator of kok- and tau-saghyz seed germination. (In Russian.) Akad. Nauk SSSR. Dok. 84:619-622. Ref. May 21,1952.
511 P444A

81659 PRAT, H. Microcalorimetric studies on germinations of cereals. Canad. J. Bot. 30:379-394. Ref. July 1952. 470 C16C

81660 PUPILLO, M. Physiological melanosis of the vine. (In Italian.) Ann. della Sper. Agr. (n.s.)6:785-791. 1952. 16 An76
English summary.

81661 PUZZILLI, M. Osmotic pressure in the genus Nicotiana in relation to drought resistance. (In Italian.) Tabacco 56:110-122. Ref. Apr.1952. 69.8 T115

81662 RAADTS, E. Uber den inaktiven wuchsstoff der haferkoleoptile. Planta 40:419-430. Ref. 1952.
450 P693

81663 RABIGER, F. H. Untersuchungen an einigen Acanthaceen und Urticaceen zur funktion der cystolithen. Planta 40:121-144. Ref. 1951. 450 P693

81664 RAGGIO, N. M. DE, and RAGGIO, M. Influencia de pulverizaciones de cera suspendida sobre transpiración, fotosíntesis y respiración en Vicia faba L. Phyton [Buenos Aires] 1:90-102. Dec.1951.
450 P567
English summary.

81665 RAPER, J. R. Chemical regulation of sexual processes in the thallophytes. Bot. Rev. 18:447-545. Ref. July 1952. 450 B6527

81666 REICHER, I. Experiments in hormone control of flower-drop in tomatoes. Hassadeh 32:343-346. Apr. 1952. 26 H27
In Hebrew.

81667 REUSSER, P. Uber den einfluss von patulin auf den gaswechsel der hefezellen. Phytopath. Z. 19: 221-265. Ref. June 1952. 464.8 P562

81668 RHODES, A. The influence of the plant growth regulator, 2-methyl-4-chlorophenoxyacetic acid, on the metabolism of carbohydrate, nitrogen and minerals in Solanum lycopersicum (tomato). J. Expt. Bot. 3:129-154. Ref. June 1952. 450 J8224

81669 ROCHA GARCIA, G. DE LA. Estudio de las deficiencias de nitrógeno, fosfato y potasio en el maiz, mediante el diagnóstico foliar. Agronomia [Lima] 16 (68):21-38. Ref. Nov.1951/Jan.1952. 9.8 Ag83

81670 ROSENSTOCK, G. Kohlendioxyd-entbindung nichtassimilierender gewebe im licht. Planta 40:70-92. Ref. 1951. 450 P693

81671 ROUDIER, A., and EBERHARD, L. La présence des mannanes dans le bois des arbres appartenant au sous-embranchement des Angiospermes. Acad. des Sci. Compt. Rend. 235:207-209. July 16,1952.
505 P21

81672 ROUX, E. R. Drought resistance. Trees So. Africa 3(4):20,24. Jan./Mar.1952. 99.8 T716

81673 RUBAN, E. L., and DOLGOPOLOV, N. N. Effect of ultrasonic vibrations on early phases of plant development. (In Russian.) Akad. Nauk SSSR. Dok. 84: 623-626. May 21,1952. 511 P444A

81674 RUSSELL, E. W. Water and crop production. Chem. & Indus. 53:1177-1180. Dec.31,1951. 382 M31C
Includes discussion.

81675 SAMUELS, G., and CAPO, B. G. Effects of level of a fertilizer element on the uptake and concentration of that element and other elements in a plant. Agron. J. 44:352-357. July 1952. 4 Am34P
Different levels of nitrogen, phosphorus, potassium and calcium were used in tests.

81676 SAMUELS, G., and LANDRAU, P., JR. The influence of fertilizers on the carotene content of sweet potatoes. Agron. J. 44:348-352. Ref. July 1952.
4 Am34P

81677 SATAROVA, N. A. Comparative study of the development of the absorptive area of spring wheat roots under conditions of the grass-field crop rotation system of agriculture. (In Russian.) Akad. Nauk SSSR. Dok. 84: 373-376. Ref. May 11,1952. 511 P444A

81678 SAZONOV, P. V. Effect of benzene hexachloride on plants in relation to time of utilization and dosage. (In Russian.) Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(6):38-40. 1952. 20 Ak1
Experiments with wheat.

81679 SCHADE, C., and GUTTENBERG, H. VON. Uber die entwicklung des wurzelvegetationspunktes der monokotyledonen. Planta 40:170-198. Ref. 1951.
450 P693

81680 SCHEUERMANN, R. Der einfluss wasserlöslicher vitamine auf die wirksamkeit von heteroauxin im wachstumsprozess der höheren pflanzen. Planta 40: 265-300. Ref. 1952. 450 P693

81681 SCHMITT, C. Influence de la lumière sur la résistance de plantules de Lepidium sativum L. à Botrytis cinerea Pers. Acad. des Sci. Compt. Rend. 235: 258-260. July 21,1952. 505 P21

81682 SCHRIMPF, K. Beobachtungen über den entwicklungsrhythmus der weizenformen; dargestellt am hohenheimer weizensortiment. Z. f. Acker- u. Pflanzenbau 94:480-529. Ref. May 1952. 18 J825

81683 SCHUBERT, O. E. Chemical sprays can improve apple color. W. Va. Agr. Expt. Sta. B. 349(3): 5. June 1952. 100 W52

81684 SCHWEIZER, J. Latex and growth. (Abs.) Rubber Res. Inst. Malaya. J. 13:114-116. Dec.1951. 78.9 R824J
Hevea.

81685 SENDEN, H. VAN. Untersuchungen über den einfluss von heteroauxin und anderen faktoren auf die blütenbildung bei der kurztagspflanze Kalanchoë blossfeldiana. Biol. Zentbl. 70:537-565. Ref. 1951. 442.8 B523

81686 SHEU, T. C. Calcium carbide treatment to force the blooming and fruit bearing of pineapple plant. (In Chinese.) Agr. Res. 2(4):103-106. Dec.1951. 22.5 Ag823
English summary.
Chia-y Experiment Station of Taiwan Agricultural Research Institute.

81687 SHIELDS, L. M. Distribution of the bitter principle in the shoot of Helenium tenuifolium. Bot. Gaz 113:471-475. June 1952. 450 B652

81688 SHULL, C. A. Germination of seeds. All-Pets Mag. 23(6):37-38,40. June 1952. 48.8 AL5

81689 SIEGEL, S. M., and WEINTRAUB, R. L. Inactivation of 3-indoleacetic acid by peroxides. Physiol. Plant. 5:241-247. Ref. 1952. 450 P564

81690 SIMMONDS, N. W. The strength of banana petioles in relation to ploidy. Ann. Bot. (n.s.)16:341-347. July 1952. 450 An7

81691 SIMONIS, W. Untersuchungen zum dürreeffekt. I. Planta 40:313-332. Ref. 1952. 450 P693

81692 SINGH, T. C. N., and RAJAGOPALAN, V. R. Osmotic concentration in relation to sterility in certain angiospermic plants. Bot. Not. 1952:30-32. 450 B656

81693 SKAZKIN, F. D., and LERMAN, R. I. Effect of water defficiency in soil on vernalized and non-vernalized cereals during various periods of their development. (In Russian.) Akad. Nauk SSSR. Dok. 84:627-630. Ref. May 21,1952. 511 P444A
Experiments with oats.

81694 SMITH, L. A rare dominant chlorophyll mutant in durum wheat induced by atomic bomb irradiation. J. Hered. 43:125-128. Ref. May/June 1952. 442.8 Am3

81695 SOBAJIMA, Y. Concerning the effect of the deciduous fruit root exudation upon the protoplasmic streaming in root hairs of crops seedling. (In Japanese.) Saikyo U. Facul. Agr. Sci. Rpt. 1:20-29. Ref. Apr.1951. 22.5 K99
English summary.

81696 SØRENSEN, H. On the specificity and products of action of xylanase from Chaetomium globosum Kunze. Physiol. Plant. 5:183-198. Ref. 1952. 450 P564

81697 SPANNER, D. C. The suction potential of plant cells and some related topics. Ann. Bot. (n.s.)16: 379-407. Ref. July 1952. 450 An7

81698 SPINA, P. Observations on the morphology and biology of the olive flower in Sicily. (In Italian.) Ann. della Sper. Agr. (n.s.)6:635-650. Ref. 1952. 16 An76
English summary.

81699 STAPP, C., and FRETER, R. Untersuchungen über die wirkung von 2,4 D im boden. II. Phytopath. Z. 19:20-33. Ref. Apr.1952. 464.8 P562

81700 STARK, E., and TETRAULT, P. A. Observations on amylolytic bacteria. III. Cultural conditions influencing the breakdown of starch by stenothermophilic bacteria belonging to Bacillus stearothermophilus. Canad. J. Bot. 30:360-370. Ref. July 1952. 470 C16C

81701 STECKI, K., and RADA, A. The curviformity of the trunk in the European larch in the forests of Kwidzyń. (In Polish.) Soc. Bot. Polon. Acta 21:165-179. Ref. 1951. 451 So16
English summary.

81702 STEWART, I., and LEONARD, C. D. Iron chlorosis of citrus. Citrus Leaves 32(8):6-9. Ref. Aug.1952. 80 C492

81703 STIEFEL, S. Uber erregungsvorgänge bei der einwirkung von photischen und mechanischen reizen auf Coprinus-fruchtkörper. Planta 40:301-312. Ref. 1952. 450 P693

81704 STOKES, P. A new technique for the sterile culture of plant embryos in vitro. Nature [London] 170: 242. Aug.9,1952. 472 N21

81705 STOKES, P. A physiological study of embryo development in Heracleum sphondylium L. I. The effect of temperature on embryo development. Ann. Bot. (n.s.) 16:441-447. Ref. July 1952. 450 An7

81706 STREET, H. E., MCGONAGLE, M. P., and MCGREGOR, S. M. Observations on the 'staling' of White's medium by excised tomato roots. II. Iron availability. Physiol. Plant. 5:248-276. Ref. 1952. 450 P564

81707 SUKACHEV, V. N. On some new drought resistant willows. (In Russian.) Akad. Nauk SSSR. Dok. 84:349-352. Ref. May 11,1952. 511 P444A

81708 TABOR, P. Climate influences affecting Lespedeza adaptation in the lower southeastern United States. Agron. J. 44:388-389. July 1952. 4 Am34 P

81709 TEIXEIRA, L. P. Water, soil, and the plant. (In Portuguese.) Seleç. Agr. 7(73):35-37. May 1952. 9.2 Se4

81710 THIES, H. Die enstehung des zuckers in der zuckerrübe. Deut. Bienenwirt. 3:104. June 1952. 424.8 D489

81711 THOMPSON, J. F., and STEWARD, F. C. The analysis of the alcohol-insoluble nitrogen of plants by quantitative procedures based on paper chromatography. I-II. J. Expt. Bot. 3:170-187. Ref. June 1952. 450 J8224
I, The analysis of certain pure proteins, by John F. Thompson; II. The composition of the alcohol-soluble and insoluble fractions of the potato tuber, by J. F. Thompson, and F. C. Steward.

81712 TINCKER, M. A. H., and JOHNSON, E. The soilless cultivation of plants. Chem. & Indus. 53:1181-1186. Ref. Dec.31,1951. 382 M31C
Includes discussion.

81713 TIZIO, R. Efecto de las altas temperaturas como factor de degeneración de la papa. Phyton [Buenos Aires] 1:69-89. Ref. Dec.1951. 450 P567
English summary.

81714 TOMBESI, L., and TARANTOLA, M. Glutathione and ascorbic acid content, catalase and oxidase activities variations during the phytocicatrization process. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 64,8 p. 1951. 105.4 R66
English summary.
Potatoes.

81715 TOMBESI, L., and FORTINI, S. Photosynthetic activity, respiratory intensity, reduced glutathione, ascorbic acid and catalase activity in function of soil water supply. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 65,19 p. Ref. 1951. 105.4 R66
English summary.
Pelargonium zonale.

81716 TONZIG, S., and BRACCI, L. Influence of ascorbic acid on the formation of root nodules in legumes infected with Rhizobium. (In Italian.) Nuovo Gior. Bot. Ital. 58:187-189. 1951. 450 N92

81717 TONZIG, S., and BRACCI, L. Influence of ascorbic acid on the nodule forming activity of Rhizobium leguminosarum. (In Italian.) Nuovo Gior. Bot. Ital. 58: 189-190. 1951. 450 N92

81718 TOZUKA, H. Studies on root development in summer vegetables. (In Japanese.) Shizuoka U. Fac. Agr. Rpt. 1:21-27. 1951. 107.6 Iw92
English summary.

81719 TSAO, D. P. N., and YOUNGKEN, H. W., JR. The effects of cobalt, acetates, ascorbic acid, and cholesterol on growth and glycoside biosynthesis in Digitalis purpurea. Amer. Pharm. Assoc. J. Sci. Ed. 41:407-414. Ref. Aug.1952. 396.9 Am33J

81720 TSIKOV, D., and STOILOV, M. Studies on the storing of dry substance, dynamics of water-contents and germination in the seed-formation period of some wheat and rye varieties. (In Bulgarian.) Bulgarska Akad. na Nauk. Biol. Inst. Izv. 2:45-66. Ref. 1951. 442.9 B87
English summary.

81721 TUKEY, H. B., and others. Absorption of nutrients by stems and branches of woody plants. Science 116:167-168. Ref. Aug.15,1952. 470 Sci2
R. L. Ticknor, O. N. Hinsvark., and S. H. Wittwer, joint authors.
Includes effect of radioactive potassium carbonate and radioactive carbon.

81722 TURMEL, J. M. Croissance des organes aériens des Eryngium. Mus. Natl. d'Hist. Nat. B. (ser.2) 23:655-660. Dec.1951,pub.Mar.15,1952. 410.9 P213

81723 VACIN, E. F. Climatological studies of the original habitats of Cymbidiums. Amer. Orchid Soc. B. 21:517-532. July 1952. 80 Am329

81724 VALLANCE, K. B. The germination of the seeds of Rhinanthus crista-galli. Ann. Bot. (n.s.)16: 409-420. Ref. July 1952. 450 An7

81725 VERONA, O., and PICCI, G. Research on the state of fertility of soils in which withering of fruit plants has appeared. (In Italian.) Ann. della Sper. Agr. (n.s.)6:741-746. 1952. 16 An76
English summary.

81726 VOGT, I. Uber den hemmstoff- und wuchsstoffgehalt in getreidewurzeln. Planta 40:145-169. Ref. 1951. 450 P693

81727 VOLKOV, I. A., and PESHEKHONOVA, N. F. On lodging of cereals [wheat] and some methods for preventing it. (In Russian.) Akad. Nauk SSSR. Dok. 84:611-614. Ref. May 21,1952. 511 P444A

81728 VOTINTSEV, K. K. Energy of photosynthesis and seasonal changes of organic matter of Melosira baicalensis Wisl. (In Russian.) Akad. Nauk SSSR. Dok. 84: 607-610. May 21,1952. 511 P444A

81729 WADLEIGH, C. H., and BROWN, J. W. The chemical status of bean plants afflicted with bicarbonate-induced chlorosis. Bot. Gaz. 113:373-392. Ref. June 1952. 450 B652

81730 WANGERMANN, E., and LACEY, H. J. Some effects of ultra-violet radiation on Lemna minor. Nature [London] 170:126-127. July 19,1952. 472 N21

81731 WERCKMEISTER, P. Papierchromatographische studien zur blütenfarbenzüchtung. Naturwissenschaften 39:328-329. 1952. 474 N213

81732 WERFFT, R. Uber die lebensdauer der pollenkörner in der freien atmosphäre. Biol. Zentbl. 70:354-367. Ref. 1951. 442.8 B523

81733 WERNER, H. O., LEVERTON, R. M., and GRAM, M. R. Reduced ascorbic acid content of potatoes grown with and without straw mulching and irrigation in eastern Nebraska. Nebr. Agr. Expt. Sta. Res. B. 170, 40 p. Ref. Nov.1951. 100 N27

81734 WILHELM, A. F. Bormangel bei der weinrebe Vitis vinifera L. Phytopath. Z. 19:129-159. Ref. June 1952. 464.8 P562

81735 WILSON, R. D. Whiptail of cauliflower. N. S. Wales. Dept. Agr. Plant Dis. L. 127,4 p. 1952. 464.9 N47

81736 WINTER, J. M. Variations in the rate of growth of corn seedlings. S. Dak. Acad. Sci. Proc. 30: 115-120. 1951. 500 So82

81737 WOODWARD, J. C. Trace elements in plant and animal nutrition. Agr. Inst. Rev. 7(4):15-19,44-46. July 1952. 7 Ag8

81738 WU, C. N. The water absorption by sweet potato as influenced by some environmental factors observed at Taichung, Taiwan during the course of the solar eclipse in the cloudy day. (In Chinese.) Agr. Res. 2(4):69-77. Ref. Dec.1951. 22.5 Ag823
English summary.

81739 YARWOOD, C. E. Some water relations of Erysiphe polygoni conidia. Mycologia 44:506-522. Ref. July/Aug.1952. 450 M99

81740 YASUDA, I., and HASHIMOTO, N. Effect of day length on growth and flowering of Gladioli. (In Japanese.) Hort. Assoc. Japan. J. 20:238-242. Ref. Mar.1952. 87 H78
English summary.

81741 YOUNG, H. E. Differential time of change from earlywood to latewood along the bole of young loblolly pine [Pinus taeda] trees. J. Forestry 50:614-615. Aug.1952. 99.8 F768

81742 YOUNG, H. Y. Introductory plant physiology with some reference to the physiology of orchids. Pua Okika o Hawaii Nei 2:17-28. (Cont.) July 1952 80 P963

81743 YOUNG, V. H., and BEACHER, R. L. Crinkle leaf of cotton, a result of manganese toxicity. Ark. Farm Res. 1(2):7. Summer 1952. 100 Ar42F

81744 ZABLUDA, G. V., and LEBEZHENINOVA, V. M. Peculiarities of germination of spring wheat seeds in relation to conditions under which they ripened. (In Russian.) Akad. Nauk SSSR. Dok. 84:357-360. May 11, 1952. 511 P444A

81745 ZAURALOV, O. A. Changes in physiological processes of cabbage leaves produced by shading. (In Russian.) Akad. Nauk SSSR. Dok. 84:615-617. Ref. May 21,1952. 511 P444A

81746 ZELLER, A., and GRETSCHY, G. Wirkstoffe als wurzelausscheidungen von kulturpflanzen I. Testpflanzen. Bundesanst. f. Alpine Landwirt. Veröffentl. 6:124-137. Ref. 1952. 19 Ad6

81747 ZIMMERMAN, P. W., HITCHCOCK, A. E., and KIRKPATRICK, H. JR. Detection and determination of 2,4-D as a contaminant by biological methods. Boyce Thompson Inst. Contrib. 16:439-449. Apr./June 1952. 451 B69

81748 ZURZYCKA, A., and ZURZYCKI, J. The influence of some metalic ions on the phototactic movements of chloroplasts. (In Polish.) Soc. Bot. Polon. Acta 21:113-124. 1951. 451 So16
English summary.

81749 ZURZYCKI, J. The influence of temperature on the protoplasmic streaming in Elodea densa Casp. (In Polish.) Soc. Bot. Polon. Acta 21:241-264. Ref. 1951. 451 So16
English summary.

81750 ZURZYCKA, A. The influence of the wave length of light on the movements of chloroplasts in Lemna trisulca L. Soc. Bot. Polon. Acta 21:17-37. Ref. 1951. 451 So16

BIOCHEMISTRY

81751 ALSCHER, R. P. Studies on the proteolytic activity of the subcellular particulates of the cells of the leaves of Spinacia oleracea L. Fordham U. Diss. 18:3-6. 1951. 241.8 F75

81752 ASLANÎAN, G. SH., and VARTANÎAN, T. T. Change of ascorbic acid content in tubers and above ground parts of potatoes under various conditions of culture. (In Russian.) Biokhimiîa 17:179-185. Ref. Mar./Apr.1952. 385 B523

81753 BOURDON, D. Carence de potasse au champ et alcalinité des cendres. Acad. d'Agr. de France. Compt. Rend. 39:362-365. May 14/21,1952. 14 P215Bc
Field crops.

81754 BRADFIELD, A. E., and others. Chlorogenic acids in fruit trees. Nature [London] 170:168-169. July 26,1952. 472 N21
A. E. Flood, A. C. Hulme, and A. H. Williams, joint authors.

81755 CARLES, J., and others. L'équilibre protidique du blé. Acad. des Sci. Compt. Rend. 235:80-82. July 7,1952. 505 P21
L. Soubies, R. Gadet, and P. Maury, joint authors.

81756 CORKILL, L. Cyanogenesis in white clover (Trifolium repens L.) VI. Experiments with high-glucoside and glucoside-free strains. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 34:1-16. Ref. June 1952. 514 N48A

81757 FREED, S., and SANCIER, K. M. Equilibria between species of chlorophylls in solution. Science 116:175-176. Aug.15,1952. 470 Sci2

81758 GIBBS, M. Triosephosphate dehydrogenase and glucose-6-phosphate dehydrogenase in the pea plant. Nature [London] 170:164-165. July 26,1952. 472 N21

81759 GOODWIN, T. W., and JAMIKORN, M. Biosynthesis of carotenes in ripening tomatoes. Nature [London] 170:104-105. Ref. July 19,1952. 472 N21

81760 HOROWITZ, N. H., and SHEN, S. C. Neurospora tyrosinase. J. Biol. Chem. 197:513-520. Ref. Aug.1952. 381 J824

81761 JOHNSON, R. R., and WHITEHEAD, E. I. Growth and selenium content of wheat plants as related to the selenite selenium content of soil. S. Dak. Acad. Sci. Proc. 30:130-136. 1951. 500 So82

81762 JONGHE, P. DE, and HENDE, A. VAN DEN. A critical study of rapid and exact methods for the determination of mineral constituents in plants. 2. The determination of chlorides and phosphates. (In Flemish.) Gent. Landbhogesch. Meded. 16:298-311. Sept.1951. 105.1 G344
English summary.

81763 KIERMEIER, F. Uber die enzymaktivität in gefrorenen pflanzengeweben. Naturwissenschaften 39: 323-325. Ref. 1952. 474 N213

81764 KINPYO, T. Studies on raw tobacco. XI-XII. (In Japanese.) Shizuoka U. Fac. Agr. Rpt. 1:108-129. 1951. 107.6 Iw92
English summary.
Biochemistry.

81765 LE MEN, J., and POURRAT, H. Présence de l'acide ursolique dans les feuilles de Vinca minor L., Nerium oleander L. et Salvia officinalis L. Ann. Pharm. Franç. 10:349-351. May 1952. 396.8 An7

81766 LINDEBERG, G., and FAHRAEUS, G. Nature and formation of phenol oxidases in Polyporus zonatus and P. versicolor. Physiol. Plant. 5:277-283. 1952. 450 P564

81767 MARIMPIETRI, L. Modern views on the first product of chlorophyll photosynthesis. (In Italian.) Chim. e l'Indus. 34:363-364. June 1952. 385 G43

81768 MILLER, P. A., HURST, T. L., and BRIMHALL, B. Relationships of lysine and niacin with the crude protein and certain protein components in corn grain. Agron. J. 44:343-345. Ref. July 1952. 4 Am34P

81769 MOYER, F. L., and WHITEHEAD, E. I. Preliminary report on the chromatographic separation of the soluble amino acids of wheat plants. S. Dak. Acad. Sci. Proc. 30:104-109. 1951. 500 So82

81770 POPOVSKAÎA, E. M. Role of nitrogenous and water regime in the formation and accumulation of ascorbic acid in tomatoes. (In Russian.) Biokhimiîa 17: 145-153. Ref. Mar./Apr.1952. 385 B523

81771 RABIDEAU, G. S. Free and acid-hydrolyzable amino acids in four range grasses. Bot. Gaz. 113:475-479. June 1952. 450 B652
Andropogon ischaemum, Bouteloua curtipendula, Eragrostis trichodes and Sorghastrum nutans.

81772 RIBAS, I., and BASANTA, J. L. Alcaloides de leguminosas. XIV-XV. Soc. Espaň. de Fis. y Quim. An. Ser. B, Quim. 48:161-168. Feb.1952. 385 So16
English summary.
XIV, Alcaloides del "Ulex europaeus" L.; XV, Alcaloides del "Ulex nanus" Forst (Smith).

81773 RIBAS, I., SEOANE, M. C., and ALONSO DE LAMA, J. M. Sobre el contenido en alcaloides de las semillas y vainas de "Anagyris foetida" L., de Mallorca. Soc. Espaň. de Fis. y Quim. An. Ser. B, Quim. 48:421-426. May 1952. 385 So16
English summary.

81774 RUDRA, M. N. Toxic principle of Lathyrus sativus. Nature [London] 170:124-125. July 19,1952. 472 N21

81775 SEOANE, M. C., and RIBAS, I. Contenido en alcaloides del "Spartium junceum" L. Soc. Espaň. de Fís. y Quím. An. Ser. B, Quím. 47:625-638. Sept./Oct. 1951. 385 So16
English summary.

81776 SINGLETON, V. L., MERTZ, E. T., and DAVIS, R. L. The hydrolysis and amino acid assay of alfalfa, and the methionine range in 100 selections. Agron. J. 44:346-348. Ref. July 1952. 4 Am34P

81777 STRAIN, H. H. Absorption spectra and isomerization of the chlorophylls. Science 116:174-175. Aug. 15,1952. 470 Sci2

81778 TOMBESI, L., and others. Oxidase, catalase, carboanidrase and peroxidase activities, reduced/oxidated glutathione and ascorbic acid during the fruit and seed ripeness. I. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 69,18 p. Ref. 1951. 105.4 R66
T. Cervigni, M. Tarantola, A. Barroccio, S. Fortini, and M. E. Venezian, joint authors.
English summary.

81779 TOMBESI, L. The plant metabolism and the soil water supply. I. Enzymatic pattern and enzymatic coefficent of the species. (In Italian.) Ann. della Sper. Agr. (n.s.) 6:661-688. 1952. 16 An76
English summary.

81780 VICKERY, H. B., HARGREAVES, C. A., II., and NOLAN, L. S. The metabolism of the organic acids of tobacco leaves. V-VI. J. Biol. Chem. 197:121-139. Ref. July 1952. 381 J824

81781 WALL, M. E., and others. Detection and estimation of steroidal sapogenins in plant tissue. Analyt. Chem. 24:1337-1341. Aug.1952. 381 J825A
C. R. Eddy, M. L. McClennan, and M. E. Klumpp, joint authors.

81782 WEURMAN, C. Pectine-omzettingen en pectine-fermenten in doyenné boussoch peren [Pectin conversions and pectic enzymes in pears of the Doyenné Boussoch variety]. Cent. Inst. v. Voedingsonderz. T. N. O. P. 147,74 p. Ref. 1952. 389.9 Ut7
English summary.

81783 YUILL, J. L. Polysaccharide production by Aspergillus niger. Chem. & Indus. 31:755-756. Aug.2, 1952. 382 M31C

FIELD CROPS

Includes articles on general agronomy and on crop varieties, breeding, cultural practices, and yield.

General

81784 ARNOLD, L. E. Seed improvement—looking ahead. Internatl. Crop. Impr. Assoc. Annu. Rpt. 32/33: 29-38. 1950-51,pub.1952. 61.9 In8

81785 BARRETO, M. B. Preliminary tests on seed germination. (In Portuguese.) Gaz. do Agr. 4:125-126. May 1952. 24 G25

81786 BEESON, K. E., and others. Trends in limiting generations in seed certification. Internatl. Crop Impr. Assoc. Annu. Rpt. 32/33:191-202. 1950-51,pub. 1952. 61.9 In8
C. Borgeson, H. E. Finnell, J. C. Hackleman, R. P. Moore, and J. W. Oakley, joint authors.

81787 BRANDSCH, F., and KLAENFOTH, P. Auch im versuchswesen kein stillstand! Deut. Landwirt.-Gesell. Mitt. 67:426-427. June 7,1952. 18 N39
Field crops.

81788 BRASE, O. Zwischenfruchtbau immer notwendiger. Landwirtbl. Weser-Ems 99:705-706. July 17, 1952. 18 L2345

81789 CAPULER, B. Activities of the Crop Rotation Commission. Hassadeh 32:316-318. Apr.1952. 26 H27
In Hebrew.

81790 CARDEW, J. China's crops. World Crops 4:268-271. Aug.1952. 281.8 W892
Chiefly field crops.

81791 CHAVANCY, A. Compte-rendu des travaux du Centre d'Expérimentation Agronomique de Blao en 1947-1948 et 1949. Arch. des Rech. Agron au Cambodge, au Laos et au Viêtnam 10,77 p. 1951. 22.5 Sa22

81792 CLEVERINGA, C. J. Crop rotation. III. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:225-232. June 1952. 12 N383M

81793 CLEVERINGA, C. J. Rotation of crops. II. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:193-200. May 1952. 12 N383M

81794 ENGELMANN, H. Zwischenfruchtbau und bodenfruchtbarkeit. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1137-1138. July 24,1952. 18 L2346

81795 ESSER, J. Gedanken um den winterzwischenfruchtbau. Grünland 1:52-53. In Tierzüchter 4(13). July 5,1952. 49 T445

81796 GLASOW, W. Zur hackfruchternte: arbeitsverfahren. Landwirt. Wchnbl. 142:886-887. Aug.9,1952. 18 L2338

81797 GOHRUM, K. Vorwärts durch stoppelfruchtbau. Bauern-Ztg. 5(26):6-7. June 27,1952. 18 B324
Germany.

81798 GRUNEBERG, J. Eine wenig genutzte zwischenfruchtpflanze. Landwirtbl. Weser-Ems 99:577-578. June 12,1952. 18 L2345
Sugar beets.

81799 HAUSER, E. Zur hackfruchternte: der hackfruchtbau in Schweden. Landwirt. Wchnbl. 142:889-891. Aug.9,1952. 18 L2338

81800 HOLMES, J. C. The establishment of experiments. Edinb. & East Scot. Col. Agr. B. 32:35-49. Jan.1952. 103 Ed4E
Sampling in plot experiments.

81801 INTERNATIONAL CROP IMPROVEMENT ASSOCIATION: Thirty-second and thirty-third annual reports, 1950-51. Meetings held at Hotel President, Kansas City, Mo.,1952. 203 p. 61.9 In8

81802 JOHNSON, A. A. Methods of teaching the value of good seed. Internatl. Crop Impr. Assoc. Annu. Rpt. 32/33:44-54. 1950-51,pub.1952. 61.9 In8

81803 KLAGES, K. H. Proper rotation provides basis for profitable crop production. Sugar Beet 10(6): 4-5,29-30. June 1952. 66.8 Su34B

81804 LAGOS UGALDE, J. A. Rotación de las cosechas. Rev. de Agr. [San José] 24:200-202. July 1952. 8 Es1

81805 LAWLEY, D. N. The principles and accuracy of sampling. Edinb. & East Scot. Col. Agr. B. 32:49-55. Jan.1952. 103 Ed4E
In plot experiments.

81806 MALMUS. Erfahrungen im zwischenfruchtbau. Hannoversche Land- u. Forstwirt. Ztg. 105:705-706. July 12,1952. 18 H194

81807 MARKOVIĆ, B. Care of food crops. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(8/9):2-4. May 1952. 21.5 V87

81808 MERCURI, S. Postponement of rotations; from the five year to the ten year program. (In Italian.) Gior. di Agr. 62:238. Aug.3,1952. 16 It1G
Italy.

81809 MOSEMAN, A. H. The future of agronomic research. Washington,U. S. Bur. Plant Indus., Soils, & Agr. Engin.,1952. 9 p. 1.965 A2M85
Talk at the dedication of the new Agronomy Building, University of Nebraska, June 26, 1952.

81810 NIJDAM, F. E., SCHEIJGROND, W., and KORTEWEG, G. A. Standards for judging varieties in agriculture. (In Dutch.) Zaadbelangen 6:137-138. (Cont.) June 30,1952. 61.8 Z1

81811 NILSSON-LEISSNER, G. Production of improved seed in Sweden. Internatl. Crop Impr. Assoc. Annu. Rpt. 32/33:39-44. 1950-51,pub.1952. 61.9 In8

81812 OHIO. AGRICULTURAL EXPERIMENT STATION. An evaluation of recommended varieties of field crops for Ohio farmers in 1952. Ohio. Agr. Expt. Sta. Agron. Dept. Ser. 123,8 p. Mar.1952. 100 Oh32

81813 OHIO. AGRICULTURAL EXPERIMENT STATION. Notes on crop varieties recommended in Ohio. Ohio. Agr. Expt. Sta. Agron. Mimeog. 120,11 p. Jan.1951. 100 Oh32

81814 POCH, M. K. Die verhältnisse für den sommerzwischenfruchtanbau in Thüringen in abhängigkeit von temperatur, niederschlägen und vegetationsdauer. Deut. Landwirt. 3:304-306. June 1952. 18 D4822

81815 POHLMAN, G. G. Cropping system. W. Va. Agr. Expt. Sta. B. 349(3):5,7. June 1952. 100 W52

81816 POUPART, Y. Le Centre de Recherches Agronomiques de Bingerville. Marchés Colon. du Monde 8:1789-1791. June 28,1952. 286.8 M33

81817 SMITH, A. M., MOON, F. E., and SIMPSON, K. The sampling of soils and agricultural crops. Edinb. & East Scot. Col. Agr. B. 32:5-15. Jan.1952. 103 Ed4E

81818 STAPLEDON, SIR G. New varieties and strains of herbage and crop plants. Farmers Annu. 1952: 51-53. 10 F2237

81819 VAN ROOYEN, J. Potatoes don't pay but increase mealie yields; non-stop rotational system in operation on large-scale Transvaal highveld enterprise with beef and milk as by-products. Farmer's Wk. [Bloemfontein] 83:13,15. July 2,1952. 24 F225

81820 WHEELER, W. A. Many hands help establish a new crop. Crops & Soils 4(9):14-16. Aug./Sept.1952. 6 W55
National Foundation Seed Project, a cooperative project of the U. S. Dept. of Agriculture, State experiment stations, State crop improvement associations, International Crop Improvement Association, and the seed trade.

Cereals

81821 AKERMAN, A. The improvement of the yield of cereals in Sweden due to plant breeding. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 297-301. 1949,pub.1951. 279.9 Un32P

81822 ANDREA, S. D'. From "Cologna" to "Giuliari," the history of Lonigo wheat. (In Italian.) Agricoltura 1(6):41-43. June 1952. 16 Ag8226

81823 BENVENUTI, B. Considerations on the next grain season; improve technique to make the crop more productive. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(64):10. July 27,1952. 281.8 Ag3

81824 BERGE, O. I., and HODGES, L. H. More good grain and straw. Hoard's Dairyman 97:648-649. Aug.10, 1952. 44.8 H65
Harvesting methods.

81825 BERTRAND, P. Les conditions de la culture du riz dans le Haut-Donnai (Viet-Nam). Agron. Trop. [Nogent-sur-Marne] 7:266-275. May/June 1952. 26 Ag86

81826 BONATO, C. Technical and economic aspects of rice progress. (In Italian.) Riso 1(4):3-5. May 1952. 59.8 R49

81827 BONIFAZ, E. Experimento de hibridación de trigo. B. de Inform. Cient. Nac. 4:469-470. Jan./Feb. 1952. 475 B633

81828 BORASIO, L. Thailand, land of rice and smiles. (In Italian.) Riso 1(4):8-12. May 1952. 59.8 R49

81829 BOSMA, W. A. Results of varietal tests of grains, peas, and blue poppy seed in 1950. (In Dutch.) Netherlands. Dir. van de Wieringermeer. Verslag 13:3-23. 1950,pub.1951. 290.9 N382
Includes discussion.

81830 CALMA, V. C., and ABERION, R. B. Carreon and Inintiw as secondary crops in succession to a primary rice crop. Philippine Agr. 35:37-40. June 1951. 25 P542

81831 CALZADA B., J. Densidad del trasplante en los cultivos de arroz en Lambayeque. Vida Agr. [Lima] 29:411,413-414. May 1952. 9.8 V66

81832 CHUCKA, J. A. Yield decides if your grain crop will pay. East. States Coop. 28(8):8-9. Aug.1952. 280.28 Ea7

81833 COLLIER, J. W., SMITH, J. C., and JOHNSTON, J. R. Corn fertility and spacing studies at the Blackland Station, 1948-50. Tex. Agr. Expt. Sta. Prog. Rpt. 1388, 7 p. July 30,1951. 100 T31P

81834 COLLISTER, E. H., and KRAMER, H. H The effect of oat variety on the stand and development of red clover. Agron. J. 44:385. July 1952. 4 Am34P

81835 COTTE, A. Expérimentation sur les sorghos 1948-1951. France. Min. de l'Agr. B. Tech. d'Inform. 71:417-424. July 1952. 14 F844B

81836 CROUZIER, J. P. Le mais-hybride en Anjou. Cerca 25:66-68. Dec.1951. 105.3 An4C

81837 DERICK, R. A. Cereal crop variety survey in eastern Canada. Cereal News, Jan.1952:2-4. 59.9 C1622

81838 DICKE, F. F., and PENNY, L. H. Built-in resistance helps corn fight borers. Crops & Soils 4(9): 9-11. Aug./Sept.1952. 6 W55

81839 DICKEY, J. B. R. New grain varieties. Pa. Farmer 147:106,112. Aug.23,1952. 6 P383

81840 DICKSON, A. D. Report on malting quality of samples from uniform barley nursery, upper Mississippi Valley, 1951. Barley Impr. Conf. Rpt. 7:3-10. 1952. 59.9 M583

81841 DYVERDON, C. La culture du sarrasin. Cour. Hort. 14:204-205. Apr.1952. 80 C834

81842 ELEMA, H. M. The mowing of beaten-down grain. (In Dutch.) Drents Landbbl. 33(29):5. July 17, 1952. 12 D812

81843 ELLE, T. Variety trials with six-rowed barley. (In Norwegian.) Forsk. og Forsøk i Landbr. 2:323-353. 1951. 11 F772
English summary.

81844 EVERETT, H. L. A new twist to the double cross; the interesting story on the work being done to improve corn yield and feeding values. East. Feed Merchant 3(8):26,28,59. Aug.1952. 389.78 Ea7

81845 FANGMANN, A. Ernteverhältnisse und hilfsmittel bei lagergetreide. Landwirtbl. Weser-Ems 99: 708-710. July 17,1952. 18 L2345

81846 FARINHA, J. Cultural practices for rice. (In Portuguese.) Granja [Lisboa] 11:111-115. (Cont.) Apr./June 1952. 15.5 G76

81847 FIORETTI, D. American hybrids, Marano, and technique of regression. (In Italian.) Agr. Vicentina 83(14):1-2. July 13,1952. 16 Ag8257
Corn.

81848 FREITAS, H. DE. Wheat culture in Minas Gerais. (In Portuguese.) Lavoura 56:26. May/June 1952. 9.2 L39

81849 FRITSCH, E. Wünsche und forderungen der praktischen müllerei an die getreidezüchtung. Mühle 89: 413-414. July 3,1952. 298.8 M89

81850 GALLETTI, A. C. Thermometric observation on grain culture in the high hill area (Studies carried out in the hills of Volterra). (In Italian.) Humus 8(4):9. May 1952. 16 H88

81851 GRISSOM, D. B. Popcorn in Texas. Popcorn Merchandiser 7(4):12,20,28. July 1952. 280.38 P81
Breeding.

81852 GROSZMANN, A. Hybrid corn in the State of Minas Gerais. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1:6-18. Jan.1952. 9.2 M663

81853 HAAN, H. DE. The origin of cultivated plants. III. Oats. (In Dutch.) Drents Landbbl. 32(45):4. Nov.17, 1951. 12 D812

81854 HERNES, O. Variety trials with oats. (In Norwegian. Forsk. og Forsøk i Landbr. 2:355-368. 1951. 11 F772

81855 HODGSON, R. E. Beware of soft corn. Land O'Lakes News 33(4):7,14. May 1952. 44.8 L22
Culture.

81856 HOLDEN, E. D. El maiz hibrido, notable hallazgo en la genética. Agr. Venezol. 16(153):37-38. Nov./Dec.1951. 9.95 Ag8

81857 HOSONO, S. Some aspects of winter cropping of paddy fields. (In Japanese.) Nogyo Sogo Kenkyu 6(2): 94-143. Apr.1952. 22.5 N687
Japan.

81858 INDIANA CORN GROWERS ASSOCIATION. Indiana seed and crops champions 1951. n.p.,1951. 15 p. 59.9 In2

81859 INGERSOLL, F. S. Male sterile corn makes better hybrids. Crops & Soils 4(9):26-27. Aug./Sept. 1952. 6 W55

81860 INSTITUT NATIONAL POUR L'ÉTUDE AGRONOMIQUE DU CONGO BELGE. DIV. DES PLANTES VIVRIÈRES, YANGAMBI. La sélection des plantes vivrières à Yangambi: le riz et le manioc. Inst. Natl. pour l'Etude Agron. du Congo Belge. B. d'Inform. 1:37-54. In Belgium. Min. des Colon. B. Agr. du Congo Belge 43(2). June 1952. 24 K83

81861 JONES, J. W., and others. Rice production in the Southern States. U. S. D. A. Farmers' B. 2043,36 p. July 1952. 1 Ag84F
J. O. Dockins, R. K. Walker, and W. C. Davis, joint authors.
Supersedes Farmers' Bulletin 1808.

81862 JONES, M. D., and BROOKS, J. S. Effectiveness of distance and border rows in preventing outcrossing in corn. Internatl. Crop Impr. Assoc. Annu. Rpt. 32/33:79-80. 1950-51,pub.1952. 61.9 In8

81863 KÖNNECKE, G. Situation und möglichkeiten der qualitätszüchtung. Mühle 89:410-413. July 3,1952. 298.8 M89
Wheat.

81864 LAMB, C. A. Ohio soft winter wheat tests including results of 1951. Ohio. Agr. Expt. Sta. Agron. Dept. Ser. 127,10 p. May 1952. 100 Oh32

81865 LEJEUNE, A. J. Report on selected varieties of malting barley program in North Dakota and Minnesota 1951. Barley Impr. Conf. Rpt. 7:28-30. 1952. 59.9 M583

81866 LENTZ, J. H. Erntedrusch im bauernbetrieb. Hannoversche Land- u. Forstwirt. Ztg. 105:681-682. July 5,1952. 18 H194

81867 MARTIN LYNCH, A. Factores climatéricos que intervienen en la producción de trigo—calidad de trigo y sus relaciones con el clima. Agronomia [Lima] 17(69):32-34. May/June 1952. 9.8 Ag83

81868 MIDWEST BARLEY IMPROVEMENT ASSOCIATION. Report, Barley Improvement Conference, February 12,1952. Milwaukee,1952. 33 p. 59.9 M583
Seventh report.

81869 MISSION FRANÇAISE DE PRODUCTIVITÉ POUR L'ÉTUDE DE LA PRODUCTION DU RIZ AUX U. S. A. Rapport préliminaire. Agron. Trop. [Nogent-sur-Marne] 7:292-303. May/June 1952. 26 Ag86

81870 MORBELLO, T. Our rice regions: Vercelli. (In Italian.) Riso 1(4):27-29. May 1952. 59.8 R49

81871 NELSON, O. E., JR. Hybrid popcorn performance tests, 1951. Popcorn Merchandiser 7(4):22-24, 26-28. July 1952. 280.38 P81

81872 NOVELLI, N. How I introduced the variety American 1600. (In Italian.) Riso 1(4):6-7. May 1952. 59.8 R49

81873 PAINE, K. E. Plan now for a better fall grain seeding. East. States Coop. 28(8):5-6. Aug.1952. 280.28 Ea7
Seed varieties.

81874 PARKER, J. H. Plans for the selected varieties of malting barley program in North Dakota, Minnesota and South Dakota, 1952. Barley Impr. Conf. Rpt. 7: 31. 1952. 59.9 M583

81875 REISS, E. The efficient utilization of cereal areas in mixed farming. Hassadeh 32:309-311. Apr. 1952. 26 H27
In Hebrew.

81876 REITZ, L. P. New developments broaden horizons in wheat breeding. Nowest. Miller (Milling Prod. Sect.) 248(2):18a-21a. July 8,1952. 298.8 N81

81877 RICCI, I. Results of tests with hybrid corn in the Province of Ravenna, agricultural season 1951. (In Italian.) Romagna Agr. e Zootec. 12:5. (Cont.) July 1952. 16 R66

81878 RIES, L. W. Die getreideernte-technik der zukunft. Deut. Landwirt.-Gesell. Mitt. 67:519-522. July 19,1952. 18 N39

81879 RODRIGUEZ, J. T. Cultivo del maicillo. Comt. Nac. de Café. B. 5:646-648. Oct./Dec.1951. 68.29 C732

81880 ROGAL'SKIĬ, A. M. Result of agronomical work in Chertkov District [Rostov Region]. (In Russian.) Sovet. Agron. 10(7):82-84. July 1952. 20 So84
Yields of cereals chiefly.

81881 ROSEN, H. R., and YORK, J. O. Arkwin, a new winter pasture oat for Arkansas. Ark. Farm Res. 1(2):5. Summer 1952. 100 Ar42F

81882 ROUART, S. Les sorghos à grains. Rev. Agr. de l'Afrique du Nord 50:149-150. Mar.7,1952. 80 R326

81883 RUDORF, W., and SCHNELL, W. Die leistungen amerikanischer hybridmaise in westdeutschen versuchen 1949-51. Deut. Landwirt.-Gesell. Mitt. 67:435-437. June 14,1952. 18 N39

81884 SANCHEZ-MONGE PARELLADA, E. Los triticales. Inst. Agr. Catalán de San Isidro. Rev. 101: 101-104. May 1952. 15 Sa5
Wheat breeding.

81885 SAZANOV, V. I. Method of developing winter rye variety for Kuibyshev Region. (In Russian.) Vsesoûzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(5):3-8. 1952. 20 Ak1

81886 SCHAAFFHAUSEN, R. VON. Adlay or Job's Tears, a cereal of potentially greater economic importance. Econ. Bot. 6:216-227. Ref. July/Sept,1952. 450 Ec7

81887 SIERRA, J. A. Breve reseña sobre cebadas. Agr. Trop. 8(6):7-10. June 15,1952. 26 Ag8
Culture in Colombia.

81888 SOMMERKAMP. Alte und neue probleme der getreideernte. Landwirtbl. Weser-Ems 99:653-655. July 3,1952. 18 L2345

81889 STEPHENS, J. C., KUYKENDALL, G. H., and GEORGE, D. W. Experimental production of hybrid sorghum seed with a three-way cross. Agron J. 44:369-373. July 1952. 4 Am34P

81890 TAKAHASHI, R., and YAMAMOTO, J. Studies on the classification and the geographical distribution of the Japanese barley varieties. II-III. Ohara Inst. f. Landwirt. Forsch. Ber. 9:383-410. Ref. 1951. 107.6 Oh1
I, by R. Takahashi; II, by R. Takahashi and J. Yamamoto.

81891 THIELEBEIN. "Neue" getreideanbauverfahren. Landbforsch. Völkenrode 2:68-69. July 1952. 18 L2353
Germany.

81892 THOMPSON, W. R., and WALLER, T. M. Growing rice in the Mississippi Delta. Miss. State Col. Ext. P. 219,6 p.-folder. June 1952. 275.29 M68Ext

81893 U. S. BUR. OF AGRICULTURAL ECONOMICS. Barley varieties in North Dakota, 1952. Fargo,1952. 2 p. 1.941 A2B24

81894 VECCHI, E. DE. Development of "Nero Vialone." (In Italian.) Riso 1(5):10. June 1952. 59.8 R49

81895 VIDAL MORA, J. M. El cultivo del trigo a lineas. Balearic Isl. Diputación Prov. B. de Agr. 92: 10-11. May 1952. 15 B19

81896 WIEBE, G. A. Report on uniform barley, upper Mississippi Valley, 1951. Barley Impr. Conf. Rpt. 7:1-3. 1952. 59.9 M583

81897 WILSON, E. Here's what it costs to grow your own corn. Poultry 111:38. July 15,1952. 47.8 P869
Grain.

Fiber Crops

81898 ANDRADE, J. L. DE. Care to be given to ramie fields. (In Portuguese.) Granja [Lisboa] 11:67-76. Apr./June 1952. 15.5 G76

81899 BROWN, C. H. The Egyptian cotton industry III. Egyptian agriculture, the problem of planning and freedom. World Crops 4:281-284. Aug.1952. 281.8 W892

81900 BURLESON, C. A., and HUBBARD, J. L. Cotton defoliation in the Lower Rio Grande Valley, 1951. Tex. Agr. Expt. Sta. Prog. Rpt. 1397,5 p. Sept.1,1951. 100 T31P

81901 COOK, J. M. Standardized variety testing results. Spinner-Breeder Conf. [Proc.] 8:6-8. 1951. 72.9 C765

81902 ELLIOT, S. Kenaf un nuevo campo para la agricultura nacional. Asoc. Gen. de Agr. B. 321:2. June 30,1952. 8 As52
Culture in Guatemala.

81903 ELLIOTT, F. C. Cotton defoliation guide in Texas. Tex. Agr. Col. Ext. L. 145,3 p. n.d. 275.29 T313

81904 ELLIOTT, F. C. New Texas extension defoliation guide aids cotton harvest. Cotton Gin & Oil Mill Press 53(16):14,26. Aug.2,1952. 304.8 C822

81905 EMPIRE COTTON GROWING CORPORATION. Report of the thirty-first annual general meeting on 8th July, 1952. London,1952. 18 p. 72.9 G79

81906 ERGLE, D. R., and MCILRATH, W. J. Germination of seed harvested from cotton plants damaged by 2,4-D. Tex. Agr. Expt. Sta. Prog. Rpt. 1394,4 p. Aug. 20,1951. 100 T31P

81907 FRIEDERICH, J. C. Impressions on flax planting in 1952. (In Dutch.) Landbode 6(30):12. July 24, 1952. 12 L234
Netherlands.

81908 FRIEDERICH, J. C. Impressions on 1952 flax planting. (In Dutch.) Landbouwberichten 7:136. July 31,1952. 12 L236
Netherlands.

81909 GANGULI, S. M. Jute cultivation in the Nainital District in Uttar Pradesh. Jute B. 15:65-70. May 1952. 73.38 In2

81910 JONES, D. L., and RAY, L. L. Stormproof cotton. Crops & Soils 4(9):12-14. Aug./Sept.1952. 6 W55

81911 KREIDIK, B. Cotton plantings with narrowed inter-rows. (In Russian.) Khlopkovodstvo 1:23-28. Jan. 1952. 72.8 K522

81912 KUBO, K., AKITA, S., and OKOJI, H. Wata, asa saibai-ho [Cultivation of cotton and hemp]. Shinnogyo Zensho 8, 201 p. 1951. 22.5 Sh66

81913 LESIK, B. V. Effect of cultural conditions on change in technological properties of the stem and fiber of hemp. (In Russian.) Vsesoûzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(5):9-14. 1952. 20 Ak1

81914 MENEZES, O. B. DE. Hybrid seeds for cotton. (In Portuguese.) Rev. de Agr. [Piracicaba] 27: 192-195. May/June 1952. 9.2 R324

81915 MENEZES, O. B. DE. The improvement of cotton in the Northeast. (In Portuguese.) Lavoura 56: 19-20. May/June 1952. 9.2 L39
Brazil.

81916 MONTERO FERNANDEZ, A. El problema del cultivo del lino para el abastecimiento nacional. Agricultura [Madrid] 21:317-320. June 1952. 15 Ag84
Spain.

81917 MORAZAIN, J. G. La culture du lin au Canada. Fleur Bleue 19:30-34. June 1952. 304.8 F63

81918 MORAZAIN, J. G. La culture du lin au Canada. Terre de Chez Nous 24(24):6. (Cont.) Aug.5, 1952. 7 T27

81919 NEELY, J. W. Production factors influencing 1951 crop spinning qualities. Spinner-Breeder Conf. [Proc.] 8:10-14. 1951. 72.9 C765
Includes discussion.

81920 ORELLANA A., R. Crops suitable for the large semi-arid areas in the State of Lara. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 301-303. 1949,pub.1951. 279.9 Un32P
Agave and pineapple.

81921 PECK, H. Notes sur la culture du sisal. B. Agr. 2(1):1-4. Jan.1952. 8 B87

81922 PECK, H. Sélection des bulbilles de sisal pour l'établissement d'une pépinière. B. Agr. 2(2/3): 18-19. Mar./May 1952. 8 B87

81923 PUERTAS FABILA, J. L. Rotaciones en el cultivo del algodonero. Agronomía [Monterrey] 22:6. May/June 1952. 8 Ag828

81924 SAYRE, C. R. Producer progress toward meeting mill demands. Spinner-Breeder Conf. [Proc.] 8:18-19. 1951. 72.9 C765

81925 SEN, D. L. Possibility of growing Sea Island cotton in East Punjab. Indian Textile J. 62:553,573. June 1952. 304.8 In2

81926 U. S. INTER-DEPARTMENTAL COMMITTEE ON UTILIZATION OF WEATHER BUREAU SERVICES BY AGRICULTURE. Report on better utilization of Weather Bureau information for cotton in 1951. Washington,U. S. Ext. Serv.,1952. 15 p. 1.913 A2R2923

81927 VYSOTSKIĬ, K. Growing cotton from transplanted seedlings. (In Russian.) Khlopkovodstvo 1:29-34. Jan.1952. 72.8 K522

81928 WALLER, T. M. 7 steps to more cotton, more money. Miss. State Col. Ext. P. 192,6 p.-folder. Apr. 1951. 275.29 M68Ext

Forage Crops and Grasses

81929 AKEBERG, E. Experiments with varieties of red clover and alfalfa. (In Swedish.) Lantmannen 36: 589-590. July 26,1952. 11 L234

81930 AMERICANO, A. Kudzu—ideal forage. (In Portuguese.) Granja [Porto Alegre] 8(60/61):51-54. Mar./Apr.1952. 9.2 G76

81931 ANDRADE, J. L. DE. On kudzu. (In Portuguese.) Granja [Lisboa] 11:94-100. Apr./June 1952. 15.5 G76

81932 ANGOVE, P. C. Lucerne in South Australia. So. Austral. Dept. Agr. J. 55:490-499. (Cont.) May 1952. 23 So84

81933 BAKKER, D. D. Grazing trials. (In Dutch.) Netherlands. Dir. van de Wieringermeer. Verslag 13:39-50. 1950,pub.1951. 290.9 N382

81934 BAKOVIĆ, D. Pastures on the Velebit Mountain. (In Serbo-Croatian.) Stočarstvo 6:95-96. Feb.1952. 43.8 St6

81935 BAL'IAN, G. A. Plantings of Sudangrass and foxtail millet on the collective farms in the mountainous area of Azerbaidzhan. (In Russian.) Kormovaia Baza 3 (3):40-42. Mar.1952. 60.8 K84

81936 BEETLE, A. A. A report on the Patagonian Range. Wyo. Range Mangt. 47,2 p. May 1952. 60.19 W99

81937 BENNETT, H. W., and EASLEY, O. W., JR. Harvest of dallis grass [Paspalum dilitatum] seed studied. Miss. Farm Res. [Miss. Sta.] 15(6):1,8. June 1952. 100 M69Mi

81938 BERG, M. Combine harvesting in grass seed culture. (In Swedish.) Lantmannen 36:583-585. July 26, 1952. 11 L234

81939 BHARUCHA, F. R., and DAVE, R. N. The grasslands of Raita, Bombay. Brit. Grassland Soc. J. 7:55-63. June 1952. 60.19 B773

81940 BILLINGTON, T. F. Grassland versus arable. Farmers Annu. 1952:24-26. 10 F2237
Great Britain.

81941 BLAKE, A. A. Maintenance of pastures of Matamata and Piako Counties. New Zeal. J. Agr. 84:479-481,483,485,487,489-490. June 16,1952. 23 N48J

81942 BLIN, H. Création de ressources fourragères pour l'automne et l'hiver. Agr. Prat. 116:359-360. July 1952. 14 J82
France.

81943 BOONSTRA, R. Harvest what you grow so you can market what you produce. Agr. Leaders' Digest 33(6):10-13. June 1952. 275.28 Am3
Hay harvesting and hay drying systems.

81944 BOSTICK, V. Determining grazing capacity. N. Mex. Stockman 17(8):86-87. Aug.1952. 49 N462

81945 BOTHA, J. P. The most important agricultural product. (In Afrikaans.) Wolboer 5(10):24-25. June 1952. 45.8 W83
Grass in the Union of South Africa.

81946 BOTTAZZI, G. B. The source of alfalfa seed. (In Italian.) Gior. di Agr. 62:205. July 6,1952. 16 It1G
Italy.

81947 BURGER, A. W., SPURRIER, E. C., and FOSTER, J. E. Grass and legume combinations for beef production. Md. Agr. Expt. Sta. B. 442,13 p. June 1952. 100 M36Bx

81948 BYWATER, T. L. Relation of sustained livestock production to condition of grazing land. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 506-509. Ref. 1949,pub.1951. 279.9 Un32P

81949 CALLANTINE, E. J. Sand dropseed (Sporobolus cryptandrus). S. Dak. Stockgrower 6(5):3-4. June 15, 1952. 49 So84

81950 CALLANTINE, E. J. Slender wheatgrass (Agropyron trachycaulum). S. Dak. Stockgrower 6(6):5-6. July 15,1952. 49 So84

81951 CAMPBELL, J. B. Farming range pastures. J. Range Mangt. 5:252-258. July 1952. 60.18 J82

81952 CARLSON, N. K. Grazing land problems, Molokai Island, Territory of Hawaii. J. Range Mangt. 5:230-242. July 1952. 60.18 J82

81953 CAROLIS, V. DE. Two important forage plants. (In Italian.) Mondo Agr. 3(29):4. July 20,1952. 16 M74

81954 CARTER, G. L., JR., and NEEL, L. R. 5 steps to good pastures. Farm & Ranch—South Agr. Upper So. Ed. 82(8):13. Aug.1952. 6 T31

81955 CENTRAAL INSTITUUT VOOR LANDBOUWKUNDIG ONDERZOEK. Experiments with grass seeds. (In Dutch.) Landbode 6(30):11. July 24,1952. 12 L234

81956 CENTRE NATIONAL DE RECHERCHES HERBAGÈRES ET FOURRAGÈRES. Rapport general de la IIIe section sur les travaux pratiques exécutés durant quatre ans à la ferme expérimentale de Leval-Trahegnies par J. Verdeyen. Bruxelles,1952. 55 p. 389.79 C33
Library has also reports of research carried out at the experimental farms of Eecloo, Berlaer, and Herve.

81957 CHAPMAN, C. J. Man cannot live by bread alone. Amer. Plant Food Council J. 6(2):2-3,14,31. Apr./June 1952. 57.8 P692
Chiefly pasture management.

81958 CHRISTENSEN, A. S. Over thirty years of ley farming. Farmer & Stock-Breeder 66(3276):42-44. Aug. 5/6,1952. 10 F228
Grassland policy followed on a farm in Sussex.

81959 COMERIO, N. Forrajicultura:zonas semiaridas erosionables. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(30):12-14. Dec.1951. 9 Ar35

81960 COOPER, M. M. Use of grass and clover seeds in British pastures. Farm & Mkt. 1:7-9. Jan. 1951. 280.28 F229

81961 CORKILL, L. The breeding of pasture plants in New Zealand. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:534-540. Ref. 1949,pub.1951. 279.9 Un32P

81962 DAVIES, W. British grassland problems and some results. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:514-516. 1949,pub.1951. 279.9 Un32P

81963 DEE, W. E. Information about rescue grass [Bromus catharticus]. Amer. Tung News 3(7):8-9. July 1952. 307.8 Am33

81964 DEE, W. E. Redtop or herbs grass has wide climatic adaptation for wet land. Amer. Tung News 3(7): 3,10. July 1952. 307.8 Am33
Agrostis alba.

81965 DEFRANCE, J. A., ODLAND, T. E., and BELL, R. S. Improvement of velvet bentgrass [A. canina] by selection. Agron. J. 44:376-378. July 1952. 4 Am34P

81966 DEULIN, G. M. To organize the collection of wild red clover seeds. (In Russian.) Kormovaía Baza 3 (6):62. June 1952. 60.8 K84

81967 DUDLEY, D. I., and HOLT, E. C. Cool season grasses for north central Texas. Tex. Livestock J. 11(7): 8,103-104. July 1952. 49 T29

81968 DUTTON, W. L. Management and administration of range lands in Japan. J. Range Mangt. 5:221-229 July 1952. 60.18 J82

81969 ECHEVERRI, L. G. La promiscuidad de los pastos. Soc. Antioqueña de Agr. B. Agr. 384:3383-3385. Apr.1952. 9.4 So1
Colombia.

81970 ELDER, W. C. The annual Lespedezas. Okla. Agr. Expt. Sta. Forage Crops L. 9,2 p. May 1952. 60.9 Ok4

81971 ELDER, W. C. Dallis grass (Paspalum dilatatum). Okla. Agr. Expt. Sta. Forage Crops L. 12,2 p. May 1952. 60.9 Ok4

81972 ELEAZER, J. M. South Carolina pasture progress and problems. Prog. Farmer Carolinas-Va. Ed. 67(8):20. Aug.1952. 6 P945

81973 ELSUKOV, M. P., TIUTIUNNIKOV, A. I., and BOLOTOV, K. D. Culture of winter rye for green feed, hay and silage. (In Russian.) Sovet. Zootekh. 7(3):62-68. Mar.1952. 49 So822

81974 FENSE, H. Futterbau in Schleswig-Holstein als grundlage der milchwirtschaft. Deut. Molk.-Ztg. 72:636-637. May 25,1951. 44.8 Su2

81975 FORSLING, C. L. Relation of sustained livestock production to condition of grazing land. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 500-505. Ref. 1949,pub.1951. 279.9 Un32P

81976 FRANK, F. Weidepflege und feldmausplagen. Grünland 1:53-54. In Tierzüchter 4(13). July 5,1952. 49 T445

81977 GARRISON, C. S. Progress in making available seed of improved varieties of grasses and legumes. Internatl. Crop Impr. Assoc. Annu. Rpt. 32/33:161-173. 1950-51,pub.1952. 61.9 In8

81978 GAYL, A. Wie kann der alpertrag auch ohne bargeldaufwand behoben werden? Auf der Alpe 7:53-54. July 1952. 18 Au3

81979 GISH, N. R. More grass on the range land. Oreg. Farmer 75:599,603. Aug.7,1952. 6 OR32
Range improvement, including sagebrush spraying.

81980 GMELIN. Sorgen um das winterfutter. Bad. Landwirt. Wchnbl. 119:531. Aug.2,1952. 18 B142
Catch crops culture.

81981 GORCHAKOVSKII, P. L. High mountain meadows of the Ural Area. (In Russian.) Priroda 41(4):110-113. Apr.1952. 410 P933

81982 GRANFIELD, C. O. How to double yields of alfalfa seed. Internatl. Crop Impr. Assoc. Annu. Rpt. 32/33:27-29. 1950-51,pub.1952. 61.9 In8

81983 GUEIT, M. Géographie fourragère américaine et algérienne. Rev. Agr. de l'Afrique du Nord 50:200-202. Mar.28,1952. 80 R326

81984 GUPTA, Y. C. Cowpea and its place in agriculture. Indian Farming (n.s.)2(3):24,27. June 1952. 22 In283
Includes culture.

81985 HANSON, A. A., SPRAGUE, V. G., and MYERS, W. M. Evaluation of Kentucky bluegrass strains grown in association with white clover. Agron. J. 44:373-376. July 1952. 4 Am34P

81986 HARLAN, J. R. King ranch bluestem (Andropogon ischaemum). Okla. Agr. Expt. Sta. Forage Crops L. 11,2 p. May 1952. 60.9 Ok4

81987 HART, M. L. 'T. The management of a permanent pastoral industry in the Netherlands. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 450-451. 1949,pub.1951. 279.9 Un32P
Grassland management.

81988 HART, M. L. 'T. What can the grassland produce? (In Dutch.) Netherlands. Dir. van de Landb. Landb. 13:85-96. 1951. 12 N384

81989 HENSON, L. Determining means whereby the seed yields of red clover can be increased. Internatl. Crop Impr. Assoc. Annu. Rpt. 32/33:61-65. 1950-51,pub 1952. 61.9 In8

81990 HODGES, E. M. Improved and native pasture supplement each other. Victory Farm Forum 45:20. Aug.1952. 281.8 F226
Management.

81991 HOLDEN, F. J. S. Problems of hill country improvement. New Zeal. Grassland Assoc. Proc. 13:107-118. 1951. 60.19 N48
Pasture management.

81992 HOW WE get summer pasture. Successful Farming 50(8):36-37,64-65. Aug.1952. 6 Su12

81993 HÜBNER, R. Saatzeitversuche mit gelbklee (Medicago lupulina). Z. f. Acker- u. Pflanzenbau 95:91-117. Ref. June 1952. 18 J825

81994 HUGUES, P., and FERRET, M. Comportement et rendement de diverses espèces et variétés de vesces. France. Min. de l'Agr. B. Tech. d'Inform. 70:361-369. June 1952. 14 F844B

81995 HULL, H. J. (HIJO). Resurgimiento de las praderas artificiales en Norteamerica. Campesino [Santiago] 84(5):25-26. May 1952. 9.3 So12

81996 INIGUEZ G., J. Variedades forrajeras de zanahoria. Tierra [México] 7:367,407. June 1952. 8 T445

81997 JACQUES-FELIX, H. Résultats d'introductions de Kochia indica Wight. Agron. Trop. [Nogent-sur-Marne] 7:303-304. May/June 1952. 26 Ag86
Egypt.

81998 JOHNSON, A. A. Grassland farming is more than grass. Wis. Conserv. B. 17(6):8-10. June 1952. 279.8 W752

81999 JONKER, J. J. Tests and results obtained in the 1950 grazing season. (In Dutch.) Netherlands. Dir. van de Wieringermeer. Verslag 13:24-38. 1950,pub.1951. 290.9 N382
Includes discussion.

82000 JOYCE, F. Seeding time for winter grazing. Prog. Farmer, Ky.-Tenn.-W.Va. Ed. 67(8):18,92. Aug. 1952. 6 P945K

82001 KAPLUNOVSKII, S. P. Summer plantings of perennial legume-grass mixtures in the South of Ukraine. (In Russian.) Kormovaîa Baza 3(6):18-22. June 1952. 60.8 K84

82002 KAUSHIK, R. D. Jowar as a major fodder crop in Delhi State. Allahabad Farmer 26:73-76. May 1952. 22 AL5

82003 KELLER, W. New styles of grasses. Internatl. Crop Impr. Assoc. Annu. Rpt. 32/33:55-60. 1950-51,pub.1952. 619 In8

82004 KELLER, W. Testing new plant materials for re-vegetation of grazing lands. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:541-544. Ref. 1949,pub.1951. 279.9 Un32P

82005 KENNEDY, W. K. Growing grass is a year-round job, and here are the essentials for getting the most return from pasture lands in the Northeast. Rur. New-Yorker 102:514,525-526. Aug.16,1962. 6 R88

82006 KONEKAMP, A. H. Wege zur leistungssteigerung des grünlandes. Prakt. Landwirt 6:74-75. May/June 1952. 19 P88

82007 KRAUSE, W. Die wichtigsten kräuter auf unseren wiesen. Bauern-Ztg. 5(27):7. (Cont.) July 4, 1952. 18 B324
Germany.

82008 KRAUSE, W. Die wichtigsten kräuter auf unseren wiesen. Bauern-Ztg. 5(30):8. (Cont.) July 25, 1952. 18 B324
Germany.

82009 KVARATSKHELIÂ, N. T., and DZHUGELI, D. M. Perennial grasses and legumes in the districts of humid subtropics. (In Russian.) Kormovaîa Baza 3(6):36-38. June 1952. 60.8 K84

82010 LAW, A. G., and PATTERSON, J. K. Growing grass seed, fast expanding crop. Washcoegg 29(10):64-69. Mar.1952. 47.8 W27

82011 LECHNER, L. Erfahrungen mit importsaaten zu futterleguminosen 1951. Deut. Landwirt.-Gesell. Mitt. 67:502-503. July 12,1952. 18 N39

82012 LEROY, A. M. La composition de l'herbe de prairie; ses variations—la valeur alimentaire de l'herbe. (Sum.) Agriculture [Paris] 16:127-128. May 1952. 14 Ag823
France.

82013 LEVESQUE, G. Au moins une acre de plus par année de vrai pâturage. Ferme 13(10):29. June 1952. 7 F38
Management in Canada.

82014 LEVY, E. B. Management of a permanent pastoral industry to guard against grazing land deterioration. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:553-556. 1949,pub.1951. 279.9 Un32P

82015 LEWIS, W. W. Pasture and forage crops are important in Virginia. Victory Farm Forum 45:23. Aug.1952. 281.8 F226

82016 LITVINENKO, F. P. Summer plantings of perennial grasses and legumes in the forest-steppe area. (In Russian.) Kormovaîa Baza 3(6):22-25. June 1952. 60.8 K84

82017 LOPES, O. Artificial pastures. (In Portuguese.) Agronomia [Rio de Janeiro] 10:287-292. Oct./Dec.1951. 9.2 Ag892
Management.

82018 LOPES, O. Desmodium discolor. (In Portuguese.) Seleç. Agr. 7(72):51-53. Apr.1952. 9.2 Se4
Forage plant.

82019 LOPES, O. Feed roots and tubers. (In Portuguese.) Seleç. Agr. 7(73):31-34. May 1952. 9.2 Se4
Brazil.

82020 LOVE, R. M., and SUMNER, D. C. California range plants. Calif. Cattleman,Aug.1952:10-12. 43.8 C12

82021 LUKASHEV, A. A. Postharvest plantings [of forage plants] in Kazakhstan. (In Russian.) Kormovaîa Baza 3(6):33-36. June 1952. 60.8 K84

82022 MCCORKLE, J. S. Range and livestock in tropical savannahs of British Guiana. J. Range Mangt. 5:259-265. July 1952. 60.18 J82

82023 MACKAY, J. W. Some facts concerning forage crop seed production in Canada. Internatl. Crop Impr. Assoc. Annu. Rpt. 32/33:173-176. 1950-51,pub.1952. 61.9 In8

82024 MAGNUSSON, K. Forage experiments at Fogelvik Farms. Canad. Cattlemen 15(7):28-29,39. July 1, 1952. 49 C16

82025 MALIK, H. C. Improved varieties of fodder crops for the Punjab. Indian Farming (n.s.)2(3):10-11. June 1952. 22 In283

82026 MARGAROPOULOS, P. Mountain range management and improvement in Greece. J. Range Mangt. 5:200-206. July 1952. 60.18 J82

82027 MEYERS, W. M. Grassland farming defined by U. S. authority. West. Farm Leader 17:231. Aug.15, 1952. 280.28 W52

82028 MIEDEMA, R. P. H. Culture of forage plants on sandy soil. (In Dutch.) Netherlands. Dir. van de Landb. Landb. 13:156-162. 1951. 12 N384

82029 MIÈGE, E. Le problème fourrager au Maroc: les paturages naturels. Inform. Marocaine 598:1,4. (Cont.) June 28,1952. 281.8 In3

82030 MILES, W. H. Range management in Israel, yesterday, today, and tomorrow. J. Range Mangt. 5: 207-211. July 1952. 60.18 J82

82031 MILLER, C. Multiple use of range lands in Arizona. Ariz. Cattelog 7(10):17-22. June 1952. 43.8 Ar42
Water production, livestock production, and recreational uses.

82032 MOMMA, N. Grassland increasing movement. (In Japanese.) Nōrin Jihō 11(4):18-21. Apr.1952. 22.5 N772

82033 MURPHY, R. P., and KOHLI, S. P. Results in New York State from the testing of several different increases of Ranger alfalfa. Internatl. Crop Impr. Assoc. Annu. Rpt. 32/33:65-79. 1950-51,pub.1952. 61.9 In8

82034 MYERS, W. M. Developing our grassland resources. South. Planter 113(8):6,40-41. Aug.1952. 6 So89

82035 MYERS, W. M. Our greater grassland potential. Lackawanna-Wayne Farm & Home News 4(7):11-12. (Concl.) June 1952. 6 L11

82036 MYERS, W. M. Your greatest opportunity is grass. Country Gent. 122(8):20-21,42-43. Aug.1952. 6 C833
Varieties and grassland development.

82037 NELSON, L. V. Specialist stresses many values of sound pasture land program. Dairyland Coop. Rev., Aug.1952:20. 44.8 D1453
Pasture management.

82038 NILSSON-LEISSNER, G. Testing new plant materials for re-vegetation of grazing lands. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 530-534. Ref. 1949,pub.1951. 279.9 Un32P

82039 OAKES, J. Y. Grassland farming the key to our agricultural future. Victory Farm Forum 45:14-15. Aug.1952. 281.8 F226

82040 OERTZEN, H. U. V. Steigerung der grünlanderträge und betriebswirtschaft. Grünland 1:55. In Tierzüchter 4(13). July 5,1952. 49 T445

82041 OGNEV, I. M. Method of obtaining high yields of clover seeds. (In Russian.) Kormovaîa Baza 3(6):61. June 1952. 60.8 K84

82042 ORSI, S. Forage crops in the United States of America. (In Italian.) B. dell'Agr. 86(29):1-2. July 18, 1952. 16 B87
Culture.

82043 OSIPOV, V. S. Care of [forage] root-crop plantings. (In Russian.) Kormovaîa Baza 3(6):42-44. June 1952. 60.8 K84

82044 PAJALIC, J. Organization and development of rotation grazing pastures. (In Serbo-Croatian.) Stočarstvo 6:59-70. Feb.1952. 43.8 St6

82045 PARMENTIER, G. Precautions culturales pour réussir une luzernière. Sillon Belge 22(518):1-3. July 19,1952. 13 Si3

82046 PARODI, R. A. Forrajeras de invierno en Manfredi. (Sum.) Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(30):9-11. Dec.1951. 9 Ar35

82047 PASTORNACKI, C. Horse-bean. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(3/4):9-10. Feb.25,1952. 21.5 V87

82048 PAULUSBERGER, R. Pflanzt mehr topinambur. Österr. Kleintierzüchter 13/14:112. (Cont.) July 1952. 49 Os7

82049 PAVLOV, I. P. Productivity and nutritive value of the green feed of vetch and oat mixtures at various phases of development. (In Russian.) Sovet. Zootekh. 7(3):69-73. Mar.1952. 49 So822

82050 PERONNET, A. La feverole. Potasse 26: 119-124. July/Aug.1952. 57.8 P84

82051 PETRUSHENKO, V. D., and KHALIZOVSKAIA, N. I. Summer planting of alfalfa and sainfoin on fallow under shelter of millet. (In Russian.) Sovet. Agron. 10 (7):24-27. July 1952. 20 So84

82052 POLOSUKHIN, G. I. Results of summer planting of perennial grasses and legumes on the stud farm of Voronezh Combine. (In Russian.) Konevodstvo 22(3):24-33. Mar.1952. 42.8 K832

82053 PROULX, J. R. Gestion des pâturages. Ferme 13(10):18-20,22. June 1952. 7 F38
Management in Canada.

82054 RENNER, F. G. Recent advances in methods for restoring deteriorated grazing land. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:544-548. Ref. 1949,pub.1951. 279.9 Un32P

82055 ROMANOVSKII, M. A. Practices for obtaining high yields of forage beets. (In Russian.) Sovet. Agron. 10(7):42-45. July 1952. 20 So84

82056 RONNINGEN, T. S., HESS, A. G., and STABLER, S. P. Alfalfa varieties for Maryland. Md. Agr. Col. Ext. Fact Sheet 52,2 p. n.d. 275.29 M36Fa
Replacing Agronomy Mimeograph 36.

82057 ROSIĆ, K. The possibility of improving fields and pastures in Kismet on cooperative basis. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(2):37-44. Feb. 1952. 21.5 So1

82058 RUGE, U. Uber die beeinflussung der entwicklung der futtermalve durch erhitzen des lufttrockenen saatgutes. Z. f. Acker- u. Pflanzenbau 95:73-90. June 1952. 18 J825

82059 RUMIANTSEV, G. I. Summer plantings of alfalfa and sainfoin with millet as a nurse crop. (In Russian.) Kormovaîa Baza 3(6):25-29. June 1952. 60.8 K84

82060 SAHL. Mehr futter durch gelungene stoppelsaaten. Landwirtbl. Weser-Ems 99:753-754. July 31, 1952. 18 L2345

82061 SAINT-MARTIN, L. Essais d'assolements fourragers intensifs dans les Basses-Pyrénées. France. Min. de l'Agr. B. Tech. d'Inform. 71:431-433. July 1952. 14 F844B

82062 SAMPSON, A. W. Application of ecological principles in determining condition of grazing lands. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:509-514. Ref. 1949,pub.1951. 279.9 Un32P

82063 SANDAL, P. C., and STATEN, R. D. Good gains from permanent pastures. Ark. Farm Res. 1(2):2. Summer 1952. 100 Ar42F

82064 SCHEEPERS, C. P. Grassland farming has also the weather! (In Dutch.) Overijsselsch Landbbl. 34(1662):7. July 3,1952. 12 Ov2
Management.

82065 SCHMAH, W. Vergleichszahlen vom grünland aus 100 betrieben. II. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1207-1208. Aug.7,1952. 18 L2346

82066 SCHMAUDER, G. Zur leistungssteigerung unserer futterpflanzen (diskussionsbeitrag). Deut. Landwirt. 3:324-325. June 1952. 18 D4822

82067 SCHWERDT. Welche vorteile bringt der Liho-sommerraps als stoppelfrucht? Deut. Landwirt.-Gesell. Mitt. 67:501-502. July 12,1952. 18 N39

82068 SHAPOVALOV, P. T. Postharvest plantings in the area of beet cultivation. (In Russian.) Kormovaîa Baza 3(6):29-33. June 1952. 60.8 K84
Annual forage plants for green feed.

82069 SHORT, L. R., and WOOLFOLK, E. J. Reseeding to increase the yield of Montana range lands. U. S. D. A. Farmers' B. 1924,rev.,26 p. May 1952. 1 Ag84F

82070 SHPAKOVSKII, V. A. Kaian—a new forage crop. (In Russian.) Kormovaîa Baza 3(6):60. June 1952. 60.8 K84

82071 SILORET, G. Prairies landaises. Potasse 26:125-129. July/Aug.1952. 57.8 P84

82072 SLANGER, B. Sandberg bluegrass (Poa secunda). Mont. Stockgrower 24(7):23. July 15,1952. 49 M76

82073 SLANGER, B. S. Threadleaf sedge (Carex filifolia). Mont. Stockgrower 24(6):11. June 15,1952. 49 M76

82074 SLIVKIN, S. P. Summer plantings of oats in Siberia as feed for livestock. (In Russian.) Kormovaîa Baza 3(6):7-8. June 1952. 60.8 K84

82075 SLØGEDAL, H. Cultivation of pastures at mountain ranches. (In Norwegian.) Forsk. og Forsøk i Landbr. 2:277-321. 1951. 11 F772
English summary.

82076 SMUTS, D. B. Balanced swine farming pays well. (In Afrikaans.) Landbouweekblad 34(1721):21. July 9,1952. 24 L232
Home feed production in the Union of South Africa.

82077 SPRAGUE, H. B. Importance of grazing lands in the agricultural economy. J. Range Mangt. 5:266-270. July 1952. 60.18 J82

82078 STARZ. Stoppelrübenbau modern und richtig. Bauern-Ztg. 5(27):5. July 4,1952. 18 B324
Germany.

82079 STOESZ, A. D. Harvesting, processing, and seeding of native grasses in the Central and Northern Great Plains. Agron. J. 44:378-383. July 1952. 4 Am34P

82080 TABOR, P. Fescue in rows, clover in middles. Soil Conserv. 18:39-40. Sept. 1952. 1.6 So3S

82081 TATON, A. Possibilities for creating new grazing lands in Ituri, Belgian Congo. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:594-596. 1949,pub.1951. 279.9 Un32P

82082 THOMPSON, L. S. Montana cooperative State grazing districts in action. Mont. Agr. Expt. Sta. B. 481, 29 p. Dec.1951. 100 M76
Includes range management.

82083 THOMSON, J. R. Further seed studies in sainfoin. Brit. Grassland Soc. J. 7:65-69. June 1952. 60.19 B773

82084 TISHENKO, A. N. Plantings of alfalfa in the non-black soil area. (In Russian.) Kormovaîa Baza 3(6): 39-41. June 1952. 60.8 K84

82085 U. S. SOIL CONSERVATION SERV. Publications on range conservation. Washington,1952? 10 p. 1.96 Op2Pu

82086 VLADIMIROV, I. F. Introduction of Agropyron imbricatum into cultivation. (In Russian.) Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(6):12-18. 1952. 20 Ak1

82087 VRIES, D. M. DE, BOER, T. A. DE, and DIRVEN, J. G. P. Evaluation of grassland by botanical research in the Netherlands. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:522-524. 1949,pub. 1951. 279.9 Un32P

82088 WACHTER, H. V. Von der standweide zur portionsweide. Grünland 1:50-51. In Tierzüchter 4(13). July 5,1952. 49 T445

82089 WILKS, T. N. Grassland improvement. Farmers Annu. 1952:32-33. 10 F2237
Great Britain.

82090 WILLIAMS, S. A second hay crop should be the rule. Farmers Wk. [London] 37(3):51. July 18,1952. 10 F2226

82091 WOODLE, H. A. Progress of grassland farming in South Carolina. Victory Farm Forum 45:19. Aug.1952. 281.8 F226

82092 YOUNG, V. A. Desirable grasses after post oak control. Tex. Livestock J. 11(5):6,34-36. May 1952. 49 T49

82093 ZELLER, W. Die erhaltung der alpweideflächen. Auf der Alpe 7:49-52. July 1952. 18 Au3
Germany.

Oil Crops

82094 BLACKSTONE, J. H. Peanut production practices in southeastern Alabama. Ala. Agr. Expt. Sta. C. 108,23 p. June 1952. 100 AL1S

82095 CALMA, V. C., and CASTELO, C. L. The effect of distance of planting upon the yield of Headgreen soybean. Philippine Agr. 35:25-31. June 1951. 25 P542

82096 DOMINGO, W. E. El cultivo del ricino. Asoc. Gen. de Agr. B. 322:4-5. July 15,1952. 8 As52
Guatemala.

82097 LATYPOV, A. SH. Effect of deep plowing on yields of crambe. (In Russian.) Sovet. Agron. 10(7):92-93. July 1952. 20 So84
New oil crop.

82098 MIRKOVIC, S. Timely sowing of sunflower. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8 (3/4):10-11. Feb.25,1952. 21.5 V87

82099 MONCLIN. Culture des arachides et motorisation à Madagascar. Rev. Internatl. des Prod. Colon.26: 123,125,127-128. June/July 1951. 286.8 R326

82100 MORENO MORA, J. Cultivo del lino para semilla. Cult. Mod. 35:215-216. June 1952. 15 C89

82101 SABOE, L. C. Pre-harvest treatment of soybeans (defoliation, brittilizing and pre-harvest drying). Ohio. Agr. Expt. Sta. Agron. Mimeog. 121,2 p. Sept.1951. 100 Oh32

82102 TICO, L. El ricino:interesa su cultivo en España? Inst. Agr. Catalán de San Isidro. Rev. 101:82-87. Apr.1952. 15 Sa5

Sugar Crops

82103 BUZANOV, I. F. Methods of increasing the sugar content of beets. (In Russian.) Sakh. Promysh. 26 (6):39-43. June 1952. 65.8 Sa2
Culture chiefly.

82104 DORST, J. C. A questionable novum. Euphytica 1:81-83. July 1952. 450 Eu6
Plant breeder's patent covering a method of obtaining triploid sugar-beet seed received by Rabbethge & Giesecke Saatzucht G.M.B.H., Einbeck, Germany.

82105 HSIA, Y. J., CHUAN, L. T., and WANG, C. S. An appraisal of N: Co. 310 cane; results of extensive tests on Taiwan. So. African Sugar J. 36:349,351,353, 355. June 1952. 65.8 So8

82106 KLOEN, D. Observations on beet seed production. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:183-192. May 1952. 12 N383M

82107 KUPPERS, G. A. Uberblick über züchtungsversuche an der topinambur bis zum 2 weltkrieg. Z. f. Pflanzenzücht. 31:196-217. Ref. Mar.1952. 450 Z36

82108 LUDECKE, H., and STANGE, L. Erfahrungen mit umhülltem (pilliertem) zuckerrübensaatgut. Zucker 5:160-164. Apr.1,1952. 65.8 Z82

82109 MIGNOTTE, F., and TALLON, J. G. Semis, binages et démariages, vus à travers la démonstration de Séraucourt-le-Grand. Agriculture [Paris] 16:171-173. June 1952. 14 Ag823
Sugar beets.

82110 MOK, B. C., and KWO, C. Y. A comparative study on the sugar cane flowering and seed setting at Pooli Hilltop and Pingtung Plain in Taiwan. (In Chinese.) J. Sugarcane Res. 6:39-50. Mar.1952. 65.8 J822
English summary.

82111 MONTANARI, V. Quantitative-qualitative improvement of sugar beets in Italy. (In Italian.) Indus. Sac. Ital. 45:61-75. Mar./Apr.1952. 65.8 In23

82112 MULLER, H. W. L. Zur frage der witterungsabhängigkeit des schossens bei zuckerrüben. Zucker 5:197-202. Ref. May 1,1952. 65.8 Z82

82113 NASTENKO, P. N. Hill planting of sugar beets. (In Russian.) Sakh. Promysh. 26(6):44-46. June 1952. 65.8 Sa2

82114 OCHERETIANYĬ, V. A. Potentialities for increasing the productivity of sugar beets. (In Russian.) Sakh. Promysh. 26(4):35-39. Apr.1952. 65.8 Sa2

82115 RAGHAVAN, T. S. How better canes are bred at Coimbatore. Indian Farming (n.s.)2(3):20-21. June 1952. 22 In283

82116 SCHLOSSER, L. A. Uber die leistungen der "kleinwanzlebener polybeta" im atlantischen klimaraum im jahre 1951. Zucker 5:222-224. May 15,1952. 65.8 Z82

82117 VAS'KO, N. D. Ways of increasing yields and sugar content of sugar beets on saline soils. (In Russian.) Pochvovedenie 5:451-460. Ref. May 1952. 57.8 P34
Selection of varieties chiefly.

Tobacco

82118 BOLSUNOV, I. Versuchsanbau und züchtung nikotinreicher tabake in Österreich und deren aussichten auf nikotingewinn. Austria. Gendir. der Tabakregie. Fachl. Mitt. 1952(2):3-9. (Cont.) June 1952. 286.89 Au7F

82119 HEGGESTAD, H. E., and NICHOLS, B. C. Good care--good yield with Burley one tobacco. Tenn. Agr. Expt. Sta. Prog. Rpt. 1:5,8. Jan./Mar.1952. 100 T25F

82120 HUNT, R. The secret of good stands. Prog. Farmer, Ky.-Tenn.-W.Va. Ed. 67(6):18,122. June 1952. 6 P945K
Tobacco culture and fertilization.

82121 LEER, R. VAN. Culture and spread of culture of wrappers for cigars in Lomami (Belgian Congo). (In Dutch.) Tabaksplant 79:91. July 8,1952. 286.89 T114

82122 MARYLAND. AGRICULTURAL EXPERIMENT STATION. AGRONOMY DEPT. Your Tobacco Experimental Farm. Md. Agr. Expt. Sta. B. 443,10 p. n.d. 100 M36Bx

82123 SOME recent references on tobacco. Indian Tobacco 2:48-52. Jan./Feb.1952. 69.8 In2

82124 TANDON, P. L., and RAO, P. S. Cigarette tobacco growing in India. Indian Tobacco 2:13-20. Jan./Mar.1952. 69.8 In2

HORTICULTURAL CROPS

Includes articles on general horticulture, and on varieties, breeding, cultural practices, and yield.

General

82125 ÅBERG, K. A. How allotment gardens came to Uppsala. (In Swedish.) Kolonihagen 22:77-79. (Cont.) June 1952. 80 K83

82126 ARMSTRONG, N. D. Help feed yourself! Norwich shows what can be done. Rur. Econ. 20(6):5. July/Aug.1952. 281.28 R8842
Home gardening.

82127 BASTELEUS, R., and MEWISSEN, F. Les cloches continues procurent des récoltes hors saison. B. Hort. (n.s.)7:173-176. June 1,1952. 80 B873

82128 DUBSLAFF, H. Was bietet die landwirtschafts- und gartenbauausstellung Markkleeberg auf dem gebiete des acker- und pflanzenbaues? Deut. Landwirt. 3:283-286. June 1952. 18 D4822

82129 EAST MALLING RESEARCH STATION. Administrative report (thirty-ninth year), 1st October, 1950, to 30th September, 1951. East Malling Res. Sta. Ann. Rpt. A35,33 p. Apr.1952. 103 Ea7
Horticultural research.

82130 GARDENER, E. H. Horticulture's problems. Farmer & Stock-Breeder Ybk. 76:98-100. 1952. 49 F22

82131 HARTMAN, R. D. Saratoga Horticultural Foundation. Golden Gard. 16(10):21-23. Aug.1952. 80 G56
In Santa Clara Valley, Calif.

82132 JOHN INNES HORTICULTURAL INSTITUTION. Forty-second annual report 1951. Cambridge,1952. 50 p. 463.6 J61

82133 LAPEDAGNE, H. Nos aveugles des deux sexes peuvent devenir de parfaits arboriculteurs-horticulteurs. Terre d'Oc 34:198-200. May 1952. 14 Ar5

82134 LINDNER, E. Pflanzenbau und pflanzenzüchtung im rahmen der landwirtschafts- und gartenbauausstellung in Markkleeberg. Deut. Landwirt. 3:286-292. June 1952. 18 D4822

82135 MATOV, K. Achievements, shortcomings, and tasks of our nurseries. (In Serbo-Croatian.) Socijalističko Zemjodelstvo 3(10/11):28-42. Oct./Nov.1951. 280.28 So7
Yugoslavia.

82136 MATTHEWS, J. S. Garden with Matthews, v. 3 Wellington, Reed,1951. 152 p. 90.1 M43
New Zealand.

82137 OKLAHOMA. AGRICULTURAL EXPERIMENT STATION. 4th annual field day, Kiamichi Field Station at Idabel, Oklahoma. Okla. Agr. Expt. Sta. Mimeog. C. M237,9 p. July 31,1952. 100 Ok4M
Variety test and demonstration of production methods of horticultural crops.

82138 PIEL-DESRUISSEAUX, J. L'organisation scientifique du travail en horticulture et en arboriculture. Jard. de France (ser.7)6:92-95. Apr.1952. 86 So13

82139 ROTHANSL, H. Der ländliche hausgarten. Obst u. Gart. 7:70-71. (Cont.) May 1952. 80 Ob75

82140 TAWELL, G. H. Higher yields—and how. (Sum.) Grower [London] 38:201-203. Aug.2,1952. 286.83 M34
Horticulture.

82141 TSCHIRHART, W. E. Substitutes for sand in propagating cuttings. South. Florist & Nurseryman 65(18):85-87. July 25,1952. 80 So86
Vermiculite and other plastic products.

82142 WIRTH, A. G. Der sozialgartenbau im Ruhrgebiet. Pflanze u. Gart. 2(5):13-22. May 1952. 80 P48

82143 WOODARD, O., and HARMON, S. A. Home garden for the Coastal Plain of Georgia. Ga. Coastal Plain Expt. Sta. Mimeog. Paper 12,rev.,2 p. June 1952. 100 G292M

Fruits--General

82144 CARLONE, R. Prospects of fruit culture in the Aosta Valley. (In Italian.) Cron. Econ. 113:17-20. May 1952. 280.8 C882

82145 CHEVALIER, A. La situation des cultures fruitières au Maroc en 1952. Acad. des Sci. Compt. Rend. 235:109-111. July 16,1952. 505 P21
Includes varieties.

82146 CHRIST, E. G., and FARLEY, A. J. Planting and care of fruit trees in the home garden. N. J. Agr. Col. Ext. L. 84,8 p. June 1952. 275.29 N46L

82147 DUBROVA, P., GORIN, T., and TSEKHMISTRENKO, P. Prospects for development of orchard cultivation in the districts of the great projects of communism. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(5):18-26. May 1952. 281.8 So73

82148 FRANCOTTE, C. Amateurs, formez vos arbres, mais formez-les bien. Cour. Hort. 14:277-280. May 1952. 80 C834

82149 FRIEDRICH, G. Die verwendung von obstgehölzen im rahmen der landschaftsgestaltung, vom standpunkt des obstbauers aus gesehen. Deut. Landwirt. 3: 325-330. June 1952. 18 D4822

82150 GREMMINGER, W. Die sommerbehandlung an kernobstbäumen. Schweiz. Gärtztg. 55(20):2-3. May 22,1952. 80 G1939

82151 HIRST, F. Fruit canning in relation to the grower. Worcestershire Agr. Chron. 20:219,221,223,225, 227. June/Aug.1952. 10 W892
Varieties suitable for canning.

82152 HODGSON. Impressions sur les régions arboricoles de Tunisie. Tunisie Agr. 53:80-83. June/July 1952. 24 T832
Fruit culture.

82153 KARNATZ, H. Ergebnisse von stratifikationsversuchen bei kernobstsamen. Deut. Baumsch. 4:119-125. May 1,1952. 80 D486

82154 NICOLAS, S. Greffage et surgreffage. B. Agr. 2(1):5-10. Jan.1952. 8 B87
Fruit.

82155 REYNTENS, H. The intensive culture of high crowned grassed orchards. (In Flemish.) Tuinbouwberichten 16:88-89. (Concl.) June 15,1952. 80 T817

82156 RIVALS, P. Etude: notes sur les diverses espèces à fruits comestibles existant à l'Ile de la Réunion. 2. Rev. Agr. de l'Ile de la Réunion (n.s.)51:207-213. Sept./Oct.1951. 25 R32

82157 ROTHANSL, H. Oberösterreichs obstbau am scheideweg. Bauer 5(2):12-14. Jan.12,1952. 19 B32

82158 RUDORF, W., and ZWINTZSCHER, M. Betrachtungen zur einführung neuer obstsorten in den anbau. Obstbau 71:67-68. May 1,1952. 80 Ob73
Germany.

82159 SANTIAGO, W. Inadvisable practices. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1:57-58. Jan.1952. 9.2 M663
In fruit and coffee culture.

82160 SOBRERO, L. R. Un monte frutal en cada chacra. Pampa Argentina 25(294):5. June 1952. 9 P19
Culture.

82161 SOUTY, J. La Station de Recherches Viticoles et d'Arboriculture Fruitière du Sud-Ouest. Jard. de France (ser.7)6:96-106. Apr.1952. 86 So13

82162 STANKOVIC, D. One new method of vegetative multiplication of fruit-trees. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(3/4):21-22. Feb.25,1952. 21.5 V87

82163 STANKOVIĆ, D. Rejuvenation of fruit-trees—one of extremely important measures for the improvement of fruit growing. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(3/4):22-24. Feb.25,1952. 21.5 V87

82164 STEPHAN, F. Wer will baumwärter werden? Bauer 5(3):10-11. Jan.19,1952. 19 B32
Training of fruit culture experts in Austria.

82165 TESKEY, B. J. E. Big fruit from little trees. Farmer's Mag. 49(8):12,21. Aug.1952. 7 C165

82166 TORRES HERRERA, J. M. Fruticultura. Rev. Nac. de Agr. 46(564):17-18. (Cont.) Apr.1952. 9.4 R32
Colombia.

82167 TUNEU, R. Variedades de frutales para el Uruguay. Uruguay Dir. de Agron. P. 103,16 p. 1952. 9.9 Ur84

82168 VAN DER MEULEN, A. The Modified Forkert Method of budding. Farming So. Africa 27:289-290. May 1952. 24 So842
Fruit.

82169 VEKSLER, A. I. Michurinites of Nikitskii Botanical Garden. (In Russian.) Priroda 41(4):86-88. Apr.1952. 410 P933
New fruit varieties developed by them.

82170 WHITE, D. G. Plant fruits this fall. Flower Grower 39(9):38-39,65-69. Sept.1952. 80 M72

82171 ZADUJANSKI, P. Replanting of older fruittrees. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(3/4):24-25. Feb.25,1952. 21.5 V87

Fruits--Citrus and Subtropical

82172 ANDERSON, R. L. Biblical fruit; date culture, old as the Garden of Eden, takes on new life in California with American techniques and organiculture. Org. Gard. 20(8):34-35,55. Aug.1952. 56.8 Or3

82173 BATCHELOR, L. D., and BITTERS, W. P. Two promising rootstocks for citrus in California. Calif. Citrog. 37:390-391,409-410. Aug.1952. 80 C125

82174 BLONDEL, L. Technique du regreffage des agrumes. Fruits et Primeurs de l'Afrique du Nord 22:244-250. Ref. June 1952. 80 F9482

82175 BONDAR, G. Planting and culture of the coconut. (In Portuguese.) Seleç. Agr. 7(72):65-69. Apr. 1952. 9.2 Se4

82176 BOUHELIER, and others. Compte-rendu d'un essai comparatif des résultats obtenus par incisions annulaires du clémentinier pratiquées à différentes périodes de la floraison (première année). II. Terre Marocaine 26:228-233. June 1952. 24 T44
B. de Cazenove, Cuenot, Praloran, and Ricada, joint authors.

82177 BOUHELIER, and others. Résumé des résultats des essais indicatifs de mise à fruits de clémentinier dans différentes régions de Maroc. Terre Marocaine 26:261-266. (Concl.) July 1952. 24 T44
Briand, Cuénot, Fontanaud, Hirigoyen, Praloran, and Ricada, joint authors.

82178 BUZI, C. C. Special olive culture. (In Italian.) Humus 8(5):10-12. May 1952. 16 H88
Italy.

82179 CASTORNIA, S. The biology of grafting olives. (In Italian.) Olivicoltura 7(4):8-12. Apr.1952. 80 OL42

82180 CHANG, C. C. The influence of callus induced by means of girdling to the root development of cuttings. (In Chinese.) Agr. Res. 2(4):107-109. Dec.1951. 22.5 Ag823
English summary.
Tropical fruit.

82181 CHOUDHRI, B. L. Plantains in plenty. Indian Farming (n.s.)2(3):12-13. June 1952. 22 In283
Culture.

82182 COURANJOU, A. Tailler ou ne pas tailler les agrumes. Fruits et Primeurs de l'Afrique du Nord 22:258-260. June 1952. 80 F9482

82183 ELANT, H., and PERROT, J. La production des oliviers par boutures. Rev. Agr. de l'Afrique du Nord 50:151-154. Mar.7,1952. 80 R326

82184 GOREN, I. The persimmon plot at Mishmar Hasharon. Hassadeh 32:330-331. Apr. 1952. 26 H27
In Hebrew.

82185 HERRERO EGANA, M. Los agrios. Asoc. Nac. de Ingen. Agrón. B. 26:35-36. May 15,1952. 58.9 As5
Spain.

82186 JACOBONI, N. Table olives. (In Italian.) Italia Agr. 89:379-386. June 1952. 16 It1
Culture in Spain.

82187 LAGOS U., J. A. Frutas tropicales; el papayo. Agr. Costarricense 10:134-135. June 1952. 8 Ag895
Culture.

82188 LÉON, G. Culture de l'olivier et production de l'huile d'olive. Rev. Internatl. des Prod. Colon. 27: 112-113. May 1952. 286.8 R326

82189 LOMBARD, T. A. Europe's citrus culture. Citrus Leaves 32(8):10-11,23-24. Aug.1952. 80 C492

82190 LYON, A. V. Citrus problems; status of investigations of factors influencing tree health and yields. Citrus News 28:67. May 1952. 80 C494
Australia.

82191 MARINUCCI, M. Hardiness. (In Italian.) Humus 8(5):3-5. May 1952. 16 H88
Olive culture in Italy.

82192 MARINUCCI, M. Recent studies on Minerva's tree. (In Italian.) Italia Agr. 89:411-417. June 1952. 16 It1
Olive culture.

82193 MARSICO, D. F. Zonas de la Provincia de Cordoba aptas para el olivo; variedades aconsejadas—poda. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(30):8-9. Dec.1951. 9 Ar35

82194 MUZIK, T. J. Citrus in West Africa, with special reference to Liberia. Econ. Bot. 6:246-251. Ref. July/Sept.1952. 450 Ec7

82195 NATH, J. Cultivation of papaya. Indian Farming (n.s.)2(3):26-27. June 1952. 22 In283

82196 PECK, H. Etablissement d'une pépinière de cocotiers. B. Agr. 2(1):15-16. Jan.1952. 8 B87

82197 ROBINSON, T. R. Grapefruit and pummelo. Econ. Bot. 6:228-245. Ref. July/Sept.1952. 450 Ec7

82198 SCARAMUZZI, F. Researches on the failure of the sleeping bud-union in the persimmon. (In Italian.) Ann. della Sper. Agr. (n.s.)6:805-829. Ref. 1952. 16 An76
English summary.

82199 SHEFTEL', I. M. Persimmon [Diospyros lotus] in Tadzhikistan. (In Russian.) Priroda 41(3):104-105. Mar.1952. 410 P933

82200 WARDLAW, C. W. The banana. New Biol. 11:66-87. Oct.1951. 442.8 J63

Fruits--Deciduous

82201 AL'BENSKII, A. V. Alma-Ata apple tree [Malus dasyphylla]—into the shelterbelts. (In Russian.) Les i Step' 3(10):31-34. Oct.1951. 99.8 L565

82202 BAJIĆ, D. Contribution à la connaissance de la fécondation chez les pommes. (In Serbo-Croatian.) Biol. Inst. God. 3:131-140. 1950,pub.1951. 442.9 Sa73
French summary.

82203 BAUDEWIJN, J. Chemical fruit thinning in America. (In Flemish.) Tuinbouwberichten 16:91-92. June 15,1952. 80 T817

82204 BIANCHI, D. La explotación del manzano. XII-XVI. Uruguay. Min. de Ganad. y Agr. B. Inform. 414:6; 415:11; 417:11; 418:8; 419:8-9. May 8-15,25-June 12,1952. 9.9 G15B

82205 BLAIR, D. S., and NELSON, S. H. Thinning apples with chemicals. Macdonald Col. J. 12(10):2-4. June 1952. 101 M144

82206 CARLONE, R. Rome Beauty, Morella and Imperatore. (In Italian.) Italia Agr. 89:397-404,407. June 1952. 16 It1
Apple varieties.

82207 CERULIS, A. What apple varieties are being planted? (In Flemish.) Cult. en Handel 18:404-406. July 1952. 80 C892

82208 DELMAS, H. S. Quelques aspects de la culture de l'abricotier en France. Fruits 7:261-270. (Cont.) June 1952. 80 F9492

82209 DELMAS, H. G. Quelques aspects de la culture de l'abricotier en France. Fruits 7:311-323. Ref. July 1952. 80 F9492

82210 EJSING, G. Boron deficiency in orchards. (In Danish.) Gart.-Tid. 68:263-265. July 21,1952. 80 G192

82211 HABRAN, R. Le poirier. VII. B. Hort. (n.s.) 7:118-119. Apr.1952. 80 B873

82212 HEIJKOOP, A. J. Care of trees that have been top grafted. (In Dutch.) Betuws Tuinbouwbl 10(10):4-5. July 19,1952. 80 B464
Fruit.

82213 HOARD, B. Apple yield phenomenal; unique cultural practices build production of three-acre grove to 5,700 packed boxes. West. Fruit Grower 6(8):18-19. Aug.1952. 95.8 G762

82214 HOARE, A. H. Chief points for picking. Farmer & Stock-Breeder 66(3273):45. July 15,1952. 10 F228
Harvesting apples.

82215 HOWLETT, F. S., and ELLENWOOD, C. W. New ruby apple is produced by crossing Gallia Beauty and and Starking. Ohio Farm & Home Res. [Ohio Sta.] 37:51, 66. July/Aug.1952. 100 oh3S

82216 HUS, P. Excursion to Switzerland. (In Dutch.) Fruitteelt 42:560-561,572-573. July 17-24,1952. 86 N28
Fruit culture in Switzerland.

82217 KUCPARIĆ, S. M. How to secure a constant supply of plum 'požegača' saplings in a nursery. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(8/9): 15-16. May 1952. 21.5 V87

82218 LAMMERT, A. Reife kirschen brauchen 1175 grad wärme. Obstau 71:89-90. June 1,1952. 80 Ob73

82219 LAUSCHMANN. Meine eindrücke vom dänischen edelobstbau. Obst u. Gart. 7:74-75. (Cont.) May 1952. 80 Ob75

82220 LAVEZZINI, A. New American varieties of peaches. (In Italian.) Avvenire Agr. 60:101-102. Apr. 1952. 16 Av9

82221 MALÝ, K. Eine neue obstart aus der Hercegovina: Prunus pseudoarmeniaca, Held. et Sart apud Boissier. (In Serbo-Croatian.) Biol. Inst. God. 4:17-22. 1951. 442.9 Sa73
German summary.

82222 MURAIAMA, S. J. Apple culture. (In Portuguese.) Soc. Rur. Bras. Rev. 32(376):68. May 1952. 9.2 B733

82223 PALLESEN, L. Peach culture. (In Danish.) Erhvervsfrugtavleren 18:283-284. July 1,1952. 80 Er3

82224 PEJKIĆ, B. Pruning of apple and pear trees for fertility. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(3/4):25-28. Feb.25,1952. 21.5 V87

82225 PELÁEZ O., J. M. Siembra y poda del manzano. Soc. Antioqueña de Agr. B. Agr. 385:3409-3414. May 1952. 9.4 So1

82226 PEREIRA, S. Apple varieties cultivated on S. Miguel Island. (In Portuguese.) Granja [Lisboa] 11: 77-82. Apr./June 1952. 15.5 G76

82227 ROBLES G., L. Polinización artificial del manzano. Tierra [México] 7:373,403. June 1952. 8 T445

82228 RUEF, J. U. Cherry production. Pa. State Col. Agr. Ext. C. 403,18 p. May 1952. 275.29 P38C

82229 SANTE. Kirschenschauen fördern den kirschenanbau. Obstbau 71:82. June 1,1952. 80 Ob73
Germany.

82230 SNYDER, J. C., BRANNON, D. H., and HARRIS, M. R. Growing peaches. Wash. State Col. Ext. B. 462,29 p. June 1952. 275.29 W27P

82231 SPERGER, R. Wie können wir unsere obstbäume ertragreicher machen? Obst u. Gart. 7:52-53. Apr.1952. 80 Ob75

82232 U. S. PATENT OFF. Plant patents. 3 Nos. 1952. 156.65 P69
Contents: 1095. Kalle, A. G. Pear tree. 2 p.,1 col.pl. May 13; 1096. Kirkman, W. T. Nectarine tree. 2 p.,1 col.pl. May 13; 1100. Swim, H. C. Nectarine plant. 2 p. 1 col.pl. May 27.

82233 VERNER, L. The problem of quality in the Italian prune. Appleland News 16(5):22-24. May 1952. 80 Ap53
Idaho.

82234 WHITTAKER, E. C. Pear growing in New South Wales. Agr. Gaz. N. S. Wales 63:241-247. (Cont.) May 1952. 23 N472
Covers pruning and fruit thinning, picking, packing, and marketing.

82235 ZWINTZSCHER, M. Zwei neue steinobstsorten "Primavera" und "Magna Glauca." Obstbau 71:83-84, 99. June 1-July 1,1952. 80 Ob73
Cherries.

Fruits--Small

82236 AMADUCCI, M. Viticulture in the Province of Modena. (In Italian.) Campagnolo, June 1952(spec.no.): 5-10. 16 C15

82237 AUDIBERT, M. La greffe mayorquine. Viticult. Nouvelle 5(52):19. Aug.1952. 390.8 V832

82238 BAUER, W. Kleine rebsortenkunde. Österr. Weinztg. 7:76. (Cont.) June 25,1952. 390.8 Os7

82239 BELIARD, J. Champ d'essais de l'Ecorcerie (Vienne). Viticult. Nouvelle 5(52):13-15. (Concl.) Aug.1952. 390.8 V832
Grape hybridization.

82240 BIRON, M. Vignobles de la règion d'Urgup (Turquie). Prog. Agr. et Vitic. 138:10-17. July 6/13, 1952. 14 P94

82241 BOULAY, H. Une nouvelle méthode d'enracinement des plants greffés-soudés de vigne. France. Min. de l'Agr. B. Tech. d'Inform. 70:371-375. June 1952. 14 F844B

82242 BRANAS, J. La sécheresse, la viticulture et le Gouvernement. Prog. Agr. et Vitic. 146:29-33. July 20/27,1952. 14 P94

82243 CAPUCCI, C. American vines, varieties of grapes, and systems of culture in the Province of Modena. (In Italian.) Campagnolo, June 1952(spec.no.): 16-23. 16 C15

82244 CAPUCCI, C. The ligneous-herbaceous graft of grapes. (In Italian.) Riv. di Frutticolt. 14:97-137. July 1952. 80 R52
English summary.

82245 CARDONNE, P. Quelques réflexions sur la situation viticole. Rev. Agr. de l'Afrique du Nord 50: 273-276. May 2,1952 80 R326

82246 CHANDLER, F. B. Preliminary report on the development of cranberry fruit. Cranberries 17(4):6-7. Aug.1952. 80 C852
Study of weight and volume.

82247 CHARNAY, P. Maturation du raisin. France. Inst. Natl. des Appellations d'Origine des Vins et Eaux de-Vie. B. 41:7-10. Apr.1952. 390.9 F843

82248 CLAIR, E. De grappe en bouche. Viticult. Nouvelle 5(52):24-26. Aug.1952. 390.8 V832
Varieties in France.

82249 CONSOLANI, E. The Province of Modena within the framework of viticultural reconstruction. (In Italian.) Campagnolo, June 1952(spec.no.):27-30. 16 C15

82250 COSMO, I. Aspects and problems of Modena viticulture on the basis of grafting. (In Italian.) Campagnolo, June 1952(spec.no.):11-12. 16 C15

82251 DABERE, G. Le point de vue du praticien: observations sur la "Sortie". Rev. Agr. de l'Afrique du Nord 50:212-213. Apr.4,1952. 80 R326
Forecasting the grape crop.

82252 DABERE, G. Vignes à grand développement et densité de plantation. Rev. Agr. de l'Afrique du Nord 50:248-250. Apr.11,1952. 80 R326

82253 DALMASSO, G. It is necessary to settle energetically the question of the "old D. P.'s in Europe." (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:231-232. June 1952. 16 C72
Direct producer grapes.

82254 EATON, E. L. A genuine Canadian plant. Mac MacDonald Col. J. 12(11):2-3. July 1952. 101 M144
Blueberries.

82255 FERNANDEZ DE LA PUENTE, V. Variedades y características del grosellero. Campesino [Santiago] 84(5):42-43. May 1952. 9.3 So12

82256 GABOTTO, L. Behavior of grapes during 1950-51. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98: 226-228. June 1952. 16 C72
Culture.

82257 GASSNER, J. K. Neue erdbeersorten. Obst u. Gemüse 4:701-703. July 24,1952. 286.83 Ob72

82258 GMUR, V. Rebbergmeliorationen im schaffhausischen Klettgau. I. Schweiz. Z. f. Obst- u. Weinbau 61:283-286. July 26,1952. 80 Sch9

82259 GMUR, V. Rebbergmeliorationen im schaffhausischen Klettgau. II. Schweiz. Z. f. Obst- u. Weinbau 61:313-317. (Cont.) Aug.9,1952. 80 Sch9

82260 GROENEVELD, C. Planting strawberries. (In Dutch.) Betuws Tuinbouwbl 10(10):3. July 19,1952. 80 B464

82261 GROVEN, I. American blueberries. (In Norwegian.) Gartneryrket 42:491-492. July 12,1952. 80 G1938

82262 JELMONI, E. Mulberry culture—and a question. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:244. June 1952. 16 C72

82263 KIBALOV, P. I. In the area of the Northern-Crimean Canal. (In Russian.) Vinodel. i Vinograd. SSSR. 12:12-13. Jan.1952. 95.8 V77
Prospects for grape culture on irrigated lands.

82264 KIMURA, M. Studies on the root systems of grapes growing in the greenhouse. (In Japanese.) Saikyo U. Facul. Agr. Sci. Rpt. 1:7-19. Ref. Apr.1951. 22.5 K99
English summary.

82265 KLEIN, K. Ananaserdbeerkultur als nebenerwerb im bäuerlichen betrieb. Kärntner Bauer 102: 378-379. June 21,1952. 19 K14

82266 MARIMAN, G. Viticulture septentrionale en plain air. Cour. Hort. 14:207-211. (Cont.) Apr.1952. 80 C834

82267 MARIMAN, G. Viticulture septentrionale en plein air. Cour. Hort. 14:272-277. (Cont.) May 1952. 80 C834

82268 MAURER, K. J. Klonauslese an erdbeeren während der blütezeit. Obst u. Gart. 7:67-68. May 1952. 80 Ob75

82269 OOSTEN, A. VAN. Small fruit culture in America. III-IV. (In Dutch.) Groenten en-Fruit 7:989-990, 8:8-9. June 19-July 3,1952. 80 G89

82270 PEYRONNET, R. La viticulture et l'impôt sur les bénéfices agricoles. Rev. Agr. de l'Afrique du Nord 50:197-199. Mar.28,1952. 80 R326

82271 POPOVSKI, V. Expert pruning of vines applicable to several vine cuttings. (In Serbo-Croatian.) Socijalističko Zemjodelstvo 4:39-47. Jan./Feb.1952. 280.28 So7

82272 RIVEROS, J. E. Se abre el camino de la reconstitución del viñedo sobre pié americano. Vinos, Viñas y Frutas 46:467-469. May 1952. 9 Ag89
Argentina.

82273 RODRIGUES, A. Etablissement d'un registre ampélographique international. Off. Internatl. du Vin. B. 25(257):15-24. July 1952. 390.8 B87
Characterization of the cultural forms of grapes.

82274 RONDEAU, M. Hybrides à raisins blancs 1951. Viticult. Nouvelle 5(51):9-11. (Cont.) July 1952. 390.8 V832

82275 SCHELLENBERG, A. Die bedeutung des ernteausgleiches für die gesunderhaltung der weinberge. Schweiz. Z. f. Obst- u. Weinbau 61:273-275. July 12, 1952. 80 Sch9

82276 SILVA, D. A. T. DA. A grape episode. (In Portuguese.) Agros [Lisboa] 35:105-110. May/June 1952. 15.5 Ag82
Pruning.

82277 STATUTI, M. Comparison between clump and row system. (In Italian.) Campagnolo, June 1952(spec. no.):49-54. 16 C15
Grape planting.

82278 STATUTI, M. Mountain viticulture. (In Italian.) Campagnolo, June 1952(spec.no.):55. 16 C15

82279 STATUTI, M. Practical notes. (In Italian.) Campagnolo, June 1952(spec.no.):57-63. 16 C15
Grape culture.

82280 TELEKI, A. Für und wider die hochkulturen. Österr. Weinztg. 7:69-70. June 10,1952. 390.8 Os7
Grapes.

82281 THIELE. Wie steht es um unsere erdbeersorten? Bauern-Ztg. 5(29):9,11. July 18,1952. 18 B324
Germany.

82282 VALLES NADAL, L. La lucha contra las heladas. Cult. Mod. 35:165-166. May 1952. 15 C89
In vineyards.

82283 VIDAL, J. P. Racines greffés paraffinés et compatibilité au greffage du V. 15. Rev. Agr. de l'Afrique du Nord 50:261-263. Apr.25,1952. 80 R326
Grapes.

82284 VIDAL, J. P. A travers le vignoble marocain. Rev. Agr. de l'Afrique du Nord 50:347-349. May 30,1952. 80 R326

Nuts

82285 BREVIGLIERI, N. Researches on chestnut-trees flowers and fruits biology. (In Italian.) Italy. Cent. di Studio sul Castagno. P. 1:15-48. 1951. 94.62 It1
English summary.

82286 GEBAUER, F. Volkswirtschaft und pflanzenzüchtung. II. Höhere Bundeslehr- u. Versanst. f. Wein-, u. Obstbau. Mitt. 2:107-109. May 1952. 105.9 K696
English summary.
Almonds.

82287 MAURER, K. J. Ein beitrag zur gewinnung bewurzelter abrisse bei einigen Juglans-arten. Obstbau 71:69-70. May 1,1952. 80 Ob73

82288 MORETTINI, A., and SACCARDI, A. The different chestnut-trees species cultivated on the Monte Amiata. (In Italian.) Italy. Cent. di Studio sul Castagno. P. 1:51-68. 1951. 94.62 It1
English summary.

82289 NIZI, G. The varieties of hazelnuts. (In Italian.) Italia Agr. 89:387-396. June 1952. 16 It1

82290 PAVARI, A. The Center for the Studies on Chestnut-tree. (In Italian.) Italy. Cent. di Studio sul Castagno. P. 1:3-11. 1951. 94.62 It1
English summary.

82291 PRIMA, S. DI. Bio-statistical contribution to the knowledge of the almond varieties of Apulia. (In Italian.) Ann. della Sper. Agr. (n.s.)6:721-739. Ref. 1952. 16 An76
English summary.

82292 SCHAD, C., and SOLIGNAT, G. Biologie florale et méthodes d'amélioration du chataignier. Acad. d'Agr. de France. Compt. Rend. 39:350-352. May 14/21,1952. 14 P215Bc

82293 TYMKO, M. M. More extensive introduction of nut tree [Juglans regia] planting into the shelterbelts. (In Russian.) Les i Step' 3(10):79-83. Oct.1951. 99.8 L565

82294 TYMKO, M. M. Walnut [Juglans regia] in the shelterbelts and in the nut groves. (In Russian.) Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(6):19-22. 1952. 20 Ak1

Shade Trees and Ornamental Plants

82295 ALBERT, M. J. Fortschrittliches Markkleeberg. Deut. Landwirt. 3:322-324. June 1952. 18 D4822
Flower show.

82296 AMMAL, E. K. J. The story of Primula malacoides. Roy. Hort. Soc. J. 77:287-290. Aug.1952. 84 L84J

82297 ARNOLD, R. E. Masdevallia deorsa and M. schröderiana. Orchid Rev. 60:112-114. July 1952. 80 Or15

82298 BARNES, A. T. The king of autumn flowers. Gard. Illus. 69:230-231. Sept.1952. 80 G169
Chrysanthemum.

82299 BASTELEUS, R. A propos de la végétation epiphyte. Cour. Hort. 14:194-198. Apr.1952. 80 C834

82300 BEHRENDS, D. S. Old Begonias and some newcomers. Gard. Illus. 69:202-204. Aug.1952. 80 G169

82301 BELL, J. R. Grow Chrysanthemums the successful way. Nurseryman & Seedsman 114:1422-1423. May 15,1952. 80 N933

82302 BENSON, C. Varietal comments. Amer. Iris Soc. B. 126:28-34. July 1952. 81 Am39

82303 BERRY, G. H. Lewisia tweedyi. Alpine Gard. Soc. Q. B. 20:163-168. June 1952. 84 AL6

82304 BERRY, G. H. Seeds of alpine plants. Gard. Illus. 69:228-229. Sept.1952. 80 G169

82305 BLACKBURN, B. Plant for permanence: poison sumac. Flower Grower 39(9):10-11. Sept.1952. 80 M72

82306 BLACKBURN, B. The plant in the picture, lilac chaste-tree. Pop. Gard. [Albany] 3(8):32-33,41,47. Aug.1952. 80 P812
Vitex agnus-castus.

82307 BOWLING, J. L. Mexican Laelias and their culture. Natl. Capital Orchid Soc. B. 6:17-20. (Cont.) June 1952. 81 N2122

82308 BRADLEY, F. Generic merits of orchids for show purposes. Orchid Rev. 60:109-110. July 1952. 80 Or15

82309 BREITUNG, A. J. Native roses of Canada. Nat. Canad. (ser.3)23:184-188. May 1952. 410 N216

82310 BROOKS, W. More about Mexican Begonias. I. Begonian 19:176-177. Aug.1952. 96.511 B39

82311 CALDART, F. Alpine flowers. (In Italian.) Monti e Boschi 3:262-271. June 1952. 16 M76
English summary.

82312 CALZECCHI-ONESTI, A. Downy ground-cherry. (In Italian.) Italia Agr. 89:418-419. June 1952. 16 It1
Physalis pubescens.

82313 CARTER, J. C. Modern practices in tree care. Trees [Cleveland] 12(5):16-17,30. July/Aug.1952. 99.8 W52

82314 CARTER, J. E. Seedling judging. Gladiolus 27:161-164. 1952. 96.43 N44

82315 CAVE, F. C. Gladiolus judging. Gladiolus 27:164-165. 1952. 96.43 N44

82316 CHESSMORE, R. A. Lawns for town and country. Okla. Agr. Expt. Sta. Forage Crops L. 10,4 p. May 1952. 60.9 Ok4

82317 CHEVALIER, H. Comment réaliser le jardin de M. W., à Châtelineau. B. Hort. (n.s.)7:116-117. Apr.1952. 80 B873
Landscape gardening.

82318 CHURCH, T. What good is a landscape architect? House Beautiful 94(9):130-131,206. Sept. 1952. 296.8 H81

82319 CLOUD, D. M. P. Plan for best color effect. Flower Grower 39(9):32-33,61. Sept.1952. 80 M72

82320 COCKER, H. Collecting and saving seed. Gard. Illus. 69:205-206. Aug.1952. 80 G169

82321 COCKER, H. Villa Taranto, a garden in Italy. Gard. Illus. 69:232-235. Sept.1952. 80 G169

82322 COLLINS, B. Pretty glad who made thee? Pop. Gard. [Albany] 3(8):54,57. Aug.1952. 80 P812

82323 COOK, J. H. Culture—look back and ahead. Gladiolus 27:23-27. 1952. 96.43 N44

82324 COOKE, G. M. A new method of scoring roses. Amer. Rose Mag. 10(7):9-11. July 1952. 80 Am327A

82325 COUTINHO, M. Styles in gardening. (In Portuguese.) Seleç. Agr. 7(72):21-22. (Cont.) Apr.1952. 9.2 Se4

82326 COUTINHO, M. Styles in gardening. (In Portuguese.) Seleç. Agr. 7(73):43-45. (Cont.) May 1952. 9.2 Se4

82327 CROSBY, H. W. Cymbidium giganteum and Cymbidium schroederi. Amer. Orchid Soc. B. 21:584-586. Aug.1952. 80 Am329

82328 CROSBY, H. W. Two attractive dwarf Cymbidiums. Amer. Orchid Soc. B. 21:459-461. June 1952. 80 Am329

82329 CROSS, I. B. Hybridizing Chrysanthemums. Natl. Chrysanthemum Soc. B:8:54-55. June 1952. 96.519 Ea7

82330 CULLMANN, W. Die Haageocereen. Sukkulentenkunde 4:27-29. Dec.1951. 450 Su42

82331 CUNLIFF, K. M. Trees for tomorrow. Trees So. Africa 3(4):22-23. Jan./Mar.1952. 99.8 T716
Gardenia thunbergia and Sophora japonica.

82332 CURRIE, J. G. R. Cultural guide - principles of Dahlia growing. Dahlia 21:6-10. Spring 1952. 80 D133

82333 CURTIS, C. H. The box tree. Gard. Chron. 132:54. Aug.9,1952. 80 G162

82334 DAVIDSON, J. British Columbia native plants for rock gardens. Alpine Gard. Soc. Q. B. 20:109-122. June 1952. 84 AL6

82335 DAYE, V. L. Orchids at 10 below zero. Family Herald & Wk. Star 83(31):34,37. July 31,1952. 7 F21
Culture in Canada.

82336 DEBUISSON, J. Les sujets porte-greffes pour rosiers. B. Hort. (n.s.)7:104-111. Apr.1952. 80 B873

82337 DECKER, J. S. Hyacinths, tulips, Narcissus. (In Portuguese.) Chacaras e Quintais 85:752-754. June 15,1952. 9.2 C34

82338 DEGOEDE, H. J. You can't beat the new Dutch Iris. Flower Grower 39(9):20-21. Sept.1952. 80 M72

82339 DELKIN, F. L. Some of the loveliest Irises grow from bulbs. Home Gard. 20(2):67-72. Aug.1952. 80 H756

82340 DODGE, A. W. Arboriculture—this is our business. Trees [Cleveland] 12(5):18,20,22,41-42. July/Aug.1952. 99.8 W52

82341 DOOLEY, G. Kentucky did it in 1951. Gladiolus 27:17-22. 1952. 96.43 N44
Organization of a State society and first State show.

82342 DOST, P. Pappeln ins Ruhrgebiet. Pflanze u. Gart. 2(5):28-30. May 1952. 80 P48

82343 DRAYSON, G. F. Dahlias in England, 1951. Dahlia 21:3-5. Spring 1952. 80 D133

82344 EDLIN, H. L. The Bedgebury pinetum. Roy. Inst. Chartered Surveyors. J. 32:12-14. July 1952. 282.9 C38J

82345 ELIOVSON, S. Some shrubs which require an acid soil. Trees So. Africa 3(4):12-14. Jan./Mar.1952. 99.8 T716

82346 ELTER, L. Les calceolaires. Cour. Hort. 14:254-257. May 1952. 80 C834

82347 ENGEL, R. E., STEINIGER, E., and AHLGREN, G. H. The Zoysias as turf grasses in New Jersey. Golf Course Rptr. 20(3):25-26. May/June 1952. 60.18 G83

82348 FLORENCHIE, P., and THEAU, A. Plantes ornementales d'introduction récente ou encore peu répandues en Algérie cultivées au Jardin d'Essai. Rev. Hort. de l'Algérie 56:101-108. Mar.1952. 87 R32

82349 FOSTER, M. B. Death to bromeliads. Bromeliad Soc. B. 2:28-29,36. May/June 1952. 451 B78

82350 FOSTER, R. Benevolent bromeliads. Bromeliad Soc. B. 2:32-33. (Cont.) May/June 1952. 451 B78

82351 FOX, W. Tree and shrub screens; the work of the Roads Beautifying Association. Roy. Hort. Soc. J. 77:280-287. Aug.1952. 84 L84J

82352 FREE, M. How to raise trailing arbutus from cuttings. Home Gard. 20:22-25. July 1952. 80 H756
Epigaea repens.

82353 FREE, M. Shrubby plants for living edges. Home Gard. 20(2):52-55. Aug.1952. 80 H756

82354 GALYON, F. B., JR. Dark horses of Irisdom. Amer. Iris Soc. B. 126:18-27. July 1952. 81 Am39

82355 GILMAN, C. E. Let's plant some primrose seed. Amer. Primrose Soc. Q. 9:53-56. Apr.1952. 96.575 Am3

82356 GRIFFITHS, F. Fun with Geraniums. Mega 12(3):26-28. May 1952. 90.32 M52B

82357 GUILLAUMIN, A. Où en est en France l'acclimatation des plantes ornementales de la Nouvelle-Caledonie? Terre et la Vie 99:19-23. Jan./Mar.1952. 410.9 P21

82358 HAGER, H. Cattleyas for the amateur. Amer. Orchid Soc. B. 21:580-583. Aug.1952. 80 Am329

82359 HAMEL, E. C., JR. Originators and originations; recent and important parentages. Gladiolus 27: 53-103. 1952. 96.43 N44

82360 HANSELMAYER, R. Die deutsche schwertlilie. Gart.- Z. Illus. Flora 75:85-87. Aug.1952. 80 G1991
Iris.

82361 HARKNESS, B. Favorite lilacs at Rochester. Flower Grower 39(9):35,74-75. Sept.1952. 80 M72

82362 HARRIS, C. A. Zoysia [Zoysia matrella] lawn for the South. Flower Grower 39(9):54-57. Sept. 1952. 80 M72

82363 HARRITT, D. Choosing plants for Southern California gardens. Golden Gard. 16(10):4-5,26-27. Aug.1952. 80 G56

82364 HO, J. W. Phalaenopsis grows easily. Pua Okika o Hawaii Nei 1:122-124. Apr.1952. 80 P963

82365 HOAK, C. M. Bulb planting program for August and early September. Golden Gard. 16(10):11-13. Aug.1952. 80 G56

82366 HODGSON, C. G. How I grow my bromeliads in Australia. Bromeliad Soc. B. 2:35. May/June 1952. 451 B78

82367 HODKINSON, J. Orchids; Cymbidium culture for the home gardener. Austral. Gard. Lover 28(4):11. July 1,1952. 80 G1615

82368 HOLMES, V. R. Eighteenth-century gardens in Williamsburg, Va. Gard. Gossip 27(8):5-7,19-20. Aug. 1952. 80 G1625

82369 HOPGOOD, R. F. Making a garden. Alpine Gard. Soc. Q. B. 20:130-142. June 1952. 84 AL6

82370 HOXSIE, C. E. Dahlias for the amateur. Purdue U. Agr. Ext. B. 374,11 p. 1952. 275.29 In2E

82371 HOYT, R. S. The lucent Ceanothus. Calif. Gard. 43:6-8. Spring 1952. 80 C127

82372 HUBER, J. A. Aufgaben der sukkulentenforschung. Sukkulentenkunde 4:23-24. Dec.1951. 450 Su42

82373 HUEY, R. G. Foreign Dahlias -- 1951 growing commentary. Dahlia 21:20-21. Spring 1952. 80 D133

82374 HUGUES, A. J. Production of natural violet. Amer. Perfumer & Essential Oil Rev. 60:105-106. Aug. 1952. 308.8 Am3
Includes culture.

82375 INGWERSEN, W. Knowing and growing Raoulias. Nurseryman & Seedsman 114:1760-1761. June 26,1952. 80 N933

82376 INGWERSEN, W. Sun lovers for rock garden and wall. Nurseryman & Seedsman 114:1606-1607. June 5,1952. 80 N933

82377 JOHNSON, R. R. Amateur Glad growing; why bother to compete? Gladiolus 27:168. 1952. 96.43 N44

82378 JONES, M. A tough little, trim little evergreen holly [Ilex vomitoria]. Home Gard. 20(2):30-31. Aug. 1952. 80 H756

82379 KEELING, A. T. D. Cypripediums and their culture. Orchid Rev. 60:110-112. July 1952. 80 Or15

82380 KELLENBERGER, F. S. The slipper Gloxinia. Gloxinian 1(6):4-5. May/June 1952. 96.06 G51

82381 KELLER, A. Notes on Hawaiian orchid growers. II. Amer. Orchid Soc. B. 21:453-458. June 1952. 80 Am329

82382 KEMP, P. J., and WAY, J. M. Constant water level system for carnations in Sweden. Fruit-Grower 2954:217-218. Aug.7,1952. 80 F941

82383 KIRCH, W. Hawaiian Dendrobium hybrids. Orchid J. 1:157-162. Apr.1952. 80 Or174

82384 KIRCH, W. Vandas for the amateur. Amer. Orchid Soc. B. 21:443-447. June 1952. 80 Am329

82385 KIRCHER, M., and KIRCHER, R. As we saw and grew them in 1951. Gladiolus 27:104-118. 1952. 96.43 N44

82386 KIRCHHOFF, H. Handling Gladiolus. Gladiolus 27:174. 1952. 96.43 N44

82387 KLEINER, P. Mooskörbe, ein vorschlag zur dekoration schattiger fassaden. Schweiz. Gärtztg. 55(19):2-3. May 15,1952. 80 G1939

82388 KLINE, F. W. Companion plants for daffodils. Pop. Gard. [Albany] 3(8):18-21. Aug.1952. 80 P812

82389 KOLESNIKOV, L. A. Hundreds of new lilac varieties. (In Russian.) Priroda 41(4):82-85. Apr.1952. 410 P933

82390 KROMDIJK, G. Aloe variegata. Cour. Hort. 14:198-200. Apr.1952. 80 C834

82391 KROMDIJK, G. Campanulas as cut flowers. (In Flemish.) Cult. en Handel 18:392-394. July 1952. 80 C892

82392 KROMDIJK, G. Culture of Nephrolepis. (In Flemish.) Cult. en Handel 18:395-396. July 1952. 80 C892

82393 KROMDIJK, G. Plantes d'appartement à feuillage décoratif. Cour. Hort. 14:252-254. May 1952. 80 C834

82394 LAMBERTS, H. The breeding of lupins. VIII. Zaad-Bloem-en Bollenwereld 16:257. June 1952. 61.8 Z12

82395 LANE, D. So red the rose. Mega 12(3):22,47. May 1952. 90.32 M52B

82396 LARUS, J. R., and LARUS, C. T. 1951 variety ratings for exhibition purposes. Gladiolus 27:119-130. 1952. 96.43 N44

82397 LEACH, F. A. A note on the history and behaviour of Amaryllis belladonna 'Frank Leach.' Roy. Hort. Soc. J. 77:292-293. Aug.1952. 84 L84J

82398 LEVY, F. Presenting the new score for Julianas. Amer. Primrose Soc. Q. 9:58-59. Apr.1952. 96.575 Am3

82399 LOGAN, H. B. Plain rules for fancy orchids. Home Gard. 20(2):24-29. Aug.1952. 80 H756

82400 LUOSTARINEN, K. A garden easy to care for. (In Finnish.) Teho 5:259-260. 1952. 20 T98
English summary, p. 278.

82401 MACCARIO, G. An exotic flower-plant, new for Italy (Chamaelaucium uncinatum Schau.) (In Italian.) Ann. della Sper. Agr. (n.s.)6(3,sup.):i-ix. 1952. 16 An76
English summary.

82402 MCCULLOUGH, R. G. The trees in Washington Square. N. Y. State Conserv. 7:2-3. Aug./Sept. 1952. 279.8 N48

82403 MCCULLY, A. Where it's bone dry and broiling hot. Home Gard. 20(2):57-59. Aug.1952. 80 H756
Colorful gardens for desert regions.

82404 MCKENNA, P. J. Coldframe gardening. Flower Grower 39(9):24. Sept.1952. 80 M72

82405 MENZIES, R. P. Gladiolus in Australia. Gladiolus 27:13-16. 1952. 96.43 N44

82406 MERKEL, N. B. Dendrobiums in Florida. Orchid J. 1:167-169. Apr.1952. 80 Or174

82407 MIYAMOTO, M. Dendrobiums. Pua Okika o Hawaii Nei 1:125-128. Apr.1952. 80 P963

82408 MOSHER, K. H. New gesneriads. Gloxinian 1(6):10. May/June 1952. 96.06 G51

82409 NORDAN, W. W. Meet the Zoysia family. Green Thumb [St. Petersburg] 2(8):5-6. June/July 1952. 80 G822

82410 NORTHEN, R. T. Flask and community pot seedlings. Amer. Orchid Soc. B. 21:532-537. July 1952. 80 Am329

82411 NORTHEN, R. T. Safe orchid growing. Amer. Orchid Soc. B. 21:591-597. Aug.1952. 80 Am329

82412 NUBOURGH, Y. Water in the garden. (In Flemish.) Cult. en Handel 18:386-390. (Cont.) July 1952. 80 C892

82413 OKADA, M. On propagation of Lilium longiflorum. II.-III. (In Japanese.) Hort. Assoc. Japan. J. 20:209-218. Mar.1952. 87 H78

82414 ORTEGA, P. Una orquidea [Brassabola fimbripetala] que merece el titulo de flor nacional de Honduras. Comt. Nac. de Café. B. 5:648-652. Oct./Dec.1951. 68.29 C732

82415 PADILLA, V. Bromeliads—companions of the orchids. Amer. Orchid Soc. B. 21:538. July 1952. 80 Am329

82416 PESMAN, M. W. Help! Your plants are drowning! What to do about it. Green Thumb [Denver] 9(7):10-11. July 1952. 80 G82

82417 PETERS, R. M. Favorites among the newer African violets. Flower Grower 39(9):42-43,51-52. Sept.1952. 80 M72

82418 PETERSEN, J. After the harvest of the flower bulbs. (In Danish.) Gart.-Tid. 68:279-280. Aug.4,1952. 80 G192
Storage.

82419 PICKUP, S. I wonder if. Gladiolus 27:172-173. 1952. 96.43 N44

82420 PICKUP, S. Just thinking — wins. Gladiolus 27:169-171. 1952. 96.43 N44

82421 RAALTE, D. VAN. Platycodon or Chinese bellflower. (In Flemish.) Cult. en Handel 18:391. July 1952. 80 C892

82422 RADKO, A. M., and GRAU, F. V. Operation Zoysia. USGA J. & Turf Mangt. 5(2):26-28. June 1952. 60.18 Un32

82423 RAMSFJELL, T. Diseases of Cyclamen. (In Norwegian.) Gartneryrket 42:475-477. July 5,1952. 80 G1938

82424 REYNOLDS, G. W. Reminiscences of an Aloe enthusiast. Natl. Cactus & Succulent J. 7:34-36. 1952. 450 N21

82425 RICE, G. B. Evergreens and flowering shrubs. Gard. Gossip 27(8):8-9,17-19. Aug.1952. 80 G1625

82426 RICH, F. Philodendron species; contrast for your Begonias. Begonian 19:175. Aug.1952. 96.511 B39

82427 RILEY, A. Hibiscus, siren of Tropics. Green Thumb [St. Petersburg] 2(8):7,26. June/July 1952. 80 G822

82428 ROAN, H. M. Friends and succulents. Natl. Cactus & Succulent J. 7:30-32. (Concl.) 1952. 450 N21
Union of South Africa.

82429 ROBINSON, P. L. How to build a lawn. Home Gard. 20(2):6-11. Aug.1952. 80 H756

82430 ROWLEY, G. D. Studies in Ficoidaceae [Aizoaceae]. IV. Seedlings. Natl. Cactus & Succulent J. 7:26-28. Ref. 1952. 450 N21

82431 ROWLEY, M., and ROCHE, M. A. Adventures with the species tulips. Flower Grower 39(9):36-37,49-50. Sept.1952. 80 M72

82432 ROWNTREE, L. West Coast gardening. Flower Grower 39(9):28. Sept.1952. 80 M72

82433 RYCKE, E. DE. Athletic fields. (In Flemish.) Cult. en Handel 18:411-412. July 1952. 80 C892

82434 SANTOS, E. Brazilian orchids. IV-V. (In Portuguese.) Seleç. Agr. 7(72):13-14;(73):27-29. Apr.-May 1952. 9.2 Se4

82435 SAUNDERS, D. E., and COHEN, V. Three closely allied Cyclamen. Alpine Gard. Soc. Q. B. 20:44-50. Mar.1952. 84 AL6
Cyclamen creticum, Cyclamen balearicum, and Cyclamen repandum album.

82436 SCABORIO, J. Rhododendron species; a revolution in horticulture. Wide variety of colour — exquisite fragrance. Austral. Gard. Lover 28(4):13. July 1,1952. 80 G1615

82437 SCHACHT, W. Von de gehölzen des Botanischen Gartens München-Nymphenburg. Deut. Baumsch. 4:115-119. May 1,1952. 80 D486

82438 SCHNITZIUS, H. J. Possibilities in perennials. Amer. Nurseryman 96(4):11,45-49. Aug.15,1952. 80 Am371

82439 SCHULZ, P. Homemade hybrid Gloxinias. Pop. Gard. [Albany] 3(8):23,49,52. Aug.1952. 80 P812

82440 SEIBERT, R. J. Look for plants to save our water. Golden Gard. 16(10):6-7,18. Aug.1952. 80 G56

82441 SEYMOUR, E. L. D. Let's go shopping for a lawn. Amer. Home 48(4):30,101-102. Sept.1952. 80 Am313
Grass varieties.

82442 SHEWELL-COOPER, W. E. Beauty all the year round; the carnation [Dianthus] is a most rewarding flower to grow and needs surprisingly little attention. Field 200:113. July 19,1952. 10 F45

82443 SHEWELL-COOPER, W. E. The rose in a new guise. Estate Mag. 52:245-247. June 1952. 10 Es8

82444 SHIMIZU, M. Kuruma - Yuri (Lilium medeoloides A. Gray). No. Amer. Lily Soc. Lily Ybk. 5:76-79. 1952. 96.46 N81

82445 SHIPPY, B. L. Attention on Alocasias. Flower Grower 39(9):40-41,58. Sept.1952. 80 M72

82446 SMITH, L. B., and SCHUBERT, B. G. Una nueva Begonia [B. descoleana] Argentina. Lilloa 23: 143-146. 1950. 450 L62
English summary.

82447 SPAARGAREN, J. L. The cultures of Aalsmeer. III. The Chrysanthemum. Zaad-Bloem-en Bollenwereld 16:219. May 1952. 61.8 Z12

82448 SPRY, C. Flower arrangement. Roy. Hort. Soc. J. 77:268-274. Aug.1952. 84 L84J

82449 STEIN-ZEPPELIN, H. Neues über Iris barbata. Schweiz. Gärtztg. 55(27):2-3. July 10,1952. 80 G1939

82450 STEPHENS, J. A. Cool Odontoglossums in Florida. Amer. Orchid Soc. B. 21:499-504. July 1952. 80 Am329

82451 STIRLING, W. Cymbidium vangie var. harlequin. Orchid Rev. 60:105-107. July 1952. 80 Or15

82452 STROPKEY, J. G. Rose propagation. Amer. Rose Mag. 10(7):20-22. July 1952. 80 Am327A

82453 SWEETSER, G. A. Carbohydrates and roses. Amer. Rose Mag. 10(7):12-13. July 1952. 80 Am327A

82454 TAKAHASHI, M. Growing and care of Cypripedium in Honolulu. Pua Okika o Hawaii Nei 1:133-139. (Cont.) Apr.1952. 80 P963

82455 TAKAHASHI, M. Gr[illegible] and care of Cypripedium in Honolulu. Pua Okika o Hawaii Nei 2: 13-16. (Cont.) July 1952. 80 P693

82456 THOMAS, A. S. Planting and pruning roses; soil treatment, control of pests and diseases. Austral. Gard. Lover 28(4):25,27,29. July 1,1952. 80 G1615

82457 TISCHER, A. New Conophytums. II. Natl. Cactus & Succulent J. 7:29. (Cont.) 1952. 450 N21
Translation by H. M. Roan.

82458 TRICE, C. Tulips in Texas, too. Home Gard. 20(2):21-23. Aug.1952. 80 H756

82459 TYROLER, F. R. Star performers among tulip varieties. Flower Grower 39(9):36-37,48. Sept. 1952. 80 M72

82460 UICHANCO, L. B. A method of mounting epiphytic orchids. Orchid J. 1:193-194. Apr.1952. 80 Or174

82461 UITEWAAL, A. J. A. Stapelia variegata. (In Dutch.) Huis en Hof 4:104-106. June 1952. 80 H87

82462 UPDEGRAFF, MRS. P. Wynnewood, Oklahoma, Iris gardens. Amer. Iris Soc. B. 126:35-40. July 1952. 81 Am39

82463 VACIN, E. F. Growth and flowering of Cymbidiums in their original habitats. Amer. Orchid Soc. B. 21:601-613. Aug. 1952. 80 Am329

82464 VAGLIASINDI, G. Christmas star. (In Italian.) Italia Agr. 89:369-378. June 1952. 16 It1
Poinsettia.

82465 VAN DUYN, J. Tulips triumphant. Org. Gard. 20(8):16-17,46-49. Aug.1952. 56.8 Or3

82466 VAN ZYL, DE W. Beautiful roses hang from the pruning shears. (In Afrikaans.) Landbouweekblad 34(1715):12-13. May 28,1952. 24 L232

82467 WARD, F. K. Plants we forget. Gard. Illus. 69:210. Aug.1952. 80 G169

82468 WARD, F. K. Schoepfia jasminodora. Gard. Chron. 132:34-35. July 26,1952. 80 G162

82469 WATSON, R. F. Veronicas in our garden. Alpine Gard. Soc. Q. B. 20:127-129. June 1952. 84 AL6

82470 WATT, MRS. D. H. Hemerocallis. Gard. Path 22(3):6,16. July/Sept.1952. 80 G1624

82471 WENNINGER, W. C. Tuberous rooted Begonias as a hobby flower. Mega 12(3):14-16. May 1952. 90.32 M52B

82472 WOODBURY, A. Variety is the spice in the garden. Golden Gard. 16(10):8-9. Aug.1952. 80 G56

82473 WRIGHT, A. New Saintpaulias. Home Gard. 20:6-9. July 1952. 80 H756

82474 WYMAN, D. Trees of the Arnold Arboretum. Trees [Cleveland] 12(5):8-9,28,34. July/Aug.1952. 99.8 V52

82475 WYNNE, R. B. Nightlily news. Pop. Gard. [Albany] 3(8):24-25,45-46. Aug.1952. 80 P812
Hemerocallis.

82476 YAMAYOSHI, H. Hawaiian orchid [Liparis hawaiiensis]. Pua Okika o Hawaii Nei 1:119-121. Apr. 1952. 80 P963

Vegetable and Truck Crops (Including Potatoes)

82477 ABEIJON VELOSO, J. La destrucción prematura del follaje de la patata. ASPAS 2:3-8. 1951. 75.8 As6

82478 AMERICAN potato yearbook, 1952. Westfield, N. J.,1952. 80 p. 75.8 Am32

82479 ASSCHE, F. VAN. Variety tests in lettuce culture. (In Flemish.) Tuinbouwberichten 16:86-87. June 15,1952. 80 T817

82480 BAUDET, and others. Etudes sur la patate douce. Chambre Franç. d'Agr. des Régions de Rabat, du Rharb et d'Ouezzane. B. 18:3123-3127,3129-3130. Mar.1952. 24 C352
Bouhelier, Coves, Cuenot, Elant, and Praloran, joint authors.
Culture.

82481 BOWERS, J. L., and GREIG, J. K., JR. Snap bean varieties for fall production. Ark. Farm Res. 1(2):6. Summer 1952. 100 Ar42F

82482 BRES, R. M. La culture de la laitue en Roussillon. France. Min. de l'Agr. B. Tech. d'Inform. 70: 377-384. June 1952. 14 F844B

82483 BUCKLEY, K. H. Cabbage for market. Miss. State Col. Ext. P. 165,5 p.-folder. Jan.1951. 275.29 M68Ext
Culture.

82484 BUISHAND, T., and WIEBOSCH, W. A. De veredeling van capucijners en rozijnerwten. The breeding of dun and maple peas. Tech. Ber. 61,28 p. June 1952. 60.39 T22
English summary.

82485 CAVIA, C. E. Influencia de subregiones de la región de Rosario sobre papa Katahdin para semilla. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(30):22-26. Dec.1951. 9 Ar35

82486 CIZIK, B. Melon growing in Israel. Hassadeh 32:321-323. Apr.1952. 26 H27
In Hebrew.

82487 COHEN, A. New sweet potato varieties. Hassadeh 32:319-321. Apr.1952. 26 H27
In Hebrew.

82488 DAWE, T. C. R. Onion growing in the Pukekohe district. New Zeal. J. Agr. 84:493-496. June 16,1952. 23 N48J

82489 DEMESMAY, H.. Le contrôle, son évolution. Pomme de Terre Franç. 15(154):19-22. June 1952. 75.8 P77
Regulation and inspection of seed potatoes.

82490 DOBRENOV, M. Production of early vegetables. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(3/4):4-8. Feb.25,1952. 21.5 V87

82491 ELKJAER, M. From the infancy of the greenhouse cucumbers. (In Danish.) Gart.-Tid. 68:272-273. July 28,1952. 80 G192

82492 ENGLEDOW, E. Onions do double duty with cotton [in Texas]. Sowest. Crop & Stock 6(8):20-22. Aug.1952. 6 So8942

82493 EVENARI, M., and NEUMANN, G. The germination of lettuce seed. II. Israel. Res. Council. B. 2: 75-78. June 1952. 330.9 Is72B

82494 EVREINOFF, V. A. Histoire de la pomme de terre "Bintje." Terre d'Oc 34:239-240. June 1952. 14 Ar5

82495 FEISTRITZER, W. Die selbstungsanalyse, eine voraussetzung für die kreuzungszucht der kartoffel. Z. f. Pflanzenzücht. 31:173-195. Mar.1952. 450 Z36

82496 FERRARI, T. J. Een onderzoek over de stroomruggronden van de bommelerwaard met als proefgewas de aardappel. An agronomic research with potatoes on the river ridge soils of the Bommelerwaard. Netherlands. Dir. van de Landb. Verslagen van Landbk. Onderz. 58(1),132 p. Ref. 1952. 105.2 V61V

82497 FLEGG, P. B. Science and the grower. MGA Bulletin 31:212-213. July 1952. 80 M97
Mushrooms.

82498 GEORGIA. COASTAL PLAIN EXPERIMENT STATION. Truck crops for the Coastal Plain of Georgia. Ga. Coastal Plain Expt. Sta. Mimeog. Paper 72,2 p. Jan.1951. 100 G292M

82499 GLASCHKE, B. Kurze beschreibung der zugelassenen rettichsorten. Saatgut-Wirt. 4:108-109. May 1952. 61.8 Sa1

82500 HAHN, P., and SCHMIDT, M. Kohl- und wurzel gemüse, arten- und sortenkunde. Berlin, Deutscher Bauernverlag,1951. 255 p. (Arbeiten des Sortenamtes für Nutzpflanzen.2). 451 So62

82501 HARDING, W. A. B. Reflections on the tray system. MGA Bulletin 31:211-212. July 1952. 80 M97
Mushroom culture.

82502 HARTMAIR, V. Der gegenwärtige stand der kopfkohlzüchtung in Osterreich. Höhere Bundeslehr- u. Versanst. f. Wein- u. Obstbau. Mitt. 2:109-111. May 1952. 105.9 K696
English summary.

82503 HOMANN. Betrachtungen zum diesjährigen kartoffelanbau. Landwirtbl. Weser-Ems 28:681-682. July 10,1952. 18 L2345

82504 JÄHNL, G. Grössere kartoffeln aus geschnittenem saatgut? Bundesanst. f. Alpine Landwirt. Veröffentl. 6:86-89. 1952. 19 Ad6

82505 JÄHNL, G. Uber schneiden und vorkeimen von saatkartoffeln. Bundesanst. f. Alpine Landwirt. Veröffentl. 6:90-123. 1952. 19 Ad6

82506 JONG, W. H. DE. Conservación de patatas de siembra en locales de refrigeración con motores productores de frío en Francia. ASPAS 2:19-20. 1951. 75.8 As6

82507 KAWATEI, K., TUCHIYA, T., and KOBAYASHI, T. Relation of the depth of seed potato in the soil to root and stolon development and tuberization of potato. (In Japanese.) Hort. Assoc. Japan J. 20:223-230. Ref. Mar. 1952. 87 H78

82508 KIDNER, A. W. Breeding asparagus. Gard. Chron. 132:44. Aug.2,1952. 80 G162

82509 KLINGE, G. El problema de la producción de papas en el pais. Vida Agr. [Lima] 29:463,465-466. June 1952. 9.8 V66
Peru.

82510 KÜPPERS-SONNENBERG, G. A. Kann die topinambur dem wald nützen? Unser Wald 5(6):21-22. June 1952. 99.8 Un7

82511 LAKON, G., and BULAT, H. Die feststellung der keimfähigkeit der spinatsamen nach dem topographischen tetrazolium-verfahren. Saatgut-Wirt. 4:117-118. May 1952. 61.8 Sa1

82512 LLAVERIA B., M. Papa; estudio sobre la semilla "muni." Agronomia [Lima] 17(69):16-20. May/June 1952. 9.8 Ag83

82513 LUCHINI, R. Industrialización de hortalizas: arvejas para la industria; prueba de cultivo. Consorcio de Cent. Agr. de Manabi. Rev. 12(69):31-38. Jan./Mar. 1952. 9.5 M31

82514 MARTENS. Verbesserung der wirtschaftlichkeit des knollensellerieanbaus. Landwirtbl. Weser-Ems 99:655-656. July 3,1952. 18 L2345

82515 MORTON, J. F. Tomato growing. A personal point of view. Growers' Digest 3(2):5-9. Dec.1951. 80 G914

82516 NEYPES, E. C. The vegetables to plant for each type of climate in the Philippines. C. L. A. C. Mon. B. Pract. Farming 6(9):1-3. Mar.1952. 25 C33

82517 NÖTZEL, H. Uber methoden zur pflanzguteinsparung bei kartoffeln. Deut. Landwirt. 3:306-309. June 1952. 18 D4822

82518 NOVIKOF, V. A. Situation actuelle et moyens d'amélioration de la culture de la tomate en Tunisie. Tunisie Agr. 53:57-67. May 1952. 24 T832
Cultural methods.

82519 OGDEN, E. C. Mushrooms. N. Y. State Conserv. 7:14-17. Aug./Sept.1952. 279.8 N48
Varieties.

82520 PIGEON, A. Une production de qualité: l'asperge. France. Min. de l'Agr. B. Tech. d'Inform. 71: 435-446. July 1952. 14 F844B

82521 PIOVANO, A. P. Nuevas variedades de hortalizas. Chacra 22(259):8-9. June 1952. 9 C34

82522 RESSORT, L. Essais sur le "champignon de couche". Rev. Hort. de l'Algérie 56:109-113. Mar.1952. 87 R32

82523 REYNOLDS, J. D. Better quality peas. Brit. Farmer 48:7. June 30,1952. 281.8 B77
Culture.

82524 ROCHA GARCIA, G. DE LA. Estudio del comportamiento de 49 variedades americanas de tomate. Agronomia [Lima] 16(68):39-52. Nov.1951/Jan.1952. 9.8 Ag83

82525 RUST, G. Verbesserung der lagerfähigkeit von konsumzwiebeln durch änderung der umweltbedingungen bei samenträgern während der entwicklung. Deut. Landwirt. 3:292-296. June 1952. 18 D4822

82526 SANTOS, I. M., and XAVIER FILHO, S. Beans and their culture in the State of Minas Gerais. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1:46-56. Jan.1952. 9.2 M663

82527 SHEWELL-COOPER, W. E. Never enough onions. Estate Mag. 52:335-337. Aug.1952. 10 Es8
Culture.

82528 SHEWELL-COOPER, W. E. Starting spring cabbages. Field 200:149. July 26,1952. 10 F45

82529 SHIBUTANI, S., and TAKESHIMA, K. On the ecological characters of the strains of "shogoin-daikon," a Japanese radish and "shogoin-kabura," a Japanese turnip. (In Japanese.) Hort. Assoc. Japan J. 20:219-222. Mar.1952. 87 H78

82530 SOPER, M. H. R. Investigations into the field bean crop. Gt. Brit. Min. Agr. Agriculture 59:229-234. Aug.1952. 10 G79J
Cultivation.

82531 TAKASHIMA, S., and SHIBAHARA, F. Studies on the development of root in potato. (In Japanese.) Saikyo U. Facul. Agr. Sci. Rpt. 1:42-50. Apr.1951. 22.5 K99

82532 TOXOPEUS, H. J. On the possible significance of Solanum demissum in improving the yield of the cultivated potato. (In Dutch.) Euphytica 1:133-139. July 1952. 450 Eu6
English summary.

82533 UILENBURG, N. G. Spinach varieties. II. (In Dutch.) Groenten en Fruit 7:986. June 19,1952. 80 G89

82534 ULLMAN, H. The rearing of melons. Hassadeh 32:323-324. Apr.1952. 26 H27
In Hebrew.

82535 WESTER, R. E. New lima beans for Tri-State area. N. J. Farm & Gard. 23(8):25,53. Aug.1952. 6 G162

82536 YOUNG, P. A. Breeding tomatoes minimizes cracking. East Tex. 26(10):8,14. July 1952. 6 Ea73

82537 ZUBAREV, A. K. Greater attention to summer plantings of potatoes. (In Russian.) Sovet. Agron. 10(7): 31-36. July 1952. 20 So84

WEEDS AND POISONOUS PLANTS

82538 ARCENEAUX, G., HEBERT, L. P., and MATHERNE, R. A new approach to an old problem—fallow flooding for Johnson grass control. Sugar B. 30:310,314-316. July 15,1952. 65.9 Am32

82539 ARNABOLDI, R. Control químico de las malezas. Uruguay. Min. de Ganad. y Agr. B. Inform. 414:4,6. May 8,1952. 9.9 G15B

82540 BAKKER, D. Observations on the occurrence and control of the most important weeds in the north-eastern polders. (In Dutch.) Netherlands. Dir. van de Wieringermeer. Verslag 13:51-70. 1950,pub.1951. 290.9 N382

82541 BALMOS, D. Brushy problem. Tex. Livestock J. 11(7):7,102. July 1952. 49 T29

82542 BARRERA, A. Weeds in the sugar cane fields of Negros Occidental. Soil Sci. Soc. Philippines J. 4: 95-100. Second Q.1952. 56.9 So35

82543 BENOIST. Le desherbage sélectif des rizières. Bouches du Rhône Agr. 24(1076):6. June 15,1952. 14 B662

82544 BERGMARK, M. The deathly poisonous monkshood. (In Swedish.) Trädgårdstidningen 24(7):7-8. July 1952. 80 T67
Aconitum napellus.

82545 BERGSMA, D. New Jersey's State-wide coordinated weed control program. N. J. Dept. Health. Pub. Health News 33:163-165. July 1952. 449.7 N46P

82546 BORELL, A. E. Daddy Pope's geese. Soil Conserv. 18:27-29,47. Sept.1952. 1.6 So3S
Control of Johnsongrass in cotton.

82547 BROOKS, R. O. Chemical weeding report for 1951. Pa. Forests & Waters 4:60-61. May/June 1952. 99.8 P38
In forest tree nurseries.

82548 CIFERRI, R. Selective herbicides (In Italian.) Informatore Fitopatol. 14:1-2. Oct.31,1951. 464.8 In8

82549 COURTH. Unkraut in getreide und auf dauergrünland. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 1098-1099. July 17,1952. 18 L2346

82550 CRAFTS, A. S., and HARVEY, W. A. Herbicidas selectivos. Agrotecnia 7,1.e.6:25-26. May/June 1952. 8 Ag825

82551 DEARBORN, C. H. Chemical weed killers and their use. Alaska. Agr. Expt. Sta. C. 18,6 p.-folder. May 1952. 100 AL122E

82552 ELAM, F. L. Goats cleared our brush. West. Livestock J. 30(42):37,46,51,55. July 15,1952. 6 F2278

82553 FENAROLI, L. A new weed of the rice fields (Ottelia alismoides Pers.) (In Italian.) Ann. della Sper. Agr. (n.s.)6(3,sup.):xi-xix. Ref. 1952. 16 An76
English summary.

82554 FOUILLAND, G. Viticulteurs, attention aux désherbants! Viticult. Nouvelle 5(52):23-24. Aug.1952. 390.8 V832
Danger in spraying grapes with equipment previously used for 2,4-D.

82555 GONGGRIJP, J. The use of oil-containing herbicides in Indonesia. (In Dutch.) Bergcultures 21: 215,217,219,221,223,225,227. Ref. June 1,1952. 22.5 B45

82556 GRIGSON, G. Flower-show in the corn. Country Life [London] 112:394-395. Aug.8,1952. 80 C83
Weeds blooming in the corn field.

82557 HAITI. DIRECTION GENERALE DE L'AGRICULTURE. SECT. DE BOTANIQUE. Plantes vénéneuses et caustiques de la flore d'Haiti. B. Agr. 2(2/3):12-15; (4):8-10. Mar./May-July 1952. 8 B87

82558 HAMILTON, R. D., WHITFIELD, C. J., and REA, H. E. Control of extensive infestation of bindweed [Convolvulus arvensis] in northwest Texas. Tex. Agr. Expt. Sta. Prog. Rpt. 1392,5 p. Aug.13,1951. 100 T31P

82559 HOLLY, K. The effects of volume application-rate on the activity of 2: 4-dichlorophenoxyacetic acid and 2-methyl-4-chlorophenoxyacetic acid. J. Sci. Food & Agr. 3:308-312. July 1952. 382 So12

82560 KASAHARA, Y. Some tests on the use of 2.4-dichlorophenoxyacetic acid for controlling weeds in paddy fields. 1-2. Ohara Inst. f. Landwirt. Forsch. Ber. 9:441-450,454-461. Ref. 1951. 107.6 Oh1

82561 KEENAN, W. C. Less brush—more pastures. Ky. Farmer 88(8):11-13,24. Aug.1952. 6 F2237
Chemical brush control.

82562 KOSTULOVIC, G. Trabajos para el control del "kikuyo." (Extr.) Vida Agr. [Lima] 29:467,469, 471-472. June 1952. 9.8 V66
Pennisetum clandestinum.

82563 LEASURE, J. K. Weed control with chemicals. Tenn. Agr. Expt. Sta. Prog. Rpt. 1:4,11. Jan./Mar.1952. 100 T25F

82564 LUETHY, D. R. 2.4-D vs. the hyacinth [Eichhornia crassipes]. Fla. Wildlife 6(3):22-24. Aug.1952. 410 F663

82565 MALDONADO GIL, J. DE D. Contribución al estudio etiológico de el "borrachera" [Rauwolfia canescens]. Rev. de Med. Vet. y Parasitol. 10:137-175. Jan./Dec.1951. 41.8 R3293
Includes toxicity to cattle.

82566 MAN VS. mesquite; open range may be restored by new aerial spray. Life 33(7):69-70,72. Aug. 18,1952. 280.8 L62

82567 MARTENSEN. Was sagen uns die wiesenunkräuter? Deut. Landwirt.-Gesell. Mitt. 67:451-452. June 21,1952. 18 N39

82568 MARTIN, R. Utilisation agricole des crudes-ammoniac. Tarn-et-Garonne Agr. 15:48. Mar.1952. 14 T17
Herbicide and fertilizer.

82569 MATIĆ, I. Weeds and their destruction. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(8/9): 4-5. May 1952. 21.5 V87

82570 MUZIK, T. J., and CRUZADO, H. J. Increase in herbicidal activity of sodium trichloroacetate when combined with some contact herbicides. Agron. J. 44: 383-384. July 1952. 4 Am34P

82571 OLSON, P. J. Controlling weeds in the barley crop. Prod. & Play, June 1952:3-8. 59.8 P94

82572 ORCHARD, H. E., and WARNER, R. L. Chemicals for weed control. So. Austral. Dept. Agr. J. 55:510-522. May 1952. 23 So84

82573 OTIS, C. E. Developing new herbicides. Com. Fert. 85(2):65-69. Aug.1952. 57.8 C73

82574 PAIXÃO, J. DA C. Physiological aspects of herbicide application. (In Portuguese.) Seleç. Agr. 7 (73):63-67. May 1952. 9.2 Se4

82575 PIACCO, R. Use of herbicides. (In Italian.) Riso 1(4):14-17. May 1952. 59.8 R49

82576 PIACCO, R. Use of plant hormone herbicides. II. Weed control tests with Agroxone 10. (In Italian.) Riso 1(5):21-22. June 1952. 59.8 R49
Weed control in rice fields.

82577 PLANT, W. A weed by any name. Farmers Wk. [London] 37(5):57. Aug.1,1952. 10 F2226
Control of Equisetum palustre with methoxone.

82578 PORTSMOUTH, G. B. The weed problem on tea estates. Planters' Chron. 47:61-63. Feb.1,1952. 22 P693
India.

82579 RADKO, A. M., and GRAU, F. V. National coordinated crabgrass trials. USGA J. & Turf Mangt. 5(2):29-31. June 1952. 60.18 Un32

82580 REA, H. E., HAMILTON, R. D., and THORNTON, M. K. Field bindweed [Convolvulus arvensis]. Tex. Agr. Col. Ext. B. 199,12 p. Apr.1952. 275.29 T312

82581 REYNTENS, H. Prévention et lutte contre la renoncule et le pissenlit dans les herbages, par le parcellement, le pâturage et le travail superficiel du sol. Rev. de l'Agr. 5:727-732. July 1952. 13 R322
English summary.

82582 ROBINSON, D. H. Clean the stubble. Farmers Wk. [London] 37(7):51. Aug.15,1952. 10 F2226
Soil cultivation as a means of weed control.

82583 RUMMELL, R. S. Eliminate cheatgrass [Bromus tectorum] before reseeding. Idaho Farmer 70:601. Aug.7,1952. 6 G282

82584 SCHENK, P. J. Cuscuta campestris. (In Flemish.) Cult. en Handel 18:407-408. July 1952. 80 C892

82585 SEELY, C. I. Controlling perennial weeds with tillage. Idaho. Agr. Expt. Sta. B. 288,43 p. May 1952. 100 Id1

82586 SHIODA, T. Weed control on mulberry farm by 2, 4-D application. (In Japanese.) Nōrin Jihō 11(4): 31-33. Apr.1952. 22.5 N772

82587 SLAATS, M. La destruction des renoncules. Rev. de l'Agr. 5:725-726. July 1952. 13 R322
English summary.

82588 STANTON, H. S. Equipment and cultural practices important in chemical weed control. Tex. Livestock J. 11(5):8,75. May 1952. 49 T49

82589 STRIJCKERS, J. La destruction des mauvaises herbes dans les prairies. Agriculteur 56(29):3-4. July 20,1952. 13 B63P

82590 STRYCKERS, J. La destruction des plantes adventices au moyen de produits chimiques. Rev. de l'Agr. 5:667-683. Ref. July 1952. 13 R322
English summary.

82591 THORNTON, B. J. Controlling farm and ranch weeds. Colo. Farm & Home Res. [Colo. Sta.] 3: 12-13. May/June 1952. 100 C712Co

82592 TORRE, J. R. DE LA. El sistema pre-emergente en el control de las hierbas: un nuevo metodo de cultivo. Asoc. de Têc. Azucareros de Cuba. B. 11:29-31. Mar.1952. 65.9 As5B

82593 VOEVODIN, A. V. On increasing the effectiveness of the chemical method in controlling weeds. (In Russian.) Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(6):41-44. Ref. 1952. 20 Ak1
Experiments in spraying wheat with 2,4-D.

82594 WOODFORD, E. K. The mode of action of 2: 4-dichlorophenoxyacetic acid and 2-methyl-4-chlorophenoxyacetic. J. Sci. Food & Agr. 3:349-253. Ref. Aug.1952. 382 So12

82595 ZIMMERMAN, W. E. Test PC [potassium cyanate] wet, dry and with sludge for weed control. Golfdom 26(6):62-66. June 1952. 60.18 G58

MISCELLANEOUS ECONOMIC PLANTS
(Drug, Dye, Rubber, Etc.)

82596 AKADEMIIA NAUK. BOTANISCHESKIĬ INSTITUT. Poleznye rasteniîa SSSR [Useful plants of U.S.S.R.] v. 1. Moskva,Akademîia Nauk SSSR,1951. 198 p. 452.8 Ak1P

82597 BARTOLOME, R. Coffee production in the Philippines. Philippine J. Agr. 15:219-233. Ref. Third/Fourth Q. 1950,pub.1952. 25 P543

82598 BERNER, U. Die akazie [Robinia] in Niedersachsen. Nordwestdeut. Imkerztg. 4:194-195. June 1952. 424.8 N753

82599 BERNER, U. Trachtwert und trachtbedeutung der linde. Deut. Bienenwirt. 3:101-102. June 1952. 424.8 D489

82600 BJELCIĆ, Z. Vorläufiger bericht über die honigspendenden pflanzen von Sarajevo und umgebung. (In Serbo-Croatian.) Biol. Inst. God. 3:79-86. Ref. 1950,pub.1951. 442.9 Sa73
German summary.

82601 CARMICHAEL, W. Forestry's part in the cultivation of pyrethrum [Chrysanthemum cinerariaefolium] in East Africa. Arbor 2:26-29. Mar.1952. 99.8 Ar17
Pyrethrum culture followed by reforestation.

82602 CHALFIN, E. F. Winter herb garden. Org. Gard. 20(8):28-29,51-52. Aug.1952. 56.8 Or3

82603 CHANG, C. C. A preliminary study on shading in relation to the seedling growth of Coffea arabica, Linn. (In Chinese.) Agr. Res. 2(3):65-70. Sept.1951. 22.5 Ag823
English summary.

82604 CLAUS, E. P. Medicinal plants of western Pennsylvania. Trillia 11:132-137. July 1951. 451 W52

82605 COMPAGNON, P. La vocation de l'Institut des Recherches sur le Caoutchouc en Indochine. Rev. Gén. du Caoutchouc 29:478-482. July 1952. 305.8 R32
English summary, p. 520.
Includes cultural research.

82606 COORDES, H. Etwas über bienenweide. Nordwestdeut. Imkerztg. 4:191-193. June 1952. 424.8 N753

82607 COSTE, A. L'ail d'Orient. Rev. Hort. de l'Algérie 56:50-52. Feb.1952. 87 R32

82608 DE SILVA, C. A. A study of yields of old budded rubber at the Rubber Research Institute. Rubber Res. Inst. Ceylon Q. C. 27:28-34. Feb.1952. 78.9 C33Q

82609 DUQUE, J. P. Telarañas de la caficultura. Café de El Salvador 22:155-162. Mar.1952. 68.28 C112

82610 FEDERACIÓN NACIONAL DE CAFETEROS. COMITE DEPT. DE ANTIOQUIA. Un plan de trabajos para la sección técnica del comité de cafeteros de Antioquia (1952). Soc. Antioqueña de Agr. B. Agr. 384:3391-3395. Apr.1952. 9.4 So1
Cultural program.

82611 FLUGEL, H. Was ist mit der bienenweide los? Nordwestdeut. Imkerztg. 4:193-194. (Cont.) June 1952. 424.8 N753

82612 GOMES, P. Hevea rubber for Brazil. (In Portuguese.) Bras. Açucareiro 39:73-75. Jan.1952. 65.8 B73

82613 GRIEBL, H. Ausdauernde schlinggewächse als bienenweidepflanzen. Osterr. Imker 2:88-89. May 1952. 424.8 Os7

82614 GRIEBL, H. Bauernimker, denk jetzt an die bienenweide und lass der sense den pflug folgen! Osterr. Imker 2:112-113. June 1952. 424.8 Os7
Phacelia tanacetifolia.

82615 HARLER, C. R. Science serves the tea industry. Coffee & Tea Indus. 75(7):41,50. (Cont.) July 1952. 389.8 Sp4
Culture.

82616 HEKKERT, G. J. From virgin forest to rubber plantation. (In Dutch.) In Beekman, W. B. Hout in alle tijden, v. 4, p.233-258. Ref. Djakarta,Kluwer,1952. 99.79 B39

82617 HOMBERGER, E. El conacaste. Café de El Salvador 22:163-164. Mar.1952. 68.28 C112
A legume for shading coffee.

82618 ILLANKOON, R. L. Tea small holdings advisory service. Ceylon. Tea Res. Inst. Tea Q. 23:18-22. Mar.1952. 68.18 C33

82619 JAGOE, R. B. "Deli" oil palms and early introductions of Elaeis guineensis to Malaya. Malayan Agr. J. 35:3-11. Jan.1952. 22.5 F312

82620 JAGOE, R. B. The "dumpy" oil palm. Malayan Agr. J. 35:12-21. Jan.1952. 22.5 F312

82621 KOSTIUK, S. In the effort for rubber. (In Russian.) Molod. Kolkhoz. 19(6):9-10. June 1952. 110 M73
Kok-saghyz culture in White Russia.

82622 KRUG, C. A. Let us save the coffee industry of São Paulo. (In Portugese.) Sao Paulo Supt. des Serv. de Café. B. 27:308-312. Apr.1952. 68.29 Sa63

82623 LEVI-STRAUSS, C. The use of wild plants in tropical South America. Econ. Bot. 6:252-270. Ref. July/Sept.1952. 450 Ec7

82624 LEWY VAN SEVEREN, M. Las haciendas de café de El Salvador descartan una vieja práctica. Café de El Salvador 22:185-186. Mar.1952. 68.28 C112

82625 MACKAY, W. S. S. Planting controversies. Planters' Chron. 47:259-261. May 15,1952. 22 P693
Pruning tea.

82626 MARTINEZ CROVETTO, R. Algunas plantas interesantes cultivadas en Misiones. Argentina. Dir. Gen. de Invest. Agr. Rev. de Invest. Agr. 5:281-285. July 1951. 9 R329

82627 MATURANA, A. La tuna (Opuntia ficus indica) Mill. varied. inermis. Bolsa de Com. Rosario. Rev. 40(969):3-4. May 31,1952. 287 R71

82628 MEAD, R. M. The trace minerals and honey plants. Amer. Bee J. 92:338. Aug.1952. 424.8 Am3

82629 MENDES, G. E. T. Directions for making a coffee plantation. (In Portuguese.) São Paulo.Supt. dos Serv. do Café. B. 27:405-407. May 1952. 68.29 Sa63

82630 MENDOZA M., A. B. Nuestro sistema de cultivar el café y la poda Colombia. Café 13:2-3. Apr. 1952. 68.29 In7
Ecuador.

82631 MORGAN, S. Hop for a backdrop. Herb. Grower Mag. 6:118-121. July/Sept.1952. 80 Am316

82632 MUELLO, A. C. El piretro, insecticida que merece difundirse. Pampa Argentina 24(284):20-21. Aug.1951. 9 P19
Chiefly on culture of the plant.

82633 NARASIMHASWAMY, R. L. Glimpses of Shevaroys coffee. Indian Coffee 16:74-77. Apr.1952. 68.29 In22M

82634 ORTEGA, P. Más sobre la poda de las raíces el cafeto. Comt. Nac. de Café. B. 5:563-568. Oct./Dec. 951. 68.29 C732

82635 PEETERS, F. J. Do our trees possess medicinal properties? (In Flemish.) Cult. en Handel 18:421-422. July 1952. 80 C892

82636 REBOLLEDO CLEMENT, J. El café en el Estado de Veracruz. Rev. Cafetal. de Guatemala 7(56): 46-51. Dec.1951. 68.28 R322

82637 REGO, I. B. Plantas medicinales de la flora argentina. Pampa Argentina 24(284):17. (Cont.) Aug. 1951. 9 P19

82638 RUEGGER, R. Plantes melliferes et pollinifères: l'Aster. J. Suisse d'Apicult. 48:260-261. Sept. 1951. 424.9 So1

82639 SANTA ROSA, J. The pereiro [Aspidosperma pirifolium], wild plant of the drought region of Brazil, and its wax. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:312-315. Ref. 1949,pub.1951. 279.9 Un32P

82640 SANTA ROSA, J. Wild plants of the semi-arid region of Brazil and their industrial utilization. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:70-75. Ref. 1949,pub.1951. 279.9 Un32P

82641 SETZER, J. The ecology of coffee. (In Portugese.) Sao Paulo Supt. des Serv. de Café. B. 27:313-322. Apr.1952. 68.29 Sa63

82642 TALLARICO, G. A prodigious plant: the mastic tree. (In Italian.) Italia Agr. 89:293-298. May 5, 1952. 16 It1
Pistacia lentiscus.

82643 TESTA, J. The "old" zones of today will be the "new" ones of tomorrow. (In Portuguese.) Sao Paulo Supt. des Serv. de Café. B. 27:305-306. Apr.1952. 68.29 Sa63

82644 THIELE, H. Pflanzt für jedes bienevolk vier nacheinander blühende weidenkätzchenbüsche! Deut. Bienenwirt. 3:51-52. Mar.1952. 424.8 D489

82645 TORRES GARCIA, V. Aumente la producción de sus cafetales. Tierra [México] 7:370-372. June 1952. 8 T445
Mexico.

82646 UNITED PLANTERS' ASSOCIATION OF SOUTHERN INDIA. SCIENTIFIC DEPT. TEA SECT. Annual administration report for 1950-1951. Madras, 1951. 30 p. 68.19 Un3

82647 VALLAEYS, G. Le bouturage du cacaoyer. Inst. Natl. pour l'Etude Agron. du Congo Belge. B. d'Inform. 1:103-122. Ref. In Belgium. Min. des Colon. B. Agr. du Congo Belge 43(2). June 1952. 24 K83

82648 VAROSSIEAU, W. W. Rubber, gutta-percha and balata producing plants. (In Dutch.) In Beekman, W. B. Hout in alle tijden, v. 4, p.189-232. Ref. Djakarta,Kluwer,1952. 99.79 B39

82649 VELASQUEZ B., R. El cultivo del cacao. Comt. Nac. de Café. B. 5:599-618. Oct./Dec.1951. 68.29 C732

82650 VILANOVA M., T. Semilleros y almacigueras. Café de El Salvador 22:173-175. Mar.1952. 68.28 C112
Coffee.

82651 WARD, F. W. Wild tea—does it exist? Tea Trade & Indus. 1:135-136. Mar.1952. 68.18 T225

82652 WEBER, U., and STAHL, E. Die erkennung von "indischem traganth," dem gummi von Sterculiaarten. Deut. Apoth.-Ztg. 92:432-435. Ref. June 13,1952. 396.8 Su2
Includes discussion of the plant.

82653 YAMAMURA, Z. Food gleaned from fields and mountains. (In Japanese.) Nōrin Jihō 11(5):32-34. May 1952. 22.5 N772

SOILS AND FERTILIZERS

SOIL SCIENCE

82654 BALFOUR, E. The Soil Association. Mother Earth 6(3):35-47. Ref. July 1952. 56.8 M85
Great Britain.

82655 MOLFINO, R. H. Reseña historica de los trabajos sobre suelos, realizados por el Ministerio de Agricultura, desde su fundación, 1898-1948. Argentina. Inst. de Suelos y Agrotec. Tirada Int. 21,12 p. Feb.11, 1952. 9 Ar32

82656 PENTON, A. Probe into your soil. Org. Farmer 4:17,52. Aug.1952. 57.8 Or3

82657 RODRIGUEZ, M., and BIANCHI JORDAN, L. Levantamiento agrologico sumario y condiciones de fertilidad de los suelos de la Zona "3." Agronomia [Lima] 17(69):67-69. May/June 1952. 9.8 Ag83

82658 RODRIGUEZ E., M., MERINO, A., and PASQUEL, R. Levantamiento agrológico sumario y condiciones de fertilidad de los suelos del Centro Nacional de Investigacion y Experimentacion Agricola de La Molina: Zona "2." Agronomia [Lima] 17(69):63-66. May/June 1952. 9.8 Ag83

82659 SHADRINA, Z. F. Pochvy Novosibirskoi oblasti [Soils of Novosibirsk Region]. Novosibirsk, Novosibirskoe Obl. Gos. Izd-vo,1951. 59 p. (Novosibirsk Region. Upravlenie sel'skokhoziaĭstvennoĭ propagandy. Posobie dliâ trekhletnikh agrozootekhnicheskikh kursov massovogo kolkhoznogo obucheniîâ. vyp. 3) 20 N853

82660 TORRES FILHO, A. Creation of the Soils Institute of Brazil. (In Portuguese.) Lavoura 56:27,29-31. Mar./Apr.1952. 9.2 L39

82661 TORRES FILHO, A. Soils Institute. (In Portuguese.) Agronomia [Rio de Janeiro] 10:261-267. Oct./Dec.1951. 9.2 Ag892
Suggested for Brazil.

Soil Physics

82662 BAKHTIN, P. U. Physical maturity of the soil and plowing speed. (In Russian.) Pochvovedenie 5:461-473. Ref. May 1952. 57.8 P34

82663 BUTIJN, J. The utilisation of the water resources of some Zeeland types of soil. (In Dutch.) Boor en Spade 5:159-166. 1952. 56.9 B64
English summary.

82664 CALCAGNO, J. E., and PREGO, A. J. Almacenamiento y conservación de la humedad en tierras en Barbecho en General Pico (La Pampa). (Extr.) Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(30):6. Dec.1951. 9 Ar35

82665 CHATELIER, P. A. Krilium. Green Thumb [St. Petersburg] 2(8):8-9,22. June/July 1952. 80 G822

82666 COOPER, R. Soil structure and fertility; some comments upon the possible significance of krilium. Rev. River Plate 112(3117):24-26. July 18,1952. 286.8 R32

82667 DEUEL, H. Künstliche bodenkrümelung. Schweiz. Landwirt Monatsh. 30:145-152. Ref. Apr.20, 1952. 17 Sch93
Krilium.

82668 ENNIG. Au sujet du krilium. Indus. Chim. 39:194. July 1952. 383 In2

82669 GALVEZ, N. L., and PAGADOR, F. R. Some physical and chemical properties of forest and cultivated soils. Philippine Agr. 35:41-46. June 1951. 25 P542

82670 HEDRICK, R. M., and MOWRY, D. T. The improvement of soil structure by synthetic polyelectrolytes. Chem. & Indus. 27:652-656. Ref. July 5,1952. 382 M31C
Agricultural soils.

82671 KOHL, H. C. Krilium for shade trees? Shade Tree 25(4/5):2. Apr./May 1952. 99.8 Sh1

82672 KVARATSKHELIA, N. T. Effect of grasses and legumes on the improvement of air and water regime of Podzolic soils in the subtropics. (In Russian.) Vsesoiûzn. Akad. Sel'skokhoz. Nauk im: V. I. Lenina. Dok. 17(6):34-37. 1952. 20 Ak1

82673 LAING, H. R. Making soil with natural and synthetic resins and gums. Mega 12(3):42-44. May 1952. 90.32 M52B

82674 LUNT, O. R., and RICHARDS, S. J. The oxygen and water relations of nursery soils. Pacific Coast Nurseryman 11(7):15,26-28. July 1952. 80 P116

82675 MALQUORI, A. On the evaluation of soil structure stability. (In Italian.) Ann. della Sper. Agr. (n.s.)6:559-570. 1952. 16 An76
English summary.

82676 MANCHESTER, H. Krilium and its rivals. Harper's Mag. 205(1228):44-49. Sept.1952. 110 H23

82677 MARTIN, W. P., and PARKS, R. Q. What about krilium and other soil-aggregating chemicals? Crops & Soils 4(9):17-18,46. Aug./Sept.1952. 6 W55

82678 ROBINS, J. S. Some thermodynamic properties of soil moisture. Soil Sci. 74:127-139. Ref. Aug.1952. 56.8 So3

82679 RODALE, J. I. The menace of chemical soil conditioners. Org. Farmer 4:11-13,48-51. Aug.1952. 57.8 Or3

82680 STOYANOV, J. Materialien zur untersuchung der schwankungen der bodenfeuchtigkeit unter verschiedenen pflanzdecken. (In Bulgarian.) Bulgarska Akad. na Nauk. Biol. Inst. Izv. 2:121-137. Ref. 1951. 442.9 B87
German summary.

82681 VEENENBOS, J. S. Landscape formation and the depth of man-made soils in the pleistocene in the North of the Netherlands in connection with the natural drainage conditions. (In Dutch.) Boor en Spade 5:149-155. 1952. 56.9 B64
English summary.

82682 YOHE, R. S. Soil conditioners—be sure of what you're buying; all haven't had unbiased tests. Prairie Farmer. Gen. Ed. 124(15):32-33. Aug.21952. 6 P883

Soil Chemistry and Mineralogy

82683 BALKS, R. Bodenuntersuchung und bodenfruchtbarkeit. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 1205-1206. Aug.7,1952. 18 L2346

82684 BARANOVSKAIA, A. B. Analysis of quantity and composition of organic matter in the soils of Kaliningrad Region. (In Russian.) Pochvovedenie 5:434-442. Ref. May 1952. 57.8 P34

82685 BEL, B., and DENIZOT, H. Appréciation de la matière organique (et de l'azote) dans les sols non calcaires, par le permanganate à froid. Acad. d'Agr. de France. Compt. Rend. 39,i.e.38:394-397. May 28/June 4,1952. 14 P215Bc

82686 BOKEN, E. On the effect of storage and temperature on the exchangeable manganese in soil samples. Plant & Soil 4:154-163. June 1952. 450 P696

82687 CALZADA B., J. Análisis de las tierras cultivadas de la Costa y Sierra. Agronomia [Lima] 16 (68):53-64. Nov.1951/Jan.1952. 9.8 Ag83

82688 CHEN, C. T., CHANG, J. M., and WEI, C. T. A study on the application of calcium cyanamide to soils. (II). (In Chinese.) Agr. Res. 2(3):32-46. Sept.1951. 22.5 Ag823
English summary.

82689 CHIOETTO, R. Fixation of phosphate in the soil. (In Italian.) Indus. Sac. Ital. 45:76-81. Mar./Apr. 1952. 65.8 In23

82690 COLEMAN, N. T. A thermochemical approach to the study of ion exchange. Soil Sci. 74:115-125. Ref. Aug.1952. 56.8 So3

82691 CORNFIELD, A. H. The mineralization of the nitrogen of soils during incubation: influence of pH, total nitrogen, and organic carbon contents. J. Sci. Food & Agr. 3:343-349. Aug.1952. 382 So12

82692 COULTER, J. K. "Gelam" soils—a study of their sulphur content. Malayan Agr. J. 35:22-35. Jan. 1952. Ref. 22.5 F312

82693 DEMOLON, A., and BOISCHOT, P. Réaction des sols à l'apport d'acide phosphorique et son influence sur la fixation de la fumure. Chim. & Indus. 68:53-54. July 1952. 383 C42

82694 DEUEL, H. Das verhalten der nährstoffe, besonders der spurenelemente im boden. Auslaugung usw. Schweiz. Arch. f. Tierheilk. 94:443-444. July 1952. 41.8 Sch9

82695 ERIKSSON, E. Cation-exchange equilibria on clay minerals. Soil Sci. 74:103-113. Ref. Aug.1952. 56.8 So3

82696 GATHERON, J. M. L'analyse des sols et la vulgarisation des techniques de la fumure. France. Min. de l'Agr. B. Tech. d'Inform. 70:335-345. June 1952. 14 F844B

82697 GORING, C. A. I., and BARTHOLOMEW, W. V. Adsorption of mononucleotides, nucleic acids, and nucleoproteins by clays. Soil Sci. 74:149-164. Ref. Aug. 1952. 56.8 So3

82698 GURAY, A. R. Soil conditions in the Y-polders. (In Dutch.) Boor en Spade 5:1-92. Ref. 1952. 56.9 B64
English summaries.
Chapter 2, p. 29-84 has title: An investigation between soil and yields of sugar beet in the Haarlemmermeer and the Y-polders in 1949.

82699 IYER, C. R. H., RAJAGOPALAN, R., and PILLAI, S. C. Soil conditions as affected by tannery waste waters. Indian Inst. Sci. J. Sect. A 34:163-178. Apr.1952. 513 In23

82700 JAMINET, R. Considérations générales sur l'étude des sols des périmètres irrigables du Maroc. Terre Marocaine 26:249-253. July 1952. 24 T44

82701 JENSEN, S. T. Calcium adsorption and lime loss from leaching in soils. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:213-216. 1949, pub.1951. 279.9 Un32P

82702 JIMÉNEZ DE ABELEDO, M. E. Estudio de arcillas argentinas. II. Cien. e Invest. 8:232-233. May 1952. 475 C482

82703 KELLER, W. D., and FREDERICKSON, A. F. Role of plants and colloidal acids in the mechanism of weathering. Amer. J. Sci. 250:594-608. Ref. Aug.1952. 470 Am34

82704 MALQUORI, A., STRADAIOLI, G., and PERICI, E. Available boron and cultivated soil. (In Italian.) Ann. della Sper. Agr. (n.s.)6:571-589. Ref. 1952. 16 An76
English summary.

82705 PAAUW, F. VAN DER, CREMER, L. C. N. DE LA L., and RIS, J. Toetsing van grondonderzoek naar fosfaattoestand op nederlands grasland; verslag van een in interprovinciaal verband verricht onderzoek, Evaluation of soil testing on availability of phosphate on Dutch grasslands. Netherlands. Dir. van de Landb. Verslagen van Landbk. Onderz. 57(15),67 p. 1951. 105.2 V61V
English summary.

82706 RIOS B., B. Valor del pH en los suelos de cultivo peruanos. Agronomia [Lima] 17(69):40-43,45-50. May/June 1952. 9.8 Ag83
English summary.

82707 ROJAS CRUZ, L. A. Suelos de la sabana de Bogotá. VI. Agr. Trop. 8(7):47-54. Ref. July 1952. 26 Ag8
Analysis.

82708 STÄHLBERG, S. The distribution of K, Na, Ca and Mg in the Marsta hydrologic clay series. Acta Agr. Scand. 2:11-42. Ref. 1952. 11 Ac82

82709 SVANBERG, O. Soil analysis and fertilizing. (In Swedish.) Nord. Jordbrforsk. 34:60-75. 1952. 11 N752
English summary.

82710 TKATCHENKO, B. Interprétation succincte des résultats d'analyse. Agron. Trop. [Nogent-sur-Marne] 7:288. May/June 1952. 26 Ag86
Wallis Islands soils.

82711 TURNER, R. C., and RICE, H. M. Role of the fluoride ion in release of phosphate adsorbed by aluminum and iron hydroxides. Soil Sci. 74:141-148. Ref. Aug.1952. 56.8 So3

Soil Biology

82712 ALTEN, F. Zum letzten male: "vaccinedüngung." Deut. Landwirt.-Gesell. Mitt. 67:523. July 19, 1952. 18 N39

82713 ARAUJO, W. A. DE, ILCHENKO, W., and SEILER, F. E. E. Formation of FeO under anaerobic conditions in soils of the State of Minas Gerais. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1: 34-37. Jan.1952. 9.2 M663

82714 CASTAGNOL, E. M., and NGUYEN-CONG-VIEN. Etude de la flore microbienne des sols du Tonkin. Arch. des Rech. Agron. au Cambodge, au Laos et au Viêtnam 11,54 p. 1951. 22.5 Sa22

82715 COPPIER, O., and BARJAC, H. DE. De la richesse d'un sol en microorganismes nitrificateurs. Inst. Pasteur Ann. 83:118-125. July 1952. 448.3 An75

82716 FLAIG. Bodenmikroorganismen im elektronenmikroskop. Landbforsch. Völkenrode 2:51-53. July 1952. 18 L2353

82717 FRANCKE. Welche kleintiere kommen nun im boden vor? Praxis u. Forsch. 4:88-89. July 20, 1952. 18 P89

82718 FREISCHMIDT, K. Jüngstes haustier, der regenwurm; wichtiger helfer beim bemühen um bodenverbesserung. Übersicht 3(6):50-53. June 1952. 18 Ub3

82719 GLATHE. Antibiotische stoffe in der landwirtschaft. Landbforsch. Völkenrode 2:53-55. July 1952. 18 L2353
In soils.

82720 GRAFF. Unsere gehilfen bei der düngerbereitung: die kleintiere. Landbforsch. Völkenrode 2:58-59. July 1952. 18 L2353
In compost preparation.

82721 GRETSCHY, G. Die sukzession der bodentiere auf fichtenschlägen. Bundesanst. f. Alpine Landwirt. Veröffentl. 6:25-85. Ref. 1952. 19 Ad6

82722 GROSPIETSCH, T. Die rhizopodenanalyse als hilfsmittel der moorforschung. Naturwissenschaften 39:318-323. Ref. 1952. 474 N213
Germany.

82723 KALINENKO, V. O. On the structure of Bacillus mycoides. (In Russian.) Mikrobiologiia 21:171. Mar./Apr.1952. 448.3 M582

82724 KOIKE, H., and GAINEY, P. L. Effects of 2,4-D and CADE, singly and in combination, upon nitrate and bacterial content of soils. Soil Sci. 74:165-172. Ref. Aug.1952. 56.8 So3

82725 MISHUSTIN, E. N. Scientific principles of controlling soil processes (in regard to the results of the Conference on Problems of Soil Microbiology). (In Russian.) Priroda 41(3):88-90. Mar.1952. 410 P933

82726 MORENO, A. F. Lombriz de tierra. Res 20: 27093-27094. June 21,1952. 286.85 R31

82727 ORDIN, A. P. Antagonism of soil fungi from the genus Penicillium in relation to phyto-pathogenic bacteria. (In Russian.) Mikrobiologiia 21:192-199. Ref. Mar./Apr.1952. 448.3 M582

82728 RÄMSCH, H. Grundsätzliches zur knöllchenbildung der leguminosen. Deut. Landwirt. 3:309-311. June 1952. 18 D4822

82729 RUSCH, H. P. Zur vaccine-düngung. Deut. Landwirt.-Gesell. Mitt. 67:505-506. July 12,1952. 18 N39

82730 SAZONOV, P. V., and FEDOROVA, I. N. Effect of DDT and benzene hexachloride on [soil] bacteria. (In Russian.) Vsesoiùzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(5):39-41. Ref. 1952. 20 Ak1

82731 SHKLIAR, M. Z. Reciprocal effect of Azotobacter [chroococcum] and Clostridium pasteurianum in a mixed culture. (In Russian.) Vsesoiùzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):148-153. 1951. 448.39 L54

82732 SHTATNOV, V. I. In regard to methods of determining the biological activity of soil. (In Russian.) Vsesoiùzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(6):27-33. 1952. 20 Ak1

82733 TALLARICO, G. Soil is the tomb of pathogenic microbes. (In Italian.) Humus 8(4):10-11. May 1952. 16 H88

82734 TEIXEIRA, L. P. Vitality of the soil. (In Portuguese.) Seleç. Agr. 7(72):47-49. Apr.1952. 9.2 Se4
Biology.

82735 VIRTANEN, A. I., and SAUBERT-VON-HAUSEN, S. A method for determining in pea cultures, the amount of molecular nitrogen fixed and the amount of combined nitrogen taken up from the soil. Plant & Soil 4:171-177. June 1952. 450 P696

82736 WILCKE, D. E. Zur "domestikation" des "soilution-earthworm." Anz. f. Schädlingsk. 25:107-109. Ref. July 1952. 421 An9

82737 WINITZKY, J. Las especies de "Aspergillus" en muestras de tierra y aire de la "Estepa Pampeana." Argentina. Dir. Gen. de Invest. Agr. Rev. de Invest. Agr. 5:303-316. July 1951. 9 R329

Soil-Plant-Animal Relationships

82738 BRADY, M. Soil, food and the housewife. Mother Earth 6(3):26-30. July 1952. 56.8 M85
Soils-plant-animal relations.

82739 HEADAPOHL, M. Health from the soil. Org. Farmer 4:14-16,51-52. Aug.1952. 57.8 Or3

82740 LEHR, J. J. Effect of fertilizing on the mineral composition of plants for cattle feeding. (In Dutch.) Netherlands. Dir. van de Landb. Landb. 13:52-84. Ref. 1951. 12 N384

82741 MAIER-BODE, F. W. Satt die pflanze—satt der mensch. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1093-1094. July 17,1952. 18 L2346

82742 STAMM, T. T. The most promising field for preventive medicine. Mother Earth 6(3):31-32. July 1952. 56.8 M85
Soils-plant-animal relations.

82743 TALLARICO, G. Vegetables and health. (In Italian.) Gior. di Agr. 62:221. July 20,1952. 16 It1G
Effects of soils on nutritive value of the plants.

82744 THOMASSET, L. La fertilidad del suelo. Shorthorn 13(67):31. Jan./Mar.1952. 43.8 Sh84

82745 WALSH, T., NEENAN, M., and O'MOORE, L. B. Molybdenum in relation to cropping and livestock problems under Irish conditions. Nature [London] 170: 149-150. July 26,1952. 472 N21

Soil Genesis, Formation, Classification, and Mapping

82746 ACARLA, A. H., and STEUR, G. G. L. Soil survey of some polders in the environments of Willemstad. (In Dutch.) Boor en Spade 5:93-102. Ref. 1952. 56.9 B64
English summary.

82747 BOLYSHEV, N. N. Origin and evolution of soils of "takyrs." (In Russian.) Pochvovedenie 5:403-417. Ref. May 1952. 57.8 P34

82748 CROCKER, R. L. Soil genesis and the pedogenic factors. Q. Rev. Biol. 27:139-168. Ref. June 1952. 442.8 Q2

82749 CROMMELIN, R. D., and MAARLEVELD, G. C. Fluvioglacial clay from the north of the Veluwe. (In Dutch.) Boor en Spade 5:118-125. 1952. 56.9 B64
English summary.

82750 DOBRZAŃSKI, B., and ZAWADZKI, S. The soils of the Scientific-Experimental Station at Felin. (In Polish.) Lublin. U. M. Curie-Skłodowskiej. Ann. Sect. E 6:231-252. Ref. 1951. 512 L96Ae
English summary.

82751 GAROLA, J. Contribution a l'étude du limon en Eure-et-Loir. Acad. d'Agr. de France. Compt. Rend. 39:358-359. May 14/21,1952. 14 P215Bc

82752 GUILLOTEAU, J. Knowledge of tropical soils. Sols Africains 2:61,63,65,67,69,71,73,75,77,79. Jan./Apr.1952. 56.8 So4
Text also in French.

82753 HOVDE, O. The marshes in Nesset and part of the Vefy district. (In Norwegian.) Norske Myrselsk. Meddel 50:123-129. June 1952. 11 N813
Soil survey.

82754 KUHNHOLTZ-LORDAT, G. L'état des sections et la cartographie parcellaire des aires d'appellation. France. Min. de l'Agr. B. Tech. d'Inform. 70:347-350. June 1952. 14 F844B

82755 MUIR, A. Soil survey in relation to soil productivity. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:125-126. Ref. 1949,pub.1951. 279.9 Un32P

82756 POULSON, E. N., and SWARNER, L. R. The evolution of land classification. Reclam. Era 38:133, 144,154-155. June 1952. 156.84 R24

82757 POULSON, E. N., and SWARNER, L. R. How land is surveyed. Reclam. Era 38:194-196. Aug.1952. 156.84 R24

82758 ROJAS CRUZ, L. A. Suelos de la sabana de Bogotá. V. Agr. Trop. 8(6):27-30. June 15,1952. 26 Ag8

82759 SCHELLING, J. Een bodemkartering van Noord-Limburg, (gemeenten Ottersum, Gennepen Bergen). A soil survey of Northern Limburg, (municipalities Ottersum, Gennep and Bergen). Netherlands. Dir. van de Landb. Verslagen van Landbk. Onderz. 57(17),139 p., and atlas. Ref. 1951. 105.2 V61V
English summary.

82760 SCHMID, M., LA SOUCHERE, P. De, and GODARD, D. Les sols et la végétation au Darlac et sur le plateau des Troi-Frontières. Arch. des Rech. Agron. au Cambodge, au Laos et au Viêtnam 8,107 p. 1951. 22.5 Sa22

82761 SETZER, J. General soil conditions of southern Brazil. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:136-138. 1949,pub.1951. 279.9 Un32P

82762 WATENPAUGH, H. N. What class land? Reclam. Era 38:164-166. July 1952. 156.84 R24

82763 WRIGHT, A. C. S., and others. Soils and their utilization, Green Island, Kaitangata District. New Zeal. Dept. Sci. & Indus. Res. Soil Bur. B. (n.s.)6,36 p. 1951. 56.9 N483
J. Richards, W. R. Lobb, and R. B. Miller, joint authors.

SOIL MANAGEMENT

82764 ALONSO MUNOZ, A. La mecanización agricola y la ganaderia. B. de Divulg. Ganad. [Ciudad Real] 7 (67/69):22-26. Jan./Mar.1952. 49.9 Sp14

82765 BROWNING, A. R., and BAUMGART, I. L. Soil changes on an Auckland property following intensive cultivation. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 34:92-96. June 1952. 514 N48A

82766 DEITEMEYER, C. Sweet soil from plain dirt. Nebr. Farmer 94(15):1,7,28. Aug.2,1952. 6 N27

82767 DONATELLI, I. History of a mountain reclamation project. (In Italian.) Monti e Boschi 3:272-276. June 1952. 16 M76
Italy.

82768 ELLIS, H. Successful experiment in peasant farming; encouraging results obtained on native trust project in Natal after one year of sound land use. Farmer's Wk. [Bloemfontein] 83:53,55. July 16,1952. 24 F225
Chiefly soil management.

82769 FOX, A. C. What is a watershed? N. Dak. Outdoors 15(2):12-13. Aug.1952. 412.9 N815

82770 GUILLAUME, M. Reclamation of new lands for agriculture—potentialities and problems in tropical regions. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:570-585. Ref. 1949,pub.1951. 279.9 Un32P

82771 HANCOCK, R. C. G. The Soil Association and the practising veterinary surgeon. Mother Earth 6(3): 19-20. July 1952. 56.8 M85

82772 HILL, R. G. JR. Sod cover for peach orchards helps utilize eroded areas for production. Ohio Farm & Home Res. [Ohio Sta.] 37:53,67. July/Aug.1952. 100 oh3S

82773 KARRAKER, P. E. Productive soil. Ky. Agr. Col. Ext. C. 468,rev.,39 p. Mar.1952. 275.29 K415
Plant nutrient elements and soil management.

82774 LEBEDEV, IU. P. Fundamental ways of reclaiming the saline soils of Kara Kul-Bukhara Oasis. (In Russian.) Pochvovedenie 5:418-425. Ref. May 1952. 57.8 P34

82775 MARIANO, J. A. Crop adaptability and soil management problems in South Koronadal Valley, Cotabato. Soil Sci. Soc. Philippines J. 4:112-115. Second Q. 1952. 56.9 So35

82776 MARSH, A. Notable example of land reclamation. Farm & Mach. 3(20):10-11. Jan.1952. 58.8 F2294
Sub-marginal land.

82777 MAYALL, S. Farmers and the Soil Association. Mother Earth 6(3):15-18. July 1952. 56.8 M85
Great Britain.

82778 MIÈGE, E. The reclamation and utilization of new lands in Morocco. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:616-619. 1949,pub. 1951. 279.9 Un32P

82779 MOHRMANN, K. J. M. Reclaimed peat soils and their agricultural importance. Soil Sci. 74:57-68. July 1952. 56.8 So3
Netherlands.

82780 MUKHERJEE, J. N. Improving soil productivity: tropical climates. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:233-238. Ref. 1949, pub.1951. 279.9 Un32P
Soil management.

82781 NAJMR, S. Pedological problems of the ley-crop system. (In Serbo-Croatian.) Masarykovy Akad. Práce. Sborn. 25:539-555. 1951. 510 P885
English summary.

82782 NEAL, O. R. Effects of land resting on conservation and productivity of vegetable-growing soils. Agron. J. 44:362-364. Ref. July 1952. 4 Am34P

82783 NEWPORT, VISCOUNT. Why we need a soil association. Mother Earth 6(3):13-15. July 1952. 56.8 M85

82784 NOY, J. The effect of organic matter on soil structure. Hassadeh 32:340-342. Apr.1952. 26 H27
In Hebrew.

82785 OGG, SIR W. G. Improving soil productivity: temperate climates. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:209-213. 1949,pub.1951. 279.9 Un32P
Soil management.

82786 PENDLETON, R. L. Improving soil productivity in south-eastern Asia and the Indies. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 258-264. Ref. 1949,pub.1951. 279.9 Un32P
Soil management and fertilization practices.

82787 RODALE, R. What is organic gardening? Org. Gard. 20(8):14-15. Aug.1952. 56.8 Or3

82788 SCHUSTER, I. The Benedictine monks first pioneers of agricultural reclamation. (In Italian.) Agricoltura 1(6):50-52. June 1952. 16 Ag8226
Europe.

82789 SETHI, D. R. Land reclamation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 566-569. 1949,pub.1951. 279.9 Un32P
India.

82790 SHANKS, B. The rat race in artificial fruit production. Org. Farmer 4:26-27. Aug.1952. 57.8 Or3
Chemical methods versus organic farming.

82791 SNIDER, H. J. A new angle to an old problem. Org. Farmer 4:18-19. Aug.1952. 57.8 Or3
Putting organic matter in the soil.

82792 TURNER, E. What the Soil Association offers to the specialist. Mother Earth 6(3):33-34. July 1952. 56.8 M85
Great Britain.

82793 VALDEYRON, C. Possibilities and problems in the reclamation of land in central and southern Tunisia for rational agricultural use. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:610. 1949,pub.1951. 279.9 Un32P

82794 VAN CLUTE, J. Bonanza in brushland. Org. Farmer 4:28-29,55-58. Aug.1952. 57.8 Or3
Organic farming in Washington.

82795 VRIES, E. DE, and BEUKERING, J. A. VAN. Reclamation of new lands for agriculture; potentialities and problems. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:563-566. 1949,pub.1951. 279.9 Un32P

Soil Fertility

82796 AHRER, K. ERP-düngekalkaktion. Bauer 5 (26):9. July 26,1952. 19 B32
For Austria.

82797 AHRER, K. Futter- und zuckerrüben reichlich düngen. Bauer 5(4):13-14. Jan.26,1952. 19 B32

82798 ALBRECHT, W. A. Pastures and soils. Corn Belt Livestock Feeder 4(10):6-10. July 1952. 280.38 C81

82799 ANTICHAN, C. Les plantes de couverture dans la protection du sol en verger Guinéen. Fruits 7:339-341. July 1952. 80 F9492

82800 APPLETON, J. M. Forages to meet today's needs. Farm Equip. Dealer 8(5):43-44,46,48. May 1952. 58.8 F2224
Soil fertility.

82801 ARGUELLES, J. S. Utilization of phosphate fertilizers. (In Portuguese.) Granja [Porto Alegre] 8 (60/61):59-62. Mar./Apr.1952. 9.2 G76

82802 AVALL, H. Fertilizing peas for canning with nitrogen. (In Swedish.) Lantmannen 36:575-576. July 19,1952. 11 L234

82803 BARRET, J. Le problème de l'humus et l'évolution des techniques agricoles dans les pays de la Moyenne-Garonne. France. Min. de l'Agr. B. Tech. d'Inform. 71:425-429. July 1952. 14 F844B

82804 BERENDES, P. Die verbesserung des grünlandes durch düngergaben. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1171-1172. July 31,1952. 18 L2346

82805 BONAZZI, A. Estudios sobre la fisiología del tabaco. V. Relaciones entre el suelo y las cualidades industriales del tabaco rubio en él cultivado. Acta Cient. Venezol. 3:14-22. Ref. Jan./Feb.1952. 475 Ac83
English summary.

82806 BOSCHI, V. The nature and composition of Modena plain soils in relation to new grape plantings. (In Italian.) Campagnolo, June 1952(spec.no.):43-44. 16 C15

82807 BOTTCHER, K. Ein beitrag zur bodenfruchtbarkeit. Deut. Landwirt. 3:302-304. June 1952. 18 D4822

82808 BRADFIELD, R. Getting top returns from nitrogen in the Northeast. Victory Farm Forum 45:15. Aug.1952. 281.8 F226
Grain fertilizer.

82809 BROMFIELD, L. How I get organic matter—quick! Successful Farming 50(8):31-33,60-61. Aug.1952. 6 Su12

82810 BRUIN, P., and others. Possibilities of improving the fertility of the soil in the Netherlands by more rational application of lime, inorganic and organic manures and by improvement of its texture. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 217-220. 1949,pub.1951. 279.9 Un32P
G. M. Castenmiller, E. G. Mulder, F. v. d. Paauw, and M. L. 't Hart, joint authors.

82811 BUCHER, R. Beitrag zur reihenkopfdüngung von zuckerrüben. Zucker 5:175-179. Apr.15,1952. 65.8 Z82

82812 BURTON, G. W., and STEPHENS, J. L. Fertilizing Coastal Bermuda for hay and pasture. Victory Farm Forum 45:4-5. Aug.1952. 281.8 F226

82813 CHAMINADE, R. Quelques conceptions relatives à la fertilité des sols. Colon Franç. de Tunisie (ser.7)45(2249):1,4. June 28,1952. 24 C712

82814 CHANG, S. C., and HUANG, K. S. Demonstration on liming the acid rice paddy soils for the second crop of 1950 and the first crop of 1951. Agr. Res. 2(3):47-52. Sept.1951. 22.5 Ag823
English summary.

82815 CHEKALOV, K. I. Perennial grasses and legumes as a factor in adapting Podzolic soils for cultivation. (In Russian.) Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(6):23-26. 1952. 20 Ak1

82816 CHEVALIER, G. La recalcification des sols en Algérie. Elevage et Cult. 4(42):5-6. June 1952. 24 EL2

82817 CHIZHEVSKII, M. G., and KULAKOV, E. V. On joint application of organic and mineral fertilizers. (In Russian.) Pochvovedenie 5:443-450. Ref. May 1952. 57.8 P34
Experiments with field crops.

82818 CHRISTENSEN, P. D., and LYERLY, P. J. Cotton yields in the El Paso Valley as influenced by applications of ammonium nitrate and superphosphate. Tex. Agr. Expt. Sta. Prog. Rpt. 1395,2 p. Aug.21,1951. 100 T31P

82819 COLON, I. A. La planta, el aire y el suelo. 4. Rev. del Café 7(12):9-11,13. Ref. June 1952. 8 R3295
Principles of soil fertility.

82820 COOPER, J. O. Alabama experience with alfalfa. Ala. Farmer 31(8):6,8. May 1952. 276.8 AL1
Fertilizer recommendations for establishing alfalfa.

82821 CROWTHER, E. M. Field experiments as the basis for planning fertilizer practice. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:221-224. 1949,pub.1951. 279.9 Un32P

82822 DAVIS, G. K. Pasture as a source of protein for cattle production. Victory Farm Forum 45:10-11. Aug.1952. 281.8 F226
Nitrogen fertilizer.

82823 DAZA, D. M. Fertilization of ramie with ammonium sulfate. Philippine Agr. 35:1-15. June 1951. 25 P542

82824 DEGRAFF, H. Fertilizer and our food economy. Amer. Plant Food Council J. 6(2):4-5,31,41-42. Apr./June 1952. 57.8 P692

82825 DOETSCH, J. F. Twenty years work on the availability of nitrogen. Victory Farm Forum 45:2. Aug.1952. 281.8 F226

82826 DUMAS, J. Etude préliminaire des teneurs en azote, acide phosphorique et potasse du feuillage du cerisier en vue de l'application du diagnostic foliaire a cet arbre. Acad. d'Agr. de France. Compt. Rend. 39: 365-369. May 14/21,1952. 14 P215Bc

82827 DUTHEN, M. G. L'emploi des engrais est-il rentable? Terre d'Oc 34:204-205. May 1952. 14 Ar5

82828 EDELMAN, C. H. The Dutch farmer and his soil. (In Dutch.) (Sum.) Boor en Spade 5:138-141. 1952. 56.9 B64
English summary.

82829 ELEAZER, J. M. Early nitrogen the key to winter grazing. Victory Farm Forum 45:23-24. Aug. 1952. 281.8 F226

82830 FERNANDEZ F., T. Ensayo agrobiológico y aplicación de la ley de Mitscherlich en el abonamiento de la caña de azucar. Agronomia [Lima] 17(69):5-15. May/June 1952. 9.8 Ag83

82831 FURBANK, A. W. The nitrogen cycle and its part in soil fertility. Mother Earth 6(3):52-57. July 1952 56.8 M85

82832 GALVEZ, N. L., and BUENO, P. M. Residual effect of ammonium sulfate fertilizer with rice as indicator. Philippine Agr. 35:75-82. July 1951. 25 P542

82833 GAMMON, N., JR. Sodium and potassium relationships in Pangola grass. Victory Farm Forum 45: 8-9. Aug.1952. 281.8 F226

82834 GEITMANN, C. Erfahrungen mit gründüngung zur bodenverbesserung auf sand. Bebauet die Erde 22:44-45. June 1952. 18 B38

82835 GORDIENKO, M. Uber die bedeutung des anbaus der gräser und leguminosen für die fruchtbarkeit des bodens auf der grundlage der Wiljams'schen bodenlehre. Deut. Landwirt. 3:297-301. June 1952. 18 D4822

82836 GRAU, F. V., and GRAU, A. F. Crown vetch, promising new cover crop. Crops & Soils 4(9):22-25. Aug./Sept.1952. 6 W55

82837 GREVE. Nochmals: zur stickstoffdüngung auf heidesandböden. Landwirtbl. Weser-Ems 99:605-606. June 19,1952. 18 L2345

82838 GUGUCEVSKI, M. Green manure (cover crops)—a source for increasing the yield of sandy soil. (In Serbo-Croatian.) Socijalisticko Zemjodelstvo 4:35-39. Jan./Feb.1952. 280.28 So7
Yugoslavia.

82839 HARDY, F. Fertilizers in British Caribbean agriculture. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:250-255. 1949,pub.1951. 279.9 Un32P

82840 HINSHAW, K. Add more acres without buying 'em. Farm J. 76(9):68,71-72. Sept.1952. 6 F2212
Use of fertilizers.

82841 HITCHINS, P. E. N. Soil conditioners. Fruit-Grower 2954:223. Aug.7,1952. 80 F941
Humus.

82842 HOMES, M. V. L'utilisation des engrais au Congo Belge. Inst. Natl. pour l'Etude Agron. du Congo Belge. B. d'Inform. 1:21-36. In Belgium. Min. des Colon. B. Agr. du Congo Belge 43(2). June 1952. 24 K83

82843 HOMES, M. V. The natural agricultural resources of the Belgian Congo. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:153-155. 1949,pub. 1951. 279.9 Un32P
Soils.

82844 HONDA, N., and FUKAI, H. Root development of chestnut trees in relation to edaphic conditions. (In Japanese.) Hort. Assoc. Japan. J. 20:166-174. Mar. 1952. 87 H78

82845 IAKOVLEV, P. V. Effectiveness of granulated fertilizers under conditions of the Extreme North. (In Russian.) Sovet. Agron. 10(7):62-66. July 1952. 20 So84
Experiments with barley and potatoes.

82846 IVANOV, V. K. Hill application of granulated superphosphate to castorbean. (In Russian.) Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(5):31-33. 1952. 20 Ak1

82847 JONES, C. R., and others. Test use of fertilizer on pasture sod. Miss. Farm Res. [Miss. Sta.] 15(6): 1,8. June 1952. 100 M69Mi
J. A. Neely, B. L. Arnold, L. Walton, R. C. Albritton, R. E. Coats, and C. L. Blount, joint authors.

82848 KAUFMANN, S. Observations on coffee fertilization. (In Portuguese.) Soc. Rur. Bras. Rev. 32 (376):28-30. May 1952. 9.2 B733

82849 KEDROV-ZIKHMAN, O. K., IARUSOV, S. S., and KOZHEVNIKOVA, A. N. On dates and methods of lime application to clover and timothy on acid soils. (In Russian.) Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(5):15-19. 1952. 20 Ak1

82850 KHAN, A. R. Green manuring for better crops. Indian Farming (n.s.)2(3):8-9,32. June 1952. 22 In283

82851 KILBINGER, A. Kohlensäure und bodenfruchtbarkeit. Bebauet die Erde 22:49-51. July 1952. 18 B38

82852 KING, G. H. Fertilizing small grain for winter grazing. Victory Farm Forum 45:9-10. Aug.1952. 281.8 F226

82853 KLAPP, E. Zum zeitlichen verlauf des graszuwachses auf weiden und seiner beeinflussung durch stickstoffgaben (vorläufige mitteilung). Z. f. Acker- u. Pflanzenbau 95:69-72. June 1952. 18 J825

82854 KLEMME, A. W. Fertile soil means better crops; ways, methods of improving grain harvest yields. Feed Bag 28(8):45,70. Aug.1952. 389.78 F32

82855 KORTLEVEN, J. Interprovincial test series with Calhahumus 1943-1947. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:149-151. Apr.1952. 12 N383M

82856 KRONE, P. R. Nutrient requirements of garden plants. Dahlia 21:16-19,21. Spring 1952. 80 D133

82857 LACHAUD, J. Les engrais phosphates dans la fumure du tabac. Rev. Internatl. des Tabacs 37: 133,135, 137-138. June/July 1952. 69.8 R324

82858 LAMARE, F. DE. Enseignements des expériences de fertilisation. Rev. Agr. de l'Afrique du Nord 50:264. Apr.25,1952. 80 R326
Wheat.

82859 LANZA, F. Research on fertirrigation with titrated solutions. 1. The use of ammonia in water solutions as nitrogen fertilizer for wheat. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 50,22 p. Ref. 1951. 105.4 R66

82860 LASSETTER, W. C. When cotton gets hungry. Prog. Farmer, Tex. Ed. 67(8):48,50. Aug.1952. 6 T311
Foliar diagnosis.

82861 LAVOLLAY, J., and MARTIN, G. Recherches sur l'humus. I. Historique des méthodes d'estimation qualitative. Acad. d'Agr. de France. Compt. Rend. 39, i.e.38:385-389. Ref. May 28/June 4,1952. 14 P215Bc
Includes discussion.

82862 LIN, K. C., and others. A report on the demonstration of green manuring for rice. Agr. Res. 2(4):15-52. Dec.1951. 22.5 Ag823
J. F. Lin, S. B. Oeu, C. T. Lin, and C. T. Wu, joint authors.

82863 LONG, O. H., and EWING, J. A. Importance of nitrogen on small grains for pasture. Victory Farm Forum 45:5-6. Aug.1952. 281.8 F226

82864 LUSTIG, Y. Soils for citrus groves. Hassadeh 32:332-333. Apr.1952. 26 H27
In Hebrew.

82865 MACHADO S., A. Cálculo y comprobación de la bondad de los abonos para cultivos especiales. Cent. Nac. de Invest. de Café. Bibliot. B. Inform. 3(28):24-32. Apr.1952. 68.29 C332
Bananas.

82866 MALAN, A. H. Effect of nitrogen and irrigation on Waltham Cross grapes. Farming So. Africa 27: 291-292,294. May 1952. 24 So842

82867 MALKIN, J. The application of non-nitrogenous fertilizers to citrus groves. Hassadeh 32:329-330. Apr. 1952. 26 H27
In Hebrew.

82868 MEDERSKI, H. J. Placing supplemental nitrogen on corn. Ohio. Agr. Expt. Sta. Agron. Dept. Ser. 124,3 p. Mar.1952. 100 Oh32

82869 MELCHERT, H. Nitrogen for the winter crops already in the fall? (In Swedish.) Lantmannen 36:585-586,594. July 26,1952. 11 L234

82870 MELLO, E. M. DE. Fertilization of the coffee plant. (In Portuguese.) Seleç. Agr. 7(72):19-20. Apr. 1952. 9.2 Se4

82871 MIEGE, E. La fumure du riz. B. des Engrais 340:65-67. Apr.1952. 57.8 B87

82872 MINOR, W. A. Our job in fertilizer utilization. Amer. Plant Food Council J. 6(2):12-13,40-41. Apr./June 1952. 57.8 P692

82873 MITCHELL, W. G. Fertilizer builds better pastures on Georgia farms. Victory Farm Forum 45: 21-22. Aug.1952. 281.8 F226

82874 MITSCHERLICH, E. A., and ATANASIU, N. Zur bestimmung des nährstoffgehaltes bzw. des düngerbedürfnisses der böden. 4. Z. f. Acker- u. Pflanzenbau 95:1-20. June 1952. 18 J825

82875 MORITA, Y., and NISHIDA, M. Studies on physical properties of soils in relation to fruit tree growth. II. Soil atmosphere and tree growth. 4-5. (In Japanese.) Hort. Assoc. Japan. J. 20:137-143. Mar.1952. 87 H78
English summary.

82876 MORITA, Y., and others. Studies on physical properties of soils in relation to fruit tree growth. III. Soil moisture and tree growth. 4-5. (In Japanese.) Hort. Assoc. Japan. J. 20:144-165. Mar.1952. 87 H78
English summary.
III, 4, by Y. Morita and K. Yoneyama; III, 5, by Y. Morita, M. Nishida, and E. Oguro.

82877 MORITA, S., and AOKI, A. Studies on the soils of apple orchards in Japan. II. Hort. Assoc. Japan J. 20:205-208. Mar.1952. 87 H78

82878 NAGATA, T. Studies on the hothouse soils of Toyohama in Shizuoka prefecture. (In Japanese.) Shizuoka U. Fac. Agr. Rpt. 1:130-136. 1951. 107.6 Iw92
English summary.

82879 NIESCHLAG. Der heutige stand der feldfrüchte—ein spiegelbild der bodenfruchtbarkeit. Landwirtbl. Weser-Ems 99:601-603. June 19,1952. 18 L2345

82880 NORUM, E. B. Use of fertilizer on barley shows yield increases in North Dakota trials. Barley Impr. Conf. Rpt. 7:14-17. 1952. 59.9 M583

82881 OROVCHANETS, I. Fertilization of wheat with artificial fertilizer represents an important factor in a large yield of wheat. (In Serbo-Croatian.) Soctjalistićko Zemjodelstvo 3(12):46-53. Dec.1951. 280.28 So7

82882 PAAUW, F. VAN DER. Observations on potash fertilizing in Groningen. (In Dutch.) Plattelands-Post 8(30):4. July 24,1952. 12 P69

82883 PAAUW, F. VAN DER. Critical remarks concerning the validity of the Mitscherlich effect law. Plant & Soil 4:97-106. June 1952. 450 P696

82884 PAISLEY, K. Fertilisers for horticultural crops. 8. Manures for beans. Fert. Feed. Stuffs & Farm Supplies J. 38:497-498. Aug.6,1952. 57.8 F413

82885 PAPI GIL, A. Increasing the productivity of the soil. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:264-266. 1949,pub.1951. 279.9 Un32P

82886 PASTOR CUSCULLUELA, F. Sobre el abonado de la patata. ASPAS 2:9-10. 1951. 75.8 As6

82887 PINEDA, C. C. Farmers and fertilizers. Soil Sci. Soc. Philippines J. 4:131-133. Second Q.1952. 56.9 So35

82888 PISZCZEK, J. The influence of fertilising and crop rotation on the content of manganese in soils. (In Polish.) Lublin. U. M. Curie-Sklodowskiej. Ann. Sect. E 6:1-37. Ref. 1951. 512 L96Ae
English summary.

82889 PORTER, J. C. Texas soil resources and their use. Tex. Agr. Workers' Assoc. Proc. 25:8-11. 1952. 4 T314

82890 PURVIS, G. H. Garden fertilizers. Allot. & Home Gard., 104:10-12. June 1952. 80 N217

82891 RAINERI, C. Organic substance and productivity of soils. (In Italian.) Agenzia Romana Note e Infrom. Agr. 5(64):6-7. July 27,1952. 281.8 Ag3

82892 RASMUSSEN, G. Pigeon pea. Queensland Fruit & Veg. News 2(24):2-3. Apr.25,1952. 280.38 Q3
Chiefly as green manure.

82893 RIOS, B. DE LOS. El abonamiento del algodonero en el valle del Rio de Piura. Agronomia [Lima] 16(68):9-13. Nov.1951/Jan.1952. 9.8 Ag83

82894 ROJAS CRUZ, L. A. Fertilidad de algunos suelos arroceros del Tolima. Rev. Nac. de Agr. 46(565): 35-38. May 1952. 9.4 R32

82895 ROMANINI, A. Nitrogen forcing of alfalfa. (In Italian.) Avvenire Agr. 60:93. Apr.1952. 16 Av9

82896 SCHEPER. Die aufgabe des humus und der kernnährstoffe. Praxis u. Forsch. 4:86-87. July 20, 1952. 18 P89

82897 SCHLICHTING, E. Behandeln wir den boden richtig? XV. Gründüngung contra stallmist? Tech. f. Bauern u. Gärt. Ausg. A 4:241-243. June 10,1952. 58.8 T223

82898 SEARS, P. D. Soil fertility and pasture production: legumes, fertilizers and the grazing animal. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:517-521. 1949,pub.1951. 279.9 Un32P

82899 SHIBUKAWA, J., and FUKUSHIMA, S. Studies on the apple sod culture I. The growth of red clover in the too closely planted apple orchard. (In Japanese.) Hort. Assoc. Japan. J. 20:175-180. Ref. Mar.1952. 87 H78
English summary.

82900 SIDDIQUI, R. H., and MOHAMMAD, K. S. C. S. Improving soil productivity: tropical climates. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 238-249. Ref. 1949,pub.1951. 279.9 Un32P
Fertilizing and manuring.

82901 SIMONS, G. Extra dollars from fertilizer in Griggs County. Barley Impr. Conf. Rpt. 7:17-23. 1952. 59.9 M583
North Dakota.

82902 SINGH, R. P. Effect of fractional application of nitrogen on wheat. Allahabad Farmer 26:87-94. Ref. May 1952. 22 AL5

82903 SOMMAINI, L. New criteria for fertilizing the olive: delayed nitrogen fertilization. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 71,8 p. 1951. 105.4 R66
English summary.

82904 STEYN, D. G. Excess of nitrates in soil can be dangerous; over-fertilisation may store poison in plants with fatal results to stock and humans. Farmer's Wk. [Bloemfontein] 82:53. Oct.10,1951. 24 F225

82905 SUGIYAMA, T., and others. On the leaf analysis of apples in Nagano Prefecture. (In Japanese.) Hort. Assoc. Japan. J. 20:191-198. Ref. Mar.1952. 87 H78
K. Miyakawa, H. Yashiro and T. Osawa, joint authors.
English summary.

82906 TEAKLE, L. J. H. The role of nitrogen in soil fertility. (Sum.) Agr. Bur. N. S. Wales. State Conf. Hawkesbury Agr. Col. 27:8-9. 1951. 23 Ag82S

82907 TEICHMANN. Widersprüche im stande unserer felder. Landwirtbl. Weser-Ems 99:603-605. June 19, 1952. 18 L2345
Reply by Brase.
Fertilizers.

82908 TIRADO, M. Fertilización del café. Agr. Costarricense 10:103-106. May 1952. 8 Ag895

82909 TORNAU, O. Bodenstruktur und zuckerrübe. Zucker 5:219-222,255-257,275-278. May 15-June 15, 1952. 65.8 Z82

82910 TOXOPEUS, H. J. A thornless variety of Mimosa invisa; a great improvement of one of the best tropical annual green manures. Euphytica 1:130-132. July 1952. 450 Eu6

82911 VLADIMIROV, A. V. Problems of agricultural chemistry and increasing the yields of agricultural crops in the new irrigated districts. (In Russian.) Pochvovedenie 5:393-402. May 1952. 57.8 P34

82912 VLASIUK, P. A., and DOBROTVORSKAIA, K. M. Effect of fertilizers on yields and quality of winter wheat. (In Russian.) Sovet. Agron. 10(7):46-52. July 1952. 20 So84

82913 VLASIUK, P. A., and KLIMOVITSKAIA, Z. M. Effect of nutrition system on agro-physiological characteristics of grass-legume mixture components. (In Russian.) Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(5):20-23. 1952. 20 Ak1

82914 VLASIUK, P. A. System of nutrition for agricultural plants in the grass-field crop rotations. (In Russian.) Akad. Nauk SSSR. Izv. Ser. Biol. 2:86-110. Ref. Mar./Apr.1952. 511 Sa2B
Chiefly on effect of mineral and organic fertilizers.

82915 WARE, L. M. Effects of fertilizers and other factors on crop values. Victory Farm Forum 45:6-7. Aug.1952. 281.8 F226

82916 WATSON, SIR J. A. S. Soil fertility. Farmers Annu. 1952:43-44. 10 F2237
Great Britain.

82917 WEGER, E. Das düngebedürfnis des bodens. Bauer 5(1):9-11. Jan.5,1952. 19 B32

82918 WILDE, S. A., and VOIGT, G. K. Determination of color of nursery stock foliage by means of Munsell color charts. J. Forestry 50:622-623. Aug.1952. 99.8 F768

82919 WILLIAMS, R. Alternative phosphate fertilizers; applications to soils and crops. Chem. & Indus. 33:798-801. Aug.16,1952. 382 M31C

82920 WINTER, G. Humus und pflanze. Orion 7: 377-381. May 1952. 474 Or4

82921 WISE, L. N. Why nitrogen is so important in grassland farming. Victory Farm Forum 45:16. Aug. 1952. 281.8 F226

82922 WOODHOUSE, W. W., JR. The use of nitrogen on different types of grasslands. Victory Farm Forum 45:17-18. Aug.1952. 281.8 F226

82923 WÜNSCHER, C. Uber den einfluss der düngung auf leistung und gesundheit der kartoffel. Z. f. Acker- u. Pflanzenbau 94:377-421. Ref. May 1952. 18 J825

82924 ZELLER, A. Versuche über die wirkung des keimlingsdüngers "porro." Bundesanst. f. Alpine Landwirt. Veröffentl. 6:172-222. 1952. 19 Ad6

Soil Tilth and Tillage

82925 BARNES, E. E. Sawdust as a soil amendment. Ohio. Agr. Expt. Sta. Agron. Dept. Ser. 126,2 p. Apr. 1952. 100 Oh32

82926 BORST, H. L., and VOLK, G. W. Mulching corn with manure for erosion control. Ohio. Agr. Expt. Sta. Agron. Dept. Ser. 125,4 p. Apr.1952. 100 Oh32

82927 DALMASSO, G. As it appears. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:237-239. June 1952. 16 C72
Plowing and fertilizers.

82928 DELASNERIE, J. Les nouvelles méthodes de travail du sol. Rev. Agr. de l'Afrique du Nord 50:314. May 16,1952. 80 R326

82929 DUNN, S., and others. Field plot studies with sawdust for soil improvement. Plant & Soil 4:164-170. June 1952. 450 P696
L. P. Wolfe, Jr., W. A. MacDonald, and J. R. Baker, joint authors.

82930 ENGELHARD, J. Comment et pourquoi déchaumer. Paysan Franç. 28(415):29-30. July 1952. 14 P29

82931 LIEBSTER. Die bodenbedeckung als massnahme zur förderung der bodenfruchtbarkeit. Obstbau 71:85-86,104-106. June 1,-July 1,1952. 80 Ob73

82932 MCKENZIE, W. M. Sawdust as a soil improver. Austral. Dairy Rev. 20(7):23. July 1,1952. 44.8 Au73
Mulching and composting.

82933 MILADINOVIĆ, L., and NATARCIC, A. How and with what to perform interlinear cultivation of crops. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(3/4):12-14. Feb.25,1952. 21.5 V87

82934 MISKOVIĆ, P. The first spring tasks in agriculture. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(3/4):1-3. Feb.25,1952. 21.5 V87

82935 MORAIS FILHO, M. B. Preparation of the soil for agriculture. 1. (In Portuguese.) Seleç. Agr. 7(72):39-40. Apr.1952. 9.2 Se4

82936 MORAIS FILHO, M. B. Preparation of the soil for agriculture. II. (In Portuguese.) Seleç. Agr. 7(73):46-48. May 1952. 9.2 Se4

82937 PREGO, A. J., and BALLARI, C. P. Influencia de las técnicas culturales sobre el almacenamiento y conservación del agua en el suelo y sobre el rendimiento de los cultivos en General Pico (La Pampa). (Extr.) Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(30):7-8. Dec.1951. 9 Ar35

82938 REDDMANN, H. Gedanken zur untergrundlockerung (diskussionsbeitrag). Deut. Landwirt. 3:330-331. June 1952. 18 D4822

82939 RUSSELL, E. W. Cultivations and soil productivity. Worcestershire Agr. Chron. 20:191,193,195. June/Aug.1952. 10 W892

82940 SAHL, E. Die wiederbestellung der winterzwischenfruchtflächen. Deut. Landwirt.-Gesell. Mitt. 67:453-454. June 21,1952. 18 N39

82941 SEMENOVA-ZABRODINA, S. P. Cultivation of Solonetz soils under dry land conditions in Sivash area by listing. (In Russian.) Pochvovedenie 5:426-433. Ref. May 1952. 57.8 P34

82942 SHONKWILER, O. Operation furrow. Farmer [St. Paul] Gen. Ed. 70(15):1,29. Aug.2,1952. 6 F2211
Plowing contest, Minnesota and National Plow Matches and Soil Conservation Day.

82943 SINGH, K. Effects of soil cultivation on the growth and yield of winter wheat. II. 'Stand' and tillering. J. Sci. Food & Agr. 3:354-361. Aug.1952. 382 So12

82944 SULIMOVSKII, I. G. Method of tilling black fallow for summer seeding of perennial legumes and winter wheat under arid conditions of the Extreme South of Ukraine. (In Russian.) Sovet. Agron. 10(7):28-30. July 1952. 20 So84

Drainage, Irrigation, Water Supply, and Flood Control

82945 ALOI, L. Flood control. (In Italian.) Gior. di Agr. 62:223. July 20,1952. 16 It1G

82946 ANDRADE, R. Plan para el aprovechamiento total del Rio Bogotá. Rev. Nac. de Agr. 46(564):44-45. Apr.1952. 9.4 R32

82947 BARANOV, V., and PEREVERZEV, S. VP-24 propeller pumping assembly [for drainage]. (In Russian.) Khlopkovodstvo 1:77-79. Jan.1952. 72.8 K522

82948 BEAN, G. Overhead irrigation. 3. Spraylines and sprinklers. Farm Mech. 4:285-287. July 1952. 58.8 F772

82949 BERTHAULT, P. Le problème de l'eau. Rev. Agr. de l'Afrique du Nord 50:161-180. Mar.14,1952. 80 R326

82950 BERTUCCIOLI, U. "Cultivate water where there is water, cultivate land where there is land" (fishing valleys and reclamation). (In Italian.) Agr. delle Venezie 6:209-217. May 1952. 16 Ag826

82951 BLUETT, W. Sistema de riegos para el Oriente Medio. Ceres [Valladolid] 17(193):29,31. July 1, 1952. 15 C33

82952 BOUWMAN, L. H. A century of the Haarlem Sea. (In Dutch.) Plattelands-Post 8(28):6-7. July 10, 1952. 12 P69
Drainage.

82953 BROADHURST, W. L. Ground water in Texas for irrigation. Tex. Agr. Workers' Assoc. Proc. 25:3-7. 1952. 4 T314

82954 BUCHER-GUYER. Die beregnungsanlage in der landwirtschaft. Grüne 80:861-866. Aug.1,1952. 17 Sch9

82955 BUZI, V. P. C. Fertirrigation practice in Italy. J. Range Mangt. 5:212-214. July 1952. 60.18 K82

82956 CAMARGO, F. C. DE. Reclamation of the Amazonian flood-lands near Belém. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:598-602. 1949,pub.1951. 279.9 Un32P
Includes an appendix: the soil of the Igapos of the Guama, a branch of the Amazon River, compared with the soil of the Nile, Africa, by P. Vageler.

82957 CANALINI, G. Integral regulation of water. (In Italian.) B. dell'Agr. 86(18):2-3. May 2,1952. 16 B87
Irrigation water in Italy.

82958 CAVINA, R. Drainage of soils. (In Portuguese.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:69. Mar.1952. 44.8 B634

82959 CLAVERIE, P. A. Peut-on combattre les inondations? Terre d'Oc 34:230-233. June 1952. 14 Ar5

82960 COUCHMAN, R. Sprinklers show many advantages. West. Fruit Grower 6(8):13-16. Aug.1952. 95.8 G762

82961 DAY, H. Feeding India's teeming millions. New Commonwealth 24(2):59-60. July 21,1952. 280.8 C88
Hydro-electric power for irrigation and flood control.

82962 DE VOTO, B. Flood in the desert. Harper's Mag. 205(1227):58-61. Aug.1952. 110 H23
Flood control and soil conservation in Utah.

82963 DOBRILA, A. The spring and summer sprinkling of fruit trees. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(8/9):16-18. May 1952. 21.5 V87

82964 DUFFIN, R. B. Surface irrigation development. Okla. Agr. Col. Ext. C. 571,16 p. n.d. 275.29 Ok41C

82965 DUFFY, W., JR. Preparación de las tierras para el riego. Agr. Mod. 5(10):4-6,16. May 1952. 6 Ag8

82966 DUMONT, R. Reclamation of new lands for agriculture. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:605-609. 1949,pub.1951. 279.9 Un32P
France and North Africa.

82967 DUSENBERRY, H. L., and MONSON, O. W. Irrigation structures and equipment. Mont. State Col. Ext. B. 180,rev.,47 p. Jan.1951. 275.29 M76C

82968 ELMENDORF, H. B. Water shortages are all related. Sowest. Crop & Stock 6(7):31-32,65. July 1952. 6 So8942

82969 ESPLIN, A. L., and TUCKER, R. Irrigated pastures for sheep. Colo. Farm & Home Res. [Colo. Sta.] 3:1-2. May/June 1952. 100 C712Co

82970 FASSETTA, L. Irrigation in the reclamation of the Lower Piave. (In Italian.) Agr. delle Venezie 6: 316-327. July 1952. 16 Ag826

82971 FEDELE, F. Proclamation for empiricism in irrigation systems. (In Italian.) Agricoltura 1(6):27-29. June 1952. 16 Ag8226
Scientific control of water distribution.

82972 FEDOROVICH, B. A. The conquest of deserts. (In Russian.) Priroda 41(4):47-54. Apr.1952. 410 P933
Chiefly on the Principal Turkmenian Canal.

82973 FJELDSTED, M. A. Canal lining—it paves way for more efficient use of water. West. Farm Life 54(15): 3. Aug.1,1952. 6 R153

82974 FORCHER, F. Erfahrungen mit der künstlichen beregnung. Osterr. Landtech. 5:144-145. May 1952. 58.8 L236

82975 FRIEDMANN, G. Irrigation with water from deep wells. (In Italian.) Macch. e Motori Agr. 10:689-694. July 1952. 58.8 M13

82976 FRIEDMANN, G. Irrigation with waters from deep wells. (In Italian.) Terra e Sole 119:227-229. July 1952. 16 T273
Pumping equipment.

82977 GENIS, G. J. Make fallow land productive again. (In Afrikaans.) Wolboer 5(12):11. July 1952. 45.8 W83
Drainage and planting of mesquite in the Union of South Africa.

82978 GOMEZ, V. L. Un problema manabita: la escasez de agua. Consorcio de Cent. Agr. de Manabi. Rev. 12(69):42-44. Jan./Mar.1952. 9.5 M31

82979 GONAN, G. Reclamation projects carried out since 1946 in the Anglo-American zone of the territory of Trieste. (In Italian.) Agr. delle Venezie 6:250-262. June 1952. 16 Ag826

82980 GRAIONI, U. Miracle in Polesine. (In Italian.) Agricoltura 1(6):33-40. June 1952. 16 Ag8226
Reclamation in flooded areas.

82981 GRINOVERO, C. Terminology and classification of irrigation. (In Italian.) Assoc. Naz. delle Bonifiche, Irrig. e Miglioramenti Fondiari. B. Mens. 6:47-51. Feb./Mar.1952. 55.9 As72

82982 GUSAROVA, A. N. Irrigation of high-mountain meadows of Central Tian-Shan. (In Russian.) Kormovaia Baza 3(6):11-14. June 1952. 60.8 K84

82983 HAARER, A. E. Surface water: its collection and use. New Commonwealth 24:130-131. Aug.4,1952. 280.8 C88
Construction of earth tanks and dams to catch and store surplus water.

82984 HARDT, W. Behandeln wir den boden richtig? XVI. Versiegte quellen, trockenheit bedroht landschaft und landwirtschaft. Tech. f. Bauern u. Gärt. Ausg. A 4: 265-266. June 25,1952. 58.8 T223

82985 HELLINGA, F. Opportunities for the more effective agricultural use of new lands. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:611-613. 1949,pub.1951. 279.9 Un32P
Reclamation in the Netherlands.

82986 HELLINGA, F. Water control. Soil Sci. 74: 21-33. July 1952. 56.8 So3
Netherlands.

82987 HOFMANN, R. Pumpen für beregnungsanlagen. Landmasch.-Markt 31:379-380. June 26,1952. 58.8 L239

82988 HOOGHOUDT, S. B. Tile drainage and sub-irrigation. Soil Sci. 74:35-48. Ref. July 1952. 56.8 So3
Netherlands.

82989 HUDSON, W. The Snowy Mountains Scheme and its effect on the economy of New South Wales. Agr. Bur. N. S. Wales. State Conf. Hawkesbury Agr. Col. 27:27-29. 1951. 23 Ag82S
Irrigation and hydroelectric power.

82990 JACOBSON, W. L. Sprinkler irrigation research in Canada. Agr. Engin. 33:497-498,500. Ref. Aug.1952. 58.8 Ag83

82991 JANDOLO, E. The number worshippers. (In Italian.) Mondo Agr. 3(27):1,6. July 6,1952. 16 M74
Administration in reclamation societies in Italy.

82992 JONES, F. R. Land in irrigation. Tex. Agr. Workers' Assoc. Proc. 24:24-30. Ref. 1951. 4 T314
Texas.

82993 JUNG, M. Die bewässerung des Marchfeldes. Agr. Rundschau 8:48-56. Summer 1952. 280.8 Ag82

82994 KAIUMOV, G. K. Rice in Tadzhikistan at intermittent field flooding. (In Russian.) Sovet. Agron. 10(7): 89-91. July 1952. 20 So84

82995 KAYSER, E. Schnell verlegbare regenleitungen. Landmasch.-Markt 31:281-283. May 17,1952. 58.8 L239

82996 KAYSER, E. Selbsttätiger kleinregner aus kunstharz und ein einfaches berieselungsgerät. Tech. f. Bauern u. Gärt. Ausg. G 4:249. June 10,1952. 58.8 T223G

82997 KENDALL, R. G. Draining. Farmers Annu. 1952:47-49. 10 F2237
Great Britain.

82998 KORNIAKOV, A. P. Experiment in obtaining high yields of potatoes in the Volga area by irrigation. (In Russian.) Sovet. Agron. 10(7):88-89. July 1952. 20 So84

82999 KOSTIAKOV, A. Drainage on the irrigated lands. (In Russian.) Khlopkovodstvo 1:70-76. Jan.1952. 72.8 K522

83000 KRAAYENGA, D. A. Measurement of the height of the groundwater at Lisse. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:223-225. June 1952. 12 N383M

83001 KÜPPER. Entwässerung mit dem maulwurfpflug. Landwirt. Z. der Nord-Rheinprov. 119:850-851. Aug.9,1952. 18 L2344

83002 LAZZARINI, W. Preliminary experiment in coffee irrigation. (In Portuguese.) São Paulo.Supt. dos Serv. do Café. B. 27:408-416. May 1952. 68.29 Sa63

83003 MASEFIELD, G. B. Aspects of British colonial agricultural law. I. Irrigation. World Crops 4:285-286. Aug.1952. 281.8 W892

83004 MEEKS, T. O. Developing and testing irrigation wells. U. S. Soil Conserv. Serv. Sowest. Region. Regional B. 114,44 p. Mar.1952. 1.9608 R26

83005 MERRILL, L. P. Twenty inch rain. Soil & Water Mag. 1(7):12-16. July 1952. 54.8 So3
Texas.

83006 MESSINES, J. Methods for controlling mountain torrents used by the Administration des Eaux et Forêts in the Alps. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:155-161. Ref. 1949,pub.1951. 279.9 Un32P
By reforestation, dams, canals and drainage.

83007 MIDDLEMISS, E. Revolutionary water scheme suggested for the Karoo; project based on two enormous dams in the Orange River to irrigate vast arid areas; tremendous effect on agriculture predicted. Farmer's Wk. [Bloemfontein] 82:12-13,15. Oct.10,1951. 24 F225

83008 MOLEN, W. H. VAN DER. Experiences with drainage in the wet winter of 1950-51. (In Dutch.) Netherlands. Dir. van de Wieringermeer. Verslag 14:25-47. 1952. 290.9 N382
Includes discussion.
Netherlands.

83009 MONTANARI, V. The functions of reclamation and irrigation societies within the framework of the potential for syndicated agriculture. (In Italian.) Agr. delle Venezie 6:196-208. May 1952. 16 Ag826

83010 MORALES Y FRAILE, E. Una realidad para las tierras áridas mediterráneas. Asoc. Nac. de Ingen. Agrón. B. 26:33-34. May 15,1952. 58.9 As5

83011 MUIRHEID, B. F. Buying good drain tile. Ill. Agr. Col. Ext. C. 696,6 p.-folder. July 1952. 275.29 IL62C

83012 NELSON, L. E. Cannery wastes disposal by spray irrigation. Wastes Engin. 23:398-400,420. Aug. 1952. 449.8 M92

83013 OPSOMER, J. E. The reclamation of floodlands for production. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:596-598. 1949,pub.1951. 279.9 Un32P
Sumatra.

83014 ORTEGA, P. Reclamation of new lands for agriculture—utilization of eroded lands. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:590-594. 1949,pub.1951. 279.9 Un32P
Honduras.

83015 OZERSKII, S. To eliminate the flaws in planning water supply works [for irrigation]. (In Russian.) Khlopkovodstvo 1:57-60. Jan.1952. 72.8 K522

83016 PATTERSON, B. New versatile irrigation dam. Sowest. Crop & Stock 6(8):14,83. Aug.1952. 6 So8942
Koroseal plastic dam.

83017 PAZOS GIL, J. M. Tecnica del riego por desbordamiento y por infiltración. Spain. Min. de Agr. Serv. de Capacitación y Propag. Monog. 2,60 p. 1951. 15 Sp14M

83018 POGGI, F. Overhead irrigation in Verona. (In Italian.) Agr. delle Venezie 6:277-279. June 1952. 16 Ag826

83019 PRATT, A. J. Recent developments in the use of portable irrigation systems in potato production areas. Amer. Potato Ybk. 1952:22-25. 75.8 Am32

83020 RABINOVICH, N. Belt transmission of [irrigation] pumping equipment. (In Russian.) Tekhsovety MTS 13(5/6):14-16. 1952. 58.8 T233

83021 RAMSAUER, B. Die bedeutung der meliorationen für land- und volkswirtschaft. Agr. Rundschau 8: 42-47. Summer 1952. 280.8 Ag82
Irrigation and drainage in Austria.

83022 RENOUF, L. R. Irrigation of horticultural crops. New Zeal. J. Agr. 84:475-478. June 16,1952. 23 N48J

83023 ROBERTS, W. J. Irrigation in Illinois. Ill. Water Survey. Rpt. Invest. 11,11 p. 1951. 292.9 IL6R

83024 SHCHERBAK, F. I. In regard to changing the properties of Chestnut soils in the Mozdok steppes by irrigation. (In Russian.) Pochvovedenie 5:474-476. May 1952. 57.8 P34

83025 SHIRLEY, E. Threats to South Africa's soil and water. New Commonwealth 24(2):80-81. July 21,1952. 280.8 C88
Water utilization.

83026 SLAGLE, A. B. Irrigation on the High Plains. Sowest. Crop & Stock 6(7):12-13,86. July 1952. 6 So8942

83027 STARK, C. R., JR. The desert blooms. U. S. A. 2(2):45-52. Aug.1952. 134.8 Un3
Irrigation in the Columbia Basin.

83028 STOWERS, E. B. Southern Pine Electric Co-op member completes third year of experimental irrigation in South Alabama. Ala. Rur. Elect. News 5(8): 1. Aug.1952. 335.8 AL1

83029 TAMURA, T. Matters to be borne in mind in planning land improvement program. (In Japanese.) Nōrin Jihō 11(4):34-37. Apr.1952. 22.5 N772

83030 TAYLOR, F. J. California moves the rain. Nation's Business 40(8):32-34,73-75. Aug.1952. 286.8 N212
Water policy.

83031 THIBAU, C. E. Considerations on irrigated wheat—wheat-rice rotation—results of experiments. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1:24-33. Jan.1952. 9.2 M663

83032 THOMAS, G. E. Kirwin at the crossroads. Reclam. Era 38:191-193. Aug.1952. 156.84 R24
Construction of Kirwin Dam, part of the Missouri River Basin project.

83033 TIŪLENEV, N. A. Utilization of aeration drainage against dying out of legumes on drained peat soils. (In Russian.) Vsesoîùzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(5):24-30. 1952. 20 Ak1

83034 WALLACE, J. C. The reclamation of the Wash. Gt. Brit. Min. Agr. Agriculture 59:209-212. Aug. 1952. 10 G79J

83035 WARE, L. M. Why irrigate vegetables in the South? III. Mkt. Growers J 81(7):26. July 1952. 6 M34

83036 WEL, R. A. VAN. Some experiences with infiltration clay and loam soils in North Holland by means of supplying water through drain ditches. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:169-178. June 1952. 12 N282

83037 WESTRA, H. L. A., and VISSER, W. C. The influence of too high a water table in grasslands. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:200-204. May 1952. 12 N383M

83038 WILCOX, J. C. Irrigation of horticultural crops; practice and problems in British Columbia. Agr. Inst. Rev. 7(4):20-23. July 1952. 7 Ag8

83039 WOOTEN, H. H., and UTZ, E. J. Reclamation of new lands for agriculture—potentialities and problems in development by irrigation and drainage. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 602-605. 1949,pub.1951. 279.9 Un32P

83040 WRIGHT, K. K. Underground water problems in California. Amer. Water Works Assoc. J. 44:662-668. Ref. Aug.1952. 292.9 Am32J
Owing to drought and increased population and irrigation.

83041 ZINNER, E. Regen-anlagen und ihr einsatz. Landmasch.-Markt 31:356-357. June 12,1952. 58.8 L239

Erosion and Erosion Control

83042 ACOSTA SOLIS, M. Especies botánicas para la protección del suelo contra la erosion. Inst. Ecuatoriano de Cien. Nat. Contrib. 20,17 p. Apr.1952. 516 Q4

83043 ADLER, E. D. Soil conservation in the Union of South Africa. Sols Africains 1:25,27,29,31,33. Oct. 1951. 56.8 So4
Text also in French.

83044 ANDRADE, J. L. DE. The double purpose of permanent furrowing. (In Portuguese.) Granja [Lisboa] 11:83-90. Apr./June 1952. 15.5 G76
Erosion control and addition of organic matter to soil.

83045 ARENA, A., and QUEVEDO, C. V. Agrotechnical reorganization of the wind-eroded Pampa area. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:21-22. 1949,pub.1951. 279.9 Un32P

83046 BETANCOURT V., H. Los planes de conservación de suelos en las fincas cafeteras. Café de El Salvador 22:169-172. Mar.1952. 68.28 C112

83047 BRITTO, V. DE A, and FERREIRA, F. Considerations on the problem of soil conservation. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1:19-23. Jan.1952. 9.2 M663

83048 BUIE, T. S. Physical methods of soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:2-6. Ref. 1949,pub.1951. 279.9 Un32P

83049 BURINGH, P. Soil erosion in the "Eng" of Rhenen. (In Dutch.) Boor en Spade 5:169-171. 1952. 56.9 B64
English summary.

83050 CAMPBELL, D. A. The role of grassland in soil conservation—aerial topdressing and seeding trials. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:548-552. 1949,pub.1951. 279.9 Un32P

83051 CAVENDISH, L. A laboratory on the land. Soil Conserv. 18:34-37. Sept. 1952. 1.6 So3S
Development of a conservation laboratory known as the West Virginia Youth Camp.

83052 CEPEDE, M. Soil conservation: an economic appraisal. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:95-97. 1949,pub.1951. 279.9 Un32P

83053 CHINN, O. W. This silt problem in our State and what is being done about it. Ky. Happy Hunting Ground 8(4):6-7,30. July 1952. 409.78 K41

83054 THE CONSERVATION yearbook 1952. Washginton,D.C.,1952. 288 p. 225 C766
Includes data on soil and forest conservation.

83055 COPELAND, J. T. 4-H terracing teams. Miss. State Col. Ext. P. 210,8 p. Feb.1952. 275.29 M68Ext

83056 CORREA, A. A. M. Damages caused to the farmer by erosion. (In Portuguese.) Granja [Porto Alegre] 8(60/61):56-57. Mar./Apr.1952. 9.2 G76
Brazil.

83057 CORRÊA, A. A. M. Soil conservation. XI. Furrowing for control of erosion. (In Portuguese.) Seleç. Agr. 7(72):8. Apr.1952. 9.2 Se4

83058 CORRÊA, A. A. M. Soil conservation. XII. Ditching in the control of erosion. (In Portuguese.) Seleç. Agr. 7(73):6. May 1952. 9.2 Se4

83059 CORREIA, A. A. M. Soil conservation. (In Portuguese.) Lavoura 56:23-26. (Concl.) Mar./Apr. 1952. 9.2 L39

83060 DE JONG, P. The soil of the State. Planters' Chron. 47:232-234,263-264,269-270. (Concl.) May 1-15, 1952. 22 P693
Madras.

83061 DOBKINS, D. A. With New Mexico farmers and ranchers long range conservation plans gaining in popularity. Sowest. Crop & Stock 6(7):26. July 1952. 6 So8942

83062 DOBRZANSKI, B., and ZIEMNICKI, S. Project of land-use system on eroded Chernozems at Werbkowice. (In Polish.) Lublin. U. M. Curie-Sklodowskiej. Ann. Sect. E 6:75-116. 1951. 512 L96Ae
English summary.

83063 DULEY, F. L. Research and soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:164-167. Ref. 1949,pub.1951. 279.9 Un32P

83064 DUTTON, W. S. How to make bureaucrats earn their pay. Sat. Evening Post 225(7):33,52,56-58. Aug.16,1952. 110 Sa8
Soil conservation in the Brandywine Valley.

83065 DYKES, J. C. Soil conservation: methods of organization. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:56-60. Ref. 1949,pub.1951. 279.9 Un32P

83066 EDELMAN, C. H. Soil research in relation to soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:163-164. 1949,pub.1951. 279.9 Un32P

83067 FOX, L. Alfred Kirst and his 64 acres. Prog. Farmer, Tex. Ed. 67(8):19. Aug.1952. 6 T311
Conservation farming.

83068 FRANZ, H. Biological soil research in relation to soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:160-163. 1949,pub. 1951. 279.9 Un32P

83069 FREE, G. R. Soil movement by raindrops. Agr. Engin. 33:491-494,496. Ref. Aug.1952. 58.8 Ag83

83070 FRESE. Erosion auch in Deutschland? Landbforsch. Völkenrode 2:60-61. July 1952. 18 L2353

83071 GORRIE, R. M. Soil erosion in Ceylon tea. World Crops 4:265-267,277. Aug.1952. 281.8 W892

83072 GRANGE, L. I. Soil survey in relation to soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:123-124. 1949,pub.1951. 279.9 Un32P

83073 GREENE, H. Soil conservation in British Colonial Africa. Sols Africains 1:13,15,17,19. Oct.1951. 56.8 So4
Text also in French.

83074 GUILLAUME, M. Organisation of soil conservation in the intertropical zone of the French Union. Sols Africains 1:21,23. Oct.1951. 56.8 So4
Text also in French.

83075 GUILLOTEAU, J. Inter-African organisations for soil conservation. Sols Africains 1:45,47,49,51,53,55, 57,59. Oct.1951. 56.8 So4
Text also in French.

83076 GUMBEL, W. C. Industry's stake in conservation. Soil Conserv. 18:42-45,47. Sept.1952. 1.6 So3S

83077 HART, L. You can't take it with you. Soil & Water Mag. 1(6):32-33. June 1952. 54.8 So3
Soil conservation.

83078 JOHNSON, S. E. Farming systems in relation to soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:79-85. 1949,pub.1951. 279.9 Un32P

83079 JOHNSON, V. W. Economics of soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:75-79. 1949,pub.1951. 279.9 Un32P

83080 JORDAHL, H. Flood shows need for soil conservation. Wis. Conserv. B. 17(6):6-7. June 1952. 279.8 W752

83081 JURION, F. Soil conservation in the Belgian Congo. Sols Africains 1:35,37,39,41,43. Oct.1951. 56.8 So4
Text also in French.

83082 KELLOGG, C. E. Soil survey in relation to soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:114-120. Ref. 1949,pub.1951. 279.9 Un32P

83083 KHAN, M. H., and RIAZ, A. G. Physical methods of soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:6-9. 1949,pub.1951. 279.9 Un32P

83084 KHOLUPÍAK, K. I. Distribution of anti-erosional forest plantings and principles for planning them. (In Russian.) Les i Step' 3(10):35-45. Oct.1951. 99.8 L565

83085 KÖHLER, R. Soil survey in relation to soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:130-135. 1949,pub.1951. 279.9 Un32P

83086 LARSON, B. O., and others. The silting of Lake Bracken. Ill. Water Survey. Rpt. Invest. 10,27 p. 1951. 292.9 IL6R
H. M. Smith, E. L. Sauer, and S. W. Melsted, joint authors.

83087 LEAHEY, A. Soil surveys in relation to land use and soil conservation in Canada. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:120-122. 1949,pub.1951. 279.9 Un32P

83088 LEARD, H. H. Is our soil worth saving? Conserv. News 7(5):1-2. Aug.7,1952. 279.8 C768

83089 LEGISLATIVE aspects of soil conservation in Africa south of the Sahara. Sols Africains 2:31,33,35, 37,39,41,43,45,47,49,51,53,55,57,59. Jan./Apr.1952. 56.8 So4
Text also in French.

83090 LEVY, E. B., and SUCKLING, F. E. T. Some research aspects of soil conservation and the future of the hills. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:445-450. 1949,pub.1951. 279.9 Un32P

83091 LITTLEJOHN, L. J. S. Soil conservation in Cyprus. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:10-12. 1949,pub.1951. 279.9 Un32P

83092 LØDDESØL, A. American soil conservation problems. Impressions from a study trip to the United States. (In Norwegian.) Norske Myrselsk. Meddel 50: 79-111. June 1952. 11 N813

83093 LØDDESØL, A. Soil conservation problems in Norway. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:43-49. 1949,pub.1951. 279.9 Un32P

83094 LOWDERMILK, W. C. Conquest of the land through seven thousand years. Rur. Educ. B. 7:30-34, 52-59. (Cont.) Apr.-May 1952. 109 C162
Soil erosion in Mesopotamia and Egypt.

83095 LOWDERMILK, W. C. Conquest of the land through seven thousand years. Rur. Educ. B. 7:62-68. (Cont.) June 1952. 109 C162
Soil erosion.

83096 MCKEEVER, I. A. Why soil conservation districts? Pa. Farmer 147:44-45,62. July 26,1952. 6 P383

83097 MAHER, C. La conservación de las tierras. Agr. Venezol. 16(153):20-21. Nov./Dec.1951. 9.95 Ag8

83098 MAIA, D. Land and man. (In Portuguese.) Rev. dos Mercados 3(20):23-25. Apr.1952. 286.8 R328
Soil conservation in Brazil.

83099 MARSHALL, C. Land use morality. Malayan Forester 15:88-92. Apr.1952. 99.8 M292
Soil conservation.

83100 MORGAN, J. G. FFA—FHA plans conservation laboratory. W. Va. Conserv. 16(4):28-30. July 1952. 279.8 W524
Includes soil and forest conservation.

83101 MYINT, A. Physical methods of soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:13-16. 1949,pub.1951. 279.9 Un32P

83102 NADEAU, L. R. Controlling Oregon sand dunes. Our Pub. Lands 2(3):7,13. July 1952. 156.55 Ou7

83103 NELSON, C. Contest terminates promotional campaign. Soil Conserv. 18:31-33. Sept.1952. 1.6 So3S
Soil conservation contest, Leelanau Soil Conservation District in Michigan.

83104 NIXON, W. M. Conservation crops in Texas. Tex. Agr. Workers' Assoc. Proc. 24:51-58. 1951. 4 T314
Growing of legumes and grasses.

83105 NORDYKE, L. The dark days that changed the world. Soil & Water Mag. 1(4):6-9. Apr.1952. 54.8 So3
Dust storms.

83106 OROZCO M., M. Methods of organization in soil conservation work. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:62-66. 1949,pub.1951. 279.9 Un32P

83107 PETERSON, E. T. The water goes around and around to keep everything else going: Farmer-Stockman 55(8):11,23,26,31. Aug.1952. 6 OK45
The hydrologic cycle and conservation practices.

83108 PLATEAU, H. La défense et la restauration des sols. Terre Marocaine 26:267-272. (Cont.) July 1952. 24 T44

83109 PREGO, A. J., and TALLARICO, L. A. Experiments with methods for the conservation of soils and moisture in the semi-arid region of Argentina. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:23-34. Ref. 1949,pub.1951. 279.9 Un32P

83110 QUEVEDO, C. V. The importance of practical demonstration in teaching soil conservation methods and their application in Argentina. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:66-67. 1949,pub.1951. 279.9 Un32P

83111 QUEVEDO, C. V. Presencia y lucha contra la erosión eólica; agricultura de secano. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(30): 3-6. Dec.1951. 9 Ar35

83112 QUEVEDO, C. V. Surveys of zones affected by soil erosion (type, degree, area, causes) in the Argentine Republic. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:155-160. 1949,pub.1951. 279.9 Un32P

83113 RAMOS GONZÁLEZ, A. Desertaje. Ceres [Valladolid] 17(193):40. July 1,1952. 15 C33
Soil erosion.

83114 RANGHEL G., A. The Soil Conservation Service in Colombia. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:89-94. 1949,pub.1951. 279.9 Un32P

83115 RAYCHAUDHURI, S. P., and SEN, A. T. Soil research in relation to soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:128-130. Ref. 1949,pub.1951. 279.9 Un32P

83116 RAYCHAUDHURI, S. P., and SEN, A. T. Soil survey in relation to soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 126-127. 1949,pub.1951. 279.9 Un32P

83117 REID, L. The meeting of the board. Soil & Water Mag. 1(4):14-19. Apr.1952. 54.8 So3
Soil conservation districts.

83118 RODRÍGUEZ Z., M. Erosion survey in the Province of Bío-Bío, Chile. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:150-152. 1949, pub.1951. 279.9 Un32P

83119 SALTER, R. M. Productivity of the land. Washington,U. S. Soil Conserv. Serv.,1952. 7 p. 1.965 A2Sa3
Talk before the Kiwanis Club of Baltimore in the observance of Maryland Land Week, July 24, 1952.
Soil conservation.

83120 SCHALLER, H. L. Cooperative planning pays dividends. Better Farming Methods 24(8):10,12-13. Aug.1952. 58.8 B46
Soil conservation in Wisconsin.

83121 SHIBUKAWA, J., and others. Studies on the soil erosion control in the apple orchards. I-II. (In Japanese.) Hort. Assoc. Japan. J. 20:181-190. Mar.1952. 87 H78
English summary.
I, Erosion survey in sloping apple orchards, by J. Shibukawa, S. Hosogai, and T. Sotokawa; II, Run off soil caused by melting snow, by J. Shibukawa, M. Soma, and T. Sotokawa.

83122 SPIRHANZL, J. The protection against the water and air erosion of soil. (In Serbo-Croatian.) Masarykovy Akad. Práce. Sborn. 25:556-576. 1951. 510 P885
English summary.

83123 STALL, J. B., and MELSTED, S. W. The silting of Lake Chautauqua. Ill. Water Survey. Rpt. Invest. 8,15 p. 1951. 292.9 IL6R

83124 STALL, J. B., and others. The silting of West Frankfort Reservoir. Ill. Water Survey. Rpt. Invest. 12,29 p. 1951. 292.9 IL6R
A. A. Klingebiel, S. W. Melsted, and E. L. Sauer, joint authors.

83125 SUAREZ DE CASTRO, F. Las acequias de ladera en el control de la erosión. Agr. Trop. 8(7):9-15. July 1952. 26 Ag8

83126 TALERO GARCIA, E. El trabajo en grupos en los distritos de conservación. Agr. Trop. 8(6):41-43. June 15,1952. 26 Ag8
Colombia.

83127 TALLARICO, L. A. Trabajos previos a la fijación de médanos. Res 20:26981-26982. May 5,1952. 286.85 R31
Argentina.

83128 TAMAYO, F. El problema de las arenas nomadas en Venezuela. Agro [El Valle] 6(20):51-57. Jan./May 1952. 9.95 Ag83

83129 TEMPANY, SIR H. A. Land use regulations as aids to soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:35-43. Ref. 1949,pub.1951. 279.9 Un32P

83130 TEMPLE, L. G. Erosion—the great destroyer. N. Y. State Col. Forestry, Syracuse U. State Ranger Sch. Alumni News 1951:24-26. 99.9 N487

83131 TORRE, L. R. DE LA. Soil utilization and conservation: method of organization. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:68-70. 1949,pub.1951. 279.9 Un32P
Mexico.

83132 UNGER, H. F. They keep them happy on the farm. Pub. Util. Fortnightly 50:222-228. Aug.14,1952. 280.8 P966
Soil conservation activities of public utility companies.

83133 U. S. SOIL CONSERVATION SERV. UPPER MISSISSIPPI REGION. Sizing up your farm; a guide to soil conservation farming based on a survey of the land in the La Crosse County, Wisconsin Soil Conservation District. Milwaukee,1952. 16 p. 1.6 Si9

83134 VANCE, B. F. The economics of the conservation program. Soil Conserv. 18:37-39. Sept.1952. 1.6 So3S
Soil and water conservation and soil erosion in Greece.

83135 VIAUD, M. C. Physical methods of soil conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:17-21. 1949,pub.1951. 279.9 Un32P

83136 VITAL, N. Soil conservation in Switzerland. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:61-62. 1949,pub.1951. 279.9 Un32P

83137 WETTSTEIN, W. Erosionsbekämpfung durch weiderbegrünung in wildbachgebieten Vorarlbergs. Mitt. der Forstl. Bundes-Versanst. Mariabrunn 47:38-41. 1951. 99.8 M69

83138 WILLS, D. A geographer and the soil. Soil Conserv. 18:29-30. Sept. 1952. 1.6 So3S
Study of soil erosion and soil conservation at Texas Christian University.

83139 ZIEMNICKI, S. Preliminary studies on the erosion of loesses in the province Lublin. (In Polish.) Lublin. U. M. Curie-Sklodowskiej. Ann. Sect. E 6:131-200. Ref. 1951. 512 L96Ae
English summary.

83140 ZUBRYN, E. Erosion big menace in Mexico. Sowest. Crop & Stock 6(7):38-39. July 1952. 6 So8942

Sanitation

83141 HOFFMAN, I. C. New horticultural green - house utilizes advanced ideas in soil steaming. Ohio Farm & Home Res. [Ohio Sta.] 37:54-55. July/Aug.1952. 100 oh3S

MATERIALS FOR SOIL IMPROVEMENT

Primary Materials

83142 CATANI, R. A., and NASCIMENTO, A. C. Solubility of certain natural phosphates. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:149-168. Ref. May/June 1952. 9.2 R324
English summary.

83143 DONALD, R. Review of methods for the determination of potassium in fertilisers. Fert. Soc. Proc. 16:20-32. Ref. Jan.10,1952. 57.9 F41

83144 HAGERUP, H. Comparison between superphosphate and sǿvitt-phosphate. (In Norwegian.) Forsk. og Forsǿk i Landbr. 2:369-381. 1951. 11 F772
English summary.

83145 HAMENCE, J. H. Recent advances in N.P.K. analysis. Fert. Soc. Proc. 16:4-19. Ref. Jan.10,1952. 57.9 F41

83146 HANSON, W. C. The photometric determination of potassium in fertilisers using dipicrylamine. Fert. Soc. Proc. 16:33-41. Jan.10,1952. 57.9 F41

83147 STOJKOVSKA, A. Calcium ammonium nitrate. (In Serbo-Croatian.) Socijalističko Zemjodelstvo 4:29-35. Jan./Feb.1952. 280.28 So7

Secondary and Minor Element Materials

83148 CARRINGTON, J. C. Sulphur's role in agriculture. East. Feed Merchant 3(8):29-30. Aug.1952. 389.78 Ea7

83149 HARMER, P. M. Notes on the use of minor elements on organic soil. Victory Farm Forum 45:12-14. Aug.1952. 281.8 F226

83150 MCNAUGHT, K. J., and GDANITZ, L. C. Ground serpentine, an effective source of magnesium for glasshouse tomatoes. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 34:126-130. Ref. June 1952. 514 N48A

83151 WALTERS, E. I. Use of high analysis fertilizers emphasizes need for trace elements in form of agricultural frit. Farm Chem. 115(8):17-18,20,45. Aug. 1952. 57.8 Am3

Mixed Fertilizers and Fertilizer Technology

83152 CUSMANO, I. Modification of the Appiani method for analysis of super phosphates. (In Italian.) Humus 8(3):22-24. Mar.1952. 16 H88

83153 FLORIDA. STATE CHEMIST. Annual report, fertilizers, feeds, foods, drugs and cosmetics, insecticides, fungicides and seeds, year ending December 31, 1951. Tallahassee,1952. 167 p. 381 F66
Analyses.

83154 GRAY, G. P. Pacific Guano has novel control for mixing of granular materials. Com. Fert. 85(2):24-25,31. Aug.1952. 57.8 C73

83155 ISTOK, A. Control y fiscalizacion de abonos comerciales. Agro [El Valle] 6(20):9-12. Jan./May 1952. 9.95 Ag83
Venezuela.

83156 TOLEDO, J. DE. Los abonos compuestos. Ceres [Valladolid] 17(451):10. June 15,1952. 15 C33

Fertilizer Statistics

83157 ALTPETER, J. Spaniens stickstoffindustrie im aufbau. Chem. Indus. [Düsseldorf] 4:341-342. May 1952. 384 C4222

83158 ARIZONA. FERTILIZER CONTROL OFFICE. Fourteenth annual report, 1951. Ariz. Agr. Expt. Sta. Spec. B., 21 p. Feb.1952. 57.9 Ar42

83159 DEE, T. P. Alternative phosphate fertilizers; current processes and possibilities. Chem. & Indus. 33: 801-803. Ref. Aug.16,1952. 382 M31C

83160 HENDRIKSE, A. C. F. Orders of trust, essential element of cooperative activity. (In Dutch.) Cent. Bur. Meded. 36:81-82. July 1952. 12 N287
The nitrogen fertilizer industry in the Netherlands.

83161 HOFFMANN, A. Düngemittel als reserve für die ernährung. Chem. Indus. [Düsseldorf] 4:63-66. Feb.1952. 384 C4222
Statistics of production and consumption in various countries.

83162 MCVICKAR, M. H. The changing picture of fertilizer use. Crops & Soils 4(9):19-21. Aug./Sept. 1952. 6 W55

83163 NEWTON, R. P., JR. Safe handling of anhydrous ammonia. Agr. Chem. 7(8):28-30,119. Aug. 1952. 381 Ag8
Fertilizer.

83164 PATERSON, K. A. W. The superphosphate industry. So. African Indus. Chem. 6:84-87. Apr.1952. 385 So8

83165 QUACKENBUSH, F. W., and others. Inspection of commercial fertilizers. Ind. Agr. Expt. Sta. C. 383, 52 p. May 1952. 100 In2P

83166 SOCIÉTÉ D'ÉTUDES CHIMIQUES POUR L'INDUSTRIE ET L'AGRICULTURE. L'industrie et le marché de la potasse aux Etats-Unis. Mines de Potasse d'Alsace. B. d'Inform. Écon. Étude Doc. 35,35 p. June 1952. 280.9 M666

83167 TRUITT, P. T. Fertilizer industry and food production. Farm Chem. 115(8):26,28,48-49. Aug.1952. 57.8 Am3

Manures and Composts

83168 ASHTON, L. S. How good is poultry manure? Org. Farmer 4:30,58. Aug.1952 57.8 Or3

83169 BRUCE, M. E. The art of making compost. Mother Earth 6(3):23-25. July 1952. 56.8 M85

83170 CALDWELL, J. The handling of manure. Farm & Mach. 2(19):5. Dec.1951. 58.8 F2294

83171 DELIZO, T. How to prepare compost for nursery use. Forestry Leaves 5(3):19,31. Apr.1952. 99.8 P532

83172 FERAUD, M. Sur l'utilisation des ordures ménagères comme engrais. Acad. d'Agr. de France. Compt. Rend. 39:378-380. May 14/21,1952. 14 P215Bc

83173 GROETZNER. Stallmistveredlung durch kompostbereitung. Landbforsch. Völkenrode 2:55-57. July 1952. 18 L2353

83174 HAUTION, R. Le fumier de ferme en l'an. VII. Agriculture [Paris] 16:174. June 1952. 14 Ag823

83175 HILLS, L. D. The squeal and the manure. Estate Mag. 52:324-327. Aug.1952. 10 Es8

83176 JAMES, T. H. More about orchid composts. Austral. Orchid Rev. 17:27-29. Mar.1952. 80 Au73

83177 KRISHNAMURTY, T., and KADAM, B. S. Tobacco stem - dust — a manure for tobacco. Indian Tobacco 2:21-24. Jan./Mar.1952. 69.8 In2

83178 LOVELAND, T. A. Revenue from waste pays for feed. Dairy Goat J. 30(8):8. Aug.1952. 40.18 M592 Compost.

83179 MARTINEZ, A. W. City with golden garbage. Org. Gard. 20(8):12-13,39-43. Aug.1952. 56.8 Or3

83180 MIDDLEBROCK, S. Short composting better yields with less labour. MGA Bulletin 31:195-199. July 1952. 80 M97
Mushroom culture.

83181 MUKERJI, A. K. Let the land manufacture compost for itself. Allahabad Farmer 26:63-67. May 1952. 22 AL5

83182 NILSSON, P. F., and TORSTENSSON, G. How to put straw into the ground? (In Swedish.) Lantmannen 36:567-568. July 19,1952. 11 L234
Straw as fertilizer.

83183 RATCLIFFE, A. J. B. Liquid manure, its storage and use. Farm Mech. 4:261. July 1952. 58.8 B772

83184 RICHARDS, A. A. New mushroom composts. Gard. Illus. 69:212. Aug.1952. 80 G139

83185 SCHALLER, A. Betriebswirtschaftliche fragen der güllerei. Deut. Landwirt.-Gesell. Mitt. 67: 563-564. Aug.9,1952. 18 N39

83186 SCHULZE, J. L. Subproductos de la industria frigorífica susceptibles de ser utilizados como abonos. Res 20:26918-26921. Apr.5,1952. 286.85 R31

83187 SCHUMANN, K. Erhöhung der hektarerträge durch vermehrte düngererzeugung und sachgemässe düngerpflege im schafstall. Tierzucht 5:387-389. Dec. 1951. 49 T443

83188 TEREGULOV, I. KH. Mechanization of extraction and transportation of peat for fertilizer. (In Russian) Sovet. Agron. 10(7):67-76. July 1952. 20 So84

83189 WOERMANN, E., and ANDREAE, B. Uber die ökonomik der stalldüngerverwendung. Ber. über Landwirt. (n.s.)30:142-160. Ref. 1952. 18 G31

83190 WYLIE, J. C. The value of sewage and refuse in promoting food production. Roy. Soc. Arts. J. 100:489-506. May 30,1952. 501 L847J

FORESTRY

GENERAL

83191 BARLEN, S. Bibliographie des ausländischen forst- und holzwirtschaftlichen schrifttums, v.3. Enthält titel der jahre 1950/51. I. Bundesanst. f. Forst- u. Holzwirt. Mitt. 26,147 p. Dec.1951. 99.9 R273

83192 BASTEDO, W. M. Utilization and regeneration of Algoma hardwoods. Sylva [Toronto] 8(3):15-20. May/June 1952. 99.8 Sy5

83193 BEEKMAN, W. B. Hout in alle tijden [Wood through the ages], v. 4. Djakarta,Kluwer,1952. 448 p. 99.79 B39

83194 CANADIAN INSTITUTE OF FORESTRY. MARITIME SECT. Annual report, 1951. Fredericton, 1951. 115 p. 99.9 C1672

83195 DANNFELT, M. J. Swedish forestry during half a century. (In Swedish.) Svenska Skogsvardsför. Tidskr. 50:118-136. 1952. 99.8 Sk5

83196 DUFRESNE, C. R. Conservation of our forests. Macdonald Col. J. 12(9):25-26. May 1952. 101 M144

83197 EDLIN, H. L. A forester's glossary. Wood [London] 17:269-271. (Cont.) July 1952. 99.82 W855

83198 GILMOUR, J. D. The forest situation in the Province of Quebec. Brit. Columbia Lumberman 36(7): 46,56,58,66,98,100,102,105-106,108. July 1952. 99.81 B77

83199 GOMES E SOUSA, A. F. Dendrologia de Moçambique. I. Algumas madeiras comerciais [Dendrology of Mozambique. I. Some commercial woods]. Lourenço Marques,1951. 248 p. Ref. 99.27 G58

83200 GONDINET, H. L'Association Forestière de l'Aude. Fed. Pyrén. d'Econ. Montagn. Ann. 13:77-83. 1952. 280.9 F312

83201 GUINIER, P. Les leçons forestieres de la Haute-Ardenne. Comt. des Forêts. B. 14:1395-1405. 1951. 99.9 C732

83202 HESSE. Neugründung des Deutschen Forstvereins. Allg. Forstz. 7:297-298. July 9,1952. 99.8 AL52

83203 KENNEDY, D. New Zealand forest practice—review and preview. Austral. Timber J. 18:120,122,124, 126,129-130,132,134,136,138. Mar.1952. 99.81 Au7

83204 KENNEL, H. Sorten- oder mittelstammtarif bei den stücklöhnen? Allg. Forstz. 7:316-317. July 23, 1952. 99.8 AL52

83205 MALMOHUS LANS SKOGS- OCH BETESVARDSFORENING. Annual report of the activities of Malmöhus Province Forest and Pasture Association during the year 1951. (In Swedish.) Malmöhus Lans Hushsallsk. Kvrtlskr. 1:63-75. 1952. 11 M29

83206 MANLEY, L. Trees are our wealth. (Extr.) Canad. Pulp & Paper Indus. 5(8):32,34. Aug.1952. 302.8 W52

83207 MOSTOVOV, V. A. On estimating tractor work [at forest conservation stations]. (In Russian.) Les i Step' 3(10):46-51. Oct.1951. 99.8 L565

83208 NEW ZEALAND. FOREST SERV. Forestry, careers for young men and women. New Zeal. Forest Serv. Inform. Ser. 13,5 p. 1951. 99.9 N49I

83209 PLATZER, H. B. Die kontrolle der arbeit, eine arbeitspsychologische betrachtung und zugleich ein beitrag zur richtigen menschenbehandlung. Allg. Forstz. 7:313-316. July 23,1952. 99.8 AL52

83210 QURESHI, I. M. The Bombay State Forestry Conference, 1951. Indian Forester 78:241-243. May 1952. 99.8 In2

83211 RENNE, R. R. Forest—an important segment in the Philippine economy. Forestry Leaves 5(3):7-8,31. Apr.1952. 99.8 P532

83212 RING. "Produktivitätsrat" auch für forst und holz? Holz-Zentbl. 78:259-260. Feb.14,1952. 99.81 H742

83213 RODGER, G. J. Forestry and timber matters in W. A. (Sum.) Austral. Timber J. 18:203-204,206,209, 210,213,215,217,219,221-222,225-226,229. Apr.1952. 99.81 Au7

83214 SOROA, J. M. DE. Actualidad forestal. Siembra [Madrid] 8(5):14-15. May 1952. 15 Si1
Spain.

83215 STANER, P. Conférence Forestière Interafricaine d'Abidjan. Belgium. Min. des Colon. B. Agr. du Congo Belge 43:481-496. June 1952. 24 K83

83216 SWAN, H., and others. Labor problems in forestry. (In Swedish.) Svenska Skogsvardsför. Tidskr. 50:137-167. 1952. 99.8 Sk5
K. A. Annell, T. Tillander, and C. Winroth, joint authors.

83217 ŚWIĄDER, J. Wartość i cena produkcji leśnej. Value and price of forest products. Inst. Badawczy Leśn. Prace 69,40 p. Ref. 1951. 99.9 W26
English summary.
Economic aspects.

83218 TROMP, P. H. M. Why and how do we rationalize the work technique in forestry. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:179-180. June 1952. 12 N282

83219 VARTY, I. W. Some impressions from western Canada. Arbor 2:13-16. Mar.1952. 99.8 Ar17

83220 WEGENER. Zur satzung des neuen Deutschen Forstvereins. Allg. Forstz. 7:298. July 9,1952. 99.8 AL52

83221 WEINIG, J. Ein schrumpfprozess in der forstwirtschaft? Holz-Zentbl. 78:430. Mar.13,1952. 99.81 H742

Education

83222 COUSENS, J. E. The forest school, Kepong, 1951. Malayan Forester 15:92-95. Apr.1952. 99.8 M292

83223 GONZÁLEZ M., M. La carrera del ingeniero forestal en Venezuela. Agr. Venezol. 16(153):35. Nov./Dec.1951. 9.95 Ag8
Education.

83224 HAMERSLEY, R. H. B. Royal Forestry Society of England and Wales; annual course at the Royal Agricultural College, Cirencester, from March 31 to April 4, 1952. Land Agents' Soc. J. 51:279-286. July 1952. 282.9 L22

83225 OLSEN, H. H. Separate forestry courses for agronomists. (In Norwegian.) Landbrukstidende 58:447-448. June 4,1952. 11 L236

83226 ROARK, C. Alabama school owns forest so Vo-Ag boys learn forest management. Better Farming Methods 24(8):34. Aug.1952. 58.8 B46

83227 ROBERTSON, R., and THERRELL, J. S. Forestry for 4-Hers. Miss. State Col. Ext. P. 189,11 p. June 1951. 275.29 M68Ext

Policies, Programs, Administration

83228 AFANASIJEV, D. Agrotechnics in forestry. (In Serbo-Croatian.) Inst. za Naučna Šumarska Istraživanja. Godišnjak 1:147-187. 1951. 99.9 B65
English summary.
Reforestation studies.

83229 ALABAMA. DEPT. OF CONSERVATION. Report for fiscal year October 1, 1950—September 30, 1951. Wetumpka,1952. 147 p. 279.9 AL1
Includes report of the Division of Forestry.

83230 AT THE All-Union Lenin Academy of Agricultural Sciences. (In Russian.) Agrobiologiia 2:109-112. Mar./Apr.1952. 20 Ag822
T. D. Lysenko's address at the conference of workers on afforestation of the steppes.

83231 BAYLY, G. H. U. Reforestation. Sylva [Toronto] 8(3):38-40. May/June 1952. 99.8 Sy5
Ontario.

83232 BEEKMAN, H. A. J. M. Deforestation and reforestation. (In Dutch.) In Beekman, W. B. Hout in alle tijden, v. 4, p.1-12. Djakarta,Kluwer,1952. 99.79 B39

83233 BLANFORD, H. R. Forest policy in the British Commonwealth of Nations. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:178-181. Ref. 1949, pub.1951. 279.9 Un32P

83234 CASTAGNOU, M. J. E. Outline of forestry policy and legislation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:176-178. 1949,pub.1951. 279.9 Un32P

83235 CENABRE, A. L. The role of the Bureau of Forestry in the food production campaign. Forestry Leaves 5(3):20-22,28. Apr.1952. 99.8 P532

83236 COLOMBANI, G. Reforestation camps. (In Italian.) Cam. di Com. Indus. e Agr. di Novara. Not. Econ. 8(5):16-18. May 1952. 287 N85N
Program.

83237 DALEY, R. K. Forest conservation in action. Conn. Woodlands 17:28-29. May 1952. 99.8 C76

83238 DE LA CRUZ, E. Essential features of forest policy and forest law. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:181-183. 1949,pub.1951. 279.9 Un32P
Philippines.

83239 EIDE, E. The practical basis of Norwegian forest policy. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:103-105. 1949,pub.1951. 279.9 Un32P

83240 FRYJORDET, T. On the choice of reforestation period. (In Norwegian.) Skogbrukeren 27:141-145. July 1,1952. 99.8 Sk54

83241 HERZOG, W. Gedanken zur kommenden aufforstung im bauernwald. Landwirt. Z. der Nord-Rheinprov. 119:797-798. July 26,1952. 18 L2344

83242 HMAN, M. Organization of forest services. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:199-202. 1949,pub.1951. 279.9 Un32P
Burma.

83243 HONORAT, J. J. Nos sites historiques et le reboisement. B. Agr. 2(2/3):16-18. Mar./May 1952. 8 B87

83244 JELLER, P. Bergbauer oder waldbauer? Agr. Rundschau 8:67-71. Summer 1952. 280.8 Ag82
Reforestation policy for Austria.

83245 KITH TASSARA, M. Diez años de colaboración de la 5.ª División Hidrológico-Forestal con el Patrimonio Forestal de Estado. Montes 8:165-172. May/June 1952. 99.8 M763

83246 KOCHERGA, F. K. Afforestation of the irrigated lands. (In Russian.) Les i Step' 3(10):14-24. Oct. 1951. 99.8 L565
Policy.

83247 KOEHLER, W. 1952—schicksalsjahr für das berufsbeamtentum? Deut. Forstmann, p.47-49. In Forst u. Holz 7(12). June 16,1952. 99.8 F7724

83248 LENTZ, A. N. New Jersey bank promotes tree planting machine. J. Forestry 50:627. Aug.1952. 99.8 F768

83249 LOVERIDGE, E. W. Administration of forests: organization of forest services. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:203-207. 1949,pub.1951. 279.9 Un32P

83250 LUXEMBURG. ADMIN. DES EAUX ET FORETS. Rapport annuel et statistiques diverses, exercices 1949-50 et 1950-51. Luxemburg,1951. 31 p. 99.9 L97

83251 MCCARTHY, K. R. Forever wild? Amer. Forests 58(8):6-9,43. Aug.1952. 99.8 F762
New York's forest preserves.

83252 MACEREN, F. Reforestation in Bohol. Forestry Leaves 5(3):26. Apr.1952. 99.8 P532

83253 MARSH, R. E. Essential features of forest policy and law. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:184-187. Ref. 1949,pub.1951. 279.9 Un32P

83254 MATSUMURA, R. The 1952 budget for Forestry Agency. (In Japanese.) Nōrin Jihō 11(4):5-8. Apr.1952. 22.5 N772
Japan.

83255 MURAKAMI, M. Tree-planting movement on an international scale. (In Japanese.) Nōrin Jihō 11(4): 22-23. Apr.1952. 22.5 N772

83256 PRINGLE, S. L. Methods to promote better forestry on private lands. Canad. Inst. Forestry. Marit. Sect. Annu. Rpt. 1951:59-80. 99.9 C1672

83257 QUILLFELDT, VON. Stellung und rechte des revierförsters unter berücksichtigung der berufspolitischen zusammenhänge. Forstl. Mitt. 5:121-123. June 5, 1952. 99.8 F7725

83258 RITCHIE, J., and KOHARA, T. Woodworth, the story of Alexander State Forest. Forests & People 2(2):18-20. Apr.1952. 99.8 F7628

83259 ROMERO, S. A., COROTHIE, H., and GONDELLES A., R. Forest administration in Venezuela. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5: 208-210. 1949,pub.1951. 279.9 Un32P

83260 ROTTY, R. Forest and shelterbelt planting in the United States, 1951. J. Forestry 50:605-608. Aug. 1952. 99.8 F768

83261 SETINEK, K. The basic principles of forest policy and forest legislation. United Nations Sci. Conf. Conserv. & Util. Resources Proc. 5:187-189. 1949,pub. 1951. 279.9 Un32P

83262 SHOW, S. B. Organization of forest services. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:193-198. 1949,pub.1951. 279.9 Un32P

83263 SUČIĆ, J. Institute for Scientific Forest Research of the Republic of Bosnia and Herzegovina in 1949-1951. (In Serbo-Croatian.) Inst. za Naučna Šumarska Istraživanja. Godišnjak 1:3-35. 1951. 99.9 B65
English summary.

83264 TERESHCHENKO, N. A. Rational utilization of equipment [at Salsk Forest Conservation Station]. (In Russian.) Les i Step' 3(10):51-52. Oct.1951. 99.8 L565

83265 TRAVANCORE. FOREST DEPT. Administration report for the year 1124 M.E. [ending with 16th August 1949]. Ernakulam,1951. 93 p. 99.9 T69

83266 TREES FOR TOMORROW. Annual report. Lake States Timber Digest 6(8):1,3,6. (Cont.) June 1952. 99.81 L14
Wisconsin.

83267 VOLPINI, C. Reforestation of the Feniglia dune through results of the first plan of adjustment. (In Italian.) Monti e Boschi 3:214-222. May 1952. 16 M76
English summary.

83268 WARD, J. D. U. Forest policy [England]. Estate Mag. 52:333-334. Aug.1952. 10 Es8

83269 WATERER, R. R. Protective functions of the forest. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:140-142. 1949,pub.1951. 279.9 Un32P
Objective of forest management in Cyprus.

83270 WERNER, H. 1952—vorwärts zu neuen erfolgen. Wald 2:2-4. Jan.1952. 99.8 W143

Legislation and Taxation

83271 HEERMANCE, E. L. Woodland taxation. Conn. Woodlands 17:41-43. July 1952. 99.8 C76

83272 HILD. Das mitbestimmungsrecht im öffentlichen dienst. Forstl. Mitt. 5:133-134. June 20,1952. 99.8 F7725

83273 HÖLSS, F. Tarifliche neuordnung im hessischen gemeindewald. Forstl. Mitt. 5:123-124. June 5, 1952. 99.8 F7725

83274 MCCORMACK, W. W. Progress under the Canada Forestry Act. Canad. Inst. Forestry. Marit. Sect. Annu. Rpt. 1951:97-99. 99.9 C1672

83275 MURRAY, R. R., and GRANT, H. J. A. How Nova Scotia's Small Tree Act has worked. Canad. Inst. Forestry. Marit. Sect. Annu. Rpt. 1951:86-90. 99.9 C1672

83276 SCHLATTER, A. J. Aktuelle fragen der eidg. forstgesetzgebung. Wald u. Holz 33:194-198. (Cont.) July 1952. 99.8 W14

Forest Description and Resources

83277 ALLOUARD, P. Le Mexique; impressions forestières. Cahiers des Ingén. Agron. 7(2):37-38. 1952. 14 C112
Chiefly forest resources.

83278 BESLEY, L. The world's timber supply. Brit. Columbia Lumberman 36(7):36-38,119-121. (Cont.) July 1952. 99.81 B77

83279 BROWNE, F. G. The Kerangas lands of Sarawak. Malayan Forester 15:61-73. Apr.1952. 99.8 M292

83280 CENICEROS, E. D. The forest resources of Mexico. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:88-90. 1949,pub.1951. 279.9 Un32P

83281 FLICK, F. J. The forests of continental Latin America (including European possessions). A bibliography of selected literature, 1920-1950. U. S. D. A. Bibliog. B. 18,193 p. May 1952. 1 Ag84Bi

83282 FOLWEILER, A. D. Land in forests. Tex. Agr. Workers' Assoc. Proc. 24:31-34. 1951. 4 T314

83283 HILL, W. B. Robin Hood's Sherwood. Trees [Southampton] 16:26-28. Summer 1952. 99.8 T714

83284 KATO, Y. On the topography and geology of the University Forest in Oziro and its environs. 1. (In Japanese.) Shizuoka U. Fac. Agr. Rpt. 1:97-107. 1951. 107.6 Iw92
English summary.

83285 LEROY, P. La forêt de Haguenau. Rev. du Bois 7(7/8):3-11. (Cont.) July/Aug.1952. 99.82 R32

83286 MCGOWIN, J. F. Timber resources in the Americas. Lumberman 79(8):66,69,86. Aug.1952. 99.81 W52

83287 MEYER, A. B. Missouri's memorial forests. Mo. Conserv. 13(7):4-5,11. July 1952. 279.8 M69

83288 MULVEY, R. W. Mexico discovers its forest resources. (In Portuguese.) Fazenda 47(7):30-32. July 1952. 6 H11P

83289 NYGAARD, J. The forest in the Lake states. (In Norwegian.) Skogbrukeren 27:153-158. July 15,1952. 99.8 Sk54

83290 NYGAARD, J. Forest in Western Norway. (In Norwegian.) Skogbrukeren 27:145-149. (Cont.) July 1, 1952. 99.8 Sk54

83291 RANGHEL GALINDO, A. The forests of Colombia and some of their industrial possibilities. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:120-128. 1949,pub.1951. 279.9 Un32P

83292 REGINSTER, M. L'Ardenne belge, géographie, géologie, formations forestières, pédologie. Comt. des Forêts. B. 14:1409-1412. 1951. 99.9 C732

83293 UNITED NATIONS SCIENTIFIC CONFERENCE ON THE CONSERVATION AND UTILIZATION OF RESOURCES. Proceedings, 17 August-6 September 1949, Lake Success, New York. Volume V, Forest resources. New York,1951. 325 p. 279.9 Un32P

83294 U. S. FOREST SERV. CALIFORNIA FOREST AND RANGE EXPERIMENT STATION. Forest statistics for the Coast Range Pine subregion in California. U. S. Forest Serv. Calif Forest & Range Expt. Sta. Forest Survey Release 12,48 p. Apr.1952. 1.9 F7626F

83295 YARHAM, E. R. The forests of Great Britain's landed estates. Brit. Columbia Lumberman 36(7):75-76,78,80. July 1952. 99.81 B77

83296 YLI-VAKKURI, P. On the development of forests in South Ostrobothnia. (In Finnish.) Metsätaloudellinen Airkakauslehti 5:139-142. Ref. 1952. 99.9 F49
English summary.

Individual Genera and Species

83297 AMELINCKX, F. Is it desireable to use American trees to increase productivity of Belgian forests? (In Flemish.) Cult. en Handel 18:408-410. July 1952. 80 C892

83298 BAILEY, N. Know your wood: black cherry [Prunus serotina]. Wood Working Digest 54:79-81. Aug. 1952. 99.82 W87

83299 BEEKMAN, W. B. The most important burl trees in the world. (In Dutch.) In his Houte in alle tijden, v. 4, p.273-324. Ref. Djakarta,Kluwer,1952. 99.79 B39

83300 HEREDIA H., H. El cetico: gen: Cecropia sp., fam: Moraceas. Mensajero Agr. 72/73:59-61. Apr./May 1952. 9.8 M52

83301 MAMPRI, O. A. Reforestation with chinaberry. (In Portuguese.) Seleç. Agr. 7(72):59-62. Apr. 1952. 9.2 Se4
Melia azedarach.

83302 MICHELSON, A. Trois essences interessantes du Kivu: Beilschmiedia oblongifolia, W. Robyns & Wilczek, Parinari sp. (P. myricoides, Troupin), Carapa grandiflora, Sprague. Comt. Natl. du Kivu. Etudes Forest. (n.s.) 2,67 p. 1952. 99.9 C737

83303 NATIVIDADE, J. V. South and southwest Spanish cork forests. (In Portuguese.) Portugal. Junta Nac. da Cortica. B. 14:204-209. (Concl.) Ref. June 1952. 309.9 J96
English summary, p. XLI-XLII.
Resources.

83304 O'BYRNE, W. Red cedar (Juniperus virginiana L.). Va. Forests 7(3):4-5. May/June 1952. 99.8 V81

83305 OUCHTERLONY, K. The birch stand is also forest. (In Swedish.) Landbrtidskr. f. Dalarna 3:104-105. June 1952. 11 L29

83306 PETROV, E. M. Crimean large-fruit mountain ash [Sorbus domestica]. (In Russian.) Priroda 41(4):118-119. Apr.1952. 410 P933

83307 REYES, M. R. Cinchona [Cinchona succirubra] grows, too, in Mt. Makiling. Forestry Leaves 5(3):25. Apr.1952. 99.8 P532

83308 SARDINHA, A. M. Eucalyptus in the reforestation of the plateau zone of Angola. (In Portuguese.) Agros [Lisboa] 35:111-113. May/June 1952. 15.5 Ag82

83309 SMITH, N. F. Black gum—Nyssa sylvatica, Marsh. Mich. Conserv. 21(4):19-21. July/Aug.1952. 279.9 M582

83310 VASTEY, J. DE. Notes sur l'acajou. B. Agr. 2(2/3):9-11. Mar./May 1952. 8 B87
Swietenia mahagoni.

83311 WARD, J. D. U. In praise of the ash. Country Life [London] 112:185. July 18,1952. 80 C83

83312 WATKINS, R. W., BAILEY, J. L., and CALDWELL, J. C. Forest trees and forest facts of Tennessee. Tenn. Dept. Conserv. Educ. Serv. Educ. P. 6,79 p. Jan. 1951. 279.9 T252

FOREST MANAGEMENT AND FINANCE

83313 AAVATSMARK, I. Intensive forestry. (In Norwegian.) Skogeieren 39:81-85. June 15,1952. 99.81 Sk5

83314 AMINOFF, F. Nature protection and natural values. III. (In Swedish.) Skogen [Stockholm] 39:158-159. July 1,1952. 99.8 Sk51
Forest management.

83315 ANDERSON, I. V. Valuation of ponderosa pine stumpage by use of tree grades. Missoula?U. S. Forest Serv., North. Rocky Mountain Forest & Range Expt. Sta., 1951. 12 p. 1.962 A2An2
Paper delivered Sept. 27, 1951, at annual conference of Inland Empire Section, Forest Products Research Society, Sandpoint, Idaho.

83316 BECKING, J. H. Forestry technique in the teak [Tectona grandis] forests of Java. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:106-114. Ref. 1949,pub.1951. 279.9 Un32P

83317 BEEMAN, L. Conservation in our business. N. Y. State Conserv. 7:18-19. Aug./Sept.1952. 279.8 N48
Industrial forestry in the Adirondacks

83318 CHATURVEDI, M. D. Forest management. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:82-85. 1949,pub.1951. 279.9 Un32P
India.

83319 COYNE, G. F. Timber management. Sylva [Toronto] 8(2):19-23. Mar./Apr. 1952. 99.8 Sy5

83320 D'ADAMO, O. A. The system of forest valuation in Argentina. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:189-193. 1949,pub.1951. 279.9 Un32P

83321 DAVIS, J. E. Forest land use studies and the Adirondack-Catskill forest survey. N. Y. State Col. Forestry, Syracuse U. State Ranger Sch. Alumni News 1951:16-19. 99.9 N487

83322 DUSCHEK, S. Forest management—working plans and their adaptation to changing conditions. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5: 76-81. 1949,pub.1951. 279.9 Un32P

83323 ECHEVERRIA BALLARIN, I. La edad de corta final en el Pinus radiata. Montes 8:185-187. May/June 1952. 99.8 M763

83324 ECKERT, K. H. Untersuchungen über die eignung und anwendung statistischer methoden als hilfsmittel forstlicher inventuren. Bundesanst. f. Forst- u. Holzwirt. Mitt. 24,99 p. Ref. July 1951. 99.9 R273

83325 EKLUND, B. Forest management and working plans and their adaptation to changing conditions. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5: 85-88. 1949,pub.1951. 279.9 Un32P
Sweden.

83326 FLETCHER, G. A. A mortgage lender looks at the timber industry. Forest Farmer 11(11):7. Aug. 1952. 99.8 F7692

83327 GROSS, L. S. Management planning on the national forests. J. Forestry 50:618-622. Aug.1952. 99.8 F768

83328 HALLER, W. Betrachtungen zur frage der ordnung von wald und wide. Kärntner Bauer 102:376-378. June 21,1952. 19 K14

83329 LEACH, M. C. I am for profit. N. Y. State Col. Forestry, Syracuse U. State Ranger Sch. Alumni News 1951:36-38. 99.9 N487

83330 NELSON, A. W., JR. Forest credit. Miss. Banker 37(2):18,20-22,24,26. July 1952. 284.8 M69

83331 NYGAARD, J. Forestry in North Trøndelag. (In Norwegian.) Skogbrukeren 27:159-161. July 15,1952. 99.8 Sk54

83332 PAVARI, A. Forest management. (In Italian.) Monti e Boschi 3:195-205. May 1952. 16 M76
English summary.

83333 SEVERO, T. S. An example of cooperative sustained yield unit. Forestry Leaves 5(3):10-13. Apr. 1952. 99.8 P532
Washington.

83334 SUSMEL, L. Normal state of fir and spruce woods in Comelico. (In Italian.) Monti e Boschi 3:243-251. June 1952. 16 M76
English summary.
Uneven-aged forests and their management.

83335 TRAMPLER, T. Urządzanie lasu w ustroju socjalistycznym. Forest management in the Socialist economy. Inst. Badawczy Leśn. Prace 71,32 p. Ref. 1951. 99.9 W26

83336 WILHELMI, T. Wachstum und massenproduktion gleichaltriger reinbestände von Cedrus deodara, Pinus excelsa [i.e. P. griffithi] und Pinus longifolia [i.e. P. roxburghi] vergiichen mit den wuchsleistungen von Pinus silvestris in Deutschland. Bundesanst. f. Forst- u. Holzwirt. Mitt. 25,8 p. Ref. Sept.1951. 99.9 R273
English summary.

83337 ZIMPEL, H. Die brigade, die grundeinheit in der wirtschaftlichen rechnungsführung. Wald 2:27-28. Jan.1952. 99.8 W143

Farm Woodlands

83338 BURNS, M. Thousands of trees going in every year. Kans. Farmer 89(15):4,30-31. Aug.2,1952. 6 K13
Benefits of a farm windbreak.

83339 GONZÁLEZ-MORENO Y BALDA, M. Algo sobre repoblación forestal. Ceres [Valladolid] 17(193): 17,19,21. July 1,1952. 15 C33
Planting on small farms.

83340 HUFNAGL, H. Die förderung des bauernwaldes. Bauer 5(4):2-4. Jan.26,1952. 19 B32
Austria.

83341 KUHN, F. A. A farmer and his woodland. N. Y. State Col. Forestry, Syracuse U. State Ranger Sch. Alumni News 1951:27-31. 99.9 N487

83342 LINDE, R. J. VAN DER. Development of protected cultivated area in the former heath areas in Jutland. (In Danish.) Nederland. Heidemaatsch. Tijdschr. 63:161-168. Ref. June 1952. 12 N282
Windbreaks.

83343 MULLER, A. Zum wiederaufbau des klein-bäuerlichen waldes. Deut. Agrartech. 2:29-30. Jan.1952. 58.8 D482

83344 PRESTON, J. F. Should cattle graze in the woodlot? Rur. New Yorker 102:467,482-483. July 19, 1952. 6 R88

83345 SALDARRIAGA, B. F. El cultivo del bosque, como seguro de vida para los agricultores. Soc. Antioqueña de Agr. B. Agr. 385:3424. May 1952. 9.4 So1

83346 SMITH, O. D. Forestry and the farmer. Worcestershire Agr. Chron. 20:183,185,187,189. June/Aug.1952. 10 W892

83347 VINE, R. Shelter belts for high winds. New Zeal. Farmer 73(7):3-4. June 5,1952. 23 N484

Mensuration, Surveying, Photogrammetry

83348 ALBES. Die homa ohne raummeter! Wald 2: 8-11. Jan.1952. 99.8 W143

83349 BØHMER, J. G., and SEIP, H. K. The connection between growth rate and some exterior measurements on Norway spruce (Picea abies). (In Norwegian.) Norges Landbrhøgsk. Meld. 32:1-16. Ref. 1952. 104 N762M
English summary.

83350 COSMA, D. Forest aerial photogrammetry. (In Italian.) Monti e Boschi 3:223-229. May 1952. 16 M76
English summary.

83351 DUCAY VELA, L. Ensayo sobre la ley matemática de crecimiento de algunas masas forestales. Spain. Inst. Forest. de Invest. y Exper. B. 22(56),71 p. 1951. 99.9 Sp1

83352 FESTENESSI, J. J. I. Forest inventory methods in the Chaco Park. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:16-19. 1949,pub. 1951. 279.9 Un32P

83353 ILVESSALO, Y. Sampling techniques in forest inventories. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:2-5. 1949,pub.1951. 279.9 Un32P

83354 KRISHNASWAMY, V. S. General formulæ for measurement of heights of trees. Indian Forester 78: 339-347. July 1952. 99.8 In2

83355 MACLEOD, W. K. Average diameter, a basis for cruising second growth. Brit. Columbia. U. Facul. Forestry Res. Notes 6,7 p. Apr.1952. 99.8 R31

83356 MATERN, B. Adaptation of modern statistical methods to the estimation of forest areas, timber volumes, growth and drain. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:9-11. Ref. 1949, pub.1951. 279.9 Un32P

83357 NAIR, K. R. Adaptation of modern statistical methods to the estimation of forest areas, timber ~~of~~ volumes, growth and drain. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:11-16. Ref. 1949, pub.1951. 279.9 Un32P
Contains Appendix I, A test of the precision of the standard Indian sample plot methods, by H. G. Champion; Appendix II, Precision of the standard Indian sample plot method, by M. A. Kakazai.

83358 OSBORNE, J. G. Adaptation of modern statistical methods to forest inventories. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:6-9. 1949,pub.1951. 279.9 Un32P

83359 RADECKE. Abschnittsweise massenfeststellung ohne durchmessermessung. Wald 2:29-30. Jan. 1952. 99.8 W143

83360 REICHELT, H. Darstellung der ergebnisse der standortskartierung. Wald 2:14-15. Jan.1952. 99.8 W143

83361 ROBERTSON, R., and THERRELL, J. S. Measure, don't guess. Miss. State Col. Ext. P. 229,12 p. June 1952. 275.29 M68Ext
Board feet in trees and logs.

83362 SEELY, H. E. Technical development in air surveys and interpretation of forestry data therefrom. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:20-23. 1949,pub.1951. 279.9 Un32P

83363 SETTEN, G. G. K. A note on statistical methods and forestry. Malayan Forester 15:73-80. Apr. 1952. 99.8 M292

83364 SPURR, S. H. United States experience in the use of air surveys in forest inventory. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:24-27. 1949,pub.1951. 279.9 Un32P

83365 THOMSON, A. P. Technical developments in air survey and the interpretation of forestry data therefrom—New Zealand experience. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:27-29. 1949,pub. 1951. 279.9 Un32P

83366 VAUX, C. H. Instrument for determination of tree diameters in inches at any height. J. Forestry 50: 601-604. Aug.1952. 99.8 F768

83367 WILSON, H. L., and BERARD, E. V. The use of aerial photographs and ecological principles in cover type mapping. J. Wildlife Mangt. 16:320-326. Ref. July 1952. 410 J827

Silviculture

83368 AUBREVILLE, A. Silviculture of mixed tropical rain forests. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:114-116. 1949,pub.1951. 279.9 Un32P

83369 BORCHERS. Grundsätzliches zu einer waldbaulichen planung in Niedersachsen. III. Forst u. Holz 7:162-165. Ref. June 16,1952. 99.8 F7724

83370 CARMELICH, J. N. F. Contribución al estudio del crecimiento del Pinus taeda L. Buenos Aires. U. Facul. de Agron. y Vet. Rev. 13:26-46. Dec.1951. 9 B863
English summary.

83371 FROHLICH, J. Über versuche mit der bucheneinbringung in reine fichtenbestände. Mitt. der Forstl. Bundes-Versanst. Mariabrunn 47:17-22. 1951. 99.8 M69

83372 HAGG, K. E. On plant distribution in Kristianstad Province. (In Swedish.) Svenska Skogsvardsför. Tidskr. 50(2,sup.),13 p. 1952. 99.8 Sk5
Forest seedlings.

83373 HUFNAGL, H. Stammformen. Bauer 5(1):5-6. Jan.5,1952. 19 B32

83374 JOHNSSON, H. Early growth of English oak, durmast oak and red oak. (In Swedish.) Svenska Skogsvardsför. Tidskr. 50:169-193. Ref. 1952. 99.8 Sk5

83375 LAUGHLIN, K. A classification of Midwest forest types. Trees [Cleveland] 12(5):12,38-39. July/Aug 1952. 99.8 W52

83376 NATH, J. C. Silviculture as practised in the Northern Circle, West Bengal and the part it plays in the "Grow More Food Campaign." Indian Forester 78:229-230. May 1952. 99.8 In2

83377 SCHAEFFER, L. Selection of silvicultural techniques. United Nations Sci. Conf. Conserv. & Util, Resources. Proc. 5:90-95. 1949,pub.1951. 279.9 Un32P

83378 WESTVELD, M. A method of evaluating forest site quality from soil, forest cover, and indicator plants. U. S. Forest Serv. Noeast. Forest Expt. Sta. Paper 48, 12 p. June 1952. 1.9622 N2St22

83379 WOOD, R. F. Rehabilitation of devastated and derelict woodlands. United Nations Sci. Conf. Conserv. & Util. Resources Proc. 5:100-103. 1949,pub.1951. 279.9 Un32P
Great Britain.

Silvicultural Practices

83380 AUNG DIN, U. Selection of silvicultural techniques. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:117-120. 1949,pub.1951. 279.9 Un32P
Burma.

83381 AYERS, J. H. Pruning on the Rogue. N. Y. State Col. Forestry, Syracuse U. State Ranger Sch. Alumni News 1951:32-35,38. 99.9 N487

83382 BALTUS, J. Small woodlots can produce results. Wis. Conserv. B. 17(7):18-19. July 1952. 279.8 W752
Selective logging.

83383 BLOMGREN, Y. On silvicultural experiments and their results in the state forest district of Tuomarsniemi. (In Finnish.) Matsätaloudellinen Aikakauslehti 5:145-147. 1952. 99.9 F49
English summary, p. 142.

83384 BOYD, R. J., JR. Effect of harvesting methods on reproduction in the mountain Engelmann spruce-alpine fir type. U. S. Forest Serv. Rocky Mountain Forest & Range Expt. Sta. Res. Notes 11,2 p. July 1952. 1.9622 R2R313

83385 BURGER, H. Aufastung, entnadelung und zuwachs bei jungen fichten und föhren. Mitt. der Forstl. Bundes-Versanst. Mariabrunn 47:8-16. 1951. 99.8 M69

83386 CURTIS, J. D. Response to release of ponderosa pine in central Idaho. J. Forestry 50:608-610. Aug.1952. 99.8 F768

83387 CUTTEN, E. Y. The effect of neglected thinning in a sample plot in close spaced Corsican pine [Pinus nigra poiretiana] in Kaingaroa State Forest. Forest Res. Inst. Forest Res. Notes 1(4):11-12. July 1951. 99.9 W46

83388 FEDOROV, P. F. New KLT-4,5 silvicultural tractor cultivator. (In Russian.) Les i Step' 3(10):53-58. Oct.1951. 99.8 L565

83389 GLATTFELTER, C. F. Report on bud-pruning of forest trees. Pa. Forests & Waters 4:52-53,71. May/June 1952. 99.8 P38

83390 HUFNAGL, H. Holzhändlerdurchforstung. Bauer 5(24):3. July 5,1952. 19 B32
Austria.

83391 KIEFER, G. C. and RUSS, D. F. Pulpwood thinning in Norway spruce. Conn. Woodlands. 17:26-27. May 1952. 99.8 C76

83392 PENSA, G. Trees for felling in Esino Lario. (In Italian.) Monti e Boschi 3:254-257. June 1952. 16 M76
Selection cutting.

83393 TURNER, M. G. Transformation des pessieres en peuplements melanges. Comt. des Forêts. B. 14:1405-1409. 1951. 99.9 C732

83394 WITZGALL. Beobachtungen bei 16 jahre lang durchgeführter vorratspflege und fragen an die boden- und ertragskunde. Allg. Forstz. 7:301-305. July 9,1952. 99.8 AL52

83395 WORTHINGTON, N. P., and SHAW, E. W. Cost of thinning young Douglas fir. Timberman 53(10):136-138. Aug.1952. 99.81 T484

Seeding and Planting

83396 AFANASIJEV, D. The experiments of the resuscitation of the driving of the Sequoia. (In Serbo-Croatian.) Inst. za Naučna Sumarska Istraživanja. Godišnjak 1:211-219. 1951. 99.9 B65
English summary.

83397 ALLSOP, F. First production of fertile seed by the principal exotic conifers in New Zealand. Forest Res. Inst. Forest Res. Notes 1(4):13-14. July 1951. 99.9 W46

83398 BECKING, J. H., VEEN, B., and KONING, M. DE. Afforestation and reforestation. (In Dutch.) In Beekman, W. B. Hout in alle tijden, v. 4, p.13-187. Ref. Djakarta,Kluwer,1952. 99.79 B39

83399 BERGMAN, G. IA. First achievements. (In Russian.) Les i Step' 3(10):66-67. Oct.1951. 99.8 L565
Shelterbelt plantings at Vtoroi Piatiletki Sovkhoz in Pervomaiskii Raion, Odessa Region.

83400 BODMAN, P., MEE, J., and BREADON, R. Rooting of Douglas fir cuttings as influenced by age of parent trees and the use of rooting hormones. Brit. Columbia. U. Facul. Forestry. Res. Notes 5,4 p. Feb. 1952. 99.8 R31

83401 BOGGESS, W. R. Fall planting studies with pine in southern Illinois. Ill. Agr. Expt. Sta. Dept. Forestry. Forestry Note 25,6 p. Oct.18,1951. 99.9 IL62

83402 BOTVINOV, A. I. Three years of work on the Stalin Plan. (In Russian.) Les i Step' 3(10):63-65. Oct. 1951. 99.8 L565
Chiefly on planting oak shelterbelts in Kotovskii Raion, Odessa Region.

83403 BRITISH COLUMBIA. FOREST SERV. Nursery practice at the Green Timbers Forest Nursery, by T. Wells. Ed. 2,rev. Brit. Columbia. Forest Serv. Tech. P. T. 24,7 p. 1952. 99.9 B77P

83404 CARMAN, R. S. Maturity of tree seed. Sylva [Toronto] 8(3):11-13. May/June 1952. 99.8 Sy5

83405 COCHRAN, R. New forests for Ohio—in the making. Ohio Conserv. B. 16(2):4-6. Feb.1952. 279.9 Oh330
Nurseries.

83406 CUMMINGS, W. H. Loblolly pine [Pinus taeda] shows early differences with source of seed and locality of planting. J. Forestry 50:626-627. Aug.1952. 99.8 F768

83407 DOROSHENKO-ĬARUSHOK, N. I. At the foresters of Belaĭa Tserkov [in Kiev Region]. (In Russian.) Les i Step' 3(10):75-78. Oct.1951. 99.8 L565
Chiefly on their forest nursery.

83408 FAULKNER; R. American nurseries and nursery practice. Arbor 2:22-25. Mar.1952. 99.8 Ar17

83409 FENTON, G. R. Regeneration of Pinus radiata D. Don following fire. Forest Res. Inst. Forest Res. Notes 1(4):1-10. July 1951. 99.9 W46

83410 HOHENSEE, F. Ein neues pflanzschulgerät: die fräsradhacke nach Revierförster Ott. Allg. Forstz. 7: 306-307. July 9,1952. 99.8 AL52

83411 HUFNAGL, H. Nach der zapfenernte. Bauer 4(43):11-12. Dec.15,1951. 19 B32
Gathering and utilization of conifer seeds for planting or selling.

83412 LANGNER, W. Wald und forstpflanzenzüchtung. Unser Wald 5(6):6-7. June 1952. 99.8 Un7

83413 MATSIUK, I. A. We shall develop and grow lasting shelterbelts [at I Maia Collective Farm in Groznyi Raion, Groznyi Region]. (In Russian.) Les i Step' 3 (10):72-74. Oct.1951. 99.8 L565

83414 ONO, Y. Propagation of special purpose trees and their care. (In Japanese.) Norin Jiho 11(4):12-14. Apr.1952. 22.5 N772

83415 PANOV, A. The previous results of the researches of the fir-seeds on the territory of Bosnia and Herzegovina. (In Serbo-Croatian.) Inst. za Naučna Šumarska Istraživanja. Godišnjak 1:188-199. 1951. 99.9 B65
English summary.
Abies pectinata [i.e. A. alba].

83416 PODOLIAK, E. T. We shall grow full-value plantations. (In Russian.) Les i Step' 3(10):70-71. Oct. 1951. 99.8 L565
Aleksandrovskiĭ forestry enterprise in Kirovograd Region.

83417 RAU, H. G. Zur frage des pflanzverbandes beim pappelanbau. Forst u. Holz 7:175-177. July 1,1952. 99.8 F7724
Discussion, by H. Lucke, p. 177-178.

83418 ROMERO CASTANEDA, R. Como se hace un vivero. Rev. Nac. de Agr. 46(566):19-20,22,24-26,28. June 1952. 9.4 R32
Trees.

83419 RUDOLF, P. O. Cold-soaking of jack pine [Pinus banksiana] seeds. J. Forestry 50:626. Aug.1952. 99.8 F768

83420 SETTEN, G. G. K. Eucalyptus robusta Sm. planting trials. Malayan Forester 15:95-97. Apr.1952. 99.8 M292

83421 SIMONDS, W. W. Planting forest trees in Pennsylvania. Pa. State Col. Agr. Ext. C. 404,20 p. May 1952. 275.29 P38C

83422 STEFANSSON, E. Grafting of conifers in the field. (In Swedish.) Svenska Skogsvardsför. Tidskr. 50:194-220. Ref. 1952. 99.8 Sk5

83423 STEIRLY, C. C. Seed trees. Va. Forests 7(3): 6-7. May/June 1952. 99.8 V81

83424 WILMES, L. The setting out of forests and plantings. (In Dutch.) Netherlands. Dir van de Wieringermeer. Verslag 14:17-24. 1952. 290.9 N382
Netherlands.

83425 WRIGHT, J. W. Breeding better trees to plant Pennsylvania. Pa. Forests 37:46-47. Apr./June 1952. 99.8 F763

83426 ZEIDLER, F. Pappelplantagen. Wald 2:11-12. Jan.1952. 99.8 W143

Forest Protection and Damage

83427 ALTHAUS, R. Waldfrevel und waldschutz - einst und heute. Unser Wald 5(6):15-16. June 1952. 99.8 Un7

83428 DAVIES, F. German oak forests and Schutzgemeinschaft Deutscher Wald. Trees [Southampton] 16: 25-26. Summer 1952. 99.8 T714

83429 ROMERO, S. A., and others. Protective functions of forests. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:148-150. 1949,pub.1951. 279.9 Un32P
H. Corothie, E. Delgado, F. Tamayo, and T. Lasser, joint authors.
Protection of forests in Venezuela.

83430 SCHULTE-UENTROP, A. Auswirkung des gesetzes zum schutze des waldes in Nordrhein-Westfalen auf die entwicklung der zusammenschlüsse. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1105-1106. (Cont.) July 17,1952. 18 L2346

83431 SCHULTE-UENTROP, A. Auswirkung des gesetzes zum schutze des waldes in Nordrhein-Westfalen auf die entwicklung der zusammenschlüsse. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1179-1180. (Concl.) July 31,1952. 18 L2346

83432 YOUNGS, G. J. The great windstorm of November 25, 1950. N. Y. State Col. Forestry, Syracuse U. State Ranger Sch. Alumni News 1951:14-15,19. 99.9 N487

Fire

83433 ALLOUARD, P. Forest fire control in tropical countries—experience in Cambodia. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:43-49. 1949, pub.1951. 279.9 Un32P

83434 BEALL, H. W. Some modern aspects of forest fire control in Canada. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:40-43. 1949,pub.1951. 279.9 Un32P

83435 BOULTBEE, R. All in the day's work. Sylva [Toronto] 8(3):21-22. May/June 1952. 99.8 Sy5
Forest fire detection in Canada.

83436 BROWN, A. A. Forest fire control. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5: 34-40. Ref. 1949,pub.1951. 279.9 Un32P

83437 CROMER, D. A. N. Fire weather forecasting in Australia. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:53-55. 1949,pub.1951. 279.9 Un32P

83438 DILLON, J. C. Forest fire causes classified. Sylva [Toronto] 8(3):3-8. May/June 1952. 99.8 Sy5

83439 JOLAIN, R. Protection of forests—forest fire control. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:50-53. 1949,pub.1951. 279.9 Un32P

83440 KOZEL, H. Fire in the slashings. Wis. Conserv. B. 17(7):20-22. July 1952. 279.8 W752

83441 LASTINGER, B. B. Forest fire insurance. (Extr.) J. Forestry 50:627-628. Aug.1952. 99.8 F768

83442 MARKIDES, A. S. Forest fire control. Countryman [Nicosia] 6(6):10-11. June 1952. 25 C83

83443 MATTHEWS, F. M. State forest fire fighters risk lives. Pa. Forests & Waters 4:56,72. May/June 1952. 99.8 P38

83444 NICCOLINI, L. Fires in Maremma. (In Italian.) Monti e Boschi 3:258-261. June 1952. 16 M76
Forest fires.

83445 OPENGO ESCAMILLA, F. El infierno de la foresta. Campo [Tacuba] (ser.2)20(724):46-47,50,52-53. June 30,1952. 8 C157
Fire control.

83446 STEWART, H. The case of the innocent match. Sylva [Toronto] 8(3):23-24. May/June 1952. 99.8 Sy5

83447 U. S. FOREST SERV. Forest fire statistics, 1951. Washington,1952? 14 p. 1.962 C4F76

83448 U. S. FOREST SERV. National forest fire report, calendar year 1951. Washington?1952? unpaged. 1.962 A2N212
Statistics.

Forest Influences

83449 BANERJI, J. Discussion on "the role of vegetation in desert control." Indian Forester 78:376-378. July 1952. 99.8 In2

83450 GOROKHOV, M. I. Effect of forest plantings on the percolation of atmospheric precipitation into the soil. (In Russian.) Les i Step' 3(10):86-88. Oct.1951. 99.8 L565

83451 HESS, E. Torrents and avalanches. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5: 151-155. 1949,pub.1951. 279.9 Un32P

83452 JOVOVIC, N. The protective functions of forests. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:147-148. 1949,pub.1951. 279.9 Un32P
Yugoslavia.

83453 MUNNS, E. N. Protection forestry. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5: 143-146. 1949,pub.1951. 279.9 Un32P
Policy.

83454 PAVARI, A. Control of mountain torrents and avalanches through establishment and maintenance of forest cover. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:168-170. 1949,pub.1951. 279.9 Un32P
Italy.

83455 RANGANATHAN, C. R. Protective functions of forests. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:134-140. Ref. 1949,pub.1951. 279.9 Un32P

83456 RANGANATHAN, C. R. Selection of silvicultural techniques. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:95-100. Ref. 1949,pub.1951. 279.9 Un32P
India.

83457 SUKHAREV, I. P. Water-regulatory role of shelterbelts. (In Russian.) Les i Step' 3(10):25-31. Oct. 1951. 99.8 L565

Miscellaneous Forest Uses

83458 PARKE, W. N. Proper planning of campgrounds and picnic areas. J. Forestry 50:595-600. Aug. 1952. 99.8 F768

83459 POWELL, T. Paradise on your doorstep. Org. Gard. 20(8):18-19,44-46. Aug.1952. 56.8 Or3
Community forests for recreational use and income.

83460 SIEKER, J. National forests welcome you. Ext. Serv. Rev. 23:87. May 1952. 1 Ex892Ex
Recreational use.

83461 WYNTER-BLYTH, M. A. An impression of the present state of the game of the Dhaoladhar Range, the upper Kulu Valley and the Parbati Valley. Indian Forester 78:237-240. May 1952. 99.8 In2

FOREST INDUSTRIES AND TRADE

83462 BLOM, C. New characteristics of British wood import. (In Norwegian.) Norsk Skogindus. 6:212-214. July 1952. 99.82 N81
English summary.

83463 DONNELLY, G. V. Softwood review, freedom and controls in 1951. Timber & Plywood Annu. 1951/52: 26,28,30,32,34. 99.81 T489A

83464 DUBRET, R. Evolution des prix des bois depuis 1914. Bois et Scieries 58:709-711. June 26,1952. 99.81 B632

83465 ELLIOTT, F. A. An industrial forester's viewpoint. Va. Forests 7(3):8-10. May/June 1952. 99.8 V81
Timber selling.

83466 GARABETH. Die freigabe der holzpreise und ihre folgewirkungen auf den bäuerlichen waldbesitz. Bauernwald 6:17-18. June 14,1952. 99.8 B32

83467 HEINRICHS, W. Die lage auf dem nordischen schnittholzmarkt. Internatl. Holzmarkt 43(13):17-18. June 28,1952. 99.81 In82

83468 KARIGL, H. Wald—holz—markt. Bauer 5(26): 4-5. July 26,1952. 19 B32
Wood situation and market in Austria.

83469 LECLAIR, W. J. The romance of lumber. Timber & Plywood Annu. 1951/52:126,128. 99.81 T489A
Canada's forest industry.

83470 LIPPE, F. V. D. Odd wood prices. (In Norwegian.) Skogeieren 39:91. June 15,1952. 99.81 Sk5

83471 THE LUMBERMAN'S handbook and directory of the Southern forest industries, 1952. n.p.,1951. 252 p. 225 L972

83472 NOTES on the utilization and silviculture of the timbers used in wood based industries of India. Indian Forester 78:348-370. (Cont.) July 1952. 99.8 In2

83473 PARLOUR, R. R. New England buys Canadian forest products. Foreign Trade 12(293):17-18. Aug.9, 1952. 286.8 C162

83474 SCHIETHART, L. J. Sale of stumpage and sales tax. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:181. June 1952. 12 N282

83475 THERRELL, J. S. Timber for sale. Miss. State Col. Ext. P. 195,6 p.-folder. June 1951. 275.29 M68Ext

83476 TIMBER and plywood annual 1951-52. London, 1952. 362 p. 99.81 T489A

83477 TINKER, J. M. Industry needs the timber that is not for sale now. South. Lumber J. 56(8):119-120. Aug.1952. 99.81 So8

83478 WILSON, J. H. Looking at Britain's timber trade. Timber & Plywood Annu. 1951/52:36,38. 99.81 T489A

83479 WINKELMANN, H. G. Connaîtrons-nous une nouvelle intervention de l'Etat? Forêt 5:166-167. June 1952. 99.8 F7683
Control of wood prices.

83480 WINKELMANN, H. G. Une politique professionnelle discutable. Forêt 5:186-189. July 1952. 99.8 F7683
Wood prices.

83481 YAMAMURA, Z. Special forest products exports. (In Japanese.) Nōrin Jihō 11(5):24-26. May 1952. 22.5 N772

Lumbering

83482 ABIJAY, F. Progress report on lumbering in Lanao Province. Forestry Leaves 5(3):24. Apr.1952. 99.8 P532

83483 EVEREST, D. C. Reappraisal of lumber barons. Miss. Val. Lumberman 83(51):8-9,13,16. Aug.8, 1952. 99.81 M69

83484 LIGHTSEY, E. O. Progress in production. South. Lumber J. 56(8):18,96. Aug.1952. 99.81 So8
Lumber industry.

83485 MICHAEL, F. Holzeinschlag in nordamerikanischen wäldern. Holz-Zentbl. 78:1305. Aug.2,1952. 99.81 H742

83486 ROCHESTER, G. H. Canada's lumber industry. Canada Lumberman 72(7):46,54. July 1952. 99.81 C16

Lumbering Equipment

83487 FOBES, E. W. Recent developments in portable debarkers. Canad. Pulp & Paper Indus. 5(8):8-10,36. Aug.1952. 302.8 W52

83488 SCHMIED, H. Die räumflanken des eulerzahnes. Mitt. der Forstl. Bundes-Versanst. Mariabrunn 47:23-37. 1951. 99.8 M69

Logging

83489 BUSH, H. Blowdown timber salvage on Green Mountain National Forest, Vermont. N. Y. State Col. Forestry, Syracuse U. State Ranger Sch. Alumni News 1951:9-13. 99.9 N487

83490 COLLARDET, J. Log transportation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5: 249-253. 1949,pub.1951. 279.9 Un32P

83491 DOYLE, J. A. Too much waste! Canada Lumberman 72(8):32-33,72. Aug.1952. 99.81 C16

83492 DRAKE, G. L., and others. Improvements in logging techniques in the United States. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:234-242. 1949,pub.1951. 279.9 Un32P
F. C. Simmons, M. H. Collet, and E. E. Matson, joint authors.

83493 GAZONNAUD, P. Log transportation in tropical forest exploitation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:253-256. 1949,pub.1951. 279.9 Un32P

83494 HALE, J. D., and MCINTOSH, D. C. Treatment of trees with toxic chemicals to facilitate removal of bark and to reduce weight. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:247-249. 1949,pub. 1951. 279.9 Un32P
Pulpwood.

83495 KILCHENMANN, H. R. Des câbles pour traîner les billes. Forêt 5:184-186. July 1952. 99.8 F7683

83496 KRUEGER, M. Harvesting the forest crop: log transportation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:257-259. 1949,pub.1951. 279.9 Un32P
By truck.

83497 MCCRAW, W. E. By building better roads the logging operator can save on his overall costs. Canada Lumberman 72(8):34-35,62. Aug.1952. 99.81 C16

83498 MCNALLY, J. A. A log transportation project in eastern Canada. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:260-263. 1949,pub.1951. 279.9 Un32P
By truck.

83499 MEGILLE, X. DE. Les derniers progrès dans le débardage direct des coupes par cables aériens. Rev. du Bois 7(7/8):12-17. July/Aug.1952. 99.82 R32

83500 MEYR, R. Bericht über die bringungsarbeiten mit dem "Mariabrunner seilgerät" im jahre 1951. Mitt. der Forstl. Bundes-Versanst. Mariabrunn 47:106-110. 1951. 99.8 M69

83501 TAMESIS, F. Improvements in logging techniques. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:243-246. Ref. 1949,pub.1951. 279.9 Un32P
Philippines.

83502 WOODFORD, A. J., and MASON, C. E. Logging under the Webb convenant. N. Y. State Conserv. 7:6-7. Aug./Sept.1952. 279.8 N48

83503 ZIEGER, E. Probleme der forstlichen nutzungstechnik. Deut. Agrartech. 2:72-73. Mar.1952. 58.8 D482

Sawmills

83504 ANTOINE, R. Saw-mill techniques in Belgium. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:231-233. 1949,pub.1951. 279.9 Un32P

83505 BALLING, W. Der grösste sägewerksbetrieb der USA. Holz-Zentbl. 78:315-317. Feb.23,1952. 99.81 H742

83506 ENTRICAN, A. R. Sawmill techniques in the conservation of forest resources. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:225-227. 1949,pub.1951. 279.9 Un32P
New Zealand.

83507 FORBES, R. H. Two x four sawmill. Diesel Power & Diesel Transportation 30(7):60-61. July 1952. 291.8 D562
Run by Diesel power.

83508 GOHLKE, T. Rundholzausnützungsfaktor und rundholzmindestzopfdurchmesser. Norddeut. Holzwirt. 6(24):6-7. June 12,1952. 99.82 N75

83509 HYLAND, J. The rudiments of sawmilling. 2. Timber News 60:346-348. July 1952. 99.81 T482
From The Denny Log.

83510 HYLER, J. E. Sawmill carriages and auxiliaries. South. Lumberman 185(2313):41-43. Aug.15,1952. 99.81 So82

83511 KASTMARK, C. F. A brief account of the progress of the Swedish saw mill industry. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5: 230. 1949,pub.1951. 279.9 Un32P

83512 KING, W. W. Now you can estimate your sawmill residues. Gulf Coast Lumberman 40(9):24-25,35-36. Aug.1, 1952. 99.81 G95

83513 KOLLMANN, F. Neuzeitliche maschinen der deutschen holzindustrie. Paperi ja Puu. B 34:241-243. June 15,1952. 302.8 P1991

83514 MATER, M. H. Simple mechanization of sawmill. South. Lumberman 185(2313):72,74-75. Aug.15, 1952. 99.81 So82

83515 SIMMONS, F. C. Sawmill techniques. United Nations Sci. Conf. Conserv. & Util. Resources Proc. 5: 217-224. Ref. 1949,pub.1951. 279.9 Un32P

83516 STOREY, C. H., JR. Magnetic amplifiers as applied to sawmill carriage drives. Lumberman 79(8): 109-110,139. Aug.1952. 99.81 W52

83517 WANARAKS, P. A. Sawmill techniques. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:227-230. 1949,pub.1951. 279.9 Un32P
Thailand.

Processing and Woodworking

83518 FESSEL, F. Maschinen zur spanlosen holzformung. Holz als Roh- u. Werkst. 10:157-170. Ref. Apr.1952. 99.81 H74

83519 FRONIUS, K. Sägewerksmaschinen auf der Technischen Messe Hannover 1952. Holz als Roh- u. Werkst. 10:138-144. Apr.1952. 99.81 H74

83520 HORDERN, R. H. The technology of woodwork costing. 9. The effect of transition from hand to machine. Wood [London] 17:278-281. July 1952. 99.82 W855

83521 TÖGEL, K. Erhaltung und entwicklung der produktivität in der holzverarbeitenden industrie. Norddeut. Holzwirt. 6(24):1-2. June 12,1952. 99.82 N75

83522 WEINGARTEN, H. Die neue verdingungsordnung für bauleistungen und die holzverarbeitende industrie. Norddeut. Holzwirt. 6(24):4-5. June 12,1952. 99.82 N75

Seasoning, Conditioning and Finishing

83523 AUSTRALIA. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION. DIV. OF FOREST PRODUCTS. The moisture distribution in boards of E. regnans during kiln and vacuum drying. I., by M. Grumach. South Melbourne,1951. 10 p. (Its Sub-Project S7-1, Progress Report No. 4, Expt. S.7-1-Y-2.) 300 Au7Va

83524 AUSTRALIA. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION. DIV. OF FOREST PRODUCTS. The vacuum-liquid drying of Australian hardwoods. I., by M. Grumach. South Melbourne,1951. 10 p. (Its Sub-Project S.7-1, Progress Report No. 5, Expt. S.7-1-Y-3.) 300 Au7Va

83525 EISENMANN, E. Fahrplanmässiges holztrocknen in der praxis. Holz-Zentbl. 78:261. (Concl.) Feb.14,1952. 99.81 H742

83526 KIEFER, O. Ein neuer weg der hochtemperaturtrocknung. Internatl. Holzmarkt 43(13):15. June 28, 1952. 99.81 In82

83527 KOLLMANN, F. Untersuchungen über die trocknung von kiefernschnittholz mit erhöhten temperaturen. Svenska Träforskinst. Trätek. Avd. Meddel. 23, 40 p. 1952. 99.9 St6

83528 SALOMON, R. Le séchage des bois et le contrôle des opérations. Rev. Internatl. du Bois 19(170): 11-13. June/July 1952. 99.8 R326

83529 STURANY, H. Strömungsfragen beim trocknen von holz. Holz als Roh- u. Werkst. 10:201-207. May 1952. 99.81 H74

83530 TIEMANN, H. D. The kiln-drying of lumber. 44. How water moves in drying. South. Lumberman 185 (2313):56,58. (Cont.) Aug.15,1952. 99.81 So82

83531 TORGESON, O. W. Does weighting reduce warping in kiln drying of hardwoods? Canada Lumberman 72(8):40,42. Aug.1952. 99.81 C16

Wood Preservation and Damage

83532 AUSTRALIA. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION. DIV. OF FOREST PRODUCTS. Tests of fence post treatments in New South Wales using E. pilularis, E. grandis, and E. maculata round fence posts. 1951 inspection by J. Beesley and G. W. Tack. South Melbourne,1951. 7 p. 300 Au7Ser

83533 CONKLIN, D. B. The development and prevention of sapstain in softwoods. South. Lumberman 185 (2312):42-43. Aug.1,1952. 99.81 So82

83534 COPE, J. D. Dry rot in buildings. Housecraft 25:130-131. July 1952. 321.8 H817

83535 DALLAS-COPE, J. Preservation of wood. 2. Milk Indus. 33:89-91. July 1952. 44.8 M593

83536 HARKOM, J. F. Preservation of wood. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5: 284-286. Ref. 1949,pub.1951. 279.9 Un32P

83537 HARROW, K. M. Impregnation of Pinus radiata D. Don building timber with boric acid by diffusion. New Zeal. J. Sci. & Technol. B, Gen. Res. Sect. 33: 471-482. May 1952. 514 N48B

83538 JACQUIOT, C. The main problems of timber protection in France. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:283-284. 1949,pub.1951. 279.9 Un32P

83539 KRISHNA, S., and NARAYANAMURTI, D. Preservation of wood, methods of wood preservation and their uses with special references to over-all economies in consumption. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:271-276. Ref. 1949,pub.1951. 279.9 Un32P
India.

83540 MANN, R. H. Wood preservation in the United States and its relation to the conservation of American forests. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:288-289. 1949,pub.1951. 279.9 Un32P

83541 MEYER, F. J., and GOOCH, R. M. Pentachlorophenol grease for preserving poles. Elect. Light & Power 30(8):108-111. Aug.1952. 335.8 EL243

83542 NARAYANAMURTI, D., and others. Weathering trials on some synthetic resin bonded aircraft components. Indian Forester 78:244-251. May 1952. 99.8 In2
J. George, N. Subramanyan, and N. R. Das, joint authors.

83543 PEYRESAUBES, R. Evolution de la traverse en bois injecte. Rev. Internatl. du Bois 19(170):3,5-6. June/July 1952. 99.8 R326

83544 RAY, J. N. Methods of wood preservation and their uses with reference to over-all economies in consumption. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:276-278. 1949,pub.1951. 279.9 Un32P
India.

83545 RENNERFELT, E. The preservation of wood. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:287. 1949,pub.1951. 279.9 Un32P
Sweden.

83546 RICHARDSON, N. A. The natural durability and preservation of timber. Timber & Plywood Annu. 1951/52:93-94,96,98. 99.81 T489A

83547 RICHARDSON, N. A. Wood preservation in Great Britain. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:269-270. 1949,pub.1951. 279.9 Un32P

83548 ROTHWELL, W. Preservation of railway sleepers. Austral. Timber J. 18:189,191,193,195-196, 198,201. Apr.1952. 99.81 Au7

83549 SALLENAVE, P. Protection of logs after felling in tropical forests. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:279-282. Ref. 1949, pub.1951. 279.9 Un32P

83550 STACEY, W. A. Old pile trestles on Rock Island lines. Wood Preserv. News 30:72-73,82. July 1952. 300.8 W853
Pressure treated.

83551 SUOLAHTI, O. Prevention of rot in wood. (In Finnish.) Teho 5:249-252. 1952. 20 T98
English summary, p. 278.

83552 VAROSSIEAU, W. W. Wood for water installations. (In Dutch.) In Beekman, W. B. Hout in alle tijden, v. 4,p.377-394. Ref. Djakarta,Kluwer,1952. 99.79 B39
Includes Teredo.

FOREST PRODUCTS

83553 BEEKMAN, W. B. Simple, but very important wood products. (In Dutch.) In his Hout in alle tijden, v. 4, p. 325-375. Ref. Djakarta, Kluwer,1952. 99.79 B39

83554 DESCARTES DE GARCIA PAULA, R. The rational exploitation of Paraná pine [Araucaria angustifolia]. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:315-317. 1949,pub.1951. 279.9 Un32P

83555 ENGLAND, R. F. Measuring the unused wood resources of Washington. J. Forestry 50:611-613. Aug. 1952. 99.8 F768

83556 HESS, R. W. Tropical woods and their uses. Canad. Woodworker 52(7):30-31,48,50-51. July 1952. 99.82 C162

83557 HOTTA, K. Forest by-products for industrial use. (In Japanese.) Norin Jiho 11(5):27-29. May 1952. 22.5 N772

83558 HUMMELGREN, E. Sweden's forest products laboratory. Amer. Swedish Mon. 46(7):9,26-28. July 1952. 286.8 Sw3

83559 KRAEMER, J. H. Wood conservation bibliography; a selection of references in the field of production and utilization of lumber and other wood products. U. S. Dept. Com. Dom. Com. Ser. 30,77 p. 1952. 157.54 D33

83560 ROACH, D. J. A scientific approach to wood. 5. Utilization of wood waste. (2). Timber News 60:335-336. July 1952. 99.81 T482

83561 SCOTT, M. H. Some aspects of timber utilization in the Union. III. Trees So. Africa 3(4):15-16,23. Jan./Mar.1952. 99.8 T716

83562 STAMM, A. J. Utilization of wood waste and bark. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:296-302. Ref. 1949,pub.1951. 279.9 Un32P

83563 TURNBULL, R. F. Wood waste and bark utilization in Australia. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:311-312. 1949,pub.1951. 279.9 Un32P

83564 VILLIÈRE, A. La récupération des déchets de bois au Canada. Rev. du Bois 7(7/8):24-26. (Concl.) July/Aug.1952. 99.82 R32

Lumber and Rough Products

83565 COOK, G. V. Is treated wood the answer? Amer. Lumberman & Bldg. Prod. Merchandiser 3498: 42,82,84. Aug.25,1952. 99.81 Am3
To increase lumber sales in termite problem Southern States.

83566 DESCH, H. E. Timber names. Lack of system in selection confusing the consumer, use of standard names advocated. Timber Trades J. 202:959-960,972. (Concl.) Aug.9,1952. 99.81 T48

83567 ERNST. Rundholzmarkt und forstliche verkaufspolitik. Norddeut. Holzwirt. 6(20):4-5. May 15, 1952. 99.82 N75

83568 FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Report on the first timber grading school (held in Malaya, January-February 1952), by C. O. Flemmich. Malayan Forester 15:80-88. Apr. 1952. 99.8 M292

83569 GANCHEV, A. The method for establishing external purity (from knots) of trunks of white pine plantings, for the purpose of determining the quality of obtained assortments. (In Bulgarian.) Bulgarska Akad. na Nauk. Biol. Inst. Izv. 2:139-174. Ref. 1951. 442.9 B87

83570 HYLER, J. E. Lumber handling. South. Lumberman 185(2313):60,62,64-66,68,70. Aug.15,1952. 99.81 So82

83571 KNIGHT, E., and COOK, D. Degrade of ponderosa pine common lumber as related to moisture content. Lumberman 79(7):102,104-106,108. July 1952. 99.81 W52

83572 LIMAYE, V. D. The timber grading school at Singapore. Indian Forester 78:252. May 1952. 99.8 In2
Teak.

83573 METCALF, M. E. Lumber production approaches all-time record for Northern Rocky Mountain region. U. S. Forest Serv. North Rocky Mountain Forest & Range Expt. Sta. Res. Note 103,rev.,4 p. June 1952. 1.9622 n3R31

83574 SOELEN, J. C. S. VAN. Mine timber, before and now. (In Dutch.) In Beekman, W. B. Hout in alle tijden, v.4, p.395-441. Ref. Djakarta,Kluwer,1952. 99.79 W39

83575 UMEDA, R. Fuel-wood and charcoal demand and supply situations. (In Japanese.) Norin Jihō 11(5): 17-23. May 1952. 22.5 N772

83576 U. S. FOREST SERV. NORTHEASTERN FOREST EXPERIMENT STATION. The grading of logs and trees; a bibliography compiled for the Log Grade Committee, U. S. Forest Service, by F. J. Flick. Upper Darby,1952. 16 p. 1.9622 N2G75

83577 YOSHIDA, S. Recent lumber situation. (In Japanese.) Norin Jihō 11(5):9-15. May 1952. 22.5 N772

Building Construction

83578 MASON, J. W. El papel de la madera en las edificaciones europeas. Montes 8:193-194. May/June 1952. 99.8 M763

83579 REECE, P. O. Structural use of timber. (Extr.) Timber & Plywood Annu. 1951/52:134. 99.81 T489A

83580 STONEBURNER, P. W. Three-member joints for nailed trussed rafters. Agr. Engin. 33:477-481,486. Aug.1952. 58.8 Ag83

Veneers, Plywood and Adhesives

83581 BAILEY, N. Veneer and plywood: flexible-bag molding of boats. Wood Working Digest 54:141-144,146, 148,150,152,154-155. Aug.1952. 99.82 W87

83582 BANERJI, J. Planning for the Indian plywood industry. Indian Forester 78:231-236. May 1952. 99.8 In2

83583 BERGIN, E. G. Glue joint failures and their causes. Austral. Timber J. 18:103-104,106. Mar.1952. 99.81 Au7

83584 ENZENSBERGER, W. Probleme der furnierfugenverleimung. Holz-Zentbl. 78:1137. July 3,1952. 99.81 H742

83585 HYLER, J. E. Handling methods important in cold pressing plywood. Veneers & Plywood 46(8):20,22, 26-27. Aug.1952. 99.82 V55

83586 JAY, B. A. Exterior plywood. T. D. A. Q. Rev. 3(6):21,24. July 1952. 99.9 T48T

83587 KNIGHT, R. A. G. Plywood and the architect. (Extr.) Timber & Plywood Annu. 1951/52:200,202. 99.81 T489A

83588 METCALFE, L. S. Pressure treatment widens uses of plywood in canning plant construction. Canner 115(2):12,16. July 12,1952. 286.83 C16

83589 PERRY, T. D. Unusual hot presses. Wood Working Digest 54:129-131,134,136-138. Aug.1952. 99.82 W87

83590 RAZOUS, P. Aperçus sur les placages et les contreplaqués. Bois et Scieries 58:695,745. (Cont.) June 19,July 3,1952. 99.81 B632

83591 RODWAY, H. G. Advances in synthetic glues. Timber & Plywood Annu. 1951/52:182,184,186,188,190, 192. 99.81 T489A

83592 SAKS, E. V. Maple deserves the nod in search for new veneer stock. Veneers & Plywood 46(8):14-15. Aug.1952. 99.82 V55

83593 VIART, F. Collage du bois par radio-fréquence. Rev. du Bois 7(7/8):18-23. (Cont.) July/Aug. 1952. 99.82 R32

Furniture

83594 JOEL, D. Furniture timbers in relation to contemporary design. 1. Wood [London] 17:274-276. July 1952. 99.82 W855

Containers

83595 BOOTH, F. L. Panel heads replace solid wood in box construction. Veneers & Plywood 46(8):32-34. Aug.1952. 99.82 V55

83596 HYLER, J. E. Veneer container production. South. Lumberman 185(2312):51-52,54,58,60,64,70. Aug.1,1952. 99.81 So82

83597 LEONARD, R. O. Western pine region woods produced in 12-state area. Wooden Box & Crate 14(4):18-21,40. July/Aug.1952. 99.82 W857

83598 WEIDNER, J. P. Manufacturing board for folding cartons. Tappi 35(8):20A,22A,24A. Aug.1952. 302.8 T162

Pulp and Paper

83599 ABADIE, F. A., and ELLEFSEN, Ø. Correspondence between the content of alpha cellulose and the content of the «A»-fraction, i.e. the fraction of nitrated cellulose which is precipitable in water when dissolved in acetone. Norsk Skogindus. 6:192-195. Ref. July 1952. 99.82 N81

83600 ATCHISON, J. E. Europe's paper problems. Timber Prod. Assoc. Mon. B. 7(11):4-5. July 1952. 99.9 T482

83601 AUCHTER, R. J. Trends in the use of groundwood for the production of magazine book, catalog, directory and allied papers. Tappi 35(8):106A-107A. Aug.1952. 302.8 T162

83602 BEAMESDERFER, J. W., and others. Dye adsorption on wood pulp. I-II. Tappi 35:374-384. Ref. Aug.1952. 302.8 T162
E. F. Thode, A. J. Chase, and R. E. Hubbard, Jr., joint authors.

83603 BHAT, R. V., and VIRMANI, K. C. Indigenous cellulosic raw materials for the production of pulp, paper and board. IX. Newsprint grade mechanical pulp from Sterculia campanulata (papita). Indian Forester 78:222-228. May 1952. 99.8 In2

83604 BHAT, R. V., and KARNIK, M. G. Indigenous cellulosic raw materials for the production of pulp, paper and board. XI. Chemical pulps from Andropogon contortus, Linn. (kusal grass). Indian Forester 78:331-338. July 1952. 99.8 In2

83605 BOOTH, K. G. A new report on a new chemical pulping process, ammonia sulphite process. Pulp & Paper 26(9):80,82,84. Aug.1952. 302.8 P11

83606 BOYCE, C. W. Future expansion of pulp production. Paper Mill News 75(33):10-12,14,16,21-22. Aug.16,1952. 302.8 P195

83607 CASEY, J. P. Pulp and paper: chemistry and chemical technology. Volume II, Properties of paper and converting. New York,Intersci.,1952. p.797-1405. 302 C26

83608 COLE, G. G. Fields for groundwood in the manufacture of napkins, tissue, and toweling. Tappi 35(8):107A-108A. Aug.1952. 302.8 T162

83609 FINEMAN, M. N. The role of the hemicelluloses in the mechanism of wet strength. Tappi 35:320-324. Ref. July 1952. 302.8 T162

83610 GALLOWAY, J. R., and others. A new method for the addition of neoprene latex to paper pulp. Tappi 35:357-360. Aug.1952. 302.8 T162
R. H. Walsh, J. Burt, J. S. Hickman, and R. E. Shrader, joint authors.

83611 GIBBON, E. R. Iodine vapour test for pulp and paper. Paper-Maker & Brit. Paper Trade J. 124:26-27. July 1952. 302.8 P1922

83612 HÄGGLUND, E. Improved pulping processes—utilization of waste liquors. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:289-291. 1949,pub. 1951. 279.9 Un32P

83613 JONES, M. R. Recent improvements in the production of groundwood for newsprint manufacture. Tappi 35(8):105A-106A. Aug.1952. 302.8 T162

83614 LIMERICK, J. M. The properties of high yield kraft pulps produced at Bathurst. Tappi 35:297-301. July 1952. 302.8 T162

83615 LUNA ERCILLA, C. A. La celulosa y el papel. Pampa Argentina 24(284):10. Aug.1951. 9 P19

83616 MAASS, O. Some underlying factors involved in the process for woodpulp production. Chem. Canada 4:127-134. July 1952. 381 C4236

83617 MCEWEN, J. M. Acid pulping strainer and circulation survey. Tappi 35:361-364. Aug.1952. 302.8 T162

83618 MURTO, J. O. The Finnish wood as raw material for pulp and paper. (In Finnish.) Paperi ja Puu. B 34:237-240. (Cont.) June 15,1952. 302.8 P1991
English summary.

83619 NELSON, G. H., TALLEY, L. E., and ARONOVSKY, S. I. Bleaching studies on monosulphite wheat straw pulp. Tappi 35:301-305. July 1952. 302.8 T162

83620 OSKARSSON, R. On determinations of mechanical pulp in paper and board. Svensk Papperstidn. 55:426-431. June 30,1952. 302.8 Sv2

83621 PINEO, M. B. Kraft pulping variables, there is no substitute for uniform operation. Pulp & Paper 26(9):75-76. Aug.1952. 302.8 P11

83622 PINEO, M. B. Variables in kraft pulping. Paper Mill News 75(32):8,10,15. Aug.9,1952. 302.8 P195

83623 PREMO, R. A. Peroxide bleaching of groundwood. Tappi 35(8):108A-109A. Aug.1952. 302.8 T162

83624 QVEFLANDER, T. An automatic slitting-cutting- and baling machine, system Q/S, for wet mechanical woodpulp at Karkula Mills, Karhula. Paperi ja Puu. B 34:246,248. June 15,1952. 302.8 P1991

83625 RALSTON, J. M., and KLEIN, M. Methods of checking wood and chip quality. Tappi 35:294-297. July 1952. 302.8 T162

83626 RITCHIE, J. L. United States requirements of wood pulp for papermaking. Tappi 35(8):10A,12A,14A, 16A. Aug.1952. 302.8 T162

83627 SHIUE, C. J. Pulpwood conservation in Formosa. Forests & People 2(2):21,39. Apr.1952. 99.8 F7628

83628 SPERRE, A. Recent developments in the mechanical pulp industry. (In Norwegian.) Norsk Skogindus. 6:196-202,205,207. July 1952. 99.82 N81
English summary.

83629 STEPHEN, H. W. Studies of variability in a kraft mill. Tappi 35:367-370. Aug.1952. 302.8 T162

83630 WEST, C. J., comp. Pulp and paper manufacture; bibliography, 1951 and United States patents 1950-1951. New York,1952. 420 p. 241.4 W52Pa

83631 WOOD, H. F., JR. Factors affecting chipper knife performance. Tappi 35(8):153A-155A. Aug.1952. 302.8 T162

Chemical Products and Distillates

83632 ANDERSON, H. The tannins of certain eucalypt species and Pinus radiata. Soc. Leather Trades' Chem. J. 36:211-217. July 1952. 303.9 So12

83633 COOK, D. B., and MILLER, R. B. Pit burning charcoal. N. Y. State Conserv. 7:24-25. Aug./Sept. 1952. 279.8 N48

83634 ELDRIDGE, J. W., and SELDEN, M. G. Coating ingredients from tall oil. Tappi 35:134A-135A. July 1952. 302.8 T162

83635 HILLIS, W. E. The tanning material situation. Forest Prod. News Let. 188:1-3. Nov./Dec.1951. 99.9 Au722F

83636 HOLZER, W. F. The chemical utilization of wood in the United States. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:292-296. Ref. 1949, pub.1951. 279.9 Un32P

83637 JAKOBSON, T. Tallöl oder flüssiges Harz; eine literaturübersicht. Svensk Papperstidn. 55:432-438. (Cont.) June 30,1952. 302.8 Sv2

83638 PUTNAM, R. C. The chemistry of vegetable tannins. II. Quebracho. Amer. Leather Chem. Assoc. J. 42:474-477. July 1952. 303.9 Am32

83639 PUTNAM, R. C., and GENSLER, W. J. The chemistry of vegetable tannins. III. Wattle. Amer. Leather Chem. Assoc. J. 42:478-481. July 1952. 303.9 Am32

83640 ROUX, D. G. A note on spectrophotometric methods of tannin analysis for black wattle tannins. Soc. Leather Trades' Chem. J. 36:210. July 1952. 303.9 So12

83641 SCHMIDT, O. T. Sammelreferat über neue ergebnisse der chemischen erforschung von naturgerbstoffen. Leder 3:133-135. Ref. June 1952. 303.8 L492
English summary.

83642 TAKEMORI, T. Studies on carbonization of wood. II. (In Japanese.) Shizuoka U. Fac. Agr. Rpt. 1:90-96. 1951. 107.6 Iw92
English summary.

83643 WHITE, T., KIRBY, K. S., and KNOWLES, E. Tannins. IV. The complexity of tannin extract composition. Soc. Leather Trades' Chem. J. 36:148-154. Ref. May 1952. 303.9 So12
Quebracho and mimosa.

Naval Stores

83644 DUSENBURY, M. R., and REESE, J. E. Some observations on sulphate turpentine recovery. Tappi 35: 365-367. Aug.1952. 302.8 T162

83645 GROCHOWSKI, W. Charakterystyka wycieku zywicysosnowej. Characteristic of outflow of pine resin. Inst. Badawczy Leśn. Prace 72,152 p. Ref. 1951. 99.9 W26
English summary.

83646 TERZIC, D. Les resultats des experiments de deux ans en extraction de la resine du pin noir et du pin silvestre (Pinus nigra Arn. et Pinus sylvestris L.). (In Serbo-Croatian.) Inst. za Naučna Šumarska Istraživanja. Godišnjak 1:106-146. 1951. 99.9 B65
French summary.

83647 TERZIĆ, D. Les resultats d'un resinage experimental dans la duree d'une annee sur l'epicea (Picea excelesa Lk). (In Serbo-Croatian.) Inst. za Naučna Šumarska Istraživanja. Godišnjak 1:200-210. 1951. 99.9 B65
French summary.

Other Forest Products

83648 ANT-WUORINEN, O. Chemical utilization of wood. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:303-304. 1949,pub.1951. 279.9 Un32P
Finland.

83649 CARNEIRO, A. E. Comparative study of corkboard with other insulating materials. (In Portuguese.) Portugal. Junta Nac. da Cortica. B. 14:219-223. (Cont.) June 1952. 309.9 J96
English summary, p. XLII.

83650 DAPROZA, J. Save the edible fruit-bearing tree in the forest. Forestry Leaves 5(3):23,28. Apr. 1952. 99.8 P532

83651 DARWIN, W. N. Molasses from low grade hardwoods. Forests & People 2(2):16-17. Apr.1952. 99.8 F7628

83652 ENCARNAÇÃO, D. A. DA. Australian market. (In Portuguese.) Portugal. Junta Nac. da Cortica. B. 14: 213-217. June 1952. 309.9 J96
English summary, p. XLII.

83653 FERNÁNDEZ-CANO, L. H., and REUS CID, A. Aplicación del sistema Waldhof a los prehidrolizados de eucalipto. Rev. de Cien. Apl. 6:37-48,124-129. Ref. Jan./Feb.-Mar./Apr.1952. 475 R324
For wood yeast.

83654 FICKLER, H. H. Der stand der entwicklung von prüfungsrichtlinien für die eigenschaften von holzfaserplatten. Holz als Roh- u. Werkst. 10:207-219. May 1952. 99.81 H74

83655 FITZGERALD, O. A. Cash from slash. Amer. Forests 58(8):16-17,30. Aug.1952. 99.8 F762
Portable chipper.

83656 HERITAGE, C. C., and LOCKE, E. G. Utilization of sawmill refuse and bark. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:305-311. Ref. 1949,pub.1951. 279.9 Un32P
For fiberboard, wood molasses, alcohol and yeast.

83657 HUNTER, R. S. Light reflection measurements applicable to the surfaces of wallboard. Tappi 35:325-331. Ref. July 1952. 302.8 T162

83658 PERHUSEN, K. R. Swedish experiments in the manufacture of synthetic food from forest waste products. (In Swedish.) Skogen [Stockholm] 39:149. July 1,1952. 99.8 Sk51

83659 RITTER, E. J. Wirtschaftlichkeitsgrenzen für spanplattenanlagen. Holz-Zentbl. 78:429-430. Mar.13, 1952. 99.81 H742

83660 STOKES, D. D. Wood waste board manufacture. Canad. Woodworker 52(7):29,62-63,65. July 1952. 99.82 C162

WOOD TECHNOLOGY

83661 CAMPBELL, W. G., and MCDONALD, I. R. C. The chemistry of the wood cell wall. I. The delignification of beech and spruce woods by sodium chlorite in buffered aqueous solution. Chem. Soc. J., July 1952: 2644-2650. 382 L84J

83662 CARDERERA, E. Estudio del "Pinus strobus" L. para su aprovechamiento celulósico. Spain. Inst. Forest. de Invest. y Exper. B. 23(60),19 p. 1952. 99.9 Sp1
English summary.

83663 FREUDENBERG, K. Uber natürliches und künstliches lignin. (Abs.) Angew. Chem. 64:353-354. July 7,1952. 384 Z33

83664 GILLET, A., and URLINGS, J. Pyrolyse comparée du bois, de la cellulose, de la lignine et des houilles. 2. Chim. & Indus. 68:55-60. July 1952. 383 C42

83665 HESS, C. L. An investigation of the homogeneity of isolated native black spruce lignin. Tappi 35: 312-320. Ref. July 1952. 302.8 T162

83666 JONES, J. K. N., and WISE, L. E. The hemicelluloses present in aspen wood (Populus tremuloides). I. Chem. Soc. J., July 1952:2750-2755. 382 L84J

83667 KEYLWERTH, R. Iroko. Afrika. Holz als Roh- u. Werkst. 10:225-226. May 1952. 99.81 H74

83668 KLOOT, N. H. A micro-testing technique for wood. Austral. J. Appl. Sci. 3:125-143. Ref. June 1952. 475 Au74

83669 KLOOT, N. H. Too good to burn! Forest Prod. News Let. 188:3-4. Nov./Dec.1951. 99.9 Au722F
Toxylon pomiferum [i. e. Maclura pomifera].

83670 KUDZIN, S. F. Studies on lignins of woods and jute. Fordham U. Diss. 18:23-25. 1951. 241.8 F75

83671 LIESE, W., and FAHNENBROCK, M. Elektronenmikroskopische untersuchungen über den bau der hoftüpfel. Holz als Roh- u. Werkst. 10:197-201. Ref. May 1952. 99.81 H74

83672 MULLER, O., and DOBBERSTEIN, H. Beiträge zur chemie des buchenholzes. V. Untersuchung der hydrolyse des buchenholzes durch kontinuierliche leitfähigkeitsmessung. Makromolekulare Chem. 8:156-177. July 1952. 384 M28

83673 SCHMIDT, E. Brasilkiefer Araucaria angustifolia O. Ktze. Familie Araucariaceae. Uberseehölzer 31, 4 p. 1952. 99.82 Ub3

83674 SCHMIDT, E. Cedro Cedrela spec. Familie Meliaceae. Uberseehölzer 32,4 p. 1952. 99.82 Ub3

83675 SMITH, W. R., and GOEBEL, N. B. The moisture content of green hickory [Carya]. J. Forestry 50: 616-618. Aug.1952. 99.8 F768

83676 THOMPSON, J. O., and WISE, L. E. Some molecular properties of the hemicelluloses of big tooth aspen [Populus grandidentata]. Tappi 35:331-336. Ref. July 1952. 302.8 T162

Properties and Structure

83677 ARMSTRONG, F. H. Flooring tests, qualities of timbers used in floors. Timber & Plywood Annu. 1951/52:76,78,80,82,84. 99.81 T489A

83678 HYLER, J. E. Characteristics of tough woods. South. Lumberman 185(2313):47-48,50,52. Aug.15,1952. 99.81 So82

83679 JANE, F. W. The structure of timbers of the world. 12. Timber News 60:332-334,339. July 1952. 99.81 T482

83680 JOHNSTON, D. R. The anatomy of some species of Tabebuia. Timber News 60:337-338. (Cont.) July 1952. 99.81 T482

83681 KOLLMANN, F. Uber die abhängigkeit einiger mechanischer eigenschaften der hölzer von der zeit, von kerben und von der temperatur. I. Der einfluss der zeit auf die mechanischen eigenschaften der hölzer. Holz als Roh- u. Werkst. 10:187-197. Ref. May 1952. 99.81 H74

83682 LIMAYE, V. D. Timber for sports goods, interim report on the strength of timber from mulberry plantations. Indian Forester 78:371-375. July 1952. 99.8 In2
Morus species.

83683 PEARSON, R. G. Variability of timber and the derivation of design stresses. Austral. J. Appl. Sci. 3:144-153. June 1952. 475 Au74

83684 PILLOW, M. Y. Effects of tension wood in hardwood lumber and veneer. South. Lumberman 185 (2312):44,46,48-49. Aug.1,1952. 99.81 So82

83685 SMITH, A. Colouration in wood. Wood [London] 17:277. July 1952. 99.82 W855

83686 WILLIAMS, E. J. Applications of component analysis to the study of properties of timber. Austral. J. Appl. Sci. 3:101-124. June 1952. 475 Au74

83687 WOODS, R. P. Timber decking on the M. V. Nottingham. T. D. A. Q. Rev. 3(6);18-19. July 1952. 99.9 T48T

83688 ZENTGRAF, E. Uber die empfindlichkeit der holzarten gegen splitterschäden. Allg. Forst- u. Jagdztg. 123:233-234. Aug.15,1952. 99.8 AL3

ANIMAL INDUSTRY

References on processing, distribution, economic aspects and statistics of livestock and livestock products are classified with Agricultural Products; references on housing of livestock with Agricultural Engineering.

BREEDS AND BREEDING

83689 BONADONNA, T. The role of the veterinary surgeon in the practice of artificial insemination. Internatl. Vet. Cong. Rpt. 14(3):228-233. 1949,pub.1952. 41.9 In844

83690 CAROCCI BUZI, V. The Institute of Animal Breeding in Iran. (In Italian.) Zootec. e Vet. 7:80-82. Mar.1952. 41.8 Z7

83691 DANKENBRING, R. Look what we're doing to livestock. Farm J. 76(9):52-53,56,151. Sept.1952. 6 F2212
Changes through breeding.

83692 DIETZ, A. Gedanken zur frühjahrshauptkörung. Landwirt. Z. der Nord-Rheinprov. 119:710-711. July 5,1952. 18 L2344

83693 DOMINGUES, O. How Julian Huxley sees evolution. (In Portuguese.) Agronomia [Rio de Janeiro] 10:249-252. Oct./Dec.1951. 9.2 Ag892
Article makes reference to livestock breeding.

83694 ESCHINI, E. Activity of the artificial insemination center in Rosignano Marittimo. (In Italian.) Zootec. e Vet. 7:83-88. Mar.1952. 41.8 Z7

83695 FIGUEROA INFANTE, J. Factores letales y subletales y su importancia en ganadería. Vida Agr. [Lima] 29:307,309,311,313. Apr.1952. 9.8 V66

83696 FINDRIK, M. Practical application of hormones in livestock breeding. (In Serbo-Croatian.) Stočarstvo 6:86-92. Ref. Feb.1952. 43.8 St6

83697 FINLAY, G. F. Genetic aspects of fertility. Internatl. Vet. Cong. Rpt. 14(3):197-201. 1949,pub.1952. 41.9 In844

83698 FISCHER, H. Stellungnahme zum tierzuchtgesetz vom 7.7.1949 und den dazugehörenden durchführungsverordnungen. Berlin. u. Münch. Tierarztl. Wchnschr. 65:151-152. Aug.1952. 41.8 B45

83699 GARCIA CARLOS, S. Qué es la inseminación artificial. Inst. Agr. Catalán de San Isidro. Rev. 101: 107-110. May 1952. 15 Sa5

83700 GHOSH, D., and LARDY, H. A. The nature of a yeast-stimulating agent in mammalian spermatozoa. J. Anim. Science 11:545-559. Ref. Aug.1952. 49 J82

83701 GOTZE, R. Die unfruchtbarkeit der haustiere im allgemeinen. Fortpflanzung u. Besamung der Haustiere 2:49-51. In Deut. Tierarztl. Wchnschr. 59(27/28). July 15,1952. 41.8 D482

83702 HENDERSON, C. R. Specific and general combining ability. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.352-370. Ames,Iowa State Col. Press,1952. 443 G74
Livestock breeding.

83703 JOHANSSON, I. New perspectives on livestock breeding. (In Swedish.) Lantmannen 36:610-611. Aug.2, 1952. 11 L234
Report on the International Congress of Physiology and Pathology of Animal Reproduction and of Artificial Insemination, 2nd, Copenhagen, 1952.

83704 JORDANO, D. Significación biomatemática de la inequidad sexual primaria $\sigma\sigma \neq \varphi\varphi \neq 1$. Aplicaciones. Arch. de Zootec. 1:5-12. Ref. 1952. 49 Ar22
English summary.

83705 LAGERLOF, N. The veterinarian and the breeding and rearing of animals. Internatl. Vet. Cong. Rpt. 14(1):108-116. 1949,pub.1952. 41.9 In844

83706 LUSH, J. L. Reasonably possible rates of improving livestock by breeding. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:394-396. 1949,pub. 1951. 279.9 Un32P

83707 MAGLIANO, A. Economic reflections on pathologic heredity in breeding of animals. (In Italian.) Pisa. U. Facoltá di Med. Vet. Ann. 4:89-109. 1951. 41.9 P67
English summary.

83708 MARSH, A. A revolution in farm breeding. Farm & Mach. 2(17):11-12. Oct.1951. 58.8 F2294
Artificial insemination.

83709 MILLER, J. C. Nutrición y reproducción de los animales. Res 20:26908-26910. Apr.5,1952. 286.85 R31

83710 MILOVANOV, V. K. Fecundation, vitality and sex of farm animals. (In Russian.) Zhur. Obshch. Biol. 13:105-121. Ref. Mar./Apr.1952. 442.8 Z6

83711 MOHNWITZ, W. Herdbuchzuchten und zuchtgemeinschaften. Tierzucht 5:297-298. Oct.1951. 49 T443

83712 MORLEY, F. H. W. Hybrid vigour in animal breeding. Agr. Bur. N. S. Wales. State Conf. Hawkesbury Agr. Col. 27:18-20. 1951. 23 Ag82S

83713 PHILLIPS, R. W. Livestock improvement and its relation to the conservation and utilization of resources. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:408-413. Ref. 1949,pub.1951. 279.9 Un32P
Breeding.

83714 PRAKHOV, R., and KHADZHIISKI, D. Le lait employé comme dilueur du sperme. (In Bulgarian.) Bulgarska Akad. n Nauk. Inst. po Eksper. Vet. Med. Izv. 1: 117-131. Ref. 1951. 41.9 B87
French summary.

83715 ROTTENSTEN, K. Progeny testing stations and livestock improvement. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:390-392. 1949,pub. 1951. 279.9 Un32P

83716 SCHOUBROEK, F. VAN. Consequences, calculation and possibilities for application of inbreeding of livestock. (In Flemish.) Vlaams Diergeneesk. Tijdschr. 21:105-113. Ref. May 1952. 41.8 V84
English summary.

83717 TOMESKI, K. Animal breeding in SRZ (Peasant working cooperatives). (In Serbo-Croatian.) Socijalističko Zemjodelstvo 3(10/11):48-57. Oct./Nov.1951. 280.28 So7
Yugoslavia.

83718 TRIFUNOVSKI, J. Livestock breeding in the Kadina River Basin (agricultural-geographic characteristics). (In Serbo-Croatian.) Stočarstvo 6:92-95. Feb. 1952. 43.8 St6

83719 WALTHER, and SCHULZ. Das rinderdeckbuch, eine organisation des deckbetriebes in den rinderhaltungen des kreises Gotha. Tierzucht 5:298-300. Oct.1951. 49 T443

83720 WHITE, R. G. Livestock improvement in the United Kingdom. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:384-386. 1949,pub.1951. 279.9 Un32P

83721 WINNIGSTEDT, R. Reinzucht und kreuzung. Tierzüchter 4:335-326. July 5,1952. 49 T445

83722 WINTERS, L. M. Rotational crossbreeding and heterosis. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.371-377. Ames,Iowa State Col. Press,1952. 443 G74
Livestock breeding.

83723 WOLDMAR, G. Crossing of breeds makes good animals. (In Swedish.) Ladugården 6:169-171. June 1952. 44.8 L12

FEEDS AND FEEDING

83724 ALLA, C. Problèmes de l'alimentation animale. Elevage et Cult. 4(42):10. June 1952. 24 EL2

83725 ARAUJO E SILVA, O. B. DE. Substitution of forages. (In Portuguese.) Seleç. Agr. 7(73):55-59. May 1952. 9.2 Se4

83726 ARCHAMBAULT, J. Les tourteaux de graines oléagineuses, leur importance pour l'élevage français. Rev. Internatl. des Prod. Colon. 26:137-138. June/July 1951. 286.8 R326

83727 ARGENTINA. MINISTERIO DE AGRICULTURA. Feeding of livestock and its relation to cropraising practice. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:457-458. 1949,pub.1951. 279.9 Un32P

83728 ARMOUR, M. L. Hay crop silage proves popular. Hormel Farmer 15(9):6-7. May 15,1952.
49 H782

83729 AXELSSON, J. Quality of the 1951 hay. (In Swedish.) Ladugårdsen 4:108-111. Apr.1952. 44.8 L12

83730 BAUMGARTEN. Die sonderschau "Viehwirtschaft" auf der landwirtschafts und gartenbauausstellung Markkleeberg. Tierzucht 6:187-188. June 1952.
49 T443
Chiefly on feeding and care.

83731 BELTRAN MONFERRER, J. M. Recursos alimenticios para la ganadería. B. de Divulg. Ganad. [Ciudad Real] 7(67/69):27-32. Jan./Mar.1952. 49.9 Sp14
Potatoes and other vegetables.

83732 BENNETTS, H. W. The oestrogenic effects of subterranean clover (Trifolium subterraneum). Internatl. Vet. Cong. Rpt. 14(3):165-169. 1949,pub.1952. 41.9 In844

83733 BERGH, H. Determination of the amino acids, cystine, methionine, tyrosine, and tryptophane in animal and vegetable materials. Acta Agr. Scand. 2:158-172. Ref. 1952. 11 Ac82
In feed.

83734 BOSCH, S., and KAPPELLE, D. Determination of feed value of roughage on the basis of chemical analysis and some results from sample tests. (In Dutch.) Netherlands. Dir. van de Landb. Landb. 13:39-51. 1951.
12 N384

83735 BOSMAN, J. C., BAKERMANS, W. A. P., and SCHEYGROND, W. Enkele gegevens betreffende het eiwitgehalte van bieten. Some data concerning the protein contents of beets. Netherlands. Dir. van de Landb. Verslagen van Landbk. Onderz. 57(14),24 p. Ref. 1951.
105.2 V61V
English summary.
For feed.

83736 BOULET, L. J. Ensilage meilleur et plus facile à faire. Terre de Chez Nous 24(24):8. (Cont.) Aug.5,1952. 7 T27

83737 BURKITT, W. H. Animal nutrition discoveries. Mont. Farmer-Stockman, Aug.1,1952(sect.2):50-51.
6 M764
Antibiotics and vitamin B_{12}.

83738 BURROUGHS, W. Ruminant nutrition and urea utilization. (Sum.) Westernews 13(11):20. July 1952.
389.78 W522

83739 CALDWELL, J. Sea harvest. Farm & Mach. 3(21):3-4. Feb.1952. 58.8 F2294
Seaweed as livestock feed in Scotland.

83740 CHAMPEVAL. L'expérimentation en économie rurale. Voix des Colons 34(1662):3; (1663):2; (1664):3. (Cont.) May 26-June 9,1952. 24 V85
Livestock feeding.

83741 CHIEFFI, A. Skim milk in the feeding of animals. (In Portuguese.) Seleç. Agr. 7(72):41-42. Apr.1952. 9.2 Se4

83742 CHRISTOPH, W. Get them off backward rations. Feedstuffs 24(33):18-19. Aug.16,1952.
286.81 F322
Livestock feeding.

83743 ĆIRIĆ, K. Securing the feeding of animals with fodder. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(8/9):10-14. May 1952. 21.5 V87

83744 COMBERG, G. Der wert von wiesenheu in der herbst- und winterfütterung. Tierzucht 5:300-303. Oct.1951. 49 T443

83745 CRASEMANN, E. Mineralstoffhaushalt und mineralstoffversorgung der landwirtschaftlichen nutztiere. Schweiz. Arch. f. Tierheilk. 94:445-461. Ref. July 1952.
41.8 Sch9

83746 CSUKAS, Z. The role of carotene in the periodicity of reproduction in live stock. Internatl. Vet. Cong. Rpt. 14(3):114-117. Ref. 1949,pub.1952.
41.9 In844

83747 DIJKSTRA, N. D. What did the National Agricultural Experiment Station at Hoorn do about the investigation of the feed value of roughage? (In Dutch.) Netherlands. Dir. van de Landb. Landb. 13:5-38. 1951.
12 N384

83748 DUNGAN, G. H. Save every soybean. Breeder's Gaz. 117(9):7. Sept.1952. 49 B74
For feed.

83749 EGOROV, V. N. Proper utilization of feeds—essential condition for successful accomplishment of livestock wintering. (In Russian.) Sotsialist. Zhivotnovod. 14(2):9-13. Feb.1952. 49 So71

83750 EKMAN, P., KARLSSON, N., and SVANBERG, O. Investigations concerning cobalt problems in Swedish animal husbandry. Acta Agr. Scand. 2:103-130. Ref. 1952. 11 Ac82

83751 FERRANDO, R., and PHILIPPE, J. Le facteur "protéine animale," la vitamine B_{12} et les antibiotiques dans l'alimentation des animaux domestiques. Rev. des Ferment. et des Indus. Aliment. 7:79-89. Ref. June 1952. 390.08 R32

83752 FREED, B. Value of ensilage from sugar beet tops: the Oxton data examined. Brit. Sugar Beet Rev. 20: 149-152. June 1952. 66.8 B77

83753 FUNK, K., and WENIGER, J. Untersuchungen über die verwertung von rübensamenabfällen durch wiederkäuer. Arch. f. Tierernähr. 2:257-262. Jan./Feb.1952. 389.78 Ar22

83754 GOL'DBERG, S. G. Determination of ammonia in silage. (In Russian.) Sovet. Zootekh. 7(3):74-75. Mar. 1952. 49 So822

83755 GOODHUE, J. The forced-air method of curing hay. Blood-Horse 54:450-451,464. Aug.16,1952.
42.8 T392

83756 GRAFFEUIL, H. Introduction de l'ensilage des fourrages verts dans le Châtelleraudais. Agriculture [Paris] 16:167,169. June 1952. 14 Ag823

83757 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Dried grass and dried lucerne as stockfeed. Gt. Brit. Min. Agr. & Fisheries Adv. L. 394,5 p. June 1952. 10 G79La

83758 GREEN, H. H. Minor elements in relation to animal health in Great Britain. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:454-456. 1949,pub. 1951. 279.9 Un32P

83759 GUERRESCHI, G. An experiment on the effect of watering with water contaminated by methane waste. (In Italian.) Prog. Vet. 7:463-464. July 1,1952.
41.8 P942
For livestock.

83760 GUPTA, Y. C. Essentials of silage making. Indian Vet. J. 28:352-356. Mar.1952. 41.8 In2

83761 HART, G. H. Plants as animal feedstuffs. Internatl. Vet. Cong. Rpt. 14(3):175-180. Ref. 1949,pub. 1952. 41.9 In844

83762 HUBBELL, C. H. Concentrates make it easier! Amer. Feed & Grain Dealer 36(6):9,54. July 1952. 298.8 C83

83763 HUNT, C. H. Use of wrong carrier may result in serious vitamin losses. Ohio Farm & Home Res. [Ohio Sta.] 37:52,64. July/Aug.1952. 100 oh3S
Ribflavin available to animals when they are fed on charcoal, Fuller's earth, bone black, and bonemeal.

83764 IVINS, J. D. The relative palatability of herbage plants. Brit. Grassland Soc. J. 7:43-54. Ref. June 1952. 60.19 B773

83765 JANSS, P. W. Mineral nutrition comes of age. Amer. Feed & Grain Dealer 36(6):16-17,56-57. July 1952. 298.8 C83

83766 JOHANSEN, V. Cow country laboratory. West. Live Stock 37(12):23,79. July 1952. 49 W523
Research on the digestibility of forage grasses at New Mexico Agricultural Experiment Station.

83767 KAPPELLE, D. Importance of the ammonia content of silage. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:232-237. June 1952.
12 N383M

83768 KOLOWCA, J. On the utilisation of the bitter lupins (grains and whole green plants) for feeding, by different methods of its ensiling. (In Polish.) Lublin. U. M. Curie-Skłodowskiej. Ann. Sect. E 6:39-74. Ref. 1951. 512 L96Ae
English summary.

83769 LA BORDE, F. DE. Extension de l'ensilage en Afrique du Nord. Rev. Agr. de l'Afrique du Nord 50:245-247. Apr.18,1952. 80 R326

83770 LEITCH, I. Efficiency of different classes of farm animals in converting farm crops to food. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:438-442. Ref. 1949,pub.1951. 279.9 Un32P

83771 LIEBENBERG, O. Praktische hinweise für die fütterung und haltung der vatertiere. Tierzucht 5: 261-263. Sept.1951. 49 T443

83772 LORCH, M. Erfahrungen über die gewinnung von halbheu. Grünland 1:49-50. In Tierzüchter 4(13). July 5,1952. 49 T445

83773 LUTSKII, I. Z. Alhagi—as feed for livestock. (In Russian.) Kormovaia Baza 3(6):57-58. June 1952.
60.8 K84

83774 MCCLYMONT, G. L. Animal nutrition. Agr. Bur. N. S. Wales. State Conf. Hawkesbury Agr. Col. 27: 21. 1951. 23 Ag82S

83775 MACEWAN, G. Mineral matter is part of the feed. Canad. Cattlemen 15(7):18-19. July 1,1952.
49 C16

83776 MCKEE, E. L. The trend to vitamin trace-mineral concentrates. Amer. Feed & Grain Dealer 36 (6):18,54-56. July 1952. 298.8 C83

83777 MACLAY, W. D. Progressing with research. Flour & Feed 53(3):10,12. Aug.1952. 298.8 F66
Alfalfa as feed.

83778 MACPHERSON, H. T. Changes in nitrogen distribution in crop conservation. I-II. J. Sci. Food & Agr. 3:362-367. Aug.1952. 382 So12
I, The rate and extent of protein breakdown in ensilage; II, Protein breakdown during wilting.

83779 MAGIDOV, G. A. Preparation of threshing floor feeds. (In Russian.) Sotsialist. Zhivotnovod. 14(2): 14-18. Feb.1952. 49 So71
Chaff and straw.

83780 MAGLIANO, A. On the possibility of utilization of Helichrysum in raising animals. (In Italian.) Pisa. U. Facoltá di Med. Vet. Ann. 4:110-113. 1951. 41.9 P67
English summary.

83781 MAKAROVA, M. M., and GOLIKOVA, A. A. Microbiological processes in ensilage of uncut plants and method of managing them. (In Russian.) Vsesoiuzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2): 74-88. Ref. 1951. 448.39 L54

83782 MALTERRE, J. Le calcium et le phosphore dans l'alimentation des femelles laitières. Tech. Agr. 57:26-31. June 1952. 58.8 T222

83783 MAYNARD, L. A. The feeding of livestock in relation to crop policy: nutritional diseases of livestock. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:451-453. 1949,pub.1951. 279.9 Un32P

83784 MERRILL, L. B., and YOUNG, V. A. Range management studies on the Ranch Experiment Station. Tex. Livestock J. 11(6):6-7. June 1952. 49 T29
Also in Sheep & Goat Raiser 32(11):28-30,32-33. Aug. 1952. 45.8 Sh3

83785 MILES, A. D. Hollow belly. Mont. Stockgrower 24(5):56-57. May 12,1952. 49 M76

83786 MONAGHAN, J. L. Information vs. misinformation on feeds. Grain & Feed J. Consolidated 109(3): 36-37. Aug.13,1952. 298.8 G762
Livestock feeding problems.

83787 MOORE, H. I. Pitfalls in silage making. Farmer & Stock-Breeder Ybk. 76:85-88. 1952. 49 F22

83788 MOORE, L. A., IRVIN, H. M., and SHAW, J. C. Relationship between TDN and energy values of feeds. U. S. Bur. Dairy Indus. BDI-Inf-139,7 p. June 1952. 1.973 D4B34

83789 MORRISON, F. B. Efficiency of different classes of farm animals in converting crops to human food. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:442-445. 1949,pub.1951. 279.9 Un32P

83790 NARRAMORE, M. Formula feeds in 1952-53. Flour & Feed 53(3):8. Aug.1952. 298.8 F66

83791 O'CONNELL, J. J. Grass silage. Corn Belt Livestock Feeder 4(10):3-4. July 1952. 280.38 C81

83792 PICCIONI, M. Animal protein factor and antibiotics in livestock nutrition. (In Italian.) Riv. de Zootec. 25:169-173. Ref. June 1952. 49 R52

83793 ROCHA, E. G. DA. The use of antibiotic supplements and of Vitamin B_{12} in animal nutrition. (In Portuguese.) Seleç. Agr. 7(72):9-12. Apr.1952. 9.2 Se4

83794 ROSE, O. S. Some observations on sugar beet top silage. Brit. Sugar Beet Rev. 20:153-154. June 1952. 66.8 B77

83795 SCHACHL, M. Mineralstoffhaushalt bei rübenblattfütterung. Bauer 4(43):2. Dec.15,1951. 19 B32

83796 SCHUBERT. Zur hackfruchternte: kartoffeleinsäuerung. Landwirt. Wchnbl. 142:887-888. Aug.9,1952. 18 L2338

83797 SEEKLES, L. Mode of action and occurrence of minor elements in the animal body in relation to the problem of real and conditioned deficiencies. Internatl. Vet. Cong. Rpt. 14(3):9-13. 1949,pub.1952. 41.9 In844

83798 SHEPHERD, J. B. Making and feeding trench and stack silage. U. S. Bur. Dairy Indus. BDI-Inf-140, 8 p. June 1952. 1.973 D4B34

83799 SOBACHENKOV, P. A. Proper utilization of silage during the stable period. (In Russian.) Sotsialist. Zhivotnovod. 14(2):19-21. Feb.1952. 49 So71

83800 SOKOLOV, V. A. Coniferous needles as a vitamin supplement for livestock. (In Russian.) Sotsialist. Zhivotnovod. 14(2):29-30. Feb.1952. 49 So71

83801 STAFIICHUK, A. A. Nutritive value of rye hay in relation to harvesting dates. (In Russian.) Kormovaia Baza 3(6):45-46. June 1952. 60.8 K84

83802 STRIŽIĆ, M. Green food trace, its role and organization. (In Serbo-Croatian.) Stočarstvo 6:70-81. Feb.1952. 43.8 St6

83803 TURINA, B. Concerning the problem of our food base. (In Serbo-Croatian.) Stočarstvo 6:97-109. Mar.1952. 43.8 St6
Forage for livestock in Yugoslavia.

83804 UBALDI, L. Theory and practice in animal feeding. (In Italian.) Allevatore 8(25):6. (Concl.) June 22,1952. 49 AL25

83805 U. S. BUR. OF ANIMAL INDUSTRY. The use of vitamin B12 and antibiotic supplements in livestock feeding. U. S. Bur. Anim. A. H. D. 145,8 p. June 1952. 1.9 An52Ah

83806 WARD, W. D. Look what we're doing to livestock; do we know how to feed? Farm J. 76(9):54-55. Sept.1952. 6 F2212

83807 WEITS, J. The vitamin D content of Dutch hay. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:238-240. June 1952. 12 N383M

83808 WILCOX, C. G. Cane feed molasses proving economical feed ingredient. West. Feed & Seed 7(7):61-62. July 1952. 389.78 W52

83809 ZORN, W. Neuzeitliche fütterungsfragen. Allgäuer Bauernbl. 20:364-365. July 10,1952. 18 AL53

83810 ZOTTNER. L'alimentation du betail; les sorghos. Elevage et Cult. 4(43):13-15. July 1952. 24 EL2

VETERINARY MEDICINE

83811 ANGELOV, S., and KUIUMDZHIEV, I. Sur la standardisation du procédé d'agglutination appliqué au sérodiagnostic de la brucellose chez nous. (In Bulgarian.) Bulgarska Akad. na Nauk. Mikrobiol. Inst. Izv. 2:29-54. 1951. 448.39 B87
French summary.

83812 ANGULO, A. Estomatitis vesicular contagiosa. Vida Agr. [Lima] 29:273,275,277,279,281. Apr.1952. 9.8 V66

83813 ANIMAL HEALTH TRUST. Fifth report, general summary 1st July 1950—30th June 1951. London,1951. 25 p. 41.9 V644

83814 ANNUAIRE des docteurs en médecine vétérinaire de Belgique, 16e édition, 1951. Bruxelles,1951. 68 p. 225 An728
A directory.

83815 ARGENTINA. MINISTERIO DE AGRICULTURA. Livestock diseases and pests. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:493-495. 1949,pub. 1951. 279.9 Un32P

83816 ARGENTINA. MINISTERIO DE AGRICULTURA. Measures to protect the health of Argentine cattle. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:477-481. 1949,pub.1951. 279.9 Un32P
Livestock disease control.

83817 BENDIXEN, H. C. The veterinary profession's contribution to the world's milk supply. Internatl. Vet. Cong. Rpt. 14(1):80-91. Ref. 1949,pub.1952. 41.9 In844

83818 BERNINZONI, T. (HIJO). Contribución a la lucha contra la hidatidosis. Selec. Rur. 7(29):71-79. Apr./June 1952. 9.9 Se4

83819 BIHAR. CIVIL VETERINARY DEPT. Annual report for the year 1949/50. Patna,1951. 61 p. 41.9 In27

83820 BLAGODARNYĬ, V. A. Pavlodar inter-Sovkhoz Veterinary Bacteriological Laboratory. (In Russian.) Veterinariia 29(5):9-12. May 1952. 41.8 V6426

83821 BORG, H. TER. Organized control of foot and mouth disease. (In Dutch.) Groninger Landbbl. 30 (27):1-2. July 3,1952. 12 G892

83822 BRANDENBURG, H. Zur lyssadiagnostik. Berlin. u. Münch. Tierarztl. Wchnschr. 65:147-148. Aug. 1952. 41.8 B45

83823 BRASH, A. G. Protecting New Zealand livestock against importation of disease. New Zeal. J. Agr. 84:436-439. June 16,1952. 23 N48J

83824 BREWSTER, L. A report of the Department of Agriculture's National Advisory Committee on Foot and Mouth Disease. Mont. Stockgrower 24(7):28,30. July 15, 1952. 49 M76

83825 BRUNE, H. Zur beeinflussung der verdauung durch adsorbentien. I. Arch. f. Tierernähr. 2:100-113. Sept./Dec.1951. 389.78 Ar22

83826 BRUNER, D. W. Changes induced in the H antigens of Salmonella blegdam. J. Bact. 64:138-139. July 1952. 448.3 J82

83827 BUCHNEV, K. N. Some data on Urovski disease in farm animals. (In Russian.) Veterinariia 29(5): 27-28. May 1952. 41.8 V6426

83828 BULLARD, J. F. The use of cyclaine as a local anesthetic. Amer. Vet. Med. Assoc. J. 121:99-100. Aug.1952. 41.8 Am3

83829 BUNN, C. E. E., and SCHEIDY, S. F. Antibiotic agents for veterinary use. Amer. Vet. Med. Assoc. J. 121:95. Aug.1952. 41.8 Am3

83830 CANTER, D., and SOPEÑA, I. Ectopias cardiacas: un nuevo caso de exocardia cervical. Buenos Aires. U. Facul. de Agron. y Vet. Rev. 13:74-89. Ref. Dec.1951. 9 B863
English summary.

83831 CARMAN, G. M. Hernia and its heredity. Iowa State Col. Vet. 14:143-146. Ref. 1952. 41.8 V6425

83832 CARMICHAEL, J. Animal-man relationship in tropical diseases in Africa. Roy. Soc. Trop. Med. & Hyg. Trans. 46:385-402. Ref. July 1952. 448.9 R813
Includes discussion.

83833 CARMICHAEL, J. The epizootiology of African trypanosomiasis. Internatl. Vet. Cong. Rpt. 14(2):21-24. 1949,pub.1952. 41.9 In844
Includes Glossina as vectors.

83834 CHRISTIANSEN, M. Conservation of livestock resources by control of disease. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:473-477. 1949,pub.1951. 279.9 Un32P

83835 CLARK, R., and WEISS, K. E. The possible applications of the new hypotensive (methonium) drugs in veterinary practice. So. African Vet. Med. Assoc. J. 23: 15-20. Mar.1952. 41.8 So8

83836 CLARK, R., and WEISS, K. E. The prevention and treatment of bloat. Farming So. Africa 27:282. May 1952. 24 So842

83837 CONNAWAY, J. W., CARY, C. A., and BOOG-SCOTT, J. E. Historical sketch of the early meetings of the United States Livestock Sanitary Association. U. S. Livestock Sanit. Assoc. Proc. 55:9-16. 1951,pub.1952. 49.9 Un3R

83838 COSTA RICA. MINISTERIO DE AGRICULTURA E INDUSTRIAS. Conozca la aftosa. Costa Rica. Min. de Agr. e Indus. Secc. de P. y Bibliot. B. Téc. 9, 8 p. 1952. 8 C827

83839 COUDERT, J., and GATÉ, S. Enquête sur la fièvre de Queensland dans la région lyonnaise. Presse Med. 60:837-839. Ref. June 20,1952. 448.8 P92
In man and animals.

83840 DAVEY, D. G. Trypanocidal drugs with special reference to animal trypanosomiasis. Internatl. Vet. Rpt. 14(2):25-37. Ref. 1949,pub.1952. 41.9 In844
Includes discussion.

83841 DELAHANTY, D. D. The place of radiography in teaching anatomy. Amer. Vet. Med. Assoc. J. 121:91-92. Aug.1952. 41.8 Am3

83842 DELANY, L. Amateur diagnosis is dangerous; badger dealer calls experts for disease help. Feed Bag 28(7):31-32,70. July 1952. 389.78 F32

83843 ELEK, P., KÖVES, J., and SZÉLYES, L. L'immunisation antitétanique active. Acta Vet. 1:353-365. Ref. 1951. 41.8 Ac83

83844 EMERSON, W. L., and EMERSON, O. N. Plans of a large and small animal hospital. Amer. Vet. Med. Assoc. J. 121:80-83. Aug.1952. 41.8 Am3

83845 ENGELMANN, C. Die verdauungssysteme unserer haustiere als abwandlungen ein und desselben grundschemas. Tierzucht 6:100-103. Mar.1952. 49 T443

83846 EVEN-ODEM, J. Hebrew veterinary terminology: murrain. (In Hebrew.) Refuah Vet. 9:21-23. Jan. 1952. 41.8 R25

83847 FAGAN, R. A statistician looks at veterinary vital statistics. U.S. Livestock Sanit. Assoc. Proc. 55: 192-195. 1951,pub.1952. 49.9 Un3R

83848 FLÜCKIGER, G. Neuere erfahrungen im kampfe gegen die maul- und klauenseuche. Schweiz. Landwirt. Monatsh. 30:129-139. Apr.20,1952. 17 Sch93

83849 FOGEDBY, E. On types and strains of the foot-and-mouth disease virus and on the resultant difficulties in fighting the disease. (In Danish.) Nord. Vetmed. 4(7,sup.):6-9. July 1952. 41.8 N813

83850 FORD, C. M., and WILSON, J. B. The penicillin resistance of Streptococcus agalactiae isolated before and after penicillin therapy. Cornell Vet. 42:291-295. Ref. July 1952. 41.8 C81

83851 FOSTER, A. O. Internal parasites of livestock. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:481-485. Ref. 1949,pub.1951. 279.9 Un32P

83852 FREI, W. Folgen des mangels an spurenelementen. Schweiz. Arch. f. Tierheilk. 94:431-443. Ref. July 1952. 41.8 Sch9
English summary.
Deficiency diseases of livestock.

83853 FRENKEL, H. S. The cultivation of foot-and-mouth disease virus. Vaccine prepared with this virus. Internatl. Vet. Cong. Rpt. 14(2):304-305. 1949,pub.1952. 41.9 In844

83854 FREUND, S. Animal health problems in Israel. (In Hebrew.) Refuah Vet. 9:1-8. Jan.1952. 41.8 R25
English summary, p. 40-38.

83855 FROEHNER, R. Die ersten hofmarstalltierärzte in Hildburghausen; ein beitrag zur standesgeschichte. Berlin. u. Münch. Tierarztl. Wchnschr. 65:153. Aug.1952. 41.8 B45

83856 GALLO, P., and VOGELSANG, E. G. Nosografia veterinaria venezolana. Rev. de Med. Vet. y Parasitol. 10:3-46. Ref. Jan./Dec.1951. 41.8 R3293

83857 GAMEZ, A. Situactón de la epizootia de fiebre aftosa en el país. Inst. de la Fiebre Aftosa. B. Inform. 10:20-25. Feb./Mar.1952. 41.9 C172
Venezuela.

83858 GEURDEN, L. M. G. Botulism in men and animals. Internatl. Vet. Cong. Rpt. 14(3):326-328. 1949,pub. 1952. 41.9 In844

83859 GIROUD, P., and others. Comportement des serums de divers animaux domestiques, de l'Oubangui-Chari, vis-a-vis de l'antigène épidémique. Soc. de Path. Exot. B. 45:313-316. 1952. 448.9 So13
P. Le Gac, H. Brizard, and C. Laurent, joint authors.

83860 GOLD COAST. DEPT. OF ANIMAL HEALTH. Report for the year 1950-51. Accra,1952. 10 p. 41.9 C562

83861 GRINI, O. Salmonella infections in animals in Norway. Internatl. Vet. Cong. Rpt. 14(2):267-269. 1949, pub.1952. 41.9 In844

83862 HAGAN, W. A., and EVANS, W. M. The diagnosis of rabies. Internatl. Vet. Cong. Rpt. 14(2):457-463. Ref. 1949,pub.1952. 41.9 In844

83863 HAMILTON, M. How Britain fights foot-and-mouth disease. Family Herald & Wk. Star. 83(31):7,9. July 31,1952. 7 F21

83864 HARDEN, F. J. Contributions of the veterinarian to public health work. Canad. J. Compar. Med. 16: 246-249. July 1952. 41.8 C162

83865 HART, G. H. Conservation of livestock resources by control of disease. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:470-473. Ref. 1949,pub.1951. 279.9 Un32P

83866 HAUDUROY, P., and TANNER, F. Lyophilisation des antigênes bactériens brucelliques pour les sérodiagnostics. Acad. des Sci. Compt. Rend. 234:2654-2655. June 30,1952. 505 P21

83867 HENLEY, R. R. History of the Bureau's [Bureau of Animal Industry] work with tuberculin. U.S. Livestock Sanit. Assoc. Proc. 55:273-281. Ref. 1951, pub.1952. 49.9 Un3R

83868 HERRICK, J. B. Rabies—fear it or control it? Iowa. State Col. Agr. Ext. Iowa Farm Sci. 7:26. Aug. 1952. 275.28 Io94

83869 HERRICK, J. B. What you should know about brucellosis! Iowa. State Col. Agr. Ext. Iowa Farm Sci. 7:7-8. July 1952. 275.28 Io94

83870 HINDMARSH, W. L. Disease prevention. Agr. Bur. N. S. Wales. State Conf. Hawkesbury Agr. Col. 27:22-23. 1951. 23 Ag82S
Livestock.

83871 HINSHAW, W. R. Salmonellosis—a veterinary public health problem. Internatl. Vet. Cong. Rpt. 14(2): 285-290. Ref. 1949,pub.1952. 41.9 In844

83872 HOFLUND, S. A. The connection between deficiency diseases and disturbances in the microflora of the rumen. Internatl. Vet. Cong. Rpt. 14(3):81-92. 1949,pub. 1952. 41.9 In844
Includes discussion.

83873 HOFMANN, W. Über brucellosen bei tieren und beim menschen. Deut. Tierarztl. Wchnschr. 59:211-215. July 15,1952. 41.8 D482

83874 HOPKIRK, C. S. M. The place of the veterinarian in meat production. Internatl. Vet. Cong. Rpt. 14 (1):92-101. 1949,pub.1952. 41.9 In844

83875 HUMPHREY, G. L., and LEACH, M. E. Is rabies increasing in California? Calif. Health 9:177-178. June 15,1952. 449.8 C12

83876 INTERNATIONAL VETERINARY CONGRESS. 14th, LONDON, 1949. Report. London,H.M.Stationery Off.,1952. 3 v. Ref. 41.9 In844

83877 IVANOV, A. D. On measures for controlling brucellosis in farm animals. (In Russian.) Veterinariia 29(5):13-22. May 1952. 41.8 V6426

83878 KAMP, C. J. G. VAN DER. Acid proof bacteria in kidneys. (In Dutch.) Tijdschr. v. Diergeneesk. 77:574-575. Aug.1,1952. 41.8 T431
Testing slaughter animals for tuberculosis.

83879 KAPUR, J. D. Epizootic lymphangitis. Indian Vet. J. 28:341-343. Mar.1952. 41.8 In2

83880 KATHE, J. Die mikrobiologische diagnostik der leptospirosen. Berlin. u. Münch. Tierarztl. Wchnschr. 65:144-147. Ref. Aug.1952. 41.8 B45

83881 KERR, W. R., and LAMONT, H. G. The immune response in trichomoniasis. Internatl. Vet. Cong. Rpt. 14(2):16-20. Ref. 1949,pub.1952. 41.9 In844
Includes discussion.

83882 KOLLER, R. Porphyrine in der tiergesundheit. Internatl. Vet. Cong. Rpt. 14(3):43-47. 1949,pub. 1952. 41.9 In844
English summary.

83883 KOTLAN, A. The developmental and pathological significance of the histrotopic phase in parasitic nematodes. Internatl. Vet. Cong. Rpt. 14(2):61-64. Ref. 1949,pub.1952. 41.9 In844

83884 KOVACS, J., and GUOTH, J. Die embryologischen und antomischen verhaltnisse der primaren und sekundaren harnleiter. Acta. Vet. 1:333-346. 1951. 41.8 Ac83

83885 KRUGER, A. Vorkommen und verbreitung der leptospirosen bei den haustieren. Berlin. u. Münch. Tierärztl. Wchnschr. 65:121-124. Ref. July 1952. 41.8 B45

83886 KUTTLER, A. K. Progress report on brucellosis eradication. Washington,U. S. Bur. Anim. Indus.,1952. 9 p. 1.972 A2K96
Presented to the National Brucellosis Committee at its annual meeting, Chicago, May 7 and 8, 1952.

83887 KUTTLER, A. K. Report on brucellosis eradication project. U.S. Livestock Sanit. Assoc. Proc. 55: 245-248. 1951,pub.1952. 49.9 Un3R

83888 LANFRANCHI, A. How to control foot and mouth disease when it is already present. (In Italian.) Allevatore 8(25):3-4. June 22,1952. 49 AL25
Followed by a discussion, by F. Pellini.

83889 LANG, F., and SMITH, G. F. Slaughter v. vaccination. Farmer & Stock-Breeder 66(3273):39. July 15,1952. 10 F228
The foot-and-mouth slaughter policy.

83890 LEIPER, J. W. G. The testing of anthelmintics, with particular reference to the development of new agents. (Sum.) Vet. Rec. 64:438-439. July 26,1952. 41.8 V641

83891 LEWIS, E. A. Recent developments in insect- and tick-borne [livestock] diseases in East Africa. Internatl. Vet. Cong. Rpt. 14(2):101-105. 1949,pub.1952. 41.9 In844

83892 LIENERT, E., and MATHOIS, H. Untersuchungen zur ermittlung noch stärker leberegelwirksamer substanzen. Wien. Tierärztl. Monatsschr. 39:410-416. July 1952. 41.8 T345
English summary.

83893 LUMAINE. Une menace; y aura-t-il une nouvelle épidémie de fièvre aphteuse? Sillon Belge 22 (519):1,6. Aug.2,1952. 13 S13

83894 MACCLARREN, J. K. Look what we're doing to livestock; can we stamp out diseases? Farm J. 76(9): 54-55. Sept.1952. 6 F2212

83895 MALAYA. VETERINARY DEPT. Report for the year 1950. Kuala Lumpur,1952. 22 p. 41.9 F31

83896 MANCINI, A., and STROZZI, P. Serological identification of foot-and-mouth disease virus in Peru. Internatl. Vet. Cong. Rpt. 14(2):308-316. Ref. 1949,pub. 1952. 41.9 In844

83897 MANN, D. What other states are doing to eliminate brucellosis disease. 4. Kans. Farmer 89(14): 18. July 19,1952. 6 K13

83898 MAQSOOD, M. Thyroid functions in relation to reproduction of mammals and birds. Cambridge Philos.Soc. Biol. Rev. 27:281-319. Ref. Aug.1952. 442.9 C14
Special section on poultry.

83899 MARTIN DEL RIO, M. Enfermedades de la reproducción en los animales domésticos: muerte de los recién nacidos. Zamora. Junta Prov. de Fomento Pecuario. B. 11(122/123:15-18. Apr./May 1952. 49.9 Sp13

83900 MICHEL, J. F. New views on "self-cure and protection". (Sum.) Vet. Rec. 64:437-438. July 26,1952. 41.8 V641
In parasitic diseases.

83901 MICHELSEN, E. Studies on the antigenic constancy of foot-and-mouth disease virus. Internatl. Vet. Cong. Rpt. 14(2):306-307. 1949,pub.1952. 41.9 In844

83902 MILLAK, K. La bibliographie vétérinaire polonaise de 1945—1950. (In Polish.) Polskie Arch. Weter. 1:291-316. 1951. 41.8 P76

83903 MINCHEV, P. Das histamin als therapeutisches mittel in der veterinärmedizin. (In Bulgarian.) Bulgarska Akad. n Nauk. Inst. po Eksper. Vet. Med. Izv. 1:70-84. Ref. 1951. 41.9 B87
German summary.

83904 MINCHEV, P. Über die scheideverlagerung und eine neue chirurgische methode bei inversio et prolapsus vaginae der haustiere. (In Bulgarian.) Bulgarska Akad. na Nauk. Inst. po Eksper. Vet. Med. 1:95-116. 1951. 41.9 B87
German summary.

83905 MINETT, F. G. The annual and seasonal incidence of anthrax in various countries. Climatic effects and sources of infection. Off. Internatl. des Epiz. B. 37: 238-300. Ref. May/June 1952. 41.8 Of2

83906 MINETT, F. C. Livestock diseases and pests. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:467-470. Ref. 1949,pub.1951. 279.9 Un32P

83907 MINETT, F. C. Sporulation and viability of B. anthracis in relation to environmental temperature and humidity. Indian Vet. J. 28:325-340. Ref. Mar.1952. 41.8 In2

83908 MOOSBRUGGER, S. Recherches récentes sur le virus de la fièvre aphteuse. Internatl. Vet. Cong. Rpt. 14(2):298-303. Ref. 1949,pub.1952. 41.9 In844
English summary.

83909 MOUSSATCHÉ, I. Chemotherapy of parasitic diseases of animals. III. (In Portuguese.) Rev. Mil. de Remonta e Vet. 11:229-239. Oct./Dec.1951. 41.8 R3219

83910 NATALI, C. The question of pensions and other questions. (In Italian.) Prog. Vet. 7:397. June 15, 1952. 41.8 P942
Italy.

83911 NICOULEAU, J. La fièvre aphteuse. Tarn-et-Garonne Agr. 15:124. July/Aug.1952. 14 T17

83912 NORDIO, C. B. Myelotoxic anemia from feeding onions (Allium cepa). (In Italian.) Soc. Ital. di Biol. Sper. B. 28:53-56. Jan.1952. 442.8 So12
Domestic animals.

83913 NOYES, L. R. A review of foot and mouth disease eradication in Mexico. U. S. Livestock Sanit. Assoc. Proc. 55:63-68. 1951,pub.1952. 49.9 Un3R

83914 OUELLET, A. En marge de l'épidémie de fièvre aphteuse: un message important du secrétaire de la Société des Eleveurs d'Animaux de Race. Terre de Chez Nous 24(19):9,17. July 2,1952. 7 T27
Canada.

83915 PALSSON, W. Experiences from the practical control of foot-and-mouth disease. (In Swedish.) Nord. Vetmed. 4(7,sup.):19-22. July 1952. 41.8 N813

83916 PALTRINIERI, S. Signs of inspection. (In Italian.) Pisa. U. Facoltá di Med. Vet. Annu. 4:1-32. 1951. 41.9 P67
English summary.
Veterinary examination.

83917 PANEL on foot and mouth disease. U.S. Livestock Sanit. Assoc. Proc. 55:69-82. 1951,pub.1952. 49.9 Un3R

83918 PIRAS, M. Requisite of age for admission to sanitary posts in legislation in force on March 31, 1952. (In Italian.) Prog. Vet. 7:328-330. May 15,1952. 41.8 P942
Italy.

83919 PIRES, A. Curarization: an auxiliary in anaesthesia and an excellent resource for veterinary surgery. Internatl. Vet. Cong. Rpt. 14(3):273-276. 1949,pub.1952. 41.9 In844

83920 PLANCHART DE GARCIA, P. La fiebre aftosa y el contrabando. Inst. de la Fiebre Aftosa. B. Inform. 10:16-19. Feb./Mar.1952. 41.9 C172
Venezuela.

83921 PLETNEV, A. V., and SHCHERBAKOVA, T. F. Masticatory reflexes of ruminant farm animals. (In Russian.) Akad. Nauk SSSR. Dok. 84:637-640. May 21, 1952. 511 P444A

83922 POWLEY, J. O. Control of animal health by statutory measures. Internatl. Vet. Cong. Rpt. 14(3):338-343. 1949,pub.1952. 41.9 In844
Diseases.

83923 QUIN, J. I. Physiological aspects of research into animal nutrition in South Africa. Internatl. Vet. Cong. Rpt. 14(3):170-174. Ref. 1949,pub.1952. 41.9 In844

83924 RIAZANTSEV, V. F. Duration of viability of invasive Strongylus larvae in the soil. (In Russian.) Veterinariia 29(5):45. May 1952. 41.8 V6426

83925 RIEMENSCHNEIDER, M. N. Anthrax. West. Live Stock 37(12):21,70,78,80. July 1952. 49 W523

83926 RODON, J. M. Frente al peligro de la glosopeda. Cult. Mod. 35:219. June 1952. 15 C89
Research in immunization.

83927 ROF CODINA, J. La fiebre aftosa o glosopeda. Ceres [Valladolid] 17(193):42-43. July 1,1952. 15 C33

83928 RONCATI, G., and ROSSI, G. Hemato-encephalic barrier and icterus (experiment with newborn animals). (In Italian.) Pisa. u. Facoltá di Med. Vet. Ann. 4: 183-203. 1951. 41.9 P67
English summary.

83929 RONCATI, G. Modality of section technique and of fixation methods of the central nervous system. (In Italian.) Pisa. u. Facoltá di Med. Vet. Ann. 4:223-234. 1951. 41.9 P67
English summary.

83930 ROSSI, R. P. The function of the veterinarian in the Office of Municipal Hygiene and Sanitation and present-day changes. (In Italian.) Prog. Vet. 7:398,400-401. June 15,1952. 41.8 P942
Italy.

83931 RUBEL, D. Anthrax on the increase. Iowa State Col. Vet. 14:151-152. 1952. 41.8 V6425

83932 RUIZ MARTINEZ, C. La fiebre aftosa no es un fantasma. Inst. de la Fiebre Aftosa. B. Inform. 11:4-12. Apr.1952. 41.9 C172

83933 SALVADOR, A. R. N. Paroxysmal hemoglobinuria. (In Portuguese.) Vida Agr. [Lisboa] 15(89):8. May/June 1952. 15.5 V66

83934 SAROOP, H. H. Fracture of the lower jaw in a camel. Indian Vet. J. 28:375-376. Mar.1952. 41.8 In2

83935 SCHAMBYE, P. The permeability to inorganic phosphate of the erythrocytes from ruminants. In vitro experiments using P^{32}-tagged inorganic phosphate in view of the application of the erythrocytes in determining the erythrocyte-volume. (In Danish.) Nord. Vetmed. 4:633-654. Ref. July 1952. 41.8 N813
English summary.

83936 SCHANG, P. J., and others. Obtention de serum polyvalent antiaphteux de haut titre; ses applications. Internatl. Vet. Cong. Rpt. 14(2):293-297. 1949,pub.1952. 41.9 In844
F. A. Rossi, M. C. Aramendi, and R. L. Campion, joint authors.
English summary.

83937 SCHANG, P. J., RODRIGUEZ LOUSTAU, J. A., and RIZZO, H. R. Preparación de suero antirrábico con virus de rabia paralítica de los bovinos. Buenos Aires. U. Facul. de Agron. y Vet. Rev. 13:20-25. Ref. Dec. 1951. 9 B863
English summary.

83938 SCHLOTTHAUER, C. F. Veterinary anesthesia: a review of some agents commonly used in veterinary medicine. Internatl. Vet. Cong. Rpt. 14(3):277-281. Ref. 1949,pub.1952. 41.9 In844

83939 SCHOUENBORG, J. Practical control and methods of treatment. (In Danish.) Nord. Vetmed. 4(7,sup.):15-18. July 1952. 41.8 N813
Foot-and-mouth disease.

83940 SHOSHAN, A. Man and animals in the homeland. 5. The veterinary profession and the public. (In Hebrew.) Refuah Vet. 9:17-18. Jan.1952. 41.8 R25

83941 SIMMS, B. T. The threat of foot-and-mouth disease. Washington,U. S. Bur. Anim. Indus.,1952. 10 p. 1.972 A2Si4
Presented at annual meeting of the American Association of Agricultural Editors at Granby, Colo., June 17, 1952.

83942 SIMONNET, H. Glandes endocrines et santé animale. Internatl. Vet. Cong. Rpt. 14(3):137-143. 1949, pub.1952. 41.9 In844
English summary.
Includes discussion.

83943 SMITH, L. D. A key for tentative recognition of bacteria commonly encountered in clinical bacteriology. Amer. J. Vet. Res. 13:430-432. July 1952. 41.8 Am3A

83944 SOURNIES, H. La fièvre aphteuse; le danger qu'elle constitute; les moyens de la combattre. Fed. Pyrén. d'Econ. Montagn. Ann. 13:120-132. 1952. 280.9 F312
France.

83945 SOUTHERN RHODESIA. DIRECTOR OF VETERINARY SERV. Report for the year ending 30 Sept. 1951. Salisbury?1952. 24 p. 41.9 So823

83946 STABLEFORTH, A. W. Prevention of introduction, and control of spread of infectious diseases in Great Britain. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:464-467. Ref. 1949,pub.1951. 279.9 Un32P

83947 STAFFORD, J. W. White muscle disease. West. Live Stock 37(12):21,70. July 1952. 49 W523

83948 STASIUKYNAS, V. Plan de erradicación de la fiebre aftosa. Soc. Antioqueña de Agr. B. Agr. 383: 3341-3342. Mar.1952. 9.4 So1
Colombia.

83949 STAZZI, P. Protection of our livestock supply. (In Italian.) B. dell'Agr. 86(23):1-2. June 6,1952. 16 B87
Disease control in Italy.

83950 STOCKL, W. Die verteilung des aluminiums im blute von pferd, rind und schwein. Hoppe-Seyler's Z. f. Physiol. Chem. 289:107-116. Apr.1952. 384 Z38

83951 TAKAMATSU, Y., and others. Results of survey on rabies inoculation in Saitama Prefecture. (In Japanese.) Japan Vet. Med. Assoc. J. 4:295-301. Sept. 1951. 41.9 J275

83952 TAYLOR, E. L. The epidemiology of fasciliasis in Britain. Internatl. Vet. Cong. Rpt. 14(2):81-87. Ref. 1949,pub.1952. 41.9 In844
Includes discussion.

83953 TAYLOR, E. L. Internal and external parasites of livestock. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:485-488. 1949,pub.1951. 279.9 Un32P

83954 TIERKEL, E. S. Some epidemiological considerations in the control of rabies. U.S. Livestock Sanit. Assoc. Proc. 55:98-101. 1951,pub.1952. 49.9 Un3R

83955 TODOROV, T., and ZHELEV, V. Un cas de coccidiose de l'appareil urogenital (coccidiose renale?) de l'homme. (In Bulgarian.) Bulgarska Akad. na Nauk. Inst. po Eksper. Vet. Med. Izv. 1:217-223. Ref. 1951. 41.9 B87
French summary.
Case of a veterinarian.

83956 TUNNICLIFF, E. A. The new Veterinary Research Laboratory. [Montana State College.] Mont. Stockgrower 24(5):38. May 12,1952. 49 M76

83957 UEDA, S. Treatment and prevention of tetanus. (In Japanese.) Japan Vet. Med. Assoc. J. 4:302-303. Sept.1951. 41.9 J275

83958 U. S. LIVESTOCK SANITARY ASSOCIATION. Proceedings, fifty-fifth annual meeting, Hotel President, Kansas City, Missouri, November 14-15-16,1951. Baltimore,1952. 357 p. 49.9 Un3R

83959 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON BIOLOGICS AND PHARMACEUTICALS. Report. U.S. Livestock Sanit. Assoc. Proc. 55:255-257. 1951,pub.1952. 49.9 Un3R
H. E. Biester, chairman.

83960 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON BRUCELLOSIS. Report. U.S. Livestock Sanit. Assoc. Proc. 55:249-254. 1951,pub.1952. 49.9 Un3R
H. G. Geyer, chairman.

83961 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON FOOT AND MOUTH DISEASE. Report. U.S. Livestock Sanit. Assoc. Proc. 55:83-84. 1951,pub. 1952. 49.9 Un3R
A. K. Carr, chairman.

83962 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON LAWS AND REGULATIONS. Report. U.S. Livestock Sanit. Assoc. Proc. 55:85. 1951,pub.1952. 49.9 Un3R
E. P. Anderson, chairman.

83963 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON LEGISLATION. Report. U.S. Livestock Sanit. Assoc. Proc. 55:304-306. 1951,pub.1952. 49.9 Un3R
R. L. West, chairman.

83964 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON MORBIDITY AND MORTALITY. Report. U.S. Livestock Sanit. Assoc. Proc. 55:196-200. 1951,pub.1952. 49.9 Un3R
C. R. Schroeder, chairman.

83965 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON PUBLIC RELATIONS. Report. U.S. Livestock Sanit. Assoc. Proc. 55:258-259. 1951,pub.1952. 49.9 Un3R
H. E. Curry, chairman.

83966 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON RABIES. Report. U.S. Livestock Sanit. Assoc. Proc. 55:102-107. 1951,pub.1952. 49.9 Un3R
L. E. Starr, chairman.

83967 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON RESOLUTIONS. Report. U.S. Livestock Sanit. Assoc. Proc. 55:307-309. 1951,pub.1952. 49.9 Un3R
D. M. Campbell, chairman.

83968 U.S. LIVESTOCK SANITARY ASSOCIATION. SPECIAL COMMITTEE ON REVISION OF CONSTITUTION AND BY-LAWS. Report. U.S. Livestock Sanit. Assoc. Proc. 55:310-329. 1951,pub.1952. 49.9 Un3R
T. Arnold, chairman.

83969 VALADÃO, F. G. Collecting and shipment of material for laboratory diagnosis. (In Portuguese.) Gaz. do Agr. 4:119-121. (Cont.) May 1952. 24 G25
Animals.

83970 VEIGA, J. S. Limits of selection for production in the Tropics. (In Portuguese.) (Sum.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:151-153. May 1952. 44.8 B634
Livestock feeding in relation to metabolism.

83971 VIANELLO, G. Up-to-date information on foot and mouth infection. (In Italian.) Humus 8(4):15. May 1952. 16 H88

83972 VILLIERS, G. Foot-and-mouth disease vaccines. Estate Mag. 52:328-329. Aug.1952. 10 Es8

83973 VOGELSANG, E. G., CHAVARRIA C, M., and ROSALES G, H. La fiebre aftosa en Venezuela. Rev. de Med. Vet. y Parasitol. 10:47-52. Jan./Dec.1951. 41.8 R3293

83974 WAGNER, O. Epidemiologische untersuchungen über die piroplasmose in West-Deutschland. Internatl. Vet. Cong. Rpt. 14(2):38-41. 1949,pub.1952. 41.9 In844
English summary.
Includes ticks as vectors.

83975 WALKER, J. R. Feeding billions of bugs. Flour & Feed 53(3):18,36. Aug.1952. 298.8 F66
Rumen microorganisms.

83976 WETTERLUNDH, S. Administrative points of view. (In Swedish.) Nord. Vetmed. 4(7,sup.):10-14. July 1952. 41.8 N813
Control of foot-and-mouth disease in Sweden.

83977 WHITLOCK, R. Foot-and-mouth: a survey. I. Examination of the efficacy of the slaughter policy; what comparison with the Continent reveals. Field 200:180-181. Aug.2,1952. 10 F45

83978 WILKINS, H. F. Foot-and-mouth disease. Mont. Stockgrower 24(7):21-23. July 15,1952. 49 M76
Includes notes on other diseases in Montana.

83979 WILKINS, H. F. A new foot-and-mouth disease outbreak in Canada. Mont. Stockgrower 24(5):10-11. May 12,1952. 49 M76

83980 WILKINS, H. F. We must have more veterinary research. Mont. Stockgrower 24(6):7-10. June 15, 1952. 49 M76
Includes descriptions of diseases.

83981 WILSON, F. D. Anaesthesia for the eye—new technique. Indian Vet. J. 28:362-364. Mar.1952. 41.8 In2

83982 WILSON, W. W., and MATHESON, R. C. Bird migration and foot-and-mouth disease. Gt. Brit. Min. Agr. Agriculture 59:213-228. Aug.1952. 10 G79J

83983 WINTER, A. Federal-State cooperative tuberculosis eradication project. U.S. Livestock Sanit. Assoc. Proc. 55:286-289. 1951,pub.1952. 49.9 Un3R

83984 WIRSTAD, H. F. Osteosynthesis and veterinary surgery. Internatl. Vet. Cong. Rpt. 14(3):245-249. 1949,pub.1952. 41.9 In844

83985 WISCONSIN. UNIVERSITY. COLLEGE OF AGRICULTURE. DEPT. OF VETERINARY SCIENCE. Anthrax. Wis. Agr. Col. Ext. C. 442,2 p. May 1952. 275.29 W75C

83986 WISCONSIN. UNIVERSITY. COLLEGE OF AGRICULTURE. DEPT. OF VETERINARY SCIENCE. Winter dysentery (vibrionic diarrhea). Wis. Agr. Col. Ext. C. 421,2 p. May 1952. 275.29 W75C

83987 WOOLDRIDGE, W. R. Veterinary education and its application to world problems. Internatl. Vet. Cong. Rpt. 14(1):118-122. 1949,pub.1952. 41.9 In844

MISCELLANEOUS

83988 ALEKSEEV, M. A. All-Union Scientifico-Methodical Conference of Directors of Scientific-Research Institutions on Animal Husbandry and Zoo-Veterinary Higher Institutions of Learning. (In Russian.) Kormovaia Baza 2(12):53-54. Dec.1951. 60.8 K84

83989 ANDREEV, M. S. Conference of specialists in animal industry in Moscow Region. (In Russian.) Veterinariia 29(5):57-58. May 1952. 41.8 V6426

83990 ARGENTINA. MINISTERIO DE AGRICULTURA. Stock raising. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:428-430. 1949,pub. 1951. 279.9 Un32P

83991 COMTE, O. Etude critique du concours itinérant d'élevage de mai 1952 dans la région de Rabat, du Rharb et d'Ouezzane. Chambre Franç. d'Agr. des Régions de Rabat, du Rharb et d'Ouezzane. B. 18:3264-3265,3267. June 1952. 24 C352

83992 CÔTÉ, P. E. Le concours d'expertise forme les vrais éleveurs. B. des Agr. 34(7):17-18. July 1952. 7 B872
Canada.

83993 CROFT, P. G. Electrical stunning. UFAW Cour. 6:15-18. Spring 1952. 48.8 Uf1

83994 DELOYE, M. La terre algérienne et l'élevage. Rev. Agr. de l'Afrique du Nord 50:257-260. Apr.25,1952. 80 R326

83995 DILLNER. Die landwirtschafts- und gartenbauausstellung der Deutschen Demokratischen Republik in Leipzig-Markkleeberg 1952: (vorbericht über rinder, pferde, schafe und schweine). Tierzucht 6:181-185. June 1952. 49 T443

83996 XVIIIª EXPOSIÇÃO Nacional de Animais e Produtos Derivados [18th National Exposition of Livestock and Derived Products]. B. de Indús. Anim. (n.s.) 12(sup.),95 p. Dec.1951,pub.1952. 49 R324

83997 FARMER AND STOCK-BREEDER. The pedigree year in pictures. Farmer & Stock-Breeder Ybk. 1952:116-180. 49 F22

83998 FARMER AND STOCK-BREEDER. Year book, 1952, 76th year of publication. London,1952. 411 p. 49 F22

83999 FORBES, R. C., and others. What to look for in the livestock shows. Breeder's Gaz. 117(8):8-9,40-41,43. Aug.1952. 49 B74
M. H. Green, W. P. Thompson, and W. Plager, joint authors.

84000 GARCIA VALENCIA, E. Ganadería de Yolombó. Soc. Antioqueña de Agr. B. Agr. 383:3343-3344. Mar.1952. 9.4 So1

84001 GRANDSTAFF, J. O. Adaptation of livestock to new environments. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:424-427. Ref. 1949,pub.1951. 279.9 Un32P

84002 HAMMOND, J. Adaptation of livestock to new environments. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:414-421. Ref. 1949,pub.1951. 279.9 Un32P

84003 HANSON, H. C. Importance and development of the reindeer industry in Alaska. J. Range Mangt. 5:243-251. Ref. July 1952. 60.18 J82

84004 HOHNBAUM, E. Betrachtungen über dorftierschauen. Tierzucht 6:172-176. May 1952. 49 T443

84005 JORDANO BAREA, D. La clasificación decimal zootécnica. B. de Zootec. 8:149-152. (Cont.) May 1,1952. 41.9 So16

84006 KHARCHENKO, A. F. Display of achievements in animal industry at the [regional] fairs. (In Russian.) Sotsialist. Zhivotnovod. 14(2):31-36. Feb.1952. 49 So71

84007 KOEGEL, A. Stellung der tierpsychologie im rahmen der bionomie. Bebauet die Erde 22:41-43,51-53. (Concl.) June-July 1952. 18 B38

84005 LACEY, J., and others. Safeguard your livestock from bears, wolves, coyotes, killer dogs. Wis. Agr. Col. Ext. C. 411,8 p. Apr.1952. 275.29 W75C
C. Rydberg, W. A. Rowlands, W. F. Grimmer, G. S. Hadland, and A. Hanson, joint authors.

84009 LEROY, A. M. La production animale tunisienne et son amélioration dans l'avenir. Colon Franç. de Tunisie (ser.7)45(2246):1,3. (Concl.) June 7, 1952. 24 C712

84010 LITTON, G. W., and HERRING, G. C. Increase profits from cattle, hogs, and sheep. Prog. Farmer, Carolinas-Va. Ed. 67(8):19,93. Aug.1952. 6 P945

84011 MACFARLANE, J. C. Something to think about. Our Dumb Anim. 85(6):14. June 1952. 48.8 Ou7
Humane treatment of domestic animals.

84012 MAGLIANO, A. Zootechnic research with particular reference to the zootechnic problems in central-southern and insular Italy. (In Italian.) Pisa.U. Facoltá di Med. Vet. Ann. 4:150-158. 1951. 41.9 P67

84013 MOHNWITZ, W. Die sonderschau "viehwirtschaft auf dem Dorfe." Tierzucht 6:185-186. June 1952. 49 T443

84014 PSHENICHNYI, P. D. Principles of controlled rearing of farm animals. (In Russian.) Zhur. Obshch. Biol. 13:169-181. Ref. May/June 1952. 442.8 Z6

84015 RHOAD, A. O. Adaptation of livestock to new environments (techniques for establishing and maintaining desirable breeds suitable to various climates and regions). United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:421-424. 1949,pub.1951. 279.9 Un32P

84016 SAMVIRKENDE JYDSKE HUSMANDSFORENINGER.HUSDYRBRUGSUDVALGET. Beretning om husdyrbrugsarbejdet i de Samvirkende Jydske Husmandsforeninger [Report on the animal husbandry work of the National Federation of Smallholders in Jutland] 1950-51. Aarhuus,1952. 119 p. 43.9 Sa42

84017 SAUNDERSON, M. H. Some observations on ranch management. Mont. Stockgrower 24(5):28-30,32, 34. May 12,1952. 49 M76

84018 SMIRNOVA, E. V., and SILIN, S. I. Organization of livestock wintering on the farms of Stroitel' Kommunizma Kolkhoz [in Veliko-Ustiugskii District, Vologda Region]. (In Russian.) Sotsialist. Zhivotnovod. 14(2):37-41. Feb.1952. 49 So71

84019 SOKOLOV, S. E., and GLUSHNEV, M. P. Show and tests of reindeer working characteristics. (In Russian.) Sotsialist. Zhivotnovod. 14(2):90-91. Feb. 1952. 49 So71

84020 SPAGNOLI, A. Transhumance of livestock in the spring. (In Italian.) Allevatore 8(25):3. June 22, 1952. 49 AL25
Includes statistics.

84021 STEVENS, P. G. Modern developments in agriculture. I. Animal husbandry. Rur. Educ. B. 7:38-43. Apr.1952. 109 C162

84022 UBALDI, L. Towards a national contest in agricultural production-a petition for zootechnic improvement. (In Italian.) Allevatore 8(26):3. June 29,1952. 49 AL25

84023 VINTER, F. J. The animal-protection movement. UFAW Cour. 6:6-8. Spring 1952. 48.8 Uf1

CATTLE

Breeds and Breeding

84024 AEHNELT, E. Verdünnungstemperatur und nachverdünnung beim bullensperma. Fortpflanzung u. Besamung der Haustiere 2:53-55. In Deut. Tierarztl. Wchnschr. 59(27/28). July 15,1952. 41.8 D482

84025 AGARWALA, O. P. Brahmans in the U.S.A. Allahabad Farmer 26:68-72. May 1952. 22 AL5

84026 AMERICAN DAIRY SCIENCE ASSOCIATION. Report of Breeding Committee. Knoxville,1951. 6 p. 43.9 Am325
Artificial insemination.

84027 AMERICAN GUERNSEY CATTLE CLUB. The performance register, v.5; data from January 1, 1951 to January 1, 1952. n.p.,1952. 563 p. 43.9 Am33P

84028 AMERICAN JERSEY CATTLE CLUB. Open forum discussion; report of Breeds Relations Committee. Jersey B. 71:1018-1019,1064-1065. July 25,1952. 43.8 J48

84029 AMERICAN JERSEY CATTLE CLUB. Open forum discussion; report of Promotion and Publicity Committee. Jersey B. 71:1102-1103,1122,1124,1132, 1148-1153. Aug.10,1952. 43.8 J48

84030 ASHTON, J. Texan's sojourn in Jersey. Jersey B. 71:1028,1048,1050,1052,1054,1058. (Concl.) July 25, 1952. 43.8 J48

84031 AUSSET, F. L'élevage bovin dans l'Aude et le contrôle laitier. Fed. Pyrén. d'Econ. Montagn. Ann. 13: 133-140. 1952. 280.9 F312
Breeding.

84032 BAKER, F. N., and VANDEMARK, N. L. The effect of frequency of ejaculation on the semen characteristics and libido of young bulls. (Abs.) J. Dairy Sci. 35: 489. June 1952. 44.8 J822

84033 BAKER, M. L., JOHNSON, L. E., and DAVIS, R. L. Beef cattle breeding research at Fort Robinson. S. Dak. Stockgrower 6(5):17-19. June 15,1952. 49 So84

84034 BANE, A. Investigations on semen production in monozygous bull twins. Internatl. Vet. Cong. Rpt. 14 (3):212-215. 1949,pub.1952. 41.9 In844

84035 BASILE, A. Apulia cattle of Murge. (In Italian.) Riv. di Zootec. 25:147-152. May 1952. 49 R52

84036 BERRY, J. C. Better bulls by legislation. Canad. Guernsey Breeders' J. 26(3):8-9,22. May 1952. 43.8 C163

84037 BERRY, J. C. Evaluating dairy sires. Canad. Ayrshire Rev. 33:3-4. June 1952. 43.8 Ay72

84038 BIRATH, B. The Insemination Association of Southern Dalarna. (In Swedish.) Lantbrtidskr. f. Dalarna 3:109-110. June 1952. 11 L29

84039 BIRATH, B. New regulations concerning control of bulls in Kopparberg Province. (In Swedish.) Lantbrtidskr. f. Dalarna 3:106-108. June 1952. 11 L29

84040 BONSMA, J. C. Heat-tolerant cattle bred at Mara; degeneration of exotics in hot climate overcome by correct breeding policy. Farmer's Wk. [Bloemfontein] 83:12-13,15. July 16,1952. 24 F225
Mara Research Station, South Africa.

84041 BRADFORD, C. R., and BRADFORD, M. Angus population shows amazing growth in Texas Panhandle. Tex. Livestock J. 11(7):18-19. July 1952. 49 T29

84042 BRAHMANS are here to stay! West. Livestock J. 30(42):36,93-94. July 15,1952. 6 F2278

84043 BRIQUET JUNIOR, R. Zebu dairy breeds exist; results of experiments conducted with the Sindhi breed. (In Portuguese.) Rev. de Agr. [Piracicaba] 27: 188-189. May/June 1952. 9.2 R324

84044 BRUGGEMANN, H. Züchterische probleme der künstlichen besamung. Tierzüchter 4:349-350. July 20,1952. 49 T445
Cattle.

84045 BURROWS, G. Cómo organizan la clasificación y mejoramiento de sus planteles los ganaderos británicos. Shorthorn 13(67):58-59. Jan./Mar.1952. 43.8 Sh84

84046 BYERS, J. H., MCCURLEY, G., and VONKROSIGK, M. The influence of gonadotropic hormones on semen quality. (Abs.) J. Dairy Sci. 35:489. June 1952. 44.8 J822

84047 CADZOW, R. A. Just plain commonsense; the Australian Shorthorn has got to be big, and this emphasis on size points a moral for home breeders. Scotch Shorthorn Rec. (n.s.)1:24-25. June 1952. 43.8 Sco3

84048 CARETTA, A. The control of dairy cattle in Great Britain. (In Italian.) Zootec. e Vet. 7:67-73. Mar. 1952. 41.8 Z7
Records on different breeds.

84049 CHIEFFI, A. Selection of good bulls. (In Portuguese.) Seleç. Agr. 7(73):39-40. May 1952. 9.2 Se4

84050 CORRIAS, A. Research on bacterial content of whole and diluted bull semen. (In Italian.) Zootec. e Vet. 7:172-184. Apr./May 1952. 41.8 Z7
English summary.

84051 DERBINA, K. A., and GRISHCHENKOVA, E. M. Improvement of Kholmogorsk [dairy] cattle. (In Russian.) Sovet. Zootekh. 7(3):40-47. Mar.1952. 49 So822

84052 DOMINGUES, O. Amazon livestock. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:169-172. May/June 1952. 9.2 R324
Cattle breeding.

84053 DONALD, H. P., DEAS, D. W., and WILSON, A. L. Genetical analysis of the incidence of dropsical calves in herds of Ayrshire cattle. Brit. Vet. J. 108:227-245. Ref. July 1952. 41.8 V643

84054 DÜRING, T. Bull scoring; some comparisons from SRB herdbooks during the years 1948-1950. (In Swedish.) Ladugården 6:176-177. June 1952. 44.8 L12

84055 DURING, T. Progeny judging. (In Swedish.) Skand. Kreatursförsäkringsbol. Manadsbl. 30:63-66. May 1952. 49.9 Sk1
Cattle.

84056 DUVALL, R. These Arizona Brahmans travel a 2-way street. West. Livestock J. 30(42):41,95,97-98. July 15,1952. 6 F2278

84057 ERIKSSON, K. Hereditary disturbances of reproduction in cattle. Internatl. Vet. Cong. Rpt. 14(3):216-219. 1949,pub.1952. 41.9 In844

84058 ESCOBAR BALLESTAS, A. La raza Santa Gertrudis en Puerto Berrio. Soc. Antioqueña de Agr. B. Agr. 385:3438-3439. May 1952. 9.4 So1

84059 ESSAI d'ethnographie des bovins indigènes du Congo Belge. Belgium. Min. des Colon. B. Agr. du Congo Belge 43:497-532. June 1952. 24 K83

84060 FISCHER, K. Fortschritte in der zucht des gelben Höhenviehs in der Pfalz. Tierzüchter 4:364-365. July 20,1952. 49 T445

84061 FJELKNER. Productive Lowland cattle in Osterlen. (In Swedish.) Lantmannen 36:569. July 19, 1952. 11 L234

84062 FORBES, R. C. What is our next best move? Shorthorn World 37:42-45. July 25,1952. 43.8 Sh8
Shorthorns in the beef cattle industry.

84063 FREDERIKSEN, A. M. Bulls bound to the soil. (In Danish.) Dansk Landbr. 71:332-333. July 10,1952. 280.28 V91

84064 GALLEGO ECHEVERRI, J. Algunos consejos y medidas higiénicas que deben tenerse en cuenta para la crianza de ganado y manejo de lecherías. Soc. Antioqueña de Agr. B. Agr. 384:3386-3389. Apr.1952. 9.4 So1

84065 GEROV, K., and KALEV, G. On the question of the influence of some disinfecting agents on the semen of bull, ram, and billy goat. (In Bulgarian.) Bulgarska Akad. n Nauk. Inst. po Eksper. Vet. Med. Izv. 1:162-178. Ref. 1951. 41.9 B87
Russian summary.

84066 GILLAIN, J., and MARICZ, M. Vingt ans de sélection du bétail indigène du type local à Nioka. Inst. Natl. pour l'Étude Agron. du Congo Belge. B. d'Inform. 1:55-86. In Belgium. Min. des Colon. B. Agr. du Congo Belge 43(2). June 1952. 24 K83

84067 GLANTSCHNIG, S. Dunkles oder lichtes Fleckvieh? Kärntner Bauer 102:387. June 28,1952. 19 K14

84068 GOMIEN C., R. Aptitudes de la provincia de Arauco para la raza bovina Normanda. Campesino [Santiago] 84(5):27. May 1952. 9.3 So12

84069 GORDON, G. E. Artificial breeding results in California. Calif. Dairyman 32(14):5,19. Aug.9,1952. 44.8 C12

84070 GREVE S., G. Leche, materia grasa y carne. Agr. Austral 20:127-130. Apr.1952. 9.3 Ag842
Production by the Overo Colorado breed of cattle.

84071 GUILBERT, H. R. Growing out purebred bulls. Pacific Stockman 18(8):59-60,62. Aug.1952. 286.85 W52
Feeding.

84072 HAHN, H. Anerkennung von elite-bullen und-kühen in Sachsen-Anhalt. Tierzucht 6:140-143. Apr.1952. 49 T443

84073 HAHN, H. Kuhfamilienprämiierung—eine neue massnahme zur förderung der rinderzucht in Sachsen-Anhalt. Tierzucht 6:73-77. Mar.1952. 49 T443

84074 HANCOCK, J. L. Endocrinology and reproduction in the cow. Internatl. Vet. Cong. Rpt. 14(3):156-161. Ref. 1949,pub.1952. 41.9 In844

84075 HARING, F., and GREINER-PETTER. Das rotbunte Tieflandrind in Mecklenburg. Tierzucht 6:1-9, 39-43. (Cont.) Jan.-Feb.1952. 49 T443

84076 HARRER, W. J., and HARRER, E. M. The purebred breeder, architect of tomorrow's beef cattle. Mont. Farmer-Stockman, Aug.1,1952(sect.2):40,80. 6 M764

84077 HATCH, R. D. Esterilidad de la vaca. Res 20:27074-27078. June 21,1952. 286.85 R31

84078 HENRIKSSON, A. Is dehorning only for the good? (In Swedish.) Ladugårdén 4:118. Apr.1952. 44.8 L12
Bulls.

84079 HERRICK, J. What you can do for the artificially bred herd. Jen-Sal J., Aug.1952:4-7. 41.8 J45

84080 HIGNETT, S. L. The complex nature of herd infertility. Internatl. Vet. Cong. Rpt. 14(3):128-133. 1949,pub.1952. 41.9 In844

84081 HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA. Sixty-seventh annual convention, Hotel Roanoke in Roanoke, Va., June 2,3,4,1952. Roanoke,1952. 79 p. 43.9 H74C

84082 HOLT, A. F. Methods and problems of artificial insemination [in cattle] in Great Britain. Internatl. Vet. Cong. Rpt. 14(3):238-243. Ref. 1949,pub.1952. 41.9 In844
Includes discussion.

84083 HOOTEN, J. D. Establishing and maintaining a small herd. Tex. Livestock J. 11(7):89-90,92-93. July 1952. 49 T29
Aberdeen-Angus.

84084 ILANCIC, D. Zwillinggeburten beim rind insbesondere in unserer Simmentalerzucht. (In Serbo-Croatian.) Biol. Inst. God. 3:233-236. 1950,pub.1951. 442.9 Sa73
German summary.

84085 JACKSON, L. W. What is a proven sire? Holstein-Friesian World 49:1718,1879-1880. Aug.16, 43.8 H742

84086 JACQUET, J., and CASSOU, R. Influence de la dilution du sperme dans un nouveau milieu à base de lait écrêmé sur la fécondité des taureaux. Acad. d'Agr. de France. Compt. Rend. 39:369-374. May 14/21,1952. 14 P215Bc
Includes discussion.

84087 JOHANSSON, I. Dependency of milk yield on heredity and environment. (In Swedish.) Ladugårdén 6:168. June 1952. 44.8 L12

84088 JORDÃO, L. P., and ASSIS, F. DE P. Reproductive efficiency, weight at birth and increase in weight of red and white Holstein Friesian cattle. (In Portuguese.) B. de Indus. Anim. (n.s.)12:45-61. Ref. Dec. 1951,pub.1952. 49 R324
English summary.

84089 KADIC, M. Sterility in cows and poor development of calves in socialist sector. (In Serbo-Croatian.) Stočarstvo 6:114-120. Mar.1952. 43.8 St6

84090 KHRAMOV, A. S., and TRIBULKIN, P. T. Results of crossing local Siberian cattle with Simmental and ways of further improvement of hybrids. (In Russian.) Sovet. Zootekh. 7(3):23-39. Mar.1952. 49 So822

84091 KIRSCH, W., and PARAU, D. Schnellmelkversuche an Schwarzbunten Niederungsrindern. Deut. Molk-Ztg. 72:695. May 25,1951. 44.8 Su2

84092 KONIG, L. Deckringe sind rentabler. Allgäuer Bauernbl. 20:374. July 17,1952. 18 AL53
Cattle in Germany.

84093 KORPRICH, M. Einiges von der farbvererbung beim rind. Tierzüchter 4:328-329. July 5,1952. 49 T445

84094 KOZENKO, T. M. Increasing reproductive capacity and controlling sterility in farm animals. (In Russian.) Sotsialist. Zhivotnovod. 14(2):67-71. Feb.1952. 49 So71
Chiefly cattle.

84095 LAPORTE, E. V. Nouvelles des Brown-Swiss. B. Agr. 2(4):16. July 1952. 8 B87

84096 LARSSON, L. Control of offspring of bulls in Swedish cattle-raising. (In Italian.) Allevatore 8(26):3. June 29,1952. 49 AL25

84097 LAURANS, R. L'électro-éjaculation du taureau. France. Min. de l'Agr. B. Tech. d'Inform. 71: 410-415. July 1952. 14 F844B

84098 LEON, J. A., ACCAME, F., and BACIGALUPO, F. A. El crecimiento de las terneras Holstein en Lima. Agronomia [Lima] 17(69):59-62. May/June 1952. 9.8 Ag83
English summary.

84099 LINDAHL, P. E. New possibilities for improving results in artificial insemination. (In Swedish.) Ladugårdén 6:174-176. June 1952. 44.8 L12
Cattle.

84100 MCCORKLE, J. B. Your herd sire is your best salesman. Tex. Livestock J. 11(7):38,40. July 1952. 49 T29

84101 MCLAUGHLIN, A. L., and HIGGINS, L. A. Artificial breeding for better dairy herds. Miss. State Col. Ext. P. 213,6 p.-folder. Apr.1952. 275.29 M68Ext

84102 MANN, R. The 1952-53 range bull picture. Pacific Stockman 18(8):16,28. Aug.1952. 286.85 W52

84103 MARCKMANN, E. Die rinderzucht in Schleswig-Holstein. Deut. Molk.-Ztg. 72:638-640. May 25, 1951. 44.8 Su2

84104 MARTIN, H. How much is a bull worth? Cattleman 39(3):30,106. Aug.1952. 49 C29

84105 MAULE, J. P. The development of artificial insemination in India. Home Farmer 19(7):21-23. July 1952. 280.344 H75
Cattle, chiefly.

84106 MELROSE, D. R. Evaluation of [bovine] semen quality by the fructose utilisation test. Brit. Vet. J. 108:260-268. July 1952. 41.8 V643

84107 MEREGALLI, A. Experimental breeding of dairy cattle for warm climates. (In Italian.) Riv. de Zootec. 25:174-175. June 1952. 49 R52
Crossing European cattle with Brahmans.

84108 MILLER, L. D. West leads in Angus production. Tex. Livestock J. 11(7):12,30. July 1952. 49 T29

84109 MILLER, M. E. Grass roots organization of Angus breeders. Tex. Livestock J. 11(7):105-106. July 1952. 49 T29

84110 NARVAEZ RAMIREZ, G. L. La productividad de las razas Jersey y Holstein en clima tropical húmedo y bajo un régimen de estabulación completa. (Extr.) Agrotecnia 7,i.e.6:27-37. May/June 1952. 8 Ag825

84111 NEWCOMB, G. Genes and Herefords. Amer. Hereford J. 43(7):61. Aug.1,1952. 43.8 Am32

84112 NIELSEN, F. Sterility in cattle, especially as a result of uterine infection. Internatl. Vet. Cong. Rpt. 14(3):105-113. 1949,pub.1952. 41.9 In844
Includes discussion.

84113 NYDAHL, I. Raising beef cattle in USA. (In Swedish.) Ladugårdén 4:105-107. Apr.1952. 44.8 L12

84114 OBRAĆEVIĆ, C. About the progeny testing of breeders. I-II. (In Serbo-Croatian.) Stočarstvo 6:49-59, 109-114. Feb.-Mar.1952. 43.8 St6
Bulls.

84115 OLDS, D., TROUTMAN, E. C., and SEATH, D. M. The effect of age and size on the fertility of dairy heifers. J. Dairy Sci. 35:620-622. Ref. July 1952. 44.8 J822

84116 PAGOT, J. R. Improvement of bovines in French West Africa. (Abs.) United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:407. 1949,pub.1951. 279.9 Un32P

84117 PEYRONNET, R. L'insémination artificielle des bovins dans le département d'Alger. Rev. Agr. de l'Afrique du Nord 50:205-207. Apr.4,1952. 80 R326

84118 PLANK, G. M. VAN DER, and HIRSCHFELD, W. K. Increase in mean milk-production by the method of judging the animals. Internatl. Vet. Cong. Rpt. 14(3): 220-223. 1949,pub.1952. 41.9 In844
Selective breeding of cattle.

84119 POHL, A. Die familienzucht. Bauer 5(24):7-11. July 5,1952. 19 B32
Cattle breeding.

84120 POKORNY, E. Gefahren der künstlichen besamung der kinder. Kärntner Bauer 102:363-364. June 14,1952. 19 K14

84121 POLO JOVER, F., and QUILES MORA, G. Estudio de la población vacuna de raza Murciana. An. de Econ. Pecuaria 1:53-78. Ref. Jan.1952. 41.9 An1
English summary.

84122 PRESCOTT, M. S. Artificial breeding is big business. Holstein-Friesian World 49:1703-1708,1880-1882. Aug.16,1952. 43.8 H742

84123 REAVES, P. M. Early Holstein history in Virginia. Holstein-Friesian Assoc. Amer. Annu. Conv. 67: 27,29,31,33,35. 1952. 43.9 H74C

84124 RICKARD, J. A. Sussex cattle win Texas friends. Humble Farm Family 8(10):6-7. Mar.1952. 6 F233

84125 ROBB, C. Indian cattle in Ireland. Farm & Mach. 2(15):13. Aug.1951. 58.8 F2294

84126 ROUX, M. Encore l'imprégnation maternelle. Acad. d'Agr. de France. Compt. Rend. 39:375-377. May 14/21,1952. 14 P215Bc
Cattle breeding—legal aspects.

84127 SACCO, P. The Valdostana cattle breed. (In Italian.) Terra e Sole 119:236-238. July 1952. 16 T273

84128 SALE, C. O. Report on the activity during 1951 of the "Ente Zootecnico dell'Oltrepò". (In Italian.) Zootec. e Vet. 7:185-187. Apr./May 1952. 41.8 Z7
Cattle insemination center.

84129 SCHAEFER, W. F., JR. The business of proving sires. Guernsey Breeders' J. [Peterborough] 85:965, 985. Aug.1,1952. 43.8 G93

84130 SCHÄFER. Erfolgreiche jagd nach dem guten vererber. Allgäuer Bauernbl. 20:318-320. June 19,1952. 18 AL53
In cattle breeding.

84131 SCHAUS, R. The Campbells chose Charollais. West. Livestock J. 30(42):44,88-89. July 15,1952. 6 F2278

84132 SCHMIDT, B. Sonderkörung der besamungsbullen im lande Brandenburg 1951. Tierzucht 6:31-33. Jan.1952. 49 T443

84133 SCHMIDT, W. Tierärztliche zuchthygiene. Monatsh. f. Vetmed. 7:253-255. July 1,1952. 41.8 M742
Cattle.

84134 SCHOLZ, F. Rubrik "zuchtbullen" unter der lupe. Tierzüchter 4:334-335. July 5,1952. 49 T445

84135 SHAFFER, F. Here's why I go Shorthorn. Gulf Coast Cattleman 18(6):17-19. Aug.1952. 43.8 G95

84136 SJOLLEMA, P. Disturbances in the fertility of cattle. (In Dutch.) (Sum.) Keurmeester 43:113-115. July 1952. 50.8 K51

84137 SLAGLE, A. B. Buchanan likes his Guernseys. Sowest. Crop & Stock 6(8):9,88. Aug.1952. 6 So8942

84138 SØRENSEN, E. Experiences with artificial insemination [in cattle] in Denmark during ten years. Internatl. Vet. Cong. Rpt. 14(3):234-237. 1949,pub.1952. 41.9 In844

84139 SÖRENSEN, E. The value of the use of artificial insemination. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:392-394. 1949,pub.1951. 279.9 Un32P
Cattle breeding in Denmark.

84140 STEWART, A. A suggested plan for building a dairy herd. (Excerpts.) New Zeal. Dairy Exporter 28: 12-15. July 1952. 44.8 N484

84141 STEWART, D. M. A plea for milk and real beef forbye. Scotch Shorthorn Rec. (n.s.)1:21. June 1952. 43.8 Sco3

84142 STRASSBURG, H. Die aufbewahrung von bullensperma in milch. Tierzucht 6:188. June 1952. 49 T443

84143 SWENSSON, T. Fertilizing results at different intervals between parturition and first insemination. (In Swedish.) Ladugården 4:100-104. Apr.1952. 44.8 L12
Cattle.

84144 TASHKOVSKI, M. Planning the fertilization and calving of cows. (In Serbo-Croatian.) Socijalistićko Zemjodelstvo 3(10/11):43-47. Oct.1951. 280.28 So7

84145 THOMAS, R. Results of crossbreeding study. Breeder-Stockman 14(3):15. Aug.1952. 49 V81
Using Shorthorn bulls.

84146 THOMSON, M. New beef cattle breed is introduced to Australia. West. Live Stock 37(12):27. July 1952. 49 W523
Scottish Galloway.

84147 VANDEPLASSCHE, M., and PAREDIS, F. The viability of bull semen in the genital tract of cows and heifers. Internatl. Vet. Cong. Rpt. 14(3):225-227. 1949, pub.1952. 41.9 In844

84148 VANTIENHOVEN, A., and others. The preferential utilization by bull spermatozoa of glucose as compared to fructose. J. Dairy Sci. 35:637-641. Ref. July 1952. 44.8 J822
G. W. Salisbury, N. L. Vandemark, and R. G. Hansen, joint authors.

84149 VONKROSIGK, M. Oxygen consumption of semen from dairy bulls on three levels of carotene and vitamin A. (Abs.) J. Dairy Sci. 35:490-491. June 1952. 44.8 J822

84150 WALKER, J. P. The importance of good shows to the breed. Tex. Livestock J. 11(7):14,26,28. July 1952. 49 T29
Aberdeen-Angus cattle.

84151 WHITE, H. The breed of Shorthorns. Farm & Mach. 3(20):6. Jan.1952. 58.8 F2294

84152 WIESNER, E. Zur nachzucht eines in der entwicklung stark zurückgebliebenen bullen. Tierzucht 6:37-38. Feb.1952. 49 T443

84153 YATES, B. Purebred dairy cattle. Ala. Farmer 31(8):3,9. May 1952. 276.8 AL1

84154 ZAYAS, C., JR. Es necesario incrementar la cría de ganado de raza Suiza-Parda, para un aumento de producción de leche fresca. Rev. Ganad. [Habana] 12(7): 9-11,58. July 1952. 49 R321

84155 ZLATKOVIĆ, B. Cattle breeding in the 1951-52 economic year. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(2):57-62. Feb.1952. 21.5 So1
Yugoslavia.

84156 ZUBERBÜLER, R. I. The Aberdeen Angus breed in the Argentine Republic. (In Portuguese.) Lavoura 56:59-60. May/June 1952. 9.2 L39

Feeds and Feeding

84157 AICHER, L. C. Fattening of yearling steers with distillers dried grains as protein supplements. Grain & Feed J. Consolidated 109(3):27-28. Aug.13,1952. 298.8 G762

84158 ALLEN, N. N. Advances in dairy cow nutrition. Grain & Feed J. Consolidated 109(2):21-22. July 23,1952. 298.8 G762

84159 AXELSSON, J. Silage in the feed of dairy cattle. (In Swedish.) Ladugården 6:164-167. June 1952. 44.8 L12

84160 BAKHOVEN, H. G. A. L. Feeding cattle in these times. (In Dutch.) Neterlands. Dir. van de Landb. Landb. 13:97-107. 1951. 12 N384

84161 BALLARD, S. R., and GUILD, J. Increased dairy production from improved pastures. Agr. Gaz. N. S. Wales 63:232-235. May 1952. 23 N472

84162 BEESON, W. M., and PERRY, T. W. Balancing the nutritional deficiencies of roughages for beef steers. J. Anim. Sci. 11:501-515. Ref. Aug.1952. 49 J82
Feed formulas, including Purdue Supplement A.

84163 BEQUETTE, J. W. The effect of pine needles on pregnant range cows. Calif. Cattleman,Aug.1952:16. 43.8 C12

84164 BERGER, F. Mehr weidegang zur förderung der widerstandskraft unseres jungviehs. Allgäuer Bauernbl. 20:317. June 19,1952. 18 AL53

84165 BROUWER, E. Intensive production and cattle feeding. (In Dutch.) Netherlands. Dir. van de Landb. Landb. 13:108-130. Ref. 1951. 12 N384

84166 BROWN, B. Feeding secrets of dry land dairymen. Hoard's Dairyman 97:687,697. Aug.25,1952. 44.8 H65

84167 BRUNDAGE, A. L., and PETERSEN, W. E. A comparison between daily rotational grazing and continuous grazing. J. Dairy Sci. 35:623-630. July 1952. 44.8 J822

84168 CHISTOV, T. I. Utilization of feed from twigs for cattle. (In Russian.) Sotsialist. Zhivotnovod. 14(2): 27-28. Feb.1952. 49 So71

84169 COMBERG, G. Bedingt ein zusatz von heissem wasser zur tränkmilch eine schlechtere futterverwertung bei kälbern? Tierzucht 6:77-79. Mar.1952. 49 T443

84170 COMBERG, G. Trockenschnitzel als zufutter auf der weide. Tierzucht 6:149-153. May 1952. 49 T443

84171 COMBERG, G. Die verfütterung von tabakextraktionsschrot an milchkühe. I. Tierzucht 5:338-341. Nov.1951. 49 T443

84172 CORDIEZ, E. Ravitaillement protidique et reproduction des bovins. Sillon Belge 22(513):1,3. June 14,1952. 13 Si3

84173 CORRIE, F. E. Feeding farm animals. 60-61. Feeding dairy cows. Fert. Feed. Stuffs & Farm Supplies J. 38:461,463-464,499,502-503. July 23,Aug.6,1952. 57.8 F413

84174 DAUGHERTY, F. C. Maintaining breeding stock requires feed reserves. West. Live Stock 37(12): 59,63,86. July 1952. 49 W523
Beef cattle.

84175 DAVIDOV, R. B., and ARISTOVA, V. P. Effect of various portions of linseed cake fed to cows on composition and properties of butter. (In Russian.) Sovet. Zootekh. 7(3):53-61. Mar.1952. 49 So822

84176 DUDENEY, P. 35,000 gallons from grass. Farmers Wk. [London] 37(4):54-55. July 25,1952. 10 F2226

84177 DYRENDAHL, S. Some effects on young cattle and swine after feeding iodinated casein for a long time. Internatl. Vet. Cong. Rpt. 14(3):21-27. 1949,pub.1952. 41.9 In844

84178 GIULIANI, R. Technique of fattening cattle. I-IV. (In Italian.) Riv. di Zootec. 25:101-106,133-139,165-168,197-203. Apr.-July/Aug.1952. 49 R52

84179 GLASSCOCK, R. S. Creep feed purebred calves Ranchman 12(2):36-38. June 1952. 49 R15

84180 GLENDENING, B. L., and others. Mineral content of certain cattle feeds used in north central Kansas. J. Anim. Science 11:516-523. Ref. Aug.1952. 49 J82
W. G. Schrenk, D. B. Parrish, and E. F. Smith, joint authors.

84181 GREMO, A. Milk quality during cow pasturing. (In Swedish.) Mjölkpropagandan 29:162. June/July 1952. 44.8 M692

84182 GUARD, S. A. Purdue Supplement A. Breeder's Gaz. 117(6):12-13. June 1952. 49 B74
Beef cattle feeding.

84183 GUNTHART, A. Liegt die hohe milchleistung in der besseren verdauung und ausnützung des futters? Grüne 80:763-764. July 11,1952. 17 Sch9

84184 HARRIS, J. Summer beef the answer. Farmer & Stock-Breeder 66(3273):42-44. July 15,1952. 10 F228
Beef from summer grass.

84185 HARRISON, C. M. Pasture plants may fool you. Hoard's Dairyman 97:650. Aug.10,1952. 44.8 H65
Preferences of cattle and sheep.

84186 HAWKINS, J. R. Grass is the natural feed. South. Livestock J. 12(2):34,36. Aug.1952. 43.8 F66A
Pastures for cattle in the South.

84187 HERMAN, H. A. Fitting concentrate feeding to the quality of roughage. Guernsey Breeder's J. [Peterborough] 85:1129-1931. Aug.15,1952. 43.8 G93

84188 HOBBS, C. S., and MOORMAN, R. P. Tests show value of winter pasture for calves. Tenn. Agr. Expt. Sta. Prog. Rpt. 1:3,9. Jan./Mar.1952. 100 T25F

84189 HODGSON, R. E. Importance of legumes in dairy pastures. U. S. Bur. Dairy Indus. BDI-Inf-138,7 p. June 1952. 1.973 D4B34

84190 HODGSON, R. E. Milk for the future and how to get it. U. S. Bur. Dairy Indus. BDI-Inf-141,9 p. June 1952. 1.973 D4B34
Dairy cattle feeding.

84191 HOSS, R. May be profitable to feed cattle this fall. Kans. Stockman 37(10):42-43. Aug.1952. 49 K134

84192 HUMBERT, W. Les fourrages deshydratés valent l'herbe tendre. Agr. Prat. 116:328. June 1952. 14 J82
For dairy cattle.

84193 JACKSON, N. More milk—lower feed costs. Hoard's Dairyman 97:647,666. Aug.10,1952. 44.8 H65
Cattle feeding.

84194 KELLER, D. S. Cow vacations and golden opportunities. East. States Coop. 28(8):14-16. Aug. 1952. 280.28 Ea7
Chiefly feeding.

84195 KELTON, E. He asked the cows! Soil & Water Mag. 1(7):32-33. July 1952. 54.8 So3
Forage plants.

84196 KING, W. A. Nutritive value of rye grass and crimson clover. Victory Farm Forum 45:21. Aug.1952. 281.8 F226
For dairy cattle pasture.

84197 KINGEN, D., and others. Panel discussion: how we use roughage on our dairy farms. Ind. State Dairy Assoc. Annu. Rpt. 62:15-27. 1952. 44.9 In22
T. M. Ice, B. Gerke, E. Beaty, and I. D. Mayer, joint authors.
M. O. Pence, moderator.

84198 KNOPFF. Altes und neues zur haltung unserer rindviehbestände. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1099-1100. July 17,1952. 18 L2346
Feeding.

84199 LANGEN, V. Die milchkuh in unseren zuckerrübenbetrieben. I-II. Landwirt. Z. der Nord-Rheinprov. 119:814,846. Aug.2-9,1952. 18 L2344
Nutrition.

84200 LARSEN, L. H., and ESKEDAL, H. W. Fodring af køer med høj maelkeydelse. Feeding of high-yielding dairy cows. København,1952. 100 p. 104 D41
English summary.

84201 LEON, A., ACCAME, F., and SEMINARIO, C. Experiencias con harinas destetadoras para terneras. Agronomia [Lima] 16(68):76-81. Nov.1951/Jan.1952. 9.8 Ag83
English summary.

84202 LETARD, E., SZUMOWSKI, P., and LE GUEDARD, J. Etude de la valeur comparée des tourteaux d'arachides delipides par extraction aux solvants et par pression dans l'alimentation de la vache laitière. Oléagineux 7:495-502. Ref. Aug./Sept.1952. 77.8 OL2

84203 MCCONE, W. C. Immature ear corn silage and alfalfa silage for fattening cattle. Corn Belt Livestock Feeder 4(10):5. July 1952. 280.38 C81

84204 MACKINTOSH, J. Controlled grazing. Farmer & Stock-Breeder Ybk. 76:81-84. 1952. 49 F22
Pasture rotation of dairy herds.

84205 MARX, H. J. Nicht die absolute milchleistung ist entscheidend. Tierzucht 5:369-370. Dec.1951. 49 T443

84206 MOODY, E. G., HAUGE, S. M., and LUNDQUIST, N. S. Riboflavin studies with calves. I. Preparation of a riboflavin-deficient milk. J. Dairy Sci. 35:581-586. Ref. July 1952. 44.8 J822

84207 MYERS, W. M. Grasslands: the key to more meat and milk. Tex. Livestock J. 11(7):70, 72. July 1952. 49 T29

84208 NEW YORK. STATE COLLEGE OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. Feeding and managing heifers on pasture. N. Y. Agr. Col. Ext. Green Acres Serv. Letter 13,6 p.-folder. June 1952. 275.29 N48Gr

84209 NEWELL, P. F., and GRISSOM, E. E. What about grain in beef & lamb production. Miss. State Col. Ext. P. 204,4 p. Dec.1951. 275.29 M68Ext

84210 NIBLER, C. W. Two factors in raising dairy calves. Jersey B. 71:1020,1058,1060,1062. July 25,1952. 43.8 J48
Chiefly feeding.

84211 ORTON, J. Cattle graze submarginal land. Kans. Stockman 37(10):8-10. Aug.1952. 49 K134

84212 REDSHAW, G. E. Feeding dairy cows. Jamaica. Dept. Agr. Ext. C. 42,8 p. Apr.1951. 275.249 J22

84213 RICHARDS, C. R., and REID, J. T. The use of methoxyl groups in forage and fecal materials as an index of the feeding value of forages. J. Dairy Sci. 35: 595-602. Ref. July 1952. 44.8 J822

84214 RICHTER, K., and BECKER, M. Beiträge zum ernährungshaushalt von milchkühen hoher leistung. Arch. f. Tierernähr. 2:232-239. Jan./Feb.1952. 389.78 Ar22

84215 RICHTER, K., and CRANZ, K. L. Kälbermast mit magermilch. Deut. Landwirt.-Gesell. Mitt. 67:499-500. July 12,1952. 18 N39

84216 ROCHA, G. L. DA. Dolichos and dairy cattle. (In Portuguese.) Soc. Rur. Bras. Rev. 32(376):36. May 1952. 9.2 B733

84217 SANTOS, E. Notes on feeding of dairy cows. (In Portuguese.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:85. Mar.1952. 44.8 B634

84218 SAVAGE, D. A. Managing range and cattle for increased production. Nowest. Okla. Cattleman 7(4):8-9; (5):14; (6):11,14. May-July 1952. 43.8 N812
Grass varieties, and feeds.

84219 SCHMIEDER, P. Der einfluss des futters auf den fettgehalt der milch in züchterischer hinsicht. Tierzucht 6:109-111. Apr.1952. 49 T443

84220 SHEEHY, E. J. The age factor in beef production. Agr. Ireland 9:179-181. Aug.1952. 10.5 Ag8
Feed requirements and costs.

84221 SLADE, R E. Dried grass in the ration of dairy cows. Farmer & Stock-Breeder Ybk. 76:92-97. 1952. 49 F22

84222 SOUTHWELL, B. L. Plan the year's feed supply; work for year-round pastures as grass is backbone of beef industry. South. Livestock J. 12(2):54-55. Aug. 1952. 43.8 F66A
Georgia.

84223 STODDARD, G. E., and MARTIN, T. G. The effect on milk production, body weight and feed digestibility of feeding hay and grain in various ratios. (Abs.) J. Dairy Sci. 35:506. June 1952. 44.8 J822

84224 TAGLE, E. C., and HELMAN, M. B. Valor nutritivo de alimentos crudos y cocidos. I. Comparación de rendimientos en la preparación de "toros a corral". Buenos Aires. U. Facul. de Agron. y Vet. Rev. 13:47-73. Ref. Dec.1951. 9 B863
English summary.

84225 THOMAS, O. O. Observing the rights of cattle important in a food conscious world. Mont. Stockgrower 24(5):75-77. May 12,1952. 49 M76
Feeding beef cattle.

84226 TUREK, F. Die verwertung der nährstoffe. Bauer 5(25):2-3. July 12,1952. 19 B32
Cattle feeding.

84227 U. S. BUR. OF AGRICULTURAL ECONOMICS. Rations fed to milk cows, 1951, by J. L. Wilson and H. M. Walters. Washington,1952. 30 p. 1.941 H8F32
Statistics.

84228 URBANYI, L. Beitrage zum absoluten und effektiven mineralstoffbedarf des wachsenden kalbes, der trächtigen und der milchenden kuh. Acta Vet. 1:405-429. Ref. 1951. 41.8 Ac83

84229 VEER, H. J. TER. The influence of silage on the quality of milk. (In Dutch.) Landbode 6(25):12. June 19,1952. 12 L234

84230 VINE, R. Surprising results of experiments with lucerne. New Zeal. Farmer 73(7):9-10. June 5,1952. 23 N484
As a dairy feed supplement.

84231 VOGEL, H. Mastversuche mit ochsen und kühen unter verwendung des masthilfsmittels "Vevoron." Deut. Landwirt.-Gesell. Mitt. 67:517-518. July 19,1952. 18 N39

84232 VOLCANI, R., and SCHINDLER, H. Supplementation of nitrogen in orange peels for cattle feeding. Israel. Res. Council. B. 2:17-20. June 1952. 330.9 Is72B

84233 WASSERMAN, R. H., and others. The effect of antibiotics on in vitro cellulose digestion by rumen microorganisms. J. Dairy Sci. 35:571-580. Ref. July 1952. 44.8 J822
C. W. Duncan, E. S. Churchill, and C. F. Huffman, joint authors.

84234 WINCHESTER, C. F. How important is continuous weight gain in cattle? Scant-feed periods may not be as serious as you think. Successful Farming 50(8):42, 73-74. Aug.1952. 6 Su12

84235 WITT, M. Versuche über die zufütterung von trockenschnitzeln auf der weide. Arch. f. Tierernähr. 2:240-256. Jan./Feb.1952. 389.78 Ar22
To dairy cattle.

84236 WOERMANN, E. Milchverwertung durch kälbermast. Agrarwirtschaft 1:149-150. June 1952. 281.8 Ag826

84237 YOUNG, D. J. We are getting more milk per acre. N. J. Farm & Gard. 23(8):26-28. Aug.1952. 6 G162
Effect of feeding.

Veterinary Medicine

84238 ALEGREN, A. On infectious diseases in general and on foot-and-mouth disease in particular. (In Swedish.) Nord. Vetmed. 4(7,sup.):2-5. July 1952. 41.8 N813
Chiefly on foot-and-mouth disease of cattle.

84239 ANDERSEN, A. C., and HART, G. H. Histochemical methods in the study of telangiectasis. Amer. J. Vet. Res. 13:359-365. Ref. July 1952. 41.8 Am3A
In bovine liver.

84240 ANGELOV, S., and KUIUMDZHIEV, I. Essais d'immunisation active contre la brucellose en Bulgarie au moyen de la "souche 19". (In Bulgarian.) Bulgarska Akad. na Nauk. Mikrobiol. Inst. Izv. 2:55-78. Ref. 1951. 448.39 B87
French summary.
Cattle.

84241 AURIOL, P., and FEVRIER, R. Les jumeaux univitellins chez les bovins. France. Min. de l'Agr. B. Tech. d'Inform. 70:351-359. Ref. June 1952. 14 F844B

84242 BAISDEN, L. A., LARSEN, A. B., and VARDAMAN, T. H. Comparison of the potencies and specificities of human and bovine tuberculins. Amer. J. Vet. Res. 13:338-344. July 1952. 41.8 Am3A

84243 BAREI, S., and NARDELLI, L. Tuberculin in veterinary medicine with particular reference to the intradermic test in cattle. (In Italian.) Clin. Vet. 75:129-147,161-170. (Cont.) May-June 1952. 41.8 C61

84244 BARON, D. Mastitis can be controlled. Farmer's Mag. 49(8):13,38. Aug.1952. 7 C165
In cattle.

84245 BARONTI ESCHINI, L. Some new information concerning early pregnancy diagnosis in cattle. (In Italian.) Zootec. e Vet. 7:151-154. Apr./May 1952. 41.8 Z7

84246 BASTERRECHEA, L. DE. Tripanosomiasis bovina. Agr. Venezol. 16(153):31-32. Nov./Dec.1951. 9.95 Ag8

84247 BAUER, T. Uber erfolgreiche bekämpfung der maul- und klauenseuche im regierungsbezirk Trier. Deut. Tierarztl. Wchnschr. 59:209-211. July 15,1952. 41.8 D482

84248 BEATTIE, W. A. The management of cattle stations. VIII. Dips and dipping. Past. Rev. 62:585-587. June 16,1952. 23 Au75

84249 BELL, W. B. One cause of X-disease found. Prog. Farmer, Carolinas-Va. Ed. 67(8):100-101. Aug. 1952. 6 P945
In cattle.

84250 BENNETT, S. Bovine brucellosis. Austral. Dairy Rev. 20(7):17,24. July 1,1952. 44.8 Au73

84251 BERMAN, D. T., BEACH, B. A., and IRWIN, M. R. Studies on repeated vaccination of cattle with Brucella abortus strain 19. III. The response of vaccinated and revaccinated cattle to conjunctival exposure with a virulent strain of Brucella abortus during the third gestation period. Amer. J. Vet. Res. 13:351-358. Ref. July 1952. 41.8 Am3A

84252 BLASCHKE, F. Ein vereinfachtes hygienisch-organisatorisches sterilitätsbekämpfungsverfahren beim rind. Monatsh. f. Vetmed. 7:229-234. Ref. June 15,1952. 41.8 M742

84253 BOLKEN, A. Sind wir in der bekämpfung der rindertuberkulose auf dem richtigen weg? Deut. Landwirt.-Gesell. Mitt. 67:438-440. June 14,1952. 18 N39

84254 BOMAN, H. Advantages and disadvantages of dehorning. (In Swedish.) Ladugården 6:178-179. June 1952. 44.8 L12

84255 BONADONNA, T., and others. The elimination of oestrogen through the milk. Internatl. Vet. Cong. Rpt. 14(3):162-163. 1949,pub.1952. 41.9 In844
C. Brigatti, A. Fiorentino, and G. Mizzan, joint authors.

84256 BONGARDT. Klauenpflege leicht gemacht. Deut. Landwirt.-Gesell. Mitt. 67:421. June 7,1952. 18 N39
Cattle.

84257 BOOGAERDT, A. Traumatic gastritis of cattle. (In Dutch.) Tijdschr. v. Diergeneesk. 77:570-573. Aug.1,1952. 41.8 T431

84258 BORGIOLI, E. Applications of thyroactive proteins and artificial estrogens in dairy cattle. (In Italian.) Agr. delle Venezie 6:218-222,239-245. May-June 1952. 16 Ag826

84259 BOTTI, L. Primitive angio-endothelioma cavernosum in the heart of a cow. (In Italian.) Pisa. U. Facoltá di Med. Vet. Ann. 4:169-178. Ref. 1951. 41.9 P67
English summary.

84260 BRATLIE, O. Pathogenesis of [bovine] mastitis. Internatl. Vet. Cong. Rpt. 14(2):136-141. 1949,pub. 1952. 41.9 In844

84261 BUDDLE, M. B. Vaccination against bovine brucellosis in New Zealand. Internatl. Vet. Cong. Rpt. 14(2):193-198. 1949,pub.1952. 41.9 In844

84262 BUXTON, A., and FIELD, H. I. Salmonella infection in farm livestock. Internatl. Vet. Cong. Rpt. 14 (2):270-280. Ref. 1949,pub.1952. 41.9 In844
Chiefly cattle and poultry, in Great Britain.

84263 CAROLIS, V. DE. Mastitis and milking schools. (In Italian.) Mondo Agr. 3(25):6. June 22, 1952. 16 M74

84264 CASAROSA, L. Contribution to the knowledge of pathologic changes in striated muscle; waxy degeneration of muscles with calcareous infiltration in the symmetric muscle groups of cattle. (In Italian.) Pisa. U. Facoltá di Med. Vet. Ann. 4:159-168. Ref. 1951. 41.9 P67
English summary.
Similarity to white muscle disease.

84265 CAUTHEN, G. E. The effect of feeding small amounts of phenothiazine daily to beef cattle. (Abs.) J. Parasitol. 38(4,sect.2):31. Aug.1952. 448.8 J824

84266 CAUTHEN, G. E. The feeding of small amounts of phenothiazine daily to weaned calves. (Abs.) J. Parasitol. 38(4,sect.2):34. Aug.1952. 448.8 J824

84267 CHANG, M. C. Development of bovine blastocyst with a note on implantation. Anat. Rec. 113:143-161. Ref. June 1952. 447.8 An1

84268 CHILDS, T. Control of [bovine] tuberculosis in Canada. Internatl. Vet. Cong. Rpt. 14(2):212-214. 1949, pub.1952. 41.9 In844

84269 CLARENBURG, A., and VINK, H. H. Salmonella dublin carriers in cattle. Internatl. Vet. Cong. Rpt. 14(2):262-266. 1949,pub.1952. 41.9 In844

84270 CORRÊA, O. Incidence of tuberculosis and brucellosis in cattle in Rio Grande do Sul. (In Portuguese.) Granja [Porto Alegre] 8(60/61):91-92. Mar./Apr.1952. 9.2 G76

84271 CROOKSHANK, H. R., CALLIHAM, M. R., and GALVIN, M. R. Serum alkaline phosphatase activity in cows and ewes on winter wheat pasture. J. Anim. Science 11:560-565. Ref. Aug.1952. 49 J82

84272 CUNNINGHAM, I. J. Copper deficiency diseases in New Zealand and the relation thereto of dietary molybdenum. Internatl. Vet. Cong. Rpt. 14(3):48-54. 1949,pub.1952. 41.9 In844
In cattle and lambs.

84273 CUVIER, G. Médecine rurale: la tuberculose humaine d'origine bovine. Presse Méd. 60:788. (Cont.) May 24,1952. 448.8 P92
France.

84274 DAVIS, C. L., and ANDERSON, W. A. Postmortem and laboratory diagnosis of bovine granulomas encountered in meat inspection with special reference to tuberculosis. U.S. Livestock Sanit. Assoc. Proc. 55:282-285. 1951,pub.1952. 49.9 Un3R

84275 DAVIS, L. R., and BOWMAN, G. W. Coccidiosis in cattle. U. S. Livestock Sanit. Assoc. Proc. 55:39-50. Ref. 1951,pub.1952. 49.9 Un3R

84276 DAVIS, L. R., and BOWMAN, G. W. Preliminary report on a concentration method for detecting Anaplasma marginale. (Abs.) J. Parasitol. 38(4,sect.2): 26-27. Aug.1952. 448.8 J824
In blood of cattle.

84277 DELPY, L. P. Rôle des Hyalomma dans la transmission de la theileriose bovine. Biologie et taxonomie des espèces en cause. Internatl. Vet. Cong. Rpt. 14 (2):89-94. 1949,pub.1952. 41.9 In844
English summary.

84278 DEMARTEAU, H., and LEDERER, E. Sur un acide mycolonique (nouveau type d'acide mycolique) isolé d'une souche bovine de Mycobacterium tuberculosis. Acad. des Sci. Compt. Rend. 235:265-267. July 21,1952. 505 P21

84279 DIERNHOFER, K., and KUBIN, G. Versuche zur impfung tuberkulöser rinder mit schweinerotlaufbakterien. Wien. Tierärztl. Monatsschr. 39:397-410. July 1952. 41.8 T345
English summary.

84280 DIESEL, A. M. The epizootiology of lumpy skin disease in South Africa. Internatl. Vet. Cong. Rpt. 14(2):492-500. Ref. 1949,pub.1952. 41.9 In844
Cattle.

84281 DIETRICH. Auf dem wege zu Tb-freien rindvieh-beständen. Deut. Landwirt.-Gesell. Mitt. 67: 567-568. Aug.9,1952. 18 N39

84282 DOETSCH, R. N., ROBINSON, R. Q., and SHAW, J. C. Techniques employed in cultural investigations of the bacteriology of bovine rumen contents. J. Anim. Science 11:536-544. Ref. Aug.1952. 49 J82

84283 DONATIEN, A. A propos de la vaccination prémunitive contre l'anaplasmose bovine. Inst. Pasteur d'Algérie. Arch. 30:44-46. Mar.1952. 448.3 In7A

84284 EATON, H. D., and others. Blood levels of ascorbic acid and vitamin A during vitamin A depletion and effect of administration of ascorbic acid during terminal vitamin A depletion in the dairy cow. J. Dairy Sci. 35:607-614. Ref. July 1952. 44.8 J822
C. F. Helmboldt, J. E. Avampato, E. L. Jungherr, K. L. Dolge, and L. A. Moore, joint authors.

84285 ECKELL, O. A. Misapprehensions concerning plant poisoning in cattle and horses. Plants considered to be useful that are poisonous and plants considered to be poisonous that are useful. Internatl. Vet. Cong. Rpt. 14(3): 28-33. 1949,pub.1952. 41.9 In844
Cynodon hirsutus and Solanum glaucum in Argentina.

84286 EDEN, E. L., JR. Dystocia in young and underdeveloped cattle. Allied Vet. 23(4):17. July/Aug.1952. 41.8 AL5

84287 EDGSON, F. A. Bovine lipomatosis. Vet. Rec. 64:449-454. Aug.2,1952. 41.8 V641

84288 EDWARDS, J. T. Uses and limitations of the caprinized virus in the control of rinderpest (cattle plague) in Near Eastern and British cattle. Internatl. Vet. Cong. Rpt. 14(2):440-444. Ref. 1949,pub.1952. 41.9 In844

84289 EGOROV, I. N. On the significance of infusoria in the digestion of cattle. (In Russian.) Veterinariia 29 (5):50-53. May 1952. 41.8 V6426

84290 EHRLICH. Die weide- oder grastetanie der kühe. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 1020. July 3,1952. 18 L2346

84291 EIELAND, E. Pneumococcus mastitis in cows. (In Norwegian.) Nord. Vetmed. 4:703-706. July 1952. 41.8 N813
English summary.

84292 ENDER, F., HALSE, K., and SLAGSVOLD, P. Studies on the importance of the dietary magnesium in the production and prevention of hypomagnesemia in dairy cows and its relation to the tetany-paresis syndrome. Internatl. Vet. Cong. Rpt. 14(3):14-20. 1949,pub.1952. 41.9 In844
Includes discussion.

84293 ERNST, R. Richtlinien für die anerkennung von tuberkulosefreien rinderbeständen. Bauer 4(44):14-15. Dec.22,1951. 19 B32

84294 ERNST, R. Rindertuberkulose-bekämpfungsaktion. Bauer 5(3):13-15. Jan.19,1952. 19 B32
Austria.

84295 FAIN, P., DENNIS, J., and HARBAUGH, F. G. The effect of added manganese in feed on various mineral components of cattle blood. Amer. J. Vet. Res. 13:348-350. July 1952. 41.8 Am3A

84296 FARQUHARSON, J. Vaginal prolapse in the bovine. Internatl. Vet. Cong. Rpt. 14(3):264-267. 1949, pub.1952. 41.9 In844

84297 FAUSTINI, R. Treatment of enzootic diarrhea in calves with chloramphenicol (farmicetina) alone or associated with sulfamide (colifarmina). (In Italian.) Zootec. e Vet. 7:141-143. Apr./May 1952. 41.8 Z7
English summary.

84298 FICK, J. F., and SCHUSS, J. Heartwater immunisation under field conditions in Swaziland. So. African Vet. Med. Assoc. J. 23:9-14. Mar.1952. 41.8 So8
Cattle.

84299 FIENNES, R. N. T. W. Antrycide and the future of trypanosomiasis of cattle. Vet. Rec. 64:423-425. Ref. July 19,1952. 41.8 V641

84300 FISCHER, E. Gemelos idénticos en el bovino. Rev. de Med. Vet. y Parasitol. 10:97-103. Jan./Dec.1951. 41.8 R3293

84301 FLÜCKIGER, G. Zur bekämpfung des rinderabortus Bang. Grüne 80:755-759. July 11,1952. 17 Sch9

84302 FORMSTON, C. Traumatic reticulitis in cattle; its diagnosis, treatment and prognosis. Internatl. Vet. Cong. Rpt. 14(3):250-256. Ref. 1949,pub.1952. 41.9 In844
Includes discussion.

84303 FRANK, A. H., and BRYNER, J. H. An instrument for collecting samples from the reproductive tract of cows for bacteriological study. Amer. Vet. Med. Assoc. J. 121:97-98. Aug.1952. 41.8 Am3

84304 FREAN, J. R. Foreign bodies in [bovine] rumen. So. African Vet. Med. Assoc. J. 23:53-54. Mar. 1952. 41.8 So8

84305 FREDERIKSEN, L. P. L'extermination de la tuberculose bovine au Danemark. Soc. Belge d'Etudes et d'Expansion. B. 151:437-440. May/July 1952. 280.8 So17

84306 GAGGERMEIER, G. Nun aber wieder tuberkulosebekämpfung! Landwirt. Wchnbl. 142:832,856-857. July 26-Aug.2,1952. 18 L2338
Cattle.

84307 GARKAVI, O. V., and AL'TMAN, A. D. Composition of blood flowing from the lactating and nonlactating parts of the [bovine] udder. (In Russian.) Zhur. Obshch. Biol. 13:139-142. Mar./Apr.1952. 442.8 Z6

84308 GARM, O. Endocrine disturbances in bovine nymphomania. Internatl. Vet. Cong Rpt. 14(3):151-155. 1949,pub. 1952. 41.9 In844
Includes discussion.

84309 GARNER, F. H. Spare the hoof and spoil the beast. Farmer & Stock-Breeder 66(3274):36-37. July 22, 1952. 10 F228
Care of cattle hoofs.

84310 GODGLUCK, G. Partielle kongenitale hydrozephalie bei einem kalbe (encephalocystomeningocele der bulbi olfactorii). Monatsh. f. Vetmed. 7:250-252. July 1,1952. 41.8 M742

84311 GOTZE, R. Uber die grundlagen der tuberkulosebekämpfung beim rind und die fehler bei ihrer durchführung. Deut. Landwirt.-Gesell. Mitt. 67:422-423. (Concl.) June 7,1952. 18 N39

84312 GRANADOS M, M. A. La acción galactógena del dietilestilbestrol. Rev. de Med. Vet. y Parasitol. 10:177-210. Jan./Dec.1951. 41.8 R3293

84313 GREGORY, T. S. Diagnosis and control of bovine tuberculosis in the Australian environment. Internatl. Vet. Cong. Rpt. 14(2):207-211. 1949,pub.1952. 41.9 In844

84314 HALLGREN, W. Experiments in treating foot-and-mouth disease. (In Swedish.) Nord. Vetmed. 4(7,sup.):23-27. July 1952. 41.8 N813

84315 HANSARD, S. L., COMAR, C. L., and PLUMLEE, M. P. Absorption and tissue distribution of radiocalcium in cattle. J. Anim. Science 11:524-535. Ref. Aug.1952. 49 J82

84316 HOFMANN, W. Das staatliche tuberkulosebekämpfungsverfahren in der Schweiz. Internatl. Vet. Cong. Rpt. 14(2):225-230. 1949,pub.1952. 41.9 In844
English summary.

84317 HOLMBERG, J. Experiences in the control of contagious abortion in Finland. Internatl. Vet. Cong. Rpt. 14(2):179-186. 1949,pub.1952. 41.9 In844
Cattle.

84318 HUDSON, J. R. A specific venereal disease of cattle characterized by epididymitis in bulls and vaginitis in cows and heifers. Internatl. Vet. Cong. Rpt. 14(2):487-491. 1949,pub.1952. 41.9 In844
Includes discussion.

84319 HUHTANEN, C. N., ROGERS, M. R., and GALL, L. S. Improved techniques for isolating and purifying rumen organisms. J. Bact. 64:17-23. July 1952. 448.3 J82
Bacteria in cattle rumen.

84320 HUTCHINSON, C. Wisconsin's Bang's program. Pure Milk 25(9):6-7. Sept.1951. 280.28 P97

84321 JACOTOT, H. Qualités majeures du vaccin tissulaire formole alumine. Internatl. Vet. Cong. Rpt. 14 (2):431-435. 1949,pub.1952. 41.9 In844
English summary.
For rinderpest.

84322 JAMIESON, S., and ALLCROFT, R. Hypocupraemic pining of calves in Caithness. Internatl. Vet. Cong. Rpt. 14(3):55-60. 1949,pub.1952. 41.9 In844

84323 JARRETT, W. F. H. A technique for bovine blood transfusion. Vet. Rec. 64:429. July 19,1952. 41.8 V641

84324 JEPSEN, A., and ROTH, H. Epizootiology of Cysticercus bovis—resistance of the eggs of Taenia saginata. Internatl. Vet. Cong. Rpt. 14(2):43-50. 1949,pub. 1952. 41.9 In844

84325 JOHANSSON, I., KORKMAN, N., and NELSON, N. J. Studies on udder evacuation in dairy cows. Acta Agr. Scand. 2:43-102. Ref. 1952. 11 Ac82

84326 JOYNER, L. P. Some observations on Trichomonas foetus infections in bulls. (Sum.) Vet. Rec. 64: 439-440. July 26,1952. 41.8 V641

84327 KARSTEN. Wie steht es zur zeit mit der bekämpfung des abortus Bang im bereiche der Landwirtschaftskammer Hannover? Deut. Tierarztl. Wchnschr. 59:215-217. July 15,1952. 41.8 D482
Cattle.

84328 KATRANDZHIEV, K. Recherches sur l'action antagoniste de Bacterium bulgaricum et Streptococcus thermophilus envers le Mycobacterium tuberculosis. (In Bulgarian.) Bulgarska Akad. na Nauk. Mikrobiol. Inst. Izv. 2:117-145. Ref. 1951. 448.39 B87
French summary.
Includes cattle.

84329 KESTEVEN, K. V. L. Lapinized rinderpest vaccine. Internatl. Vet. Cong. Rpt. 14(2):427-430. 1949, pub.1952. 41.9 In844

84330 KÖNIG, L. Sind erstlingskälber wirklich lebenskräftiger? Allgäuer Bauernbl. 20:385-386. July 24,1952. 18 AL53

84331 LAWSON, J. R., and DALLING, T. Recent experiences in [bovine] brucellosis in Great Britain. Internatl. Vet. Cong. Rpt. 14(2):199-206. 1949,pub.1952. 41.9 In844

84332 LEONHARDT, H. Die bekämpfung der rindertuberkulose. Tierzucht 6:189-192. June 1952. 49 T443

84333 LITTLE, R. B. Bovine mastitis: recent advances in theories regarding the susceptibility of the udder to infection. Internatl. Vet. Cong. Rpt. 14(2):145-153. 1949,pub.1952. 41.9 In844

84334 LONG, J. F., and others. Bovine protein-bound serum iodine and its relation to age and breed. J. Dairy Sci. 35:603-606. July 1952. 44.8 J822
L. O. Gilmore, G. M. Curtis, and D. C. Rife, joint authors.

84335 LÜHRS. Bekämpfung der lungenwurmseuche der kälber. Landwirtbl. Weser-Ems 99:657-658. July 3,1952. 18 L2345

84336 MCENTEE, K., ROBERTS, S. J., and SEARS, R. M. Prolonged gestation in two Guernsey cows. Cornell Vet. 42:355-359. July 1952. 41.8 C81

84337 MARSH, H. Calf losses. Mont. Stockgrower 24(5):50-52. May 12,1952. 49 M76
Through disease and nutritional deficiencies.

84338 MASOERO, P. Observations on the characteristics of dairy cattle and on the importance of functional control. (In Italian.) Cron. Econ. 112:32-35. Apr.1952. 280.8 C882

84339 MASTALL, H. Uber den kaiserschnitt beim rind in der landpraxis. Deut. Tierarztl. Wchnschr. 59: 21-22. Jan.15,1952. 41.8 D482

84340 MAYHEW, R. L. Results of feeding small amounts of phenothiazine in pure infections of the large stomach worm Haemonchus contortus in the calf. (Abs.) J. Parasitol. 38(4,sect.2):30-31. Aug.1952. 448.8 J824

84341 MESSERVY, A. Observations on and treatment of clinical acetonaemia. Internatl. Vet. Cong. Rpt. 14(3): 102-104. 1949,pub.1952. 41.9 In844
Cattle.

84342 MIALHE-VOLOSS, C. Action mélanophorodilatatrice des lobes antérieurs et postérieurs d'hypophyses de rat et de boeuf. Acad. des Sci. Compt. Rend. 235:211-213. July 16,1952. 505 P21

84343 MINCHEV, P. Über die therapie der trichomonose beim rind mit parasitoziden mitteln. (In Bulgarian.) Bulgarska Akad. na Nauk. Inst. po Eksper. Vet. Med. Izv. 1:179-196. 1951. 41.9 B87
German summary.

84344 MOLS. Epithéliome vulvaire chez une vache. Belgium. Min. des Colon. B. Agr. du Congo Belge 43: 533-536. June 1952. 24 K83

84345 MONTEMAGNO, F. Existencia de la fiebre catarral maligna o coriza gangrenosa de los bovinos en Guatemala. Guatemala. Dir. Gen. de Ganad. B. 5,53 p. Ref. 1951. 49.9 G93B
English summary.

84346 MOORE, T., and MITCHELL, C. A. Bovine brucellosis: a study of questionable animals. Canad. J. Compar. Med. 16:250-253. July 1952. 41.8 C162

84347 MURNANE, D. Some observations on the control of mastitis of dairy cows in Australia. Internatl. Vet. Cong. Rpt. 14(2):127-135. 1949,pub.1952. 41.9 In844

84348 MUSTAKALLIO, E., and RISLAKKI, V. Blood groups of cattle. Internatl. Vet. Cong. Rpt. 14(3):202-207. 1949,pub.1952. 41.9 In844

84349 NACHEV, B. Beitrag zur therapie der enzootischen furunkulose der rinder. (In Bulgarian.) Bulgarska Akad. n Nauk. Inst. po Eksper. Vet. Med. Izv. 1:85-94. 1951. 41.9 B87
German summary.

84350 NASCIMENTO, C. B. The danger of inflammation of the uterus and other infections in cows. (In Portuguese.) Seleç. Agr. 7(72):57-58. Apr.1952. 9.2 Se4

84351 NIELSEN, F. W. The organisation and control of the fight against tuberculosis among cattle in Denmark. Internatl. Vet. Cong. Rpt. 14(2):215-220. 1949,pub.1952. 41.9 In844

84352 OTTOSEN, H. E., and PLUM, N. Intradermal brucellosis tests in cattle with a non-antigenic agent. Internatl. Vet. Cong. Rpt. 14(2):173-178. 1949,pub.1952. 41.9 In844

84353 PAINE, J. 12 months' drought, so the cattle must be tough. Farmer & Stock-Breeder 66(3275):38-39. July 29,1952. 10 F228
Qualities required in British cattle to withstand Texas drought conditions.

84354 PANDA, S. N. Milk fever in a buffalo. Indian Vet. J. 28:378-379. Mar.1952. 41.8 In2

84355 PEETERS, G. The "let down" of milk from the udder alveoli of cattle. Internatl. Vet. Cong. Rpt. 14 (3):135-136. 1949,pub,1952. 41.9 In844

84356 PELLEGRINI, C., and GUARINI, G. Mise en évidence d'anticorps fixateurs, dans le sérum d'animaux immunisés contre la peste bovine, avec la méthode de la fixation du complément modifiée. Off. Internatl. des Epiz. B. 37:233-237. May/June 1952. 41.8 Of2

84357 PERUCHON, J. Les causes de l'avortement chez les bovins. Rev. Agr. de l'Afrique du Nord 50: 157-158. Mar.7,1952. 80 R326

84358 PICKEN, J. C., JR., BIESTER, H. E., and COVAULT, C. H. Trichloroethylene extracted soybean oil meal poisoning. Iowa State Col. Vet. 14:137-141. 1952. 41.8 V6425
Cattle.

84359 PILET. Recherche de la Q fever a Madagascar. Off. Internatl. des Epiz. B. 37:301. May/June 1952. 41.8 Of2
Includes cattle.

84360 PISTOR, W. Larkspur [Delphinium barbeyi]. Ariz. Cattelog 7(10):64-66. June 1952. 43.8 Ar42
Toxicity to cattle.

84361 POEPPINGHAUSEN, K. J. V. Sachgemässe anwenduug von viehsalz, salzlecksteinen und -leckrollen sowie pfannensteinen zur viehfütterung. Tierzucht 6:62-63. Feb.1952. 49 T443

84362 PURCHASE, H. S. The problem of rinderpest in peasant and undeveloped countries. Internatl. Vet. Cong. Rpt. 14(2):436-439. 1949,pub.1952. 41.9 In844

84363 RAGNI, M. Contribution to the treatment of herpes tonsurans in cattle. (In Italian.) Prog. Vet. 7: 460-461,463. July 1,1952. 41.8 P942

84364 RAMANUJAM, Y., GURUMURTI, V., and VENKATANARAYANA, J. Benzene hexachloride poisoning in cattle. Indian Vet. J. 28:377-378. Mar.1952. 41.8 In2

84365 RAMON, G., and others. De l'influence des suspensions de colibacilles formolées (anavaccin) sur l'immunité engendrée par l'anatoxine staphylococcique. Off. Internatl. des Epiz. B. 37:228-232. May/June 1952. 41.8 Of2
R. Richou, J. P. Thiery, and C. Gerbeaux, joint authors.
Cattle.

84366 RIBEIRO, J. A. Anatomy of milk secretion. (In Portuguese.) B. do Leite 5(58):11-12,19. Apr.1952. 44.8 B633

84367 RIBEIRO, J. A. The marvels of lactation. (In Portuguese.) B. do Leite 5(60):5-6. June 1952. 44.8 B633
Cattle.

84368 RISLAKKI, V., and STENBERG, H. Comparative tests with A. B. R. Antigens. (In Swedish.) Nord. Vetmed. 4:674-689. Ref. July 1952. 41.8 N813
English summary.

84369 RITCHIE, J. N. Tuberculosis in cattle from the public health aspect. Internatl. Vet. Cong. Rpt. 14(2): 235-242. Ref. 1949,pub.1952. 41.9 In844
Transmission to man.

84370 RODRIGUEZ GARCIA, M. I. Un caso de vaca cesarizada. An. de Econ. Pecuaria 1(2):37-55. Ref. Apr.1952. 41.9 An1

84371 ROGHETO, A. Case of anasarca in a cow. (In Italian.) Prog. Vet. 7:424,426. June 15,1952. 41.8 P942

84372 RUBENKOV, A. Treatment of post-partum paresis in cows by strapping. (In Russian.) Veterinariia 29(5):53. May 1952. 41.8 V6426

84373 SAFFORD, J. W. White muscle disease. Mont. Stockgrower 24(5): 60-61. May 12,1952. 49 M76
In calves and lambs.

84374 SAITO, Y. Bovine influenza vaccine newly prepared. (In Japanese.) Japan Vet. Med. Assoc. J. 4:301-302. Sept.1951. 41.9 J275

84375 SAMPSON, J. Physiological aspects of therapy for acetonemia in ruminants. Internatl. Vet. Cong. Rpt. 14(3):93-101. Ref. 1949,pub.1952. 41.9 In844
Includes discussion.
Cattle and sheep.

84376 SCHLIESSLEDER, R. Ratschläge zur maul- und klauenseuche. Bauer 5(22):3-4. June 14,1952. 19 B32
Austrian cattle.

84377 SCHMIDT, H., and FRANKLIN, T. E. Experimental bovine anaplasmosis and its treatment with Trifloryl. U.S. Livestock Sanit. Assoc. Proc. 55:260-270. 1951,pub.1952. 49.9 Un3R

84378 SCHNEIDER, F. L. Anthrax in cattle. N. Mex. Stockman 17(8):26-28. Aug.1952. 49 N462

84379 SCHUH, F. Die rinderbestände sind in gefahr! Bauer 5(3):6-7. Jan.19,1952. 19 B32
Foot and mouth disease in Austria.

84380 SEELEMANN, M. Ausrottung der rindertuberkulose in Dänemark. Molk.- u. Käserei-Ztg. 3:795. June 26,1952. 44.8 M736

84381 SHARMA, G. K., and KALRA, D. S. Acute theileriasis in a calf. Indian Vet. J. 28:371-374. Mar. 1952. 41.8 In2
Includes discussion.

84382 SHAW, J. C. Recent advances in the knowledge of ketosis in dairy cows. Ind. State Dairy Assoc. Annu. Rpt. 62:13-15. 1952. 44.9 In22

84383 SIMMS, B. T. Bovine tuberculosis. Internatl. Vet. Cong. Rpt. 14(2):243-247. 1949,pub.1952. 41.9 In844
Eradication in U.S.A.

84384 SJOLLEMA, P., STEGENGA, T., and TERPSTRA, J. Infectious sterility in cattle, caused by Vibrio foetus. Internatl. Vet. Cong. Rpt. 14(3):123-127. 1949, pub.1952. 41.9 In844

84385 SLAGSVOLD, L. Measures taken in Norway against infectious cattle mastitis. Internatl. Vet. Cong. Rpt. 14(2):142-144. 1949,pub.1952. 41.9 In844

84386 SMOLIAK, S. Poisonous plants on shortgrass ranges. Canad. Cattlemen 15(6):14,31. June 1,1952. 49 C16

84387 SOARES, R. N. G. The mammary gland and milk secretion. (In Portuguese.) Agronomia [Rio de Janeiro] 10:253-258. Oct./Dec.1951. 9.2 Ag892
Cattle.

84388 SOBIECH, T. The recognising of the fasciolosis of cattle by means of the intracutaneous reaction. (In Polish.) Polskie Arch. Weter. 1:213-230. Ref. 1951: 41.8 P76
English summary.

84389 STABLEFORTH, A. W. Mastitis in milking cows with special reference to eradication of Str. agalactiae. Internatl. Vet. Cong. Rpt. 14(2):154-164. Ref. 1949, pub.1952. 41.9 In844

84390 STENIUS, R. Experience gained in the control of bovine tuberculosis in Finland. Internatl. Vet. Cong. Rpt. 14(2):221-224. 1949,pub.1952. 41.9 In844

84391 STERNE, M., and WENTZEL, L. M. Botulism in animals in South Africa. Internatl. Vet. Cong. Rpt. 14 (3):329-331. Ref. 1949,pub.1952. 41.9 In844
Cattle.

84392 STEWART, R. D. What are good hind legs, feet and pasterns? Guernsey Breeders' J. [Peterborough] 85:966-967,984. Aug.1,1952. 43.8 G93

84393 STRAUB, M. The dual origin of tuberculosis in man. (In Dutch.) Nederlands Melk- en Zuiveltijdschr. 6:169-179. Apr./June 1952. 44.8 N283
English summary.

84394 SUURBALLE, A. Control of brucellosis. (In Danish.) Jerseybladet 46:38-41. (Cont.) July 1952. 43.8 J485

84395 SZYFFRES, B. Consideraciones sobre la lucha contra la brucelosis bovina. Uruguay. Min. de Ganad. y Agr. B. Inform. 414:8-10. May 8,1952. 9.9 G15B

84396 TAGLE, E. C. Métodos para reconocer la preñez en la vaca y en la yegua. Res 20:26978-26980. May 5,1952. 286.85 R31

84397 TANNER, A. On the so-called udder actinomycosis in cattle. (In Swedish.) Nord. Vetmed. 4:655-673. Ref. July 1952. 41.8 N813
English summary.

84398 TARVER, W. J. Trace elements and the postparturient bovine; some notes on observations and field research into retention of the placenta and acetonaemia. Brit. Vet. J. 108:256-260. July 1952. 41.8 V643

84399 THIJN, J. W. The morphological blood picture in bovine tuberculosis. Internatl. Vet. Cong. Rpt. 14(2): 251-256. 1949,pub.1952. 41.9 In844

84400 THOMSEN, A. Experimental studies on the incubation period of infectious abortion in cattle. Internatl. Vet. Cong. Rpt. 14(2):167-172. 1949,pub.1952. 41.9 In844

84401 TORRES RONCEROS, J. Tricomoniasis genital bovina. II. Holstein Colomb. 6(41):14-17. Apr./May 1952. 43.8 H744

84402 TRAUTWEIN, K. Ist die rinder-Tbc-bekämpfung wirklich nötig? Bauern-Ztg. 5(30):1-2. July 25, 1952. 18 B324

84403 TUCKER, E. W. Does pen stabling reduce the incidence of mastitis? N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25:9-13. 1951,pub.May 1952. 44.9 N4833

84404 TUFF, P., and GLEDITSCH, L. A. Ichthyosis congenita in calves—a hereditary character. Internatl. Vet. Cong. Rpt. 14(3):208-211. 1949,pub.1952. 41.9 In844

84405 U.S. LIVESTOCK SANITARY ASSOCIATION. ADVISORY COMMITTEE ON ANAPLASMOSIS. Report. U.S. Livestock Sanit. Assoc. Proc. 55:271-272. 1951,pub 1952. 49.9 Un3R
H. Schmidt, chairman.
In cattle.

84406 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON INFECTIOUS DISEASES OF CATTLE. Report. U.S. Livestock Sanit. Assoc. Proc. 55:301-302. 1951,pub.1952. 49.9 Un3R
H. U. Garrett, chairman.

84407 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON TUBERCULOSIS. Report. U.S. Livestock Sanit. Assoc. Proc. 55:290-293. 1951,pub.1952. 49.9 Un3R
H. W. Johnson, chairman.
In cattle.

84408 USUELLI, F., and PIANA, G. Notes, experimental research, physiological and zootechnical considerations of "let-down" of milk. II-III. (In Italian.) Riv. de Zootec. 25:107-113,140-145. Apr.-May 1952. 49 R52

84409 VAIDYANATHAN, S. N. A case of acute lymphatic leukaemia in a bullock. Indian Vet. J. 28:351-352. Mar.1952. 41.8 In2

84410 VAIDYANATHAN, S. N. Fracture of the lower jaw in a calf. Indian Vet. J. 28:376. Mar.1952. 41.8 In2

84411 VAITSMAN, J. Control of pneumoenteritis in calves. (In Portuguese.) Seleç. Agr. 7(72):63-64. Apr.1952. 9.2 Se4

84412 VANDEVELDE, A., and others. Use of stilbestrol to cause abortion and to induce calving in cases of prolonged gestation of cattle. (In Flemish.) Vlaams Diergeneesk. Tijdschr. 21:93-104. May 1952. 41.8 V84
J. Vandenberghe, M. Vandeplassche, and F. Paredis, joint authors.
English summary.

84413 VILLARES, J. B. Por que las vacas pierden peso durante la lactancia. Res 20:26922-26923. Apr.5, 1952. 286.85 R31

84414 VILLARES, J. B., and BERTHET, L. A. Zootechnical climatology. XI-XII. (In Portuguese.) B. de Indús. Anim. (n.s.)12:3-44. Ref. Dec.1951,pub.1952. 49 R324
English summary.
Anatomy of Bos taurus and Bos indicus in adaptation to environment.

84415 VILLENEUVE, P. La pourriture du pied est un mal sérieux chez les vaches. B. des Agr. 34(7):50. July 1952. 7 B872

84416 VRIES, L. P. DE. The organisation for the fight against tuberculosis in cattle in the Netherlands. Internatl. Vet. Cong. Rpt. 14(2):231-234. 1949,pub.1952. 41.9 In844

84417 WADE, L. L. Effects of low temperature on the eggs of the common liver fluke (Fasciola hepatica) in beef livers. Amer. J. Vet. Res. 13:345-347. July 1952. 41.8 Am3A

84418 WARD, G. M., BLOSSER, T. H., and ADAMS, M. F. The relation of prepartal and postpartal mineral balances to the occurrence of parturient paresis in dairy cows. J. Dairy Sci. 35:587-594. Ref. July 1952. 44.8 J822

84419 WAYMAN, O., and ASDELL, S. A. Studies in the physiology of bovine nymphomania. Cornell Vet. 42: 296-303. Ref. July 1952. 41.8 C81

84420 WEISS, K., and HOLZ, J. Die epidemiologie, feststellung und bekämpfung der trichomonadenseuche der rinder. Fortpflanzung u. Besamung der Haustiere 2:52-53. (Concl.) Ref. In Deut. Tierarztl. Wchnschr. 59 (27/28). July 15,1952. 41.8 D482

84421 WHITTEN, L. K. Photosensitized keratitis in calves after dosing with phenothiazine. Internatl. Vet. Cong. Rpt. 14(2):56-60. 1949,pub.1952. 41.9 In844
Includes discussion.

84422 WIESNER, E. Ein besonders ausgeprägter fall von amyotrophischer vordergliedmassenverkrümmung beim kalb. Tierzucht 6:154-155. May 1952. 49 T443

84423 WISCONSIN. UNIVERSITY. COLLEGE OF AGRICULTURE. DEPT. OF VETERINARY SCIENCE. Foot rot of cattle (pododermatitis). Wis. Agr. Col. Ext. C, 423,2 p. May 1952. 275.29 W75C

84424 WOELFFER, E. A. Our struggle with bloat. Hoard's Dairyman 97:684-685. Aug.25,1952. 44.8 H65

84425 WOLDIKE-NIELSEN, F. Can epizootic foot-and-mouth disease be avoided in the future? (In Danish.) Nord. Vetmed. 4(7,sup.):28-32. July 1952. 41.8 N813
Cattle.

84426 WRIGHT, J. G. Caesarian section in the bovine. Internatl. Vet. Cong. Rpt. 14(3):257-263. Ref. 1949,pub.1952. 41.9 In844
Includes discussion.

84427 WRIGHT, N. Diseases of cattle. Canad. Cattlemen 15(6):18-19,26-27; (7):8-9,36-37; (8):7,38; (9):10-11. June-Sept.1952. 49 C16

84428 YORK, C. J. Aspects of control in bovine leptospirosis. U.S. Livestock Sanit. Assoc. Proc. 55:295-300. Ref. 1951,pub.1952. 49.9 Un3R

84429 ZYGLER, Z. The influence of nonspecific factors on the increase of agglutination titre in blood of cattle infested with Brucella abortus. (In Polish.) Polskie Arch. Weter. 1:231-256. Ref. 1951. 41.8 P76
English summary.

Miscellaneous

84430 ALVIM, D. DE R. Quality of a good milker. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:191-192. May/June 1952. 9.2 R324

84431 ANDERSON, A., and HIGGINS, L. A. 4-H dairy cattle judging. Miss. State Col. Ext. P. 194,11 p. June 1951. 275.29 M68Ext

84432 BLIZZARD, W. L. Bases del éxito en la cría de ganado vacuno. Hacienda 47(7):62. Aug.1952. 6 H11

84433 BOMAN, H. Problem cows. (In Swedish.) Ladugården 4:119. Apr.1952. 44.8 L12
Milking.

84434 BROWN, B. Hot-weather dairyman. Country Gent. 122(8):26,46. Aug.1952. 6 C833
Management of a dairy farm in Georgia with particular reference to managed grazing.

84435 CANNING, D. Heifers and kids—a sound combination. Breeder-Stockman 14(3):11. Aug.1952. 49 V81
4-H and F.F.A. beef projects.

84436 CARHART, A. H. The brand book; system in brand registry originated in Colorado. Colo. Rancher & Farmer 6(14):24-25. July 26,1952. 6 C714
Cattle.

84437 CONNELLY, R. G. The development of dairying in Virginia. Holstein-Friesian Assoc. Amer. Annu. Conv. 67:39,41,43,45. 1952. 43.9 H74C

84438 CONSOLINI, A. Balance between meat and milk. (In Italian.) Agricoltura 1(6):15-18. June 1952. 16 Ag8226
Increasing meat production in Italian dairy regions.

84439 CROUSE, G. Oklahoma brand registration. Ranchman 12(2):44-45. June 1952. 49 R15

84440 DANSKE KONTROLFORENINGERS LANDSUDVALG. Survey of the statistical results of Danish milk recording societies, 1950—51. Roskilde,1951. 16 p. 44.9 D22
Compiled by T. Andersen.

84441 DHINGRA, S. L. Eleventh All-India Cattle Show. Indian Farming (n.s.)2(3):16-19. June 1952. 22 In233

84442 DOMINGUES, O. Bigger, healthier, more productive cows. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:189-190. May/June 1952. 9.2 R324
Care.

84443 DUCK, R. W. Summer slump in milk production. Rur. New-Yorker 102:491,497. Aug.2,1952. 6 R88

84444 FERRER PALAUS, J., and VALLE ARRIBAS, J. Comprobación de rendimiento lácteo durante los años 1946 a 1949; correlación entre el peso vivo y la productividad. Spain. Inst. de Biol. Apl. P. 9:141-167. Oct.1951. 442.9 Sp13

84445 FLAHERTY, R. W. The small herd's problems and its place in our agricultural scene in competition with the many beef-producing plants of the country. Amer. Hereford J. 43(8):160-161. Aug.15,1952. 43.8 Am32

84446 FLAMIGNI, A. Le gros betail au Mayumbe. Cour. Agr. 17(10):1,3. May 14,1952. 24 C83
Cattle.

84447 GARCIA CADENA, A. La vaca del campesino. Soc. Antioqueña de Agr. B. Agr. 383:3335-3337. Mar. 1952. 9.4 So1
Importance of the peasant having a cow in Colombia.

84448 HANSSON, A. Rearing dairy stock. I. Rearing dairy heifers. Jersey Cow (n.s.)36:26-32. Summer 1952. 43.9 En3J

84449 HAUSER, E. R., and LACEY, J. J. Beef cattle in Wisconsin. Wis. Agr. Col. Ext. C. 413,8 p. Feb.1952. 275.29 W75C

84450 HILL, O. J. Ten G's for dairying. Washcoegg 29(10):54-57. Mar.1952. 47.8 W27

84451 JOHANSSON, I. Cattle milk yield and their endurance. (In Swedish.) Ladugården 4:104-105. Apr. 1952. 44.8 L12

84452 JONAS. Die ergebnisse d. milchleistungsprüfungen i. jahre 1950 i. Deutschland u. England. Tierzüchter 4:336-337. July 5,1952. 49 T445

84453 KENDRICK, J. F. New uses of DHIA records. U. S. Bur. Dairy Indus. BDI-Inf-137,4 p. June 1952. 1.973 D4B34

84454 LINN, J. W. Kansas State Fair requires production. Hoard's Dairyman 97:698. Aug.25,1952. 44.8 H65
Cattle records.

84455 MACEWAN, G. Background to cattle in British Columbia. Canad. Cattlemen 15(6):10-11,38. June 1, 1952. 49 C16

84456 MACFARLANE, J. C. Our most valuable animal. Our Dumb Anim. 85(7):5. July 1952. 48.8 Ou7
The dairy cow and utilization of its milk.

84457 MUILWIJK, E. VAN. Netherlands cattle raising. V. (In Dutch.) Nieuwe Veldbode 18:657-658. June 26,1952. 12 V542N

84458 NEWELL, P. F., and GRISSOM, E. E. 4-H beef cattle manual. Miss. State Col. Ext. P. 170,14 p. Apr.1951. 275.29 M68Ext

84459 NILSSON, N. E. Big cows or small. (In Swedish.) Ladugården 6:172-174. June 1952. 44.8 L12
Yield and feed relationship.

84460 NILSSON, N. E. Livestock exposition in Flakenberg—a successful experiment. (In Swedish.) Lantmannen 36:571-572. July 19,1952. 11 L234
Chiefly on milk production of cows.

84461 NORDENBORG, M. In praise of the cow. (In Swedish.) Mjölkpropagandan 29:153-155. June/July 1952. 44.8 M692
Chiefly on care and feeding.

84462 NORTHWEST OKLAHOMA CATTLEMEN'S ASSOCIATION. Report of seventh annual meeting, May 8, 1952. Nowest. Okla. Cattleman 7(5):8-9,12. June 1952. 43.8 N812

84463 ÖQUIST, A. Reflections in a barn. (In Swedish.) Ladugården 4:120. Apr.1952. 44.8 L12
Care of cattle.

84464 ORCUTT, E. P. Western bull grading. Mont. Stockgrower 24(5):22-23. May 12,1952. 49 M76

84465 PELLERIN, H. Formation des troupeaux laitiers en Abitibi. Ferme 13(10):28,66. June 1952. 7 F38

84466 RAKOČEVIĆ, M. A contribution to the knowledge of dairy industry in Montenegro: dairy industry in Sinjajevina and the measures for its improvement. (In Serbo-Croatian.) Stočarstvo 6:120-129. Mar.1952. 43.8 St6

84467 REAVES, P. M. The Virginia Polytechnic Institute dairy herds. Holstein-Friesian Assoc. Amer. Annu. Conv. 67:10. 1952. 43.9 H74C

84468 REDSHAW, G.E. Care and management of dairy calves. Jamaica. Dept. Agr. Ext. C.47,13 p. Aug. 1951. 275.249 J22

84469 REISENBICHLER, K. Richtige kälberaufzucht. Bauer 5(23):9-11. June 28,1952. 19 B32

84470 ROGERS, H. T. Handsome is as handsome does. Oreg. Farmer 75:601. Aug.7,1952. 6 OR32
Performance testing of beef cattle.

84471 ROJAS PAZ, P. El campo argentino. Rev. Ganad. [Habana] 12(7):12-14;53-57. (Cont.) July 1952. 49 R321
Includes cattle.

84472 SCHABINGER, J. R., and POU, J. W. Managed milking. Md. Agr. Col. Ext. Fact Sheet 51:4 p. n.d. 275.29 M36Fa

84473 SCHNELLE, W. Richtiges melken. Hannoversche Land- u. Forstwirt. Ztg. 105:729. July 19,1952. 18 H194

84474 SCHOLZ. Milchkontrolle in Dänemark als mittel zur leistungssteigerung. Ubersicht 3(6):35-36. June 1952. 18 Ub3

84475 SCHOLZ, F. Interessante zahlen aus dem DRLB. für Niederungskühe. Tierzüchter 4:365-367. July 20,1952. 49 T445
Chiefly milk production.

84476 SHEEHY, E. J. The high-yielding cow. Agr. Ireland 9:151,153,155. July 1952. 10.5 Ag8

84477 SHELFORD, V. E. Does solar ultraviolet light influence milk production? Guernsey Breeder's J. [Peterborough] 85:1132-1133. Ref. Aug.15,1952. 43.8 G93

84478 SIMS, F. O. Selection, training and showing of dairy cattle. 4. At the show. Live Stock B. 45:43. Mar.1,1952. 23 F222

84479 SWEET, C. Ranching in the West. II-III. West. Horseman 17(7):10,33-37; (8):10,26-28. July-Aug.1952. 42.8 W522
Beef cattle.

84480 TREMBLAY, J. H. Beef cattle in France. Canad. Cattlemen 15(7):14. July 1,1952. 49 C16

84481 TURBET, C. R. Cattle production in tropical islands. Pacific Isl. Mon. 22(11):43,93,95-97. June 1952. 110 P11

84482 USHAKOV, V. A. Increasing the milk fat content in cows at Stalin Collective Farm [in Kholmogorskii District, Archangel Region]. (In Russian.) Sotsialist. Zhivotnovod. 14(2):72-75. Feb.1952. 49 So71

84483 WAGNER, H. Betrachtungen an kühen des Deutschen rinderleistungsbuches über beziehungen zwischen alter beim ersten kalben und leistung. Tierzucht 5:264-266. Sept.1951. 49 T443

84484 WEBER, A. D. Consumers may want boneless and fatless animal but producer has to raise a more profitable type. Farmer-Stockman 55(8):10,32-33. Aug.1952. 6 OK45
Beef cattle.

84485 WESTGAARD, P. Experiments on different machine milking methods. (In Norwegian.) Forsk. og Forsøk i Landbr. 2:383-427. Ref. 1951. 11 F772
English summary.

84486 WINSETT, M. Prairie trademarks. Cattleman 39(3):112. Aug.1952. 49 C29
Texas cattle brands.

84487 WISCONSIN. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Dairying as a 4-H project. Wis. Agr. Col. Ext. C. 4-H 59, 39 p. Jan.1952. 275.29 W75Cf

84488 ZATTA, P. L. Seasonal alterations in milk. (In Italian.) Latte 26:281-282. June 1952. 44.8 L35

84489 ZIMMER, F. Melkt nur mit der vollen faust! Bauern-Ztg. 5(25):6,12. June 20,1952. 18 B324

84490 ZIMMERMANN. Betrachtungen zum leistungsabschluss 1951. Bad. Landwirt. Wchnbl. 119:431-432. June 21,1952. 18 B142
Milk records.

84491 ZORN. Konstitutionstypen in der landwirtschaftlichen tierzucht. Landbforsch. Völkenrode 2:64-66. July 1952. 18 L2353
Cattle.

DOGS AND CATS

Breeds and Breeding

84492 CASTLE, C. Greyhound blood lines; despite much cross-breeding to improve the breeds' weak points in the past, it is probably the purest to-day. Field 200: 148. July 26,1952. 10 F45

84493 HEATH, V. The dogs from Down-Under. Anim. Friends 59:150-151. Summer 1952. 410 An5
Dingo dog in Australia.

84494 HEDRICK, MRS. W. K. A study in white. All-Pets Mag. 23(6):69,72-73. June 1952. 48.8 AL5
Cat breeding.

84495 HORSWELL, L. A. Recent pure-breed trends. Amer. Kennel Gaz. 69(8):10-14. Aug.1952. 48.8 Am3

84496 PICKHARDT, E. L. The Collie—lasting family favorite. Family Circle 41(3):28-29,46-48. Sept.1952. 321.8 F21

84497 SODERBERG, P. M. The Red-point Siamese. All-Pets Mag. 23(6):62-63,66. June 1952. 48.8 AL5

84498 TOWNSEND, F. M. Breeding successful Setters. Amer. Field 157:716. June 28,1952. 410 Am3

84499 WALSH, J. F. Defending dams and their "figures;" columnist's crack of dams producing just one good one debunked. Amer. Field 158:29-31. July 12. 1952. 410 Am3

Veterinary Medicine

84500 BAGEDDA, G., and COLOMBO, G. Caudal epidural rachianesthesia, selective method, for surgical interventions on genital apparatus of the cat. (In Italian.) Zootec. e Vet. 7:144-150. Apr./May 1952. 41.8 Z7
English summary.

84501 BELLI, G. Statistical data on canine distemper. (In Italian.) Pisa. U. Facoltá di Med. Vet. Ann. 4: 77-88. 1951. 41.9 P67
English summary.
Italy.

84502 BURSTONE, M. S., BOND, E., and LITT, R. Familial gingival hypertrophy in the dog (Boxer breed). A. M. A. Arch. Path. 54:208-212. Aug.1952. 448.8 Ar26

84503 CHOQUETTE, L. P. E., GAYOT, G., and POUL, J. Note sur les helminthes trouvés chez le chien à Alger. Inst. Pasteur d'Algérie. Arch. 30:47-50. Ref. Mar.1952. 448.3 In7A

84504 CHOQUETTE, L. P. E., and GAYOT, G. Tenuiproboscis sergenti nov. sp. (Acanthocéphale) trouvé chez le chien à Alger. Inst. Pasteur d'Algérie. Arch. 30:51-54. Mar.1952. 448.3 In7A

84505 COOK, E. L. Prolapse of the rectum in a dog. Iowa State Col. Vet. 14:172. 1952. 41.8 V6425

84506 COOPER, C. M. Ways to diagnose and manage summer dermatitis in dogs. Jen-Sal J., Aug.1952:24-25. 41.8 J45

84507 COTTON, C. E. Warfarin poisoning. Iowa State Col. Vet. 14:170. 1952. 41.8 V6425
In a dog.

84508 ELIASIEWICZ, R. Morphology of proliferative nodules in the spleen of dogs. (In Polish.) Polskie Arch. Weter. 1:189-211. Ref. 1951. 41.8 P76
English summary.

84509 FOLSE, D. S., and BAILEY, W. S. The effect of phenothiazine on the egg production and larval development of the dog hookworm and large roundworm. (Abs.) J. Parasitol. 38(4,sect.2):31. Aug.1952. 448.8 J824

84510 FREAN, J. R. Diaphragmatic hernia in a Fox Terrier bitch. So. African Vet. Med. Assoc. J. 23:49-50. Mar.1952. 41.8 So8

84511 FREEMAN, E. M. Fracture of the humerus. Iowa State Col. Vet. 14:169. 1952. 41.8 V6425
In a dog.

84512 FRIDERICI, K. S. Canine dermatitis. Allied Vet. 23(4):7-9. July/Aug.1952. 41.8 AL5

84513 GALTON, M. M., and others. Salmonellosis in dogs. I-IV. J. Infect. Dis. 91:1-18. July/Aug.1952. 448.8 J821
I, Bacteriological, epidemiological and clinical considerations, by M. M. Galton, J. E. Scatterday, and A. V. Hardy; II, Prevalence and distribution in Greyhounds in Florida, by C. L. Stucker, M. M. Galton, J. Cowdery, and A. V. Hardy; III, Prevalence in dogs in veterinary hospitals, pounds and boarding kennels, by H. B. McElrath, Jr., M. M. Galton, and A. V. Hardy; IV, Prevalence in normal dogs and their contacts, by D. C. Mackel, M. M. Galton, H. Gray, and A. V. Hardy.

84514 GRANA, A. DA, and MORZORATTI, M. T. P. DE. Tratamiento de lesiones eczematosas crónicas del perro por autohemoterapia, por vía intradérmica, a pequeñas dosis. Buenos Airs. U. Facul. de Agron. y Vet. Rev. 13:5-13. Dec.1951. 9 B863
English summary.

84515 HENDERSON, W. Post-operative hernia in the dog; the problem of suturing. Vet. Rec. 64:441-442. July 26,1952. 41.8 V641

84516 HERMANN, H., JOURDAN, F., and VIAL, J. Observation expérimentale d'un chien demeuré treize ans hypertendu à la suite de la résection de ses nerfs barosensibles aortiques et sino-carotidiens. Acad. Natl. de Méd. B. 136:272-277. May 6/13,1952. 448.9 P21

84517 HOFMEYR, C. F. B. Pyloric spasm in a dog So. African Vet. Med. Assoc. J. 23:47-49. Mar.1952. 41.8 So8

84518 KOPROWSKI, H., and BLACK, J. Studies on chick embryo adapted rabies virus. III. Duration of immunity in vaccinated dogs. Soc. Expt. Biol. & Med. Proc. 80:410-415. Ref. July 1952. 442.9 So1

84519 KORKHAUS, R. Uber indikationen von penicillin-sulfonamid-präparaten in der kleintierpraxis, insbesondere zur lokalen applikation bei chirurgischen, dermatologischen, otologischen und ophthalmologischen erkrankungen der hunde. Deut. Tierarztl. Wchnschr. 59: 17-21. Ref. Jan.15,1952. 41.8 D482

84520 KROB, J. F. Distemperoid vaccination reaction in a dog. Iowa State Col. Vet. 14:172-173. 1952. 41.8 V6425

84521 LANGFORD, E. V. Observations on a Leptospira sp. from the blood and urine of a dog in southern Alberta. Canad. J. Compar. Med. 16:254-256. July 1952. 41.8 C162

84522 LANNEK, N. A clinical and experimental study on the electrocardiogram in dogs. (Sum.) Internatl. Vet. Cong. Rpt. 14(3):298-305. 1949,pub.1952. 41.9 In844

84523 LATIMER, H. B. The prenatal growth of the dog spleen. Growth 16:47-54. Ref. Mar.1952. 442.8 G91

84524 MCCLELLAND, R. B. X-ray therapy in small animals. Cornell Vet. 42:312-315. July 1952. 41.8 C81
Dogs.

84525 MAJORI, L. Latest investigations on the receptivity of some animal species to an isolated virus in a case of canine leukemia. (In Italian.) Soc. Ital. di Biol. Sper. B. 28:242-244. Feb.1952. 442.8 So12

84526 MANN, P. H., and FRATTA, I. Transplantation of adult heartworms, Dirofilaria immitis, in dogs. J. Parasitol. 38:367-368. Aug.1952. 448.8 J824

84527 MANN, P. H., and FRATTA, I. Two cases of accessory gall bladder in the cat, Felis domesticus. Cornell Vet. 42:352-354. July 1952. 41.8 C81

84528 MARCUM, J. Frontal sinusitis in a dog. Iowa State Col. Vet. 14:171. 1952. 41.8 V6425

84529 MARIOTTI, P. On aureomycin therapy of canine distemper. (In Italian.) Pisa. U. Facoltá di Med. Vet. Ann. 4:69-76. 1951. 41.9 P67
English summary.

84530 MARTIN, H. M. Anthelmintic studies with 6-tertiary-butyl-m-cresol in dogs. Helminthol. Soc. Wash. Proc. 19:81-85. July 1952. 436.9 H36

84531 MILLAR, R. A case of diabetes mellitus in the bitch. Austral. Vet. J. 28:163. June 1952. 41.8 Au72

84532 MOSS, L. C. Terramycin ophthalmic preparations in small animal practice. Amer. Vet. Med. Assoc. J. 121:89-91. Aug.1952. 41.8 Am3
Dogs and cats.

84533 MOUTTE, P. La fatigue des chiens. Réveil Agr. 61:234-235. Aug.1,1952. 14 R322
Hunting dogs.

84534 NAZAROV, V. P. Rabies in dogs. (In regard to prophylactic measures). (In Russian.) Veterinariia 29 (5):33-36. May 1952. 41.8 V6426

84535 NIELSEN, S. W. Extraskeletal giant cell tumor in a cat. Cornell Vet. 42:304-311. Ref. July 1952. 41.8 C81

84536 NIELSEN, S. W., and SCHNELLE, G. B. Primary adamantinoma in the humerus of a dog. Amer. Vet. Med. Assoc. J. 121:84-88. Ref. Aug.1952. 41.8 Am3

84537 POLESZCZUK, K. Tumour-like changes in the pararenales of dogs as seen macro-and microscopically. (In Polish.) Polskie Arch. Weter. 1:167-188. Ref. 1951. 41.8 P76
English summary.

84538 RICKETTS, V. L. What to do for a poisoned dog. All-Pets Mag. 23(7):52-56. July 1952. 48.8 AL5

84539 RIPPS, J. H., and BARNETT, L. A. Surgical intervention for an unusual intestinal intussusception. Amer. Vet. Med. Assoc. J. 121:96. Aug.1952. 41.8 Am3
In a dog.

84540 ROMAGNOLI, A. Actinomycosis in dog and cat. (In Italian.) Pisa. U. Facoltá di Med. Vet. Ann. 4: 33-47. Ref. 1951. 41.9 P67
English summary.

84541 RONCATI, G. Modern opinions on the R.I.S. with an illustration of the first case of reticulo-sarcoma on the tongue of a dog. (In Italian.) Pisa. U. Facoltá di Med. Vet. Ann. 4:204-222. Ref. 1951. 41.9 P67
English summary.

84542 RUSSO, E., and SOUZA, C. C. DE. Studies on biochemistry of blood in normal dogs. (In Portuguese.) Rev. Mil. de Remonta e Vet. 11:219-223. Oct/Dec.1951. 41.8 R321
English summary.

84543 SALUTINI, E. Catheterism of the right ventricle of the heart in the dog. (In Italian.) Pisa. U. Facoltá di Med. Vet. Ann. 4:63-68. Ref. 1951. 41.9 P67
English summary.

84544 SALUTINI, E. Respiratory arrhythmia and negative chronotropic action of vagus in the dog. (In Italian.) Pisa. U. Facoltá di Med. Vet. Ann. 4:48-62. Ref. 1951. 41.9 P67
English summary.

84545 SCHWANNER, E. Preventive vaccination of dogs as a method of eradication of rabies. Internatl. Vet. Cong. Rpt. 14(2):453-456. 1949,pub.1952. 41.9 In844

84546 SETO, K. On hemorrhagic septicemic bacteria isolated from cats. (In Japanese.) Japan Vet. Med. Assoc. J. 4:292-294. Sept.1951. 41.9 J275

84547 SMITH, H. W. Bacterial and virus infections transmissible from the cat to man. Vet. Rec. 64:431. Ref. July 19,1952. 41.8 V641

84548 SOUZA, C. C. DE. Veterinary notes. II. Ascites: diagnosis and treatment. (In Portuguese.) Rev. Mil. de Remonta e Vet. 11:225-228. Oct./Dec.1951. 41.8 R3219
English summary.
In dog.

84549 STEPANISHCHEVA, Z. G. Clinic and course of microsporia in cats. (In Russian.) Veterinariia 29(5): 40-42. May 1952. 41.8 V6426
Microsporum lanosum s. felineum.

84550 STUART, R. D. Leptospirosis in dogs and other animals. Canad. J. Compar. Med. 16:257-259. July 1952. 41.8 C162

84551 SUMNER, K. C. The diseases of small animals communicable to man. Brit. Vet. J. 108:246-256. Ref. July 1952. 41.8 V643
Diseases of dogs and cats.

84552 TRENTIN, J. J., DEVITA, J., and GARDNER, W. U. Effect of moderate doses of estrogen and progesterone on mammary growth and hair growth in dogs. Anat. Rec. 113:163-177. Ref. June 1952. 447.8 An1

84553 VAUGHAN, A. W. A report on canine filariasis. Vet. Rec. 64:454-455. Aug.2,1952. 41.8 V641

84554 VICTOR, J., and others. The bactericidal action of dog blood against Brucella suis. J. Infect. Dis. 91:19-25. Ref. July/Aug.1952. 448.8 J821
E. B. Wells, J. Clements, and A. D. Pollack, joint authors.

84555 VICTOR, J., and others. Studies on Phagocytosis. Determination of blood opsonin from Brucella [suis]. J. Bact. 64:121-130. Ref. July 1952. 448.3 J82
A. D. Pollack, R. Raymond, and J. R. Valliant, joint authors.
In dog blood.

84556 VITUMS, A. Hyperphalangism of an extremely well-developed first digit accompanied by an extra dewclaw in the hindpaws of a dog. Amer.Vet. Med. Assoc. J. 121:93-95. Aug.1952. 41.8 Am3

84557 WEISSFLOG, H. Untersuchungen über das vorkommen von leptospirose bei katzen im gebiet der Hansestadt Hamburg. Berlin. u. Münch. Tierärztl. Wchnschr. 65:124-126. July 1952. 41.8 B45

84558 WIPF, L., and others. Pathological aspects of canine brucellosis following oral exposure. Amer. J. Vet. Res. 13:366-372. July 1952. 41.8 Am3A
E. V. Morse, S. H. McNutt, and H. R. Glattli, joint authors.

84559 ZUBKO, V. N., and BARANOV, N. N. Prophylactic vaccination of dogs against rabies. (In Russian.) Veterinariia 29(5):36-38. May 1952. 41.8 V6426

Miscellaneous

84560 ALVES, S. G. War dogs. (In Portuguese.) Rev. Mil. de Remonta e Vet. 11:189-207. Oct./Dec.1951. 41.8 R3219
English summary.

84561 BRIQUET JUNIOR, R. Hunting dogs must be trained. (In Portuguese.) Seleç. Agr. 7(72):15-16. Apr. 1952. 9.2 Se4

84562 GRAY, A. W. When courts have befriended dogs. All-Pets Mag. 23(6):56,60. June 1952. 48.8 AL5

84563 HAHN, A. Some constructive ideas on securing competent judges. All-Pets Mag. 23(7):57-58,60. July 1952. 48.8 AL5
Cats.

84564 MILAN, P. Wyoming hunting dogs. Wyo. Wild Life 16(5):4-9,36-37. May 1952. 412.9 W993

84565 VAN VALEN, E. H. Obedience explodes an old wives' tale; cross-bred dogs fail to compare with pure-bred in real tests of intelligence. Amer. Kennel Gaz. 69 (8):21,95. Aug.1952. 48.8 Am3

FUR ANIMALS - PEN RAISED

Breeds and Breeding

84566 FØLEIDE, L. Shorthaired Blue fox. (In Norwegian.) Norsk Pelsdyrbl. 26:283-284. July 5,1952. 412.628 N812

84567 JOHANSSON, I. Effect of heredity on the quality of mink fur. (In Swedish.) Våra Pälsdjur 23:150-152. June 15,1952. 410 V42

84568 PRENTICE, A. Chinchilla breeders can profit from the fox and mink industries. Fur Trade J. Canada 29(10):12-13,25-27. June 1952. 410 F965

84569 SHACKELFORD, R. M. Alleles in the breeding picture. Honker 1952:85-87. 412.628 H75
Minks.

84570 SKARMAN, S. On the amount of silver in the fur of Silver fox kits. (In Swedish.) Vara Pälsdjur 23: 175-180. June 15,1952. 410 V42

84571 WALTER, H. H. Zur technik der sumpfbiberverpaarung. Österr. Kleintierzüchter 13/14:110. (Concl.) July 1952. 49 Os7

Feeds and Feeding

84572 CLINK, H. This business of feeding mink. Natl. Fur News 24(7):16,22-23. Aug.1952. 412.628 R59

84573 LANDON, H. I. Processing poultry by-products. Amer. Fur Breeder 25(8):11,32. Aug.1952. 410 Am33
For mink feeding.

84574 LUTHER, H. G. Terramycin and vitamin B_{12} in the ration of the mink. Fur Trade J. Canada 29(11):10-11,24-25. Ref. July 1952. 410 F965

84575 TARR, H. L. A. Antibiotics in mink feed. Natl. Fur News 24(7):12-13,28. Aug.1952. 412.628 R59

84576 WATT, P. R. Mink rations without horsemeat tested with good results. Black Fox Mag. & Mod. Mink Breeder 36(3):9-11,22-23. July 1952. 410 B56
Fish and supplements.

84577 WORDEN, A. N. A study of nutrition in mink. (Sum.) Brit. Fur Trade 34:275-277. (Cont.) July 1952. 412.628 B77

Veterinary Medicine

84578 CHIRKOVA, A. F. Rabies in foxes. (In Russian.) Veterinariia 29(5):39-40. May 1952. 41.8 V6426

84579 FERRARA, B. Hematological study on nutria (Myopotamus coypus) in relation to sex, in two varieties. II. (In Italian.) Zootec. e Vet. 7:137-140. Apr./May 1952. 41.8 Z7
English summary.

84580 HOLMBOE, F. V. Mortality of fur animals due to different kinds of fishes. (In Norwegian.) Norsk Pelsdyrbl. 26:287-289. July 5,1952. 412.628 N812

84581 KULL, K. E. On botulism in mink. (In Swedish.) Vara Pälsdjur 23:172-175. June 15,1952. 410 V42

84582 MOMBERG-JØRGENSEN, H. C. Klebsiellosis in mink and silver fox. (In Danish.) Nord. Vetmed. 4: 690-702. Ref. July 1952. 41.8 N813
English summary.

84583 MOMBERG-JORGENSEN, H. C. Salmonella infections in fur-bearing animals in Denmark. Internatl. Vet. Cong. Rpt. 14(2):257-261. 1949,pub.1952. 41.9 In844

Miscellaneous

84584 INTERNATIONAL MINK SHOW. The Honker; blue book of the mink industry, 1952. Milwaukee,1951. 146 p. 412.628 H75
Fur Foods Co-op, Inc. cooperating.

84585 MORKEN, C. The chinchilla industry. Amer. Fur Breeder 25(8):12-13,27. Aug.1952. 410 Am33

84586 SCHMIDT, F. Environment and quality of mink fur. (In Swedish.) Vara Pälsdjur 23:152-156. June 15,1952. 410 V42

84587 TAYLOR, W. G. Breeder praises work of Mutation Mink Breeders Association. Black Fox Mag. & Mod. Mink Breeder 36(3):12,24. July 1952. 410 B56

84588 WOOD, S. N. Sanitation of fur farms. Fur Trade J. Canada 29(10):14-15,21; (11):12-13. (Cont.) June-July 1952. 410 F965

HORSES AND MULES

Breeds and Breeding

84589 BALDAUF, E. Gamin du Onze, einer der grössten vererber der Rhein. kaltblutzucht. Tierzüchter 4:331-332. July 5,1952. 49 T445

84590 BELONOSOV, N. I. Experiments in utilizing stallions of the Vladimirskaia breed in interspecific crossings. (In Russian.) Konevodstvo 21(12):8-15. Dec. 1951. 42.8 K832

84591 BLOOMHILL, G. How to breed and train your own mounts. Good Husb. 2(9):16-17,19. (Cont.) May 1952. 24 G59

84592 BORODIN, A. S. Testing horses of the Brabançon breed at the IAroslav State Pedigree Station. (In Russian.) Konevodstvo 22(2):38-41. Feb.1952. 42.8 K832

84593 BUCHLI, A. The Quarter Horse business. Horse Lovers' Mag. 17:49,60. June/July 1952. 42.8 H7852

84594 BUIKO-ROGALEVICH, A. N. Artificial insemination and pedigree work in horse breeding. (In Russian.) Konevodstvo 22(2):21-29. Feb.1952. 42.8 K832

84595 BURCH, P. M. Training Thoroughbred horses: breaking yearlings, I-II. Blood-horse 64:400-402,482-485,488. Aug.9,23,1952. 42.8 T392

84596 BURKHARD, N. B. Morgans -- their history. Morgan Horse Mag. 12(6):10-11,29; (7):10-11,26,27. Ref. July-Aug.1952. 42.8 M82

84597 DU PREEZ, P. Judging the racehorse. So. African Saddle Horse 3(3):8-9. Apr.1952. 42.8 So8

84598 HOHNBAUM, E. Bericht über die junghengstkörung Thüringens und für die deckperiode 1952 in volkseigenen gestüten neueingestellte hengste. Tierzucht 6: 176-179. May 1952. 49 T443

84599 HUTH, R. Pferdenachzuchtbewertungen in Brandenburg und Mecklenburg. Tierzucht 5:283-287. Sept.1951. 49 T443

84600 HUTH, R. Wohin geht die pferdezucht? Tierzucht 6:91-92. Mar.1952. 49 T443

84601 IAKOVLEV, A. A. New breed of horses--Latviiskaia Upriazhnaia. (In Russian.) Konevodstvo 22 (4):1-14. Apr.1952. 42.8 K832

84602 IGNAT'EVA, M. B., and GOTLIB, E. E. Development of Thoroughbred young saddle horses up to one and a half years of age. (In Russian.) Konevodstvo 22(4): 15-23. Apr.1952. 42.8 K832
Weight and measurements.

84603 ISUPOV, A. P. Fundamental principles in pedigree work with the [Orlov] trotter breed. (In Russian.) Konevodstvo 22(3):1-14. Mar.1952. 42.8 K832

84604 IVANOV, M. S. Results of complex testing of horses of the Valdimirskaia breed. (In Russian.) Konevodstvo 22(4):33-40. Apr.1952. 42.8 K832

84605 JACKSON, J. G. For your information. Thoroughbred Calif. 15:24,81. July 1952. 42.8 T393
Naming of Thoroughbreds.

84606 JORDÃO, L. P., CAMARGO, M. X. DE., and GOUVEIA, P. F. Efficiency of reproduction in asses of Brazilian breed at the São Paulo Stud-Farm. (In Portuguese.) B. de Indús Anim. (n.s.) 12:83-93. Ref. Dec. 1951,pub.1952. 49 R324
English summary.

84607 JORDÃO, L. P., and GOUVEIA, P. F. Study on the height at withers measured in horses registered in the Association of Breeders of Mangalarga Horses. (In Portuguese.) B. de Indús. Anim. (n.s.)12:63-81. Dec. 1951,pub.1952. 49 R324
English summary.

84608 KEAN, S. Morgans of the Americans. Morgan Horse Mag. 12(5):10-11. June 1952. 42.8 M82

84609 KOLBE, W. Betrachtungen über die sächsische warmblutzucht und deren blutaufbau. Tierzucht 6:87-91. Mar.1952. 49 T443

84610 LANTUKH, G. D., and MARUSIK, R. V. In regard to the development of horse herds on collective farms in Kulikov District, Chernigov Region. (In Russian.) Konevodstvo 22(1):40-43. Jan.1952. 42.8 K832

84611 LAWRENCE, A. Steer roping horses: what they do--and how they are trained. Horse Lovers' Mag. 17:22-23,62. June/July 1952. 42.8 H7852
Western Stock Horse.

84612 MANN, G. Der traber in der landespferdezucht. Tierzüchter 4:351-353. July 20,1952. 49 T445

84613 MANOILENKO, A. P. Achievements of horse-breeders in Kirovograd Region. (In Russian.) Konevodstvo 22(1):37-39. Jan.1952. 42.8 K832

84614 MISHIN, G. M., and DRAGALEV, P. I. Early spring intermittent formation of droves (new method in the practices of drove horse breeding). (In Russian.) Konevodstvo 21(12):22-25. Dec.1951. 42.8 K832

84615 MOLNAR, I. A. Second year of work of the station for artificial insemination of horses. (In Russian.) Konevodstvo 22(2):29-30. Feb.1952. 42.8 K832

84616 NAIDENOV, P. IA. Drove method of raising the young [Kustanaiskaia breed] at Maikul'skii stud farm. (In Russian.) Konevodstvo 21(12):15-21. Dec.1951. 42.8 K832

84617 NEUSCHULZ, H. Die kaltblutzucht Sachsen-Anhalts und ihre bedeutendsten blutlinien. Tierzucht 6: 19-23,50-55. (Cont.) Jan.-Feb.1952. 49 T443

84618 NORTON, D. M. Palominos in Canada. West. Horseman 17(9):19,42-44. Sept.1952. 42.8 W522

84619 OTIS, O. California breeding--an appraisal. Thoroughbred Calif. 15:16-17,78,80. July 1952. 42.8 T393

84620 PARSHUTIN, G. V. Analysis of the leading practices of technicians in artificial insemination [of horses]. (In Russian.) Konevodstvo 22(2):13-20. Feb. 1952. 42.8 K832

84621 PERKINS, G. O. Improvement of Palomino horses. 2. Horse Lovers' Mag. 17:10-11. June/July 1952. 42.8 H7852

84622 PRINZING, H. Vollblutzucht und rennwesen in der DDR. Tierzucht 6:163-166,199-203. May-June 1952. 49 T443

84623 PULTE. Typnotenvergebung in der rhein. kaltblutzucht. Landwirt. Z. der Nord-Rheinprov. 119: 792-793. July 26,1952. 18 L2344

84624 RAKHIMOV, S. Achievements of the distinguished horse-keeper, Naĭzabek Sarkulov, in raising stallions of Adaev type under conditions of raising horses in droves. (In Russian.) Konevodstvo 22(4):24. Apr. 1952. 42.8 K832

84625 SALCES, F. Importance of hereditary factors in breeding of Argentine military horses. Internatl. Vet. Cong. Rpt. 14(3):193-196. 1949,pub.1952. 41.9 In844

84626 SARRIA G., M. El caballo de trabajo y su mejoramiento racial. Vida Agr. [Lima] 29:335-337. Apr.1952. 9.8 V66

84627 SHCHETNEV, M. I. Some problems in the work of the State stables. (In Russian.) Konevodstvo 22 (2):36-37. Feb.1952. 42.8 K832
Services to collective farms in breeding and raising horses.

84628 SKATKIN, P. N. Improvement of methods of obtaining semen from stallions. (In Russian.) Konevodstvo 22(4):25-30. Apr.1952. 42.8 K832

84629 SKATKIN, P. N. More extensive introduction of the leading breeding methods into the practice of horse breeding. (In Russian.) Konevodstvo 21(12):1-7. Dec.1951. 42.8 K832

84630 SOUZA, R. S. DE. Contribution to the study of British Post horses in Brazil. (In Portuguese.) Rev. Mil. de Remonta e Vet. 11:209-216. Ref. Oct/Dec.1951. 41.8 R3219
English summary.
Gestation period.

84631 SPEED, J. G. Roots of the Thoroughbred. Thoroughbred Calif. 15:30,68-70. July 1952. 42.8 T393

84632 STEELE, D. G. Progressive horse breeding. Amer. Horseman-Sportologue 1(2):8-9. Aug.1952. 42.8 Am39

84633 TERACHE, P. Pour que les détracteurs du cheval de trait belge n'aient pas raison. Sillon Belge 22 (516):1-2. (Cont.) July 5,1952. 13 Si3

84634 TERRES, D. P. History of the native herd of the "Eliseu Maciel" School of Agronomy—Pelotas. (In Portuguese.) Granja [Porto Alegre] 8(60/61):75-77. Mar./Apr.1952. 9.2 G76
Horses.

84635 WOLF. Um das schicksal der bayerischen pferdezucht. Allgäuer Bauernbl. 20:346-347. July 3, 1952. 18 AL53

84636 WUSSOW. Mecklenburgischer hengstmarkt 1951 in Güstrow. Tierzucht 6:35-36. Jan.1952. 49 T443

84637 ZANE, I. What is this PHBA controversy? Horse World 10(5):42. (Sum.) June 1952. 42.8 Io9
Palomino.

84638 ZINCHENKO, A. V., and ZOTSENKO, N. V. Some results of the work of stations for artificial insemination of horses of the Poltava State stable. (In Russian.) Konevodstvo 22(4):31-32. Apr.1952. 42.8 K832

Feeds and Feeding

84639 BOWER, A. Feed supplements and race horses. Blood-Horse 64:340-341. Aug.2,1952. 42.8 T392

84640 CHALĬUK, E. A. Utilization of nitrogenous substances of hay and oat rations by horses during work. (In Russian.) Konevodstvo 22(1):27-31. Jan.1952. 42.8 K832

84641 CHIEFFI, A. Type of vegetation for pastures for colts. (In Portuguese.) Lavoura 56:39. May/June 1952. 9.2 L39

84642 FULLAGAR, H. R. Do you creep feed your colts? West. Livestock J. 30(37):129,131-132. June 15, 1952. 6 F2278

84643 MELIŬKOV, A. N. Feeding malt grains to horses. (In Russian.) Konevodstvo 22(1):31-33. Jan. 1952. 42.8 K832

84644 SOKOLOV, A. V., MAGIDOV, G. A., and OZERSKII, P. S. On the suitability of North-Caucasian travertines as a mineral feed for horses. (In Russian.) Konevodstvo 22(1):33-36. Jan.1952. 42.8 K832

84645 WISSEMANN. Das pferd unter der "norm." Junges Landvolk 2:25-27. Jan./Feb.1952. 18 J952
Horse feed.

Veterinary Medicine

84646 ÅKERBLOM, E. Rickets in horses, a clinical study. Internatl. Vet. Cong. Rpt. 14(3):75-80. 1949,pub. 1952. 41.9 In844
Includes discussion.

84647 BELL, A. T., and HALL, W. T. K. Birdsville disease of horses; feeding trials with Indigofera enneaphylla. Austral. Vet. J. 28:141-144. June 1952. 41.8 Au72

84648 BELONJE, C. W. A. Some diseases associated with breeding of horses. So. African Vet. Med. Assoc. J. 23:27-42. (Concl.) Ref. Mar.1952. 41.8 So8

84649 BERNDT. Ein beitrag zu dem aufsatz "Meerwasser als Therapeutikum bei Pferden." Monatsh. f. Vetmed. 7:235-236. June 15,1952. 41.8 M742

84650 BOHM, L. K. Die erreger der mondblindheit der pferde: mikrofilarien von Onchocerca reticulata Diesing 1841.(Sum.) Wien. Tierärztl. Monatsschr. 39:422-425. July 1952. 41.8 T345

84651 BOSNIĆ, L., and RAPIĆ, S. Beitrag zur kenntnis der brustseuche der pferde. (In Serbo-Croatian.) Vet. Arh. 21:473-496. Ref. 1951,pub.Jan.1952. 41.8 V6416
German summary.

84652 BROOKS, R. V., and others. Steroids of pregnant mares' urine. 4. Biochem. J. 51:694-707. Ref. Aug.1952. 382 B52
W. Klyne, E. Miller, and J. Y. F. Paterson, joint authors.

84653 BUITRAGO GARCIA, E. Adenitis equina. Guatemala. Dir. Gen. de Ganad. B.4,31 p. Ref. 1951. 49.9 G93B
English summary.

84654 BURGISSER, H. Contribution au diagnostic de l'anémie infectieuse des solipédes par la recherche des sidérocytes dans le sang. Schweiz. Arch. f. Tierheilk. 94:461-463. July 1952. 41.8 Sch9
English summary.

84655 CHUBAR', V. K. In regard to surgical treatment of caecum obstructions [coprostasis] in the horse. (In Russian.) Veterinariía 29(5):46-49. May 1952. 41.8 V6426

84656 DIETER. Der sog. einschuss des pferdes, eine milieu-bedingte stoffwechselstörung. Berlin. u. Münch. Tierärztl. Wchnschr. 65:126-127. July 1952. 41.8 B45

84657 DIRKS, S. F. False cryptorchid castration of a stallion. Iowa State Col. Vet. 14:170-171. 1952. 41.8 V6425

84658 DUNN, W. H. A horse is as good as his tendons; a discussion of the causes of some leg injuries. Blood-Horse 64:264,268,270. July 26,1952. 42.8 T392

84659 DYBING, O. The vesicula seminalis test and the diagnosis of pregnancy in mares. Internatl. Vet. Cong. Rpt. 14(3):149-150. 1949,pub.1952. 41.9 In844

84660 EARLE, I. P., and CABELL, C. A. Blood chemistry of Equidae—some variations in inorganic phosphorus, alkaline phosphatase activity, calcium, and magnesium in blood serum of horses. Amer. J. Vet. Res. 13: 330-337. Ref. July 1952. 41.8 Am3A

84661 ÉKONOMOV, V. I., and MIKHAĬLOV, N. N. On determining estrus in mares. (In Russian.) Konevodstvo 22(3):34-35. Mar.1952. 42.8 K832

84662 EYQUEM, A., and PODLIACHOUK, L. Les groupes sanguins des Equidés. I. Inst. Pasteur Ann. 83: 57-61. July 1952. 448.8 An75

84663 FORENBACHER, S. Equisetum poisoning of horses and vitamin B complex. II. Biochemical investigations on the role of vitamin B_1 in the pathogenesis of poisoning. (In Serbo-Croatian.) Vet. Arh. 21:497-547. Ref. 1951,pub.Jan.1952. 41.8 V6416
English summary.

84664 GALLI, A. Clinical trip on a winter morning among riding horses—training, doping, roaring. (In Italian.) Riv. di Zootec. 25:156-162. May 1952. 49 R52

84665 GALLINA, L. Dystocia with forced parturition in irregular posture. (In Italian.) Prog. Vet. 7:428. June 15,1952. 41.8 P942
Case of a mare.

84666 GALLINA, L. Dystocia with rectal prolapse. (In Italian.) Prog. Vet. 7:464,466. July 1,1952. 41.8 P942
Case of a mare.

84667 GAMBLE, R. E. An unusual case of alveolar periostitis in a horse. Iowa State Col. Vet. 14:147-150. 1952. 41.8 V6425

84668 GARLICK, N. L. An unusual case of monorchidism in a stallion. Amer. Vet. Med. Assoc. J. 121: 101-103. Aug.1952. 41.8 Am3

84669 GOOR, S. Infectious diseases of equines in Palestine (1921-1948). 2. The 1944 epizootic of African horse-sickness. (In Hebrew.) Refuah Vet. 9:8-13. Jan. 1952. 41.8 R25
English summary, p. 38-36.

84670 GROENEWALD, J. W. Bone disease in equines. Internatl. Vet. Cong. Rpt. 14(3):34-37. Ref. 1949,pub.1952. 41.9 In844

84671 HACKER, W. Die sprunggelenkkrankheiten des pferdes. Tierzucht 5:389-391. Dec.1951. 49 T443

84672 HEUSSER, H. Uber die blutausrüstung des pferdes und ihre praktische bedeutung. Schweiz. Arch. f. Tierheilk. 94:463-475. July 1952. 41.8 Sch9
English summary.

84673 HUNT, S., and WALSH, R. J. Haemolytic disease of newborn foals, with report of a case. Austral. Vet. J. 28:159-163. Ref. June 1952. 41.8 Au72

84674 JURNY, F. An inhaler for horses. Internatl. Vet. Cong. Rpt. 14(3):269-272. 1949,pub.1952. 41.9 In844
Anesthesia.

84675 KOGAN, A. IA. Effect of work of pedigreed draft mares on development of foals. (In Russian.) Konevodstvo 22(3):15-23. Mar.1952. 42.8 K832

84676 KRAUSS, S. Enzootie de l'anémie infectieuse des équidés dans le haras Sierakow (en prénant en considération les influences du milieu). (In Polish.) Polskie Arch. Weter. 1:257-278. Ref. 1951. 41.8 P76
French summary.

84677 LEMETAYER, E. Recherches sur l'anémie infectieuse experimentale des équidés. Internatl. Vet. Cong. Rpt. 14(2):322-328. 1949,pub.1952. 41.9 In844
English summary.

84678 LEVINE, N. D., and IVENS, V. The toxic action of some detergents on the eggs and larvae of horse strongyles (Nematoda: Strongylidae). (Abs.) J. Parasitol. 38(4,sect.2):32. Aug.1952. 448.8 J824

84679 MCGINNIS, P. J. Some requirements for the equine practitioner of tomorrow. Iowa State Col. Vet. 14:153-156. 1952. 41.8 V6425

84680 MANNINGER, R. Virus abortion in mares. Internatl. Vet. Cong. Rpt. 14(2):479-482. 1949,pub.1952. 41.9 In844
Includes discussion.

84681 MAZZOTTI, L. Oncocercosis equina en México. Medicina 32:243-244. May 25,1952. 448.8 M4693

84682 MIKLAUŠIĆ, B., ZAHARIJA, I., and AUDI, S. L'epizootie de la paralyse spinale et bulbaire (botulisme) des chevaux sur une ferme. (In Serbo-Croatian.) Vet. Arh. 21:554-571. Ref. 1951,pub.Jan.1952. 41.8 V6416
French summary.
A case in Yugoslavia.

84683 MONTEVERDE, J. J., and GARBERS, G. V. Equine infection in Argentina due to Salmonella abortus-equi. Internatl. Vet. Cong. Rpt. 14(2):483-486. 1949,pub. 1952. 41.9 In844

84684 MONTEVERDE, J. J., and GARBERS, G. V. Infecciones debidas a Salmonella abortivoequina. III. Colecciones purulentas'subcutáneas en potrillos de año. Rev. de Med. Vet. [Buenos Aires] 33:158-165. Ref. July/Sept.1951. 41.8 B86
English summary.

84685 MOUSSATCHÉ, I. A simple method for obtaining large amounts of Trypanosoma equinum. (In Portuguese.) Rev. Mil. de Remonta e Vet. 11:217-218. Oct./Dec.1951. 41.8 R3219
English summary.

84686 MUCHERL P., L. M. Investigación de la enfermedad llamada meningo-encefalitis en el ganado de la zona de Calama e interior fronterizo, identificada coma otoacariasis a Ornithodorus [i.e. Otobius] megnini (Duges, 1883). (Sum.) B. de Inform. Parasitarias Chilenas 7:8-9. Jan/Mar.1952. 436.9 C43
Horses.

84687 NEUMANN-KLEINPAUL. Betrachtungen zur anwendung der nasenschlundsonde bei grossen pferden. Berlin. u. Münch. Tierarztl. Wchnschr. 65:144. Aug.1952. 41.8 B45

84688 NEWTON, L. G. Gomphrena celosioides—a plant causing ataxia in horses. Austral. Vet. J. 28:151-154. June 1952. 41.8 Au72

84689 NIZNANSKY, F. Die ansteckende blutarmut der pferde in der Tschechoslowakei. Internatl. Vet. Cong. Rpt. 14(2):340-349. Ref. 1949,pub.1952. 41.9 In844
English summary.

84690 PANKRATOV, A. IA., and TRET'IAKOVA, A. A. Utilization of ASD preparation [Dorogov's antiseptic stimulator] during strangles in horses. (In Russian.) Veterinariia 29(5):31-32. May 1952. 41.8 V6426

84691 PARRY, H. B. A new intravenous anaesthetic for use in the horse. Internatl. Vet. Cong. Rpt. 14(3):282-286. 1949,pub.1952. 41.9 In844
β-naphthoxyethanol.

84692 QUENTIN, M. Anémie infectieuse des équidés. Internatl. Vet. Cong. Rpt. 14(2):329-337. 1949,pub.1952. 41.9 In844
English summary.

84693 QUINLAN, J. Observations on naphthoxyethanol suspension ("anavenol") as an anaesthetic for Thoroughbred horses, with some remarks on anaesthesia with chloral hydrate. So. African Vet. Med. Assoc. J. 23:21-24. Mar.1952. 41.8 So8

84694 QUINLAN, J. B., and others. An interesting hoof lesion: a case of fracture of the os pedis, complicated with hoof canker. So. African Vet. Med. Assoc. J. 23:51-53. Mar.1952. 41.8 So8
G. L. Faull, D. Burgess, and I. Banks, joint authors.
Thoroughbred horse.

84695 QUINLAN, J. B., and others. A note on the soft palate (patalinum molle) as a cause of dyspnoea in race horses. So. African Vet. Med. Assoc. J. 23:50-51. Mar. 1952. 41.8 So8
G. L. Faull, D. Burgess, and I. Banks, joint authors.

84696 RETAMALES, R. Osteotomy and skeletal traction of the maxilla. Cornell Vet. 42:360-365. July 1952. 41.8 C81
Horses.

84697 RICHARDS, A. The new arrival. Morgan Horse Mag. 12(5):12,34. June 1952. 42.8 M82
Birth of a colt.

84698 RIVCHUN, M. B. Experiments in treatment of closed injuries of soft tissues [in horses] with ozocerite. (In Russian.) Konevodstvo 21(12):36-38. Dec.1951. 42.8 K832

84699 RUNGE, S. Diagnostic value of ferrocyanide in equine infectious anaemia. Internatl. Vet. Cong. Rpt. 14 (2):338-339. 1949,pub.1952. 41.9 In844

84700 SALYI, J. Plasmazellengeschwulst beim pferd. Acta. Vet. 1:383-393. Ref. 1951. 41.8 Ac83

84701 SCHERMER, S. Geheilte frakturen beim pferd. Berlin. u. Münch. Tierarztl. Wchnschr. 65:141-143. Aug. 1952. 41.8 B45

84702 SCHOENING, H. W. Equine encephalomyelitis in the United States. Internatl. Vet. Cong. Rpt. 14(2):501-511. Ref. 1949,pub.1952. 41.9 In844

84703 SCHUTZLER, G., and SANDER, W. Magenmotilitätsprüfungen durch restbestimmung nach wassereingabe an gesunden pferden als beitrag zur magendiagnostik. Monatsh. f. Vetmed. 7:245-250. Ref. July 1,1952. 41.8 M742

84704 SHCHEKIN, V. A. Change in exterior of asses and camels which were transferred to improved maintenance. (In Russian.) Konevodstvo 22(2):31-36. Feb. 1952. 42.8 K832
Weight and measurement.

84705 SIEGRIST, J. C., and KINTNER, J. H. The diagnosis and sanitary control of intestinal roundworms in horses. Md. Horse 17(8):20-25. Aug.1952. 42.8 M36

84706 SPIRIUKHOV, I. On the spring function of the shoulder region and of the humerus in a horse. (In Russian.) Konevodstvo 22(1):7-13. Jan.1952. 42.8 K832

84707 SPORRI, H. Formveränderungen des pferdeelektroventrikulogrammes. Internatl. Vet. Cong. Rpt. 14(3):289-297. 1949,pub.1952. 41.9 In844
English summary.

84708 STECK, W. Recent studies on equine infectious anaemia. Internatl. Vet. Cong. Rpt. 14(2):319-321. 1949, pub.1952. 41.9 In844

84709 STEEL, J. D. The equine electrocardiogram with particular reference to certain anaesthetic agents. Internatl. Vet. Cong. Rpt. 14(3):306-311. 1949,pub.1952. 41.9 In844

84710 TEUSCHER. Zur kastration am stehenden hengst, ihre entwicklung und bedeutung für den praktizierenden tierarzt. Monatsh. f. Vetmed. 7:223-228. June 15,1952. 41.8 M742

84711 TITSWORTH, B. D. Know his age by his teeth. Horse Lovers' Mag. 17:14-15,66. June/July 1952. 42.8 H7852

84712 U. S. BUR. OF ANIMAL INDUSTRY. Report on infectious equine encephalomyelitis in the United States in 1951, by B. T. Simms. Washington,1952. 4 p. 1.9 An5Rep

84713 VALERI, H., and GALLO, P. Posibilidad de hallar en las orinas y contenidos estomacales productos nitrogenados solubles en los solventes orgánicos, cloroformo, éter etílico y xileno. Rev. de Med. Vet. y Parasitol. 10:65-71. Ref. Jan./Dec.1951. 41.8 R3293
English summary.
In equine urine and bovine stomach contents.

84714 VERGE, J. Le role de Salmonella abortus equi en nosologie humaine et vétérinaire. Internatl. Vet. Cong. Rpt. 14(2):281-284. Ref. 1949,pub.1952. 41.9 In844
English summary.

84715 VOGELSANG, E. G. Nematodes parásitos de los equinos de Venezuela. Rev. de Med. Vet. y Parasitol. 10:119-124. Jan./Dec.1951. 41.8 R3293

84716 VOGELSANG, E. G., and RODIL CALDERON, T. Salmonellosis equina, observación en Venezuela. Rev. de Med. Vet. y Parasitol. 10:129-131. Jan./Dec. 1951. 41.8 R3293

84717 WESTERMARCK, H. Some experiences on the changes in the vitamin and mineral content in blood during the development of pneumonia in horses. Internatl. Vet. Cong. Rpt. 14(3):72-74. 1949,pub.1952. 41.9 In844

Miscellaneous

84718 BIBIKOV, B. M. New records [in testing trotters]. (In Russian.) Konevodstvo 22(2):41-43. Feb. 1952. 42.8 K832

84719 BODNER, P. Rosselenker oder multreiber? Kärntner Bauer 102:325-326. May 24,1952. 19 K14

84720 BRUSE. Die abteilung pferde auf der lehr- und leistungsschau in Cottbus. Tierzucht 5:355-356. Nov.1951. 49 T443

84721 BRUSE. Hengst- und stutenschau in Neustadt (Dosse) und ihre bedeutung für die landespferdezucht. Tierzucht 5:313-316. Oct.1951. 49 T443

84722 BURANDT, E. Leistungsprüfungen in der necklenburgischen landespferdezucht. Tierzucht 6:125-130. Apr.1952. 49 T443

84723 BURANDT, E. Das richten der pferde bei den zugleistungsprüfungen. Tierzucht 6(6,sup.):3-4. June 1952. 49 T443

84724 COLENBRANDER. The draft horse in Axel. (In Dutch.) Nieuwe Veldbode 18:743. Aug.7,1952. 12 V542N

84725 COMBERG. Die pferde auf der 2. landwirtschaftlichen lehr- und leistungsschau in Güstrow 1951. Tierzucht 5:353-355. Nov.1951. 49 T443

84726 EHRENBERG, P. Training der jungpferde für die spätere nutzung. Tierzüchter 4:326-328. July 5,1952. 49 T445

84727 GRAY, J. Longe lining the Western horse. West. Horseman 17(8):11,29-34. Aug.1952. 42.8 W522

84728 GROSHEV, S. G. Result of testing draft horses and their hybrids. (In Russian.) Konevodstvo 22(3):36-41. Mar.1952. 42.8 K832

84729 JEFFERY, K. B. Magic hold horse-handling system explained. Past. Rev. 62:592-594. (Cont.) June 16,1952. 23 Au75

84730 KALASHNIKOV, A. A., KOGAN, A. IA, and KARLSEN, G. G. In regard to the utilization of horses on collective farms. (In Russian.) Konevodstvo 22(2):1-12. Feb.1952. 42.8 K832

84731 KARPECHENKO, N. Practices of the leading horse raising farm of Kirov Kolkhoz of Mavrinskiĭ Village Soviet in Korobovskiĭ District, Moscow Region. (In Russian.) Konevodstvo 21(10):40-42. Oct.1951. 42.8 K832

84732 LESNIKOV, G., and others. Horse expositions in 1951. (In Russian.) Konevodstvo 22(1):14-26. Jan.1952. 42.8 K832
V. E. Knîazev, K. Vershinin, and V. Kozyrev, joint authors.

84733 LUNA DE LA FUENTE, C. El caballo peruano, como elemento de progreso en la agricultura del país. Vida Agr. [Lima] 29:331,333,335. Apr.1952. 9.8 V66

84734 MISHIN, G. Distinguished horse raiser of Azerbaidzhan. (In Russian.) Konevodstvo 22(4):41-45. Apr.1952. 42.8 K832
Methods of Rustamov Teĭîar.

84735 OKAMURA, K. Health conditions in race horses in Osaka. (In Japanese.) Japan Vet. Med. Assoc. J. 4:316-319. Sept.1951. 41.9 J275

84736 PAREJA Y ROSALES, J. G. DE. El recrio de mulas. Ceres [Valladolid] 17(452):6-8. July 15,1952. 15 C33

84737 POPOV, V. Preliminary results of stud farm work for 1951 and problems of 1952. (In Russian.) Konevodstvo 22(1):1-6. Jan.1952. 42.8 K832

84738 PRAWOCHEŃSKI, R., DOMAŃSKI, A., and KOZŁOWSKI, L. L'effort de traction chez le cheval pendant les travaux agricoles. (In Polish.) Lublin. U. M. Curie-Sklodowskiej. Ann. Sect. E 6:117-129. Ref. 1951. 512 L96Ae
French summary.

84739 TARASOV, A. A. At the collective farm hippodromes in the Ural Mountains. (In Russian.) Konevodstvo 22(3):42-45. Mar.1952. 42.8 K832
Testing horses.

84740 VAN DER WALT, S. J. Commando farm horse. (In Afrikaans.) Landbouweekblad 34(1716):12-13. June 4,1952. 24 L232
Union of South Africa.

84741 VERDIEV, Z. K. In regard to endurance and working capacity of the Azerbaidzhan horse. (In Russian.) Konevodstvo 21(12):28-35. Dec.1951. 42.8 K832

84742 ZENTRALVERBAND DEUTSCHER PFERDEZUCHTER. Leistungsprüfungsordnung für warm- und kaltblutpferde. Tierzucht 6(6,sup.):1-3. June 1952. 49 T443

84743 ZOBNIN, I. Pedigreed horse raising farm of Severnoe Siîanie Collective Farm [in Bakcharskii District, Tomsk Region]. (In Russian.) Konevodstvo 21 (12):26-27. Dec.1951. 42.8 K832

LABORATORY ANIMALS, SMALL

Veterinary Medicine

84744 CASAROSA, L. On the experimental infestation of a guinea pig with embryonated egg of Neoascaris vitulorum. (In Italian.) Pisa. U. Facoltá di Med. Vet. Ann. 4:179-182. Ref. 1951. 41.9 P67
English summary.

84745 MORSE, E. V., and others. A study of the pathogenicity of Corynebacterium pyogenes for laboratory white mice, hamsters, and rabbits. Cornell Vet. 42:368-379. Ref. July 1952. 41.8 C81
G. W. Robertstad, L. Wipf, and H. R. Glattli, joint authors.

84746 PELLEGRINI, S. Experimental investigations on the effect of a decoction from "Helichrysum italicum G.Don." on the weight, elimination of carbon dioxide and the blood picture in guinea pigs. (In Italian.) Pisa. U. Facoltá di Med. Vet. Ann. 4:125-139. 1951. 41.9 P67
English summary.

84747 REAGAN, R. L., and others. Effect of West Nile virus in the Swiss albino mouse and the cave bat. J. Bact. 64:79-81. July 1952. 448.3 J82
D. M. Schenck, M. P. Harmon, and A. L. Brueckner, joint authors.

Miscellaneous

84748 BALL, J. So you want to show cavies. All-Pets Mag. 23(7):83-85. July 1952. 48.8 AL5

84749 RIDDING, W. E. The hamster and his relatives. All-Pets Mag. 23(6):90-92. June 1952. 48.8 AL5

POULTRY

Breeds and Breeding

84750 ABELEIN, R. Die künstliche besamung von hühnern. Deut. Wirtgeflügelzucht. 4:496-498. (Concl.) Ref. July 19,1952. 47.8 D483

84751 APPLEYARD, R. What of the future of waterfowl? Poultry Club. Ybk. 1952:27-28. 47.9 P866
Breeding ducks and geese.

84752 BAKER, R. C. Leghorns fill demand for light broilers. Broiler Growing 3(8):20-22. Aug.1952. 47.8 B782

84753 BARTSCH, F. Die familienkarte als mittel für eine erbwertschätzung beim huhn. Tierzucht 5:287-290. Sept.1951. 49 T443

84754 BRANN, V. H. Breeds of poultry. Austral. Junior Farmer 4(5):5-12,14-15. May/June 1952. 23 Au782

84755 BRATANOV, K. L'influence du regime sexuel sur la fonction des testicules chez les coqs. (In Bulgarian.) Bulgarska Akad. na Nauk. Inst. po Eksper. Vet. Med. Izv. 1:57-69. 1951. 41.9 B87
French summary.

84756 BRETSCHER, A. Genetisch bedingte unterschiede in der colchicin- empfindlichkeit bei hühnern. Schweiz. Gesell. f. Vererbforsch. Jahresber. 11:465-469. 1951,pub.1952. 443.9 Sch9

84757 BRILES, W. E., BRILES, R. W., and IRWIN, M. R. Differences in specificity of the antigenic products of a series of alleles in the chicken. Genetics 37:359-368, July 1952. 442.8 G28

84758 CLARK, T. B. Selecting turkeys for the breeding flock. W. Va. Agr. Expt. Sta. C. 86,14 p. June 1952. 100 W52

84759 DAVIN, J. A. Bantams and egg production. All-Pets Mag. 23(7):76,82. July 1952. 48.8 AL5

84760 EISENSCHMIDT, R. Das ausmerzen in der herdbuchzucht. Tierzucht 6:167-168. May 1952. 49 T443
Poultry.

84761 EISENSCHMIDT, R. Ein streifzug durch die hühnerherdbuchzucht. Tierzucht 6:56-58. Feb.1952. 49 T443

84762 FRANQUELO, J. E. Paticultura. Orientaciones sobre la cría del Khaki-Campbell. Valencia Avíc. 9(2):29-34. Ref. Mar.1952. 47.8 V23
Includes feed formulas.

84763 GONZALEZ SILVA, E. J. El pato criollo o sudamericano. Pampa Argentina 25(294):9,34. June 1952. 9 P19

84764 GONZALEZ SILVA, E. J. Sobre la raza Sussex. Pampa Argentina 24(284):4. Aug.1951. 9 P19

84765 HIBBERT, G. A progeny breeding project in Canada. S. A. P. A. Poultry B. 16(175):29,31. Apr.1952. 47.8 So89

84766 HUTT, F. B. Hybrid vigour without highly inbred strains. Poultry 111:21. July 8,1952. 47.8 P869

84767 HUTTON, J. The Rosecomb Bantam. All-Pets Mag. 23(6):82-83. June 1952. 48.8 AL5

84768 ISHERWOOD, G. P. Why have the old breeds lost favour? Poultry World 91:134. Aug.7,1952. 47.8 P8682

84769 KIMBALL, E. Wild type plumage pattern in the fowl. J. Hered. 43:129-132. May/June 1952. 442.8 Am3

84770 KOLTUNOVICH, O. I., and SHARETSKII, V. E. Pedigreed poultry breeding farm of Lenin Collective Farm [in Sovetskii District, Kuban]. (In Russian.) Sotsialist. Zhivotnovod. 14(2):81-83. Feb.1952. 49 So71

84771 LEGRAND, M. Hérédité de la coloration du plumage et de certains caractères extérieurs des pigeons. Cour. Hort. 14:220-222. (Cont.) Apr.1952. 80 C834

84772 LOW, D. The Shortfaced Almond Tumbler. III. Bird World 9:171-172,179. May 1952. 413.8 B533

84773 MACKLIN, H. P. Pigeon portraits: the Saxony Muffed Tumbler. I. Amer. Pigeon J. 41:232-233. Aug. 1952. 47.8 Am35

84774 MARK, R. R. P. VAN DER. Fliegende Holländer; die taubenzucht in Holland. Österr. Kleintierzüchter 13/14:105-106. July 1952. 49 Os7

84775 MARTIN, J. H. Purdue University is becoming a Mecca for poultry breeders. N. H. Breeder & Broiler Grower 15(2):10,11,34-35. July 1952. 47.8 N45

84776 MARTINEZ-CAMPOS, C. The influence of varying levels of thyroid activity on semen production in the domestic fowl. Internatl. Vet. Cong. Rpt. 14(3):144-148. 1949,pub.1952. 41.9 In844

84777 MASSACHUSETTS FEDERATION OF POULTRY ASSOCIATIONS. Poultry breeding flocks in Massachusetts, 1951-52. Boston,1952. 29 p. 47.9 M383

84778 MONTGOMERY, G. A. Better hens are on the way; hybrid producers and purebred poultry breeders are pushing new research programs that promise to put still more egg dollars in your pockets. Capper's Farmer 63(8):24,37. Aug.1952. 6 M693

84779 MONTMAGNY, C. DE. Exemple de production de poussins et de poulets en montagne: Bresse noire et Leghorn blanche. Vie à la Campagne 41:216-218. June 1952. 80 V67

84780 NAETHER, C. An ancient breed of pigeons. All-Pets Mag. 23(6):86-87,89. June 1952. 48.8 AL5
Damascene.

84781 NAETHER, C. An intriguing Indian pigeon. All-Pets Mag. 23(7):79,81. July 1952. 48.8 AL5
Mookee.

84782 NOLD, R. Die kammformen in der vererbung. Allg. Geflügel-Ztg. 32(20):1. July 10,1952. 47.8 AL5

84783 PASPALEV, G., BRATANOV, K., and VASSILEV, I. L'influence de certains facteurs sur l'hérédité chez les oiseaux. II-III. (In Bulgarian.) Bulgarska Akad. na Nauk. Biol. Inst. Izv.2:291-298. 1951. 442.9 B87
French summary.

84784 PEARSON, I. G. The technique of artificial insemination of turkeys. Agr. Gaz. N. S. Wales 63:248-249. May 1952. 23 N472

84785 PEASE, M. Simple Mendelism. Natl. Util. Poultry Soc. Poultry Guide & Ybk. 55:22-27. 1952. 47.9 N216
In poultry breeding.

84786 PIAGET, A.,JR. Introducing Loosveldts to U. S. A. Amer. Racing Pigeon News 68(6):19-21; (7):6-7. June-July 1952. 47.8 H75

84787 POLI, E. F. General news on the breeding of pheasants. (In Italian.) Zootec. e Vet. 7:157-161, Apr./May 1952. 41.8 Z7

84788 POLO JOVER, F. La gallina de Elche. An. de Econ. Pecuaria 1(2):19-24. Apr.1952. 41.9 An1

84789 POULTRY CLUB. Silver Legbar standard. Poultry Club. Ybk. 1952:15-14. 47.9 P866

84790 RAIMO, H. F. Relation between intensity of shell color of eggs from New Hampshire chickens and hatchability. (In Portuguese.) B. de Indús. Anim. (n.s.) 12.95-105. Ref. Dec.1951,pub.1952. 49 R324
English summary.

84791 SÉRAMY, R. Monographies-standards: le bouvreuil Archangel. Cocricos du Monde 7(6):15. June. 1952. 47.8 C64

84792 SILSON, R. G. Improving our racing pigeons. Amer. Racing Pigeon News 68(7):1-3. July 1952. 47.8 H75
Breeding.

84793 SUTTON, J. The future of the small specialist breeder. Accredited Poultry Breeders' Fed. Eng. & Wales. News Serv. 28:24. Summer 1952. 47.8 Ac2

84794 TATRO, R. Goose talk. Alaskan Agr. 5(2):25-27. (Cont.) Summer 1952. 6 AL16
Breeds.

84795 TUKKER, J. G. Poultry breeding in the Netherlands. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:387-390. 1949,pub.1951. 279.9 Un32P

84796 VECIANA VERGES, J. M. Selección. Reus Avíc. 1:39. (Concl.) May 1,1952. 47.8 R31

84797 WATERS, N. F. The hybrid chicken experiences growing pains. Poultry Comment 9(2):1-4. May 1952. 47.8 D92

Feeds and Feeding

84798 ALLEN, C. E., and DOW, D. S. The biological assessment of the value of rapeseed oil meal as a dietary component. Sci. Agr. 32:403-410. Ref. July 1952. 7 Sci2
Fed to chicks.

84799 BARCELO GARCIA DE PAREDES, A. Existe, en avicultura, la ración de sostenimiento? Balearic Isl. Diputación Prov. B. de Agr. 92:9. May 1952. 15 B19

84800 BARTSCH, F. Die fütterung des legehuhnes auf dem bauernhof. Tierzucht 5:392-395. Ref. Dec.1951. 49 T443

84801 BECHTEL, H. E. Today's feeds prove 55% superior to '34 ration; growth comparisons illustrate great progress in feeding and breeding in seventeen years. Broiler Growing 3(8):17-18. Aug.1952. 47.8 B782

84802 BERNARD, R., and DEMERS, J. M. Le manganèse dans la nutrition du caneton (Pékin blanc). Rev. Canad. de Biol. 11:147-158. Ref. July 1952. 442.8 R325
English summary.

84803 BIRD, H. R. Feeds for chickens. East. Feed Merchant 3(8):76-77. Aug.1952. 389.78 Ea7

84804 BUR. DE LA NUTRITION ANIMALE J. PERUCHON. Rations penicillinées, a base d'aliments vegetaux, pour poussins & porcelets. Bur. de la Nutr. Anim. J. Péruchon. Rap. G74,4 p. May 17,1952. 389.79 B89

84805 CARTANYA ALEU, P. Crianza de polluelos. 2. Reus Avíc. 1(1):8. Mar.1952. 47.8 R31
Feeding.

84806 CARTANYA ALEU, P. Vitaminas. 4,6. Reus Avíc. 1:1-3,37-39. Mar.,May 1952. 47.8 R31

84807 CARVER, J. S., and BERG, L. R. Antibiotics have little value in laying rations. Washcoegg 29(10):50, 52-53. Mar.1952. 47.8 W27

84808 COMBS, G. F., and others. Broiler mash formulas. Md. Agr. Col. Ext. Fact Sheet 55,4 p. n.d. 275.29 M36Fa
W. H. Rice, P. F. Twining, and M. A. Jull, joint authors.

84809 DANSKY, L. M., and HILL, F. W. Application of the chromic oxide indicator method to balance studies with growing chickens. J. Nutr. 47:449-459. July 10,1952. 389.8 J82

84810 DOVE, T. S. Wheat governs egg production. N. Z. Poultry World 15:134-135. May 1952. 47.8 N11

84811 FANGAUF, K. W. Die anwendung von thiouracil und diethylstilbestrol in der putenmast. Deut. Wirtgeflügelzucht. 4:498. July 19,1952. 47.8 D483

84812 FRONDA, F. M., and CRUZ, I. M. The influence of restricted feeding on pullets from 12 to 24 weeks old. Philippine Agr. 35:90-94. July 1951. 25 P542

84813 GAAFAR, S. M., and ACKERT, J. E. Studies on mineral-deficient diets as factors in resistance of fowls to parasitism. (Abs.) J. Parasitol. 38(4,sect.2): 17-18. Aug.1952. 448.8 J824

84814 GIAVARRINI, I. Vitamin B_{12} in poultry feeding. (In Italian.) Riv. de Zootec. 25:127-129. Apr.1952. 49 R52

84815 HALBROOK, E. R. Newer poultry nutrition. Flour & Feed 53(3):5-6. Aug.1952. 298.8 F66

84816 HALBROOK, E. R. Poultry nutritional research in Montana (U.S.A.). Victorian Poultry J. 38(10): 43,45. May 1,1952. 47.8 V662

84817 HØIE, J. Experiments with commercial feed mixtures for chicks. (In Norwegian.) Samvirke [Oslo] 47:286-287. July 1,1952. 280.28 Sa4

84818 HUNT, H. Carrick pioneered with [soybean] meal for poultry. Soybean Digest 12(10):12-14. Aug.1952. 60.38 So9

84819 KRATZER, F. H. Effect of dietary molybdenum upon chicks and poults. Soc. Expt. Biol. & Med. Proc. 80: 483-486. Ref. July 1952. 442.9 So1

84820 LAHOZ, V. Acerca de un nuevo compuesto vitamínico. Valencia Avíc. 9(2):25. Mar.1952. 47.8 V23
Vitamin T in poultry vutrition.

84821 LAHOZ, V. Enfocando un tema de actualidad. Valencia Avíc. 9:29-31. Feb.1952. 47.8 V23
Chiefly feeding and care of chicks.

84822 LEE, C. E., HENRY, C. L., and PRESTO, J. How much feeding space per layer. Poultry Herald 64 (8):3-4. Sept.1952. 47.8 P862

84823 MACAPAGAL, R. N. A study of two mash mixtures for laying pullets. Philippine Agr. 35:52-57. June 1951. 25 P542

84824 MANUNTA, G. Use of methylthiouracil in forced fattening of geese and adult cocks. (In Italian.) Riv. de Zootec. 25:124-126. Apr.1952. 49 R52

84825 NEW ZEALAND. DEPT. OF AGRICULTURE. ANIMAL INDUSTRY DIV. Feeding of laying birds in a household poultry flock. New Zeal. J. Agr. 84:507-508. June 16,1952. 23 N48J

84826 OLCESE, O., ROSA L., R. LA, and LEMA N., L. Estudios de alimentos con algarroba para pollos en crecimiento. Agronomia [Lima] 16(68):86-93. Nov. 1951/Jan.1952. 9.8 Ag83

84827 PANOS MARTI, P. El aprovechamiento del caracol en granjas avícolas. An. de Econ. Pecuaria 1: 25-50. Jan.1952. 41.9 An1
English summary.
Especially for ducks.

84828 PERUCHON DE BROCHARD, J. La alimentación racional de las ponedoras en el medio rural. Reus Avíc. 1(1):15-16. Mar.1952. 47.8 R31

84829 PLONSKY, J. C. New broiler feeds carry a challenge for improvement. West. Feed & Seed 7(7):25, 44-46. July 1952. 389.78 W52

84830 PLONSKY, J. C. What's new in broiler feeding? N. H. Breeder & Broiler Grower 15(2):18-19. July 1952. 47.8 N45

84831 RHYS, I. W. High yields from home-grown foods. (Extr.) Mod. Poultry Keeping 67:116-117. July 30,1952. 47.8 Eg3

84832 RICE, W. H., COMBS, G. F., and STABLER, S. P. Good poultry pastures for Maryland. Md. Agr. Col. Ext. B. 95,rev.,23 p. June 1952. 275.29 M36B

84833 ROF CODINA, J. La avitaminosis de las aves. Cult. Mód. 35:220-222. June 1952. 15 C89

84834 SECULI BRILLAS, J. Factores indispensables en la alimentación de las aves. Ceres [Valladolid] 17 (192):42-43. June 1,1952. 15 C33

84835 SHOMO, H. The broiler chick—past, present and future. Soeast. Poultryman 5(7):5,14-18. July 1952. 47.8 So872
Quality through feeding.

84836 SINGSEN, E. P. High efficiency feeds pay in the laying house. East. States Coop. 28(8):10-12. Aug.1952. 280.28 Ea7

84837 SLINGER, S. J. Antibiotics; more poultry meat with less feed. Farmer's Mag. 49(7):13,40. July 1952. 7 C165

84838 VAYSSE. Le rationnement des volailles. Élevage et Cult. 4(43):15-17. July 1952. 24 EL2

84839 WINTER, A. R., and others. Good eggs on Ladino clover. Ohio Farm & Home Res. [Ohio Sta.] 37:65, 67. July/Aug.1952. 100 oh3S
V. C. Chamberlin, B. Burkhart, and D. C. Kennard, joint authors.

84840 WORDEN, A. N. Some further developments in poultry nutrition. Accredited Poultry Breeders' Fed. Eng. & Wales. News Serv. 25:14-15; 28:16-17. Autumn 1951, Summer 1952. 47.8 Ac2

Veterinary Medicine

84841 ANIMAL HEALTH TRUST. Coccidiosis in poultry. Guides Anim. Health 1,10 p. 1951? 41.9 An53

84842 ANIMAL HEALTH TRUST. The fowl paralysis complex. Guides Anim. Health 2,10 p. 1951? 41.9 An53

84843 ASPLIN, F. D., GORDON, R. F., and REID, J. Newcastle disease. Internatl. Vet. Cong. Rpt. 14(2):366-371. 1949,pub.1952. 41.9 In844

84844 ASSENMACHER, I. La vascularisation du complexe hypophysaire chez le canard domestique. II. Le développement embryologique de l'appareil vasculaire hypophysaire. Arch. d'Anat. Micros. et de Morph. Expt. 41:107-152. Ref. 1952. 444.8 Ar21

84845 BABUDIERI, B., and MOSCOVICI, C. Experimental and natural infection with Coxiella burnetti of domestic birds. (In Italian.) Ist. Super. di Sanit. Rend. 15: 215-219. 1952. 449.9 R66
English summary.

84846 BASKAYA, H., and others. A comparison of Newcastle disease virus recovery from bone marrow and from pools of respiratory tract and spleen. Amer. J. Vet. Res. 13:405-406. July 1952. 41.8 Am3A
H. E. Burd, C. B. Hudson, and J. A. Bivins, joint authors.

84847 BEACH, J. R. Newcastle disease (avian pneumoencephalitis) in the United States. Internatl. Vet. Cong. Rpt. 14(2):372-379. Ref. 1949,pub.1952. 41.9 In844

84848 BEACH, J. R. The veterinary profession's contribution to the world's poultry and egg supplies. Internatl. Vet. Cong. Rpt. 14(1):102-106. 1949,pub.1952. 41.9 In844

84849 BEAUDETTE, F. R. Current literature on Newcastle disease. U.S. Livestock Sanit. Assoc. Proc. 55:108-174. Ref. 1951,pub.1952. 49.9 Un3R

84850 BEGANOVIĆ, A. H., and TOPOLNIK, E. Diagnostic et différenciation S. pullorum et S. gallinarum par le bacteriophage. (In Serbo-Croatian.) Vet. Arh. 21:548-553. Ref. 1951,pub.Jan.1952. 41.8 V6416
French summary.

84851 BELLE, G. Traitement et prophylaxie des maladies avicoles. Terre Marocaine 26:254-260. July 1952. 24 T44

84852 BERKS, G., and NEAL, R. A. The effect of some drugs upon Histomonas meleagridis in vitro. Ann. Trop. Med. & Parasitol. 46:68-71. Ref. May 1952. 448.9 L75A

84853 BLACK, J. G., GETTY, J., and MORRIS, T. R. Infra-red brooding and the crooked-toe problem in chicks. Nature [London] 170:167. July 26,1952. 472 N21

84854 BORNSTEIN, S., RAUTENSTEIN-ARAZI, A. and SAMBERG, Y. Some aspects of congenital passive immunity to Newcastle disease in chicks. I.-II. Amer. J. Vet. Res. 13:373-382. Ref. July 1952. 41.8 Am3A
I, The transfer of hemagglutinin inhibitors from the maternal yolk to the chick; II, The relationship of maternal hemagglutination-inhibition titers in baby chicks to their actual immunity.

84855 BROWN, T. T. Common diseases of poultry and how to control them. South.Planter 113(8):34-35,37. Aug.1952. 6 So89

84856 CABALLERO, F. Orientación acerca de la enfermedad de Newcastle. Tierra [México] 7:374-375, 405. June 1952. 8 T445

84857 COATNEY, G. R., and HICKMAN, B. B. The course of sporozoite-induced Haemoproteus columbae infection in the pigeon. (Abs.) J. Parasitol. 38(4,sect.2): 12. Aug.1952. 448.8 J824

84858 COLE, R. K. Leucosis: isolate for best control. N. H. Breeder & Broiler Grower 15(2):8,23. July 1952. 47.8 N45

84859 CUMLEY, R. W., and IRWIN, M. R. An immunogenetic study of species-specific antigens in the serum of species of Streptopelia. Genetics 37:396-412. Ref. July 1952. 442.8 G28

84860 DAVIS, D. New Coccidiosis vaccine released. Poultry Tribune 58(8):23. Aug.1952. 47.8 P8642

84861 DAUGHERTY, J. W., and HERRICK, C. A. Cecal coccidiosis and carbohydrate metabolism in chickens. J. Parasitol. 38:298-304. Aug.1952. 448.8 J824

84862 DUBIN, I. N. The cultivation of the exoerythrocytic forms of Plasmodium gallinaceum in tissue culture. J. Infect. Dis. 91:33-49. Ref. July/Aug.1952. 448.8 J821
Cultures prepared from infected chick embryos.

84863 ERWIN, L. E. Typhoid is infectious. Kans. Poultry News 8(6):1-2. June 1952. 47.8 K13

84864 FARR, M. M. Tyzzeria sp. from wild geese and a wild duck. (Abs.) J. Parasitol. 38(4,sect.2):15. Aug.1952. 448.8 J824

84865 FRITZSCHE, K. Neue erkenntnisse über die gesunderhaltung unserer geflügelbestände. Deut. Wirtgeflügelzucht. 4:512-513. (Cont.) July 26,1952. 47.8 D483

84866 GERRIETS, E., and KUNZE. Der ansteckende schnupfen und seine verhütung. Tierzucht 6:23-24. Jan. 1952. 49 T443

84867 GERRIETS, E. Neuere wege der pullorum- und coccidiosebekämpfung durch chemotherapeutica. Tierzucht 5:359-362. Nov.1951. 49 T443

84868 GERRIETS, J. Untersuchungen über aufzuchtverluste bei hühnerküken in alt- und neubauernbetrieben und kükenaufzuchtstationen im jahre 1950. Tierzucht 5:319-322. Oct.1951. 49 T443

84869 GORDON, R. F. Coccidiosis. Poultry World 91(5,sup.):i-vi. July 31,1952. 47.8 P8682

84870 GORDON, R. F. Fowl paralysis. Poultry World 91(3,sup.):i-vi,viii. July 17,1952. 47.8 P8682

84871 GORRIE, C. J. R. Vaccination against spirochaetosis in fowls. II. Austral. Vet. J. 28:155-156. June 1952. 41.8 Au72

84872 GRUMBLES, L. C., BONEY, W. A., JR., and TURK, R. D. Chemotherapy of enterohepatitis of turkeys. I-II. Amer. J. Vet. Res. 13:383-387. July 1952. 41.8 Am3A
I, The value of 2-amino-5-nitrothiazole in prevention and treatment. II, The effect of 2-amino-5-nitrothiazole and 2-acetylaminonitrothiazole on egg production, fertility, and hatchability in turkey hens.

84873 HANSEN, M. F., OLSON, J., and ACKERT, J. E. A comparison of the current technique with a new technique of experimentally feeding chickens embryonated ova of Ascaridia galli. (Abs.) J. Parasitol. 38(4,sect. 2):17. Aug.1952. 448.8 J824

84874 HART, L. Fowl coryza (Haemophilus gallinarum infection). Internatl. Vet. Cong. Rpt. 14(2):449-452. 1949,pub.1952. 41.9 In844
Includes discussion.

84875 HIBBERT, G. Coccidiosis in South Africa. S. A. P. A. Poultry B. 16(176):30,32. May 1952. 47.8 So89

84876 HORTON-SMITH, C. Sulphonamides and coccidiosis. (Sum.) Vet. Rec. 64:437. July 26,1952. 41.8 V641
For poultry.

84877 ITOH, H., and others. Experimental studies on the virus of Japanese B encephalitis using chickens: development and persistence of serum antibodies. Kitasato Arch. Expt. Med. 24:219-227. Ref. Nov.1951. 448.8 K64
M. Toda, F. Shimada, and S. Fukuzumi, joint authors.

84878 IVANOV, K., and MLADENOV, Z. About an obscure until now physiological mechanism in fowl - ovogenic osteothesaurismosis. (In Bulgarian.) Bulgarska Akad. na Nauk. Inst. po Eksper. Vet. Med. Izv. 1:3-24. Ref. 1951. 41.9 B87
Russian summary.

84879 JACOBS, L., and MELTON, M. L. Observations on toxoplasmosis in pigeons. (Abs.) J. Parasitol. 38(4,sect.2):12. Aug.1952. 448.8 J824

84880 JANSEN, J., and KUNST, H. Is duck plague related to Newcastle disease or to fowl plague? Internatl. Vet. Cong. Rpt. 14(2):363-365. 1949,pub.1952. 41.9 In844

84881 KENZY, S. G. Studies in avian neoplasia. I. A quantitative evaluation of neutralizing antibodies for the Rous sarcoma virus in avian serums. Amer. J. Vet. Res. 13:388-394. Ref. July 1952. 41.8 Am3A

84882 KERR, K. B. New drug [butynorate] proves a success for tapeworms. Hatchery & Feed 26(8):21-22. Aug.1952. 47.8 H28

84883 LEVINE, P. P. Infectious bronchitis [in poultry]. U.S. Livestock Sanit. Assoc. Proc. 55:183-186. 1951,pub.1952. 49.9 Un3R

84884 LITZKI, A. Schach der roten kükenruhr! Deut. Wirtgeflügelzucht. 4:499-500. July 19,1952. 47.8 D483

84885 LUCAM, F. La peste aviaire en France. Internatl. Vet. Cong. Rpt. 14(2):380-382. 1949,pub.1952. 41.9 In844
Includes Newcastle disease.

84886 MCGUIRE, W. C., and MOREHOUSE, N. F. Preliminary notes on the chemotherapy of hexamitiasis. (Abs.) J. Parasitol. 38(4,sect.2):30. Aug.1952. 448.8 J824

84887 MCINTOSH, A., and FARR, M. M. Renicola brantae n. sp. from the kidney of the Canada Goose, Branta canadensis (Linnaeus, 1758). (Abs.) J. Parasitol. 38(4,sect.2):35-36. Aug.1952. 448.8 J824

84888 MACKAY, A. A. This disease business. Natl. Util. Poultry Soc. Poultry Guide & Ybk. 55:37-39. 1952. 47.9 N216

84889 MANWELL, R. D. Turkeys and ducks as experimental hosts for Plasmodium hexamerium and P. vaughani. Expt. Parasitol. 1:274-282. June 1952. 436.8 Ex7

84890 MATHEY, W. J., JR., ROSENWALD, A. S., and ZANDER, D. V. Respiratory diseases of chickens and turkeys. Coop. Poultryman 17(8):22-23. Aug.1952. 47.8 C782

84891 MELCHIOR, F. B., JR. Hormone fattening of poultry. San Diego Poultry J. 28(562):17. June 1952. 47.8 Sa52

84892 MOORE, E. N., and BROWN, J. A. A new coccidium of turkeys, Eimeria innocua n. sp. (Protozoa: Eimeriidae). Cornell Vet. 42:395-402. July 1952. 41.8 C81

84893 MORINI, E. G., GALOFRE, E. J., and BERGUE, C. E. DE. Primera comprobación de Eimeria meleagridis Tyzzer, 1927, en la República Argentina. Buenos Aires. U. Facul. de Agron. y Vet. Rev. 13:108-113. Dec. 1951. 9 B863
English summary.
In turkeys.

84894 MOSES, H. E. Botulism in poultry. Purdue U. Agr. Ext. L. 347,4 p. 1952. 275.29 In2L

84895 NOBREGA, P., and BUENO, R. C. Coccidiosis in chicks. (In Portuguese.) Biológico 18:41-48. Mar. 1952. 442.8 B529

84896 NORDIO, C. B. Estrogens in the comb of female poultry. (In Italian.) Soc. Ital. di Biol. Sper. B. 27: 1740-1742. Dec.1951. 442.8 So12

84897 PEARSON, I. G. Coccidiosis, a devastating disease—methods of control. Australas. Poultry World 23(11):27,37,39. June 5,1952. 47.8 Au72

84898 POLO JOVER, F., and PANOS MARTI, P. Acuariosis de las aves; revisión y estudio. An. de Econ. Pecuaria 1:81-94. Ref. Jan.1952. 41.9 An1

84899 POLO JOVER, F. Leucosis ósea. An. de Econ. Pecuaria 1(2):57-65. Ref. Apr.1952. 41.9 An1

84900 PONEV, M. Contribution à l'étude de l'Aegyptianella pullorum en Bulgarie. (In Bulgarian.) Bulgarska Akad. na Nauk. Mikrobiol. Inst. Izv. 2:147-153. 1951. 448.39 B87
French summary.

84901 PREIBISCH, J. The blood picture of poultry in clinical examination. (In Polish.) Polskie Arch. Weter. 1:279-290. Ref. 1951. 41.8 P76
English summary.

84902 REAGAN, R. L., and BRUECKNER, A. L. Electron microscope studies of four strains of infectious bronchitis virus. Amer. J. Vet. Res. 13:417-418. July 1952. 41.8 Am3A
Poultry.

84903 REAGAN, R. L., and others. Pathogenicity of mouse-adapted Newcastle disease virus for the chicken, hamster, and mouse. Cornell Vet. 42:334-337. July 1952. 41.8 C81
W. C. Day, M. P. Harmon, and A. L. Brueckner, joint authors.

84904 REAGAN, R. L., and others. Studies of Newcastle disease virus in the dog-faced baboon (Papio porcarius). Cornell Vet. 42:366-367. July 1952. 41.8 C81
W. C. Day, M. P. Harmon, and A. L. Brueckner, joint authors.

84905 REAGAN, R. L., and BRUECKNER, A. L. Studies of Newcastle disease virus propagated in the cotton rat (Sigmodon hispidus). Cornell Vet. 42:331-333. July 1952. 41.8 C81

84906 RODIL CALDERON, T. Notas sobre ornipatología venezolana. Rev. de Med. Vet. y Parasitol. 10:125-127. Jan./Dec.1952. 41.8 R3293
Leukosis and Dermanyssus gallinae.

84907 SCALES, J. W. Recognize Newcastle disease. Gamecock 15(2):24. June 1952. 47.8 G142

84908 SCALES, J. W. Trimming the game cock. Gamecock 15(3):14-15. July 1952. 47.8 G142

84909 SCHNEIDER, L. Vaccination and serum treatment against fowl pest (Newcastle disease). Internatl. Vet. Cong. Rpt. 14(2):359-362. 1949,pub.1952. 41.9 In844

84910 SCOTT, G. R. A note on intussusception in a Kenya poultry flock. Vet. Rec. 64:430. July 19,1952. 41.8 V641

84911 SPRATT, N, T., JR. Localization of the prospective neural plate in the early chick blastoderm. J. Expt. Zool. 120:109-130. Ref. June 1952. 410 J825

84912 STAFFE, A. J. Deformaciones y perdidas de cria por falta de oxigeno. Agr. Trop. 8(6):11-13. June 15,1952. 26 Ag8
Observations in connection with incubation of eggs.

84913 STAFSETH, H. J. Some remarks on fowl pest. U.S. Livestock Sanit. Assoc. Proc. 55:175-176. 1951,pub. 1952. 49.9 Un3R

84914 SWALES, W. E. The role of chemotherapy in the control of coccidiosis of chickens. Internatl. Vet. Cong. Rpt. 14(2):9-15. 1949,pub.1952. 41.9 In844
Includes discussion.

84915 THOMPSON, C. H., JR., and OSTEEN, O. L. Immunological and pathological findings on a highly virulent strain of Newcastle disease virus from Mexico. Amer. J. Vet. Res. 13:407-416. Ref. July 1952. 41.8 Am3A

84916 TODD, A. C., and HOLLINGSWORTH, K. P. Host sex as a factor in development of Ascaridia galli. Expt. Parasitol. 1:303-304. June 1952. 436.8 Ex7

84917 TOPOLNIK, E., and BEGANOVIĆ, A. H. Un cas d'infection de laboratoire par le virus de la peste aviaire atypique (la maladie de Newcastle). (In Serbo-Croatian.) Vet. Arh. 21:572-574. Ref. 1951,pub.Jan. 1952. 41.8 V6416
French summary.

84918 TRENCHI, H. La importancia de la sanidad en la explotación de las aves. Agr. Costarricense 10:110-115, 137-139. May-June 1952. 8 Ag895

84919 TUGWELL, R. L., and ACKERT, J. E. On the tissue phase of the life cycle of the fowl nematode: Ascaridia galli (Schrank). J. Parasitol. 38:277-288. Ref. Aug.1952. 448.8 J824

84920 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON TRANSMISSIBLE DISEASES OF POULTRY. Report. U.S. Livestock Sanit. Assoc. Proc. 55:187-191. Ref. 1951,pub.1952. 49.9 Un3R
H. Van Roekel, chairman.

84921 VAN NESS, G. Turkey disease control measures. Fla. Poultry & Dairy J. 18(8):4,11. Aug.1952. 47.8 F66

84922 VENZKE, W. G. Morphogenesis of the thymus of chicken embryos. Amer. J. Vet. Res. 13:395-404. Ref. July 1952. 41.8 Am3A

84923 WALKER, R. V. L. Newcastle disease. Canad. J. Compar. Med. 16:260-264. July 1952. 41.8 C162

84924 WARREN, C. Heavy mortality of layers experienced in the East; heat wave responsible. Coop. Poultryman 17(8):12. Aug.1952. 47.8 C782

84925 WEHR, E. E. Recent studies on transmission of Capillaria spp. of poultry, with special reference to C. contorta. (Abs.) J. Parasitol. 38(4,sect.2):17. Aug.1952. 448.8 J824

84926 WEST, J. L. Simultaneous vaccination of chickens with laryngotracheitis and fowl pox viruses by way of the cloaca. Cornell Vet. 42:316-327. Ref. July 1952. 41.8 C81

84927 WOLFF, E., and HAFFEN, K. Sur l'intersexualité expérimentale des gonades embryonnaires de canard, cultivées in vitro. Arch. d'Anat. Micros. et de Morph. Expt. 41:184-207. Ref. 1952. 444.8 Ar21

84928 WOLLAN, G. C., and HERRICK, C. A. The answer to coccidiosis in poultry? Better Farming Better Living, Summer 1952:10-11. 6 B464

84929 WORDEN, A. N. Functional anatomy of birds. 8-14. Cage Birds 101:527,552,571,594; 102:29,75,97. May 29-June 19,July 10,24-31,1952. 413.8 C11C

84930 ZANGERLE, O. Uber darmveränderungen bei chronischer hühnerpest. Berlin. u. Münch. Tierarztl. Wchnschr. 65:148-149. Aug.1952. 41.8 B45

Miscellaneous

84931 ALLCROFT, W. M. Incubation and hatchery practice. Gt. Brit. Min. Agr. & Fisheries. B. 148,62 p. Ref. 1952. 10 G794B

84932 ALP, H. H. Culling now or later. Hoard's Dairyman 97:699. Aug.25,1952. 44.8 H65
Poultry.

84933 BARTSCH, F. Die verjüngung des hühnerbestandes. Tierzucht 6:95-98. Mar.1952. 49 T443

84934 BLACK, D. J. G. Selling out in spring; the pros and cons of keeping pullets for their first winter's eggs only and then disposing of them for table. Farmer & Stock-Breeder Ybk. 76:233-236. 1952. 49 F22

84935 BLOUNT, W. P. Winter egg production. N. Z. Poultry World 15:148-150. May 1952. 47.8 N11
Includes feeding, and use of artificial light.

84936 BOBBY, F. C., and BELWORTHY, R. 4000 eggs in 48 weeks exceeded for first time by pen of pullets in breeders' laying trial. New Zeal. J. Agr. 84:443-445. June 16,1952. 23 N48J

84937 BOHREN, B. B. Seasonal variations must be considered when selecting pullets for adequate egg weight; Hatchery & Feed 26(8):50-52. Aug.1952. 47.8 H28

84938 BOHREN, B. B., RAPP, G. D., and ARVIDSON, R. B. Increase in pullet egg size as a factor in selection. Ind. Agr. Expt. Sta. B. 574,22 p. Ref. May 1952. 100 In2P

84939 CECIL, L. Staving off the unwanted moult. Mod. Poultry Keeping 66:704-705. June 25,1952. 47.8 Eg3

84940 CHIGI, A. Poultry raising is not easy. (In Italian.) Agricoltura 1(6):19-22. June 1952. 16 Ag8226
English summary.

84941 CLARK, T. B. New poultry farm. W. Va. Agr. Expt. Sta. B. 349(3):3. June 1952. 100 W52

84942 COLES, R. More birds for the table. Farmers Wk. [London] 37(7):55. Aug.15,1952. 10 F2226
In Great Britain.

84943 COLLINS, A. E. Ducks, and how to keep them. Victorian Poultry J. 38(9):13,15;(10):21,23;(11):37-39. (Cont.) Apr.-June 1952. 47.8 V662

84944 COMBERG, E. Beachtenswertes bei der kückenaufzucht. Tierzucht 6:130-134. Apr.1952. 49 T443

84945 COMBERG, E. Richtiges schlachten von geflügel. Tierzucht 5:290-293. Sept.1951. 49 T443

84946 COPE, T. S. Labor savers are the rule. Pacific Poultryman 56:37-38. Jan.1952. 47.8 P112

84947 CORTIGUERA, J. A. Los rayos infrarrojos en la crianza artificial de pollitos. Agricultura [Madrid] 21:321-323. June 1952. 15 Ag84

84948 CRUZ, C. F. DE LA, FRONDA, F. M. A comparative study of three methods of brooding ducklings. Philippine Agr. 35:47-51. June 1951. 25 P542

84949 DUGOVICH, W. How a chick hatches. Pacific Poultryman 56:5,42. Jan.1952. 47.8 P112

84950 DU TOIT, O. Battery hen is perfectly happy. (In Afrikaans.) Landbouweekblad 34(1719):22-23. June 25,1952. 24 L232

84951 DUTTLINGER, E. Bäuerliche geflügelhaltung; die hitze und die hühner. Grüne 80:764-765. July 11, 1952. 17 Sch9

84952 EISEN, H. Batteries—cafeteria or static for the small operator. Natl. Util. Poultry Soc. Poultry Guide & Ybk. 55:35-36. 1952. 47.9 N216

84953 ERASMUS, J. E., and LIEBENBERG, C. R. Weight losses in table poultry. Farming So. Africa 27: 295-297. May 1952. 24 So842
Weight loses in the slaughtering process.

84954 FRIEDMAN, M. Notes on the growing of chicks. Hassadeh 32:339-340. Apr.1952. 26 H27
In Hebrew.

84955 FRITZSCHE, K. Die grundlagen der wirtschaftsgeflügelzucht in USA. Berlin. u. Münch. Tierärztl. Wchnschr. 65:129-134. July 1952. 41.8 B45

84956 FRONDA, F. M., and SIMON, A. A. The possible use of various characters in sexing newly hatched Los Baños Cantonese chicks. Philippine Agr. 35:16-24. June 1951. 25 P542

84957 GERICKE, A. M. The poultry industry fron the time of Jan van Riebeeck. (In Africaans.) S. A. P. A. Poultry B. 16(175):5,7,9. Apr.1952. 47.8 So89
History in South Africa.

84958 GOODE, C. W. Poultry on the general farm. Ed. 5. Gt. Brit. Min. Agr. & Fisheries. B. 8,35 p. 1952. 10 G794B

84959 GRANT, A. P. F. Table poultry (chicken and hens). Natl. Util. Poultry Soc. Poultry Guide & Ybk. 55: 11-12. 1952. 47.9 N216

84960 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Laying cages. Gt. Brit. Min. Agr. & Fisheries Adv. L. 387,7 p. May 1952. 10 G79La

84961 HALBROOK, E. R. Make money with built-up litter. N. H. Breeder & Broiler Grower 15(2):20-23. July 1952. 47.8 N45

84962 HART, F. H. Housing laying poultry in cages. Australas. Poultry World 23(11):41,43,45. June 5,1952. 47.8 Au72

84963 HARTMANN, G. Die kunstbrut beim geflügel. Tierzucht 6:93-95. Mar.1952. 49 T443

84964 HASELAUER, S. Wann sollen wir brüten? Österr. Kleintierzüchter 13/14:104. July 1952. 49 Os7

84965 HIBBERT, G. Hatcheries in Great Britain. S. A. P. A. Poultry B. 16(175):11,23. Apr.1952. 47.8 So89

84966 HITCHCOCK, H. B. Airplane observations of homing pigeons. Amer. Philos. Soc. Proc. 96:270-289. Ref. June 20,1952. 500 P533

84967 HORSFALL, T. H. S. Turkeys for the smallholder. Natl. Util. Poultry Soc. Poultry Guide & Ybk. 55:28-30. 1952. 47.9 N216

84968 KIRKPATRICK, N., and GULLIFORD, J. H. Egg Laying Competition at Hawkesbury Agricultural College, Richmond; fiftieth year's results, 1951-52. Agr. Gaz. N. S. Wales 63:270-273. May 1952. 23 N472

84969 KOCH, M. Können die dorfschulen zur förderung der geflügelwirtschaft beitragen? Deut. Wirtgeflugelzucht. 4:508-509. July 26,1952. 47.8 D483

84970 LAPORTE, E. V. Conseils pratiques sur l'aviculture. B. Agr. 2(4):18-20. July 1952. 8 B87

84971 MEHNER. Die vereinheitlichung der leistungsprüfungen in der geflügelzucht. Deut. Wirtgeflugelzucht. 4:505-507. July 26,1952. 47.8 D483

84972 MEHNER, A. Kukenaufzucht auf altem geflügelmist. Berlin. u. Münch. Tierärztl. Wchnschr. 65:134-135. July 1952. 41.8 B45

84973 MESEROLL, W. S., JR. Why put all your eggs in one basket? N. J. Farm & Gard. 23(8):38-39. Aug. 1952. 6 G162
Poultry farm management.

84974 MILLER, J. P. Making built-up litter work. Pacific Poultryman 56(8):9,51-53. Aug.1952. 47.8 P112

84975 MONASENKO, V. V. Leading poultry farm of Krasnye Ogni Collective Farm [in Sorochinskii District, Chkalov Region]. (In Russian.) Sotsialist. Zhivotnovod. 14(2):84-86. Feb.1952. 49 So71

84976 MONREAL, J., PREIS, H., and DIECKMANN, M. Erfahrungen in der batterieaufzucht der küken. Deut. Wirtgeflügelzucht. 4:493-396. July 19,1952. 47.8 D483

84977 MOORE, A. C. This system of pullet grading ensures more even growth. Poultry 110:374. June 10, 1952. 47.8 P869

84978 NAETHER, C. Keeping pigeons in condition. All-Pets Mag. 23(7):80-82. July 1952. 48.8 AL5

84979 NARCISSE, T. Les problèmes de l'aviculture en Haiti. B. Agr. 2(4):1-6. July 1952. 8 B87

84980 NATIONAL UTILITY POULTRY SOCIETY. Poultry guide and year book, 55th year—1952. West Moors, Dorset,1952. 96 p. 47.9 N216

84981 PAIEMENT, R. J. Comment améliorer la ponte d'été. Ferme 13(10):31-34. June 1952. 7 F38

84982 PHILIP, G. Sélectionnez vos pondeuses. Terre d'Oc 34:197-198. May 1952. 14 Ar5

84983 PIJOAN Y GRAU, M. La avicultura en el mundo.-Francia avícola. Valencia Avíc. 9(1):31-32; (2):27-29. (Concl.) Feb.-Mar.1952. 47.8 V23

84984 PIJOAN Y GRAU, M. Una nueva aportación a la economía avícola. Ceres [Valladolid] 17(193):25,27. July 1,1952. 15 C33
An apparatus for recording the egg production of poultry

84985 PLANK, G. M. VAN DER. Theoretical basis and practical application in poultry raising. (In Dutch.) Tijdschr. v. Diergeneesk. 77:553-565. Aug.1,1952. 41.8 T431

84986 POULTRY CLUB. Year book, 1952. Haslemere,Surrey?1952. 112 p. 47.9 P866

84987 POWELL-OWEN, W. The backyarder and D.P. K. movement. Poultry Club. Ybk. 1952:16-19. 47.9 P866
Domestic Poultry Keepers, England.

84988 RAGIONIERI, C. Can Italy develop a big poultry industry? (In Italian.) Allevatore 8(26):1-2. June 29,1952. 49 AL55

84989 SAVEL'EV, I. K. Effect of prolonged field maintenance of hens on the productive characteristics of the offspring. (In Russian.) Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(5):42-47. 1952. 20 Ak1

84990 SCHOLZ, J. Die aufzucht unserer junghennen bis zum legebeginn. Tierzucht 6:203-207. June 1952. 49 T443

84991 SCHOLZ, J. Wirtschaftliche gansezucht Tierzucht 6:25-27. Jan.1952. 49 T443

84992 SMILEVSKI, S. Before the beginning of chick hatching season. (In Serbo-Croatian.) Socijalisticko Zemjodelstvo 4:48-52. Jan./Feb.1952. 280.28 So7
Yugoslavia.

84993 SMITH, R. M., and ANDREWS, L. D. The influence of producing sexes separately on growth, feed utilization, and dressed grade of broilers. Amer. Egg & Poultry Rev. 14(5):78-79. May 1952. 47.8 Am38

84994 STACEY, C. G. Built-up litter. Accredited Poultry Breeders' Fed. Eng. & Wales. News Serv. 25:10-11. Autumn 1951. 47.8 Ac2

84995 STACEY, C. G. The management of the growing stock. Accredited Poultry Breeders' Fed. Eng. & Wales. News Serv. 28:9-10. Summer 1952. 47.8 Ac2
Care and feeding.

84996 STEINKOPFF, U., and STIETZ, M. Gänseaufzucht unter besonderer berücksichtigung verschiedener möglichkeiten ihrer verwertung. Tierzucht 6:168-170. May 1952. 49 T443

84997 STEWART, G. Broiler we want vs. broiler that's most practical. Fla. Poultry & Dairy J. 18(8):5,14. Aug.1952. 47.8 F66

84998 U. S. BUR. OF ANIMAL INDUSTRY. Hatcheries and dealers participating in the National Poultry Improvement Plan. U. S. Bur. Anim. Indus. A. H. D. 36(sup.7), 4 p. June 30,1952. 1.9 An52A H

84999 VINCENT, G. Production et mise sur le marche du poulet de gril. Avicult. Basse-Cour 7(6/7):5-10. June/July 1952. 47.8 Av55

85000 WATSON, R. C. Turkey all the year round. Farmer & Stock-Breeder Ybk. 76:229-232. 1952. 49 F22

85001 WHITTLE, T. There's still something to be got out of poultry. Poultry Field 5(6):22-24. (Cont.) July 31,1952. 47.8 P8655
Great Britain.

RABBITS

Breeds and Breeding

85002 CHERRIER, E. Breeding Angoras. Angora Rabbit Mag. 7(2):3. June/July 1952. 40.28 An42

85003 DIETRICH, I. W. Rabbits: selecting the right doe. All-Pets Mag. 23(6):90,92. June 1952. 48.8 AL5

85004 HOUT, F. VAN. The preservation of the intense blue color of the blue Beveren rabbit. (In Flemish.) Cult. en Handel 18:413. (Cont.) July 1952. 80 C892

85005 HULBERT, D. I. Angoras for wool and meat. Angora Rabbit Mag. 7(2):6. June/July 1952. 40.28 An42

85006 KEDDIG, K. Rückblick und ausblick. Deut. Kleintier-Züchter. Ausg. Kaninchen 7(14):11-12. July 20, 1952. 40.28 D48
Chiefly on breeding of rabbits.

85007 KENDALL, K. A., and HAYS, R. L. The incidence of a sterility syndrome in the rabbit fed soybean hay and the failure of certain supplements to alleviate the symptoms. (Abs.) J. Dairy Sci. 35:498. June 1952. 44.8 J822

85008 KOCH, A. Die rassewahl in der kaninchenzucht. Deut. Kleintier-Züchter. Ausg. Kaninchen 7(14): 4-7. July 20,1952. 40.28 D48

85009 KURBATOV, A. D. Definite change in the heredity of rabbits which were developed in mothers from other breeds. (In Russian.) Uspekhi Sovrem. Biol. 33: 466-471. May/June 1952. 442.8 Er3

85010 MAY, J. H. For Angora buyers. Angora Rabbit Mag. 7(2):2. June/July 1952. 40.28 An42

85011 POLO JOVER, F. El conejo Moro o de Penaguila. An. de Econ. Pecuaria 1(2):27-31. Apr.1952. 41.9 An1
English summary.

85012 SAWIN, P. B., and CURRAN, R. H. Genetic and physiological background of reproduction in the rabbit. I. J. Expt. Zool. 120:165-201. Ref. June 1952. 410 J825

Feeds and Feeding

85013 BALKENOHL, T. Soll man kraftfutter reichen? Deut. Kleintier-Züchter. Ausg. Kaninchen 7(14):8. July 20,1952. 40.28 D48
Feeding rabbits.

85014 HARING, F., and GRUHN, R. Der grössenwuchs als massstab für wachstums-rhythmus, futteraufwand und schlachtwert, untersucht an verschieden grossen kaninchenrassen. 1. Arch. f. Tierernähr. 2: 177-190. Sept./Dec.1951. 389.78 Ar22

85015 TEMPLETON, G. S. Feeding and managing for fryer production. Amer. Rabbit J. 22:100-103. July 1952. 40.28 Am3

85016 TEMPLETON, G. S. Rabbits and the fur eating habit. Calif. Rabbit News 13(3):16-17. June 1952. 40.28 C12
Correction through feeding.

85017 TEMPLETON, G. S. Rations for domestic rabbits. Feed Age 2(8):22-25. Aug.1952. 389.78 F327

85018 URBANYI, L. Der wasserbedarf des kaninchens und sein wechsel nach aufnahme von sauren bzw. alkalischen nahrstoffen. (In Hungarian.) Acta. Vet. 1: 347-352. 1951. 41.8 Ac83
German summary.

Veterinary Medicine

85019 CHARONNAT, R., and LECHAT, P. Les variations spontanées de la température du lapin au cours de la journée. Soc. de Biol. Compt. Rend. 146:386-388. Mar.1952. 442.9 P21

85020 CROSS, B. A. Nursing behaviour and the milk ejection reflex in rabbits. J. Endocrinol. 8:275-276. July 1952. 448.8 J8293

85021 FENNER, F., DAY, M. F., and WOODROOFE, G. M. The mechanism of the transmission of myxomatosis in the European rabbit (Oryctolagus cuni-culus) by the mosquito Aedes aegypti. Austral J. Expt. Biol. & Med. Sci. 30:139-152. Ref. Apr.1952. 442.8 Au7

85022 LUND, E. E. Self-cleaning versus semi-solid floors. Amer. Rabbit J. 22:106-107. July 1952. 40.28 Am3
Sanitation and coccidiosis control.

85023 MCDONALD, L. E., and others. The response of the rabbit uterus to instillation of semen at different phases of the estrous cycle. Amer. J. Vet. Res. 13:419-424. July 1952. 41.8 Am3A
W. G. Black, S. H. McNutt, and L. E. Casida, joint authors.

85024 MCKERCHER, D. G. Infectious myxomatosis. I-II. Amer. J. Vet. Res. 13:425-429. July 1952. 41.8 Am3A
I, Vaccination, II, Antibiotic therapy.

85025 RAND, M., and REID, G. On the presence in rabbit serum of thrombotonin (thrombocytin or serotonin). Austral J. Expt. Biol. & Med. Sci. 30:153-161. Ref. Apr.1952. 442.8 Au7

85026 RAVAIOLI, L., and NEGRI, R. Antigens killed with antibiotics and formol in the production of brucella agglutinating antibodies. (In Italian.) Ist. Super. di Sanit. Rend. 15.188-194. 1952. 449.9 R66
English summary.
Immunity reaction of rabbits.

85027 REAGAN, R. L., and others. Morphological observations by electron microscopy of "B" virus after propagation in the rabbit. Cornell Vet. 42:328-331. July 1952. 41.8 C81
D. M. Schenck, M. P. Harmon, and A. L. Brueckner, joint authors.
Paralysis produced.

85028 SANDFORD, J. C. Domestic rabbits, the healthiest of all livestock. Fur & Feather 115:475-476. July 24,1952. 49 F96

85029 SCHEUNERT, A., and ZIMMERMANN, K. Bakterielle synthese im blinddarm und koprophagie beim kaninchen. Arch. f. Tierernähr. 2:217-222. Ref. Jan./Feb.1952. 389.78 Ar22

85030 UNSWORTH, K., and NESBITT, P. E. Studies on Trypanosoma vivax. II. The maintenance of a strain in rabbits. Ann. Trop. Med. & Parasitol. 46:85-91. May 1952. 448.9 L75A

Miscellaneous

85031 GRICE, C. R. Why keep records. Calif. Rabbits Mag. 16:5. Aug.1952. 40.28 Sa5

85032 METTE, J. Brain storm, huh? In defense of F.F.A. participation in rabbit projects. Natl. Rabbit Raiser & Poultry Grower 19(11):36,38. July 1952. 40.28 R11

85033 MILLER, J. 4-H rabbit projects face judging problems. Better Farming Methods 24(8):26,28. Aug.1952. 58.8 B46

85034 SANDFORD, J. C. How America makes rabbit farming pay. Fur & Feather 115:491. July 31,1952. 49 F96
Management.

85035 WHITWORTH, E. V. Shearing your Angoras. Amer. Rabbit J. 22:98-99. July 1952. 40.28 Am3

SHEEP AND GOATS

Breeds and Breeding

85036 APARICIO SÁNCHEZ, G. Estudio sobre el núcleo inicial de cabras de raza Granadina del Centro de Selección de Priego. Arch. de Zootec. 1:58-74. 1952. 49 Ar22
English summary.

85037 ARCULARIUS. Schafe und wolle unter wechselnden klimatischen verhältnissen und die entwicklungslehre. Tierzucht 5:309-312. Oct.1951. 49 T443

85038 BADRELDIN, A. L., OLOUFA, M. M., and EL-LABBAN, F. M. Some wool characteristics of the Ossimi sheep. J. Anim. Science 11:591-598. Ref. Aug.1952. 49 J82

85039 BASTO, M. Speaking of Karakul-. (In Portuguese.) Lavoura 56:14-15. May/June 1952. 9.2 L39
Sheep.

85040 BETTINI, T. M. On some causes of variations in the length of lactation and of milk production in Sarda sheep. (In Italian.) Riv. de Zootec. 25:116-123. Ref. Apr.1952. 49 R52

85041 BOYLAN, W. J. Targhee sheep made-to-order for the range. Sheep & Goat Raiser 32(10):38-39. July 1952. 45.8 Sh3

85042 BRADLEY, M., and DYER, A. J. Sheep; a comparison of early and late lamb production systems. Corn Belt Livestock Feeder 4(10):13. July 1952. 280.38 C81

85043 BRATANOV, K. The experiments in inter-species hybridization of sheep and goats. (In Bulgarian.) Bulgarska Akad. na Nauk. Inst. po Eksper. Vet. Med. Izv. 1:224-227. 1951. 41.9 B87
Russian summary.

85044 CALVO, C. A. Adaptation of stock to environment and improvement of breeds by crossing. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 399-407. 1949,pub.1951. 279.9 Un32P
Sheep breeding in Argentina.

85045 COLEMAN, J. M., and GODLEE, A. C. Early lamb production on irrigated pastures. Agr. Gaz. N. S. Wales 63:228. May 1952. 23 N472
Breeds most suitable to very early lamb production.

85046 GLEMANN, A. Betrachtungen zur schafzucht in Brandenburg. Tierzucht 6:158-162. May 1952. 49 T443

85047 GOMEZ LAPEYRE, M. La raza Karakul. Res 20:27081-27082. June 21,1952. 286.85 R31

85048 GOOT, H. Studies on some New Zealand Romney Marsh stud flocks. VI-VII. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 34:97-116. Ref. June 1952. 514 N48A

85049 KELLEY, R. B. Selection of techniques for improvement of sheep. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:397-399. 1949,pub. 1951. 279.9 Un32P
Breeding.

85050 KOROTKOV, A. I. Oxidation-reduction potential of environment in [ram] spermatozoa storage and vitality of offspring. (In Russian.) Zhur. Obshch. Biol. 13:122-138. Ref. Mar./Apr.1952. 442.8 Z6

85051 LITOVCHENKO, G. R. Problems and prospects of crossing in increasing productivity of sheep raising. (In Russian.) Sovet. Zootekh. 7(3):9-22. Mar. 1952. 49 So822

85052 LIUBAVSKII, A. V. Breeding TSigai sheep at Orlovskii Pedigree Farm [in Rostov Region]. (In Russian.) Sotsialist. Zhivotnovod. 14(2):61-64. Feb.1952. 49 So71

85053 MILIK, L. Organization of work of sheep breeding on state farms. (In Serbo-Croatian.) Socijalisticko Zemjodelstvo 4:17-28. Jan./Feb.1952. 280.28 So7
Yugoslavia.

85054 MUÑOZ, A. A. La cabra granadina. Campo [Tacuba] (ser.2)20(722):20,22-26,28-32,34. Apr.30, 1952. 8 C157

85055 PACKARD, A. W. New Zealand Corriedales bound for the U. S. A. Natl. Wool Grower 42(8):22. Aug.1952. 45.8 N21N

85056 PALIAN, B. The work on pedigreeing sheep in Bosnia and Herzegovina (In Serbo-Croatian.) Stočarstvo 6:130-135. Mar.1952. 43.8 St6

85057 PUEYRREDON, G. A. The Corriedale. (In Portuguese.) Lavoura 56:47-50. May/June 1952. 9.2 L39

85058 RALSTON, D. New methods are introduced to the Karakul industry in Afghanistan. West. Live Stock 37(12):48,53-55. July 1952. 49 W523

85059 ROBERTS, E. N. Prolificacy of the Merino. Merino Breeders' J. 13(3):4,6. July 1951. 45.8 So8

85060 RUBIO PAREDES, J. Tipos de oreja y su herencia, en la cabra. Arch. de Zootec. 1:24-39. 1952. 49 Ar22
English summary.

85061 SACCO, P. Saanen and Toggenburg goats. (In Italian.) Mondo Agr. 3(24):6. June 15,1952. 16 M74

85062 SALCINES LOPEZ, J. L. El rizo en el ovino Karakul. B. de Zootec. 8:121-128. Apr.1952. 41.9 So16

85063 SALVAT, P. L'insémination artificielle dans les espèces ovine et caprine. France. Min. de l'Agr. B. Tech. d'Inform. 71:407-409. July 1952. 14 F844B

85064 SARAZÁ ORTIZ, R. Caprinotecnia—standards raciales. B. de Zootec. 8:105-113. Ref. Apr.1952. 41.9 So16

85065 SARAZÁ ORTIZ, R. Raza caprina Granadina. Arch. de Zootec. 1:103-202. Ref. 1952. 49 Ar22
English summary.

85066 SCHOTT, O. Sommer-, herbst-, winter- oder frühjahrslammung. Tierzucht 6:82-84. Mar.1952. 49 T443

85067 TAYLOR, J. B. Does the United States need Australian rams? Natl. Wool Grower 42(8):12-13,48-50, 52. Aug.1952. 45.8 N21N
Breeding.

85068 THIEMANN, W. Betrachtungen über den blutaufbau der Merinofleischschafzucht in Sachsen-Anh. unter besonderer berücksichtigung der verwandtschaftszucht. Tierzucht 6:17-19. Jan.1952. 49 T443

85069 TORTORELLI, N. Results obtained up to now in the work of selection of sheep of "Gentile di Puglia" breed. (In Italian.) Riv. di Zootec. 25:176-179. June 1952. 49 R52

85070 TRAUER, W. E. Lohnt die karakulzucht? Tierzucht 6:84-85. Mar.1952. 49 T443
Chiefly on care.

85071 VIEIRA, G. V. N. Brazilian flock book and its real purposes. (In Portuguese.) Granja [Porto Alegre] 8(60/61):82-84,86. Mar./Apr.1952. 9.2 G76
Sheep.

Feeds and Feeding

85072 ACCAME, F., and MEZA ZAPATA, A. Digestibilidad del heno de alfalfa en el ganado ovino. VI. Agronomia [Lima] 17(69):56-58. May/June 1952. 9.8 Ag83
English summary.

85073 ALTENKIRCH, W. Winterfütterung der schafe. Tierzucht 6:47-48. Feb.1952. 49 T443

85074 COOK, C. W., STODDART, L. A., and HARRIS, L. E. Determining the digestibility and metabolizable energy of winter range plants by sheep. J. Anim. Science 11:578-590. Ref. Aug.1952. 49 J82

85075 DAILY, H. Carrot oil. Better Goatkeeping 7: 1612-1614. June 1952. 40.18 B46
For goat feeding.

85076 DVIGANTSEV, V. I. On improving the utilization of winter pastures [in sheep feeding]. (In Russian.) Sotsialist. Zhivotnovod. 14(2):22-26. Feb.1952. 49 So71

85077 GALLUP, W. D., POPE, L. S., and WHITEHAIR, C. K. Value of added methionine in low-protein and urea rations for lambs. J. Anim. Science 11:572-577. Ref. Aug.1952. 49 J82

85078 GIANNOTTI, D. Effect of the provision of "Helichrysum italicum G.Don." on the quantity of vitamin C contained in sheep's milk. (In Italian.) Pisa. U. Facoltá di Med. Vet. Ann. 4:140-149. Ref. 1951. 41.9 P67
English summary.

85079 HOMB, T., and BREIREM, K. The use of fecal nitrogen as a measure of dry matter intake and of digestibility of organic matter in forage. J. Anim. Science 11: 496-500. Aug.1952. 49 J82
Dried timothy-clover mixture fed to sheep.

85080 JORDAN, R. M. Aureomycin supplements in lamb fattening rations. J. Anim. Science 11:566-571. Aug.1952. 49 J82

85081 JORDAN, R. M. Results of feeding "immature" corn—dried or undried. Corn Belt Livestock Feeder 4(10):4. July 1952. 280.38 C81
Fed to lambs.

85082 KELTON, E. Heavier mutton. Soil & Water Mag. 1(6):26-27. June 1952. 54.8 So3
Texas.

85083 LEÓN, A., and FERNÁNDEZ BACA, A. Ensayo experimental sobre engorde de corderos. Agronomia [Lima] 16(68):82-83. Nov.1951/Jan.1952. 9.8 Ag83

85084 LIGHT, M. R., and others. The effect of nutrition upon wool pigmentation. J. Anim. Science 11:599-604. Aug.1952. 49 J82
E. W. Klosterman, M. L. Buchanan, and D. W. Bolin, joint authors.

85085 MENDOZA, O. C. The growth, development, and feed consumption of artificially raised native kids. Philippine Agr. 35:95-99. July 1951. 25 P542

85086 OLCESE, O., HERRERA ARANGUENA, J. M., and CORONADO, J. M. Digestibilidad de los alimentos nacionales. VI-VII. Agronomia [Lima] 16(68):67-75. Nov.1951/Jan.1952. 9.8 Ag83
VI, La digestibilidad del maiz chala en el ganado ovino, by J. M. Herrera Aranguena; VII, La digestibilidad de las vainas del algarrobo en el ganado ovino, by O. Olcese and J. M. Coronado.

85087 ROCHA, G. L. DA., and others. Experiments on apparent digestibility of forage plants. (In Portuguese.) B. de Indús. Anim. (n.s.)12:119-129. Dec.1951, pub.1952. 49 R324
M. Becker, F. B. Botelho, and H. S. Correa, joint authors.
English summary.
Trials with sheep.

85088 ROCHA, G. L. DA., and others. Experiments on apparent digestibility of red molasses grass hay—Melinis minutiflora Pal. de Beauv. (In Portuguese.) B. de Indús. Anim. (n.s.)12:107-117. Dec.1951,pub.1952. 49 R324
L. de B. Machado, F. B. Botelho, and H. S. Corrêa, joint authors.
English summary.
Trials with sheep.

85089 SCHUMANN, K. Durch restlose ausnutzung des absoluten schaffutters erfüllung des fünfjahrplans. Tierzucht 5:281-283. Sept.1951. 49 T443

85090 SCHUMANN, K. Durch richtige fachgemässe fütterung im winter können wir unsere schafherden gesund erhalten und gute erfolge erzielen. Tierzucht 6:81-82. Mar.1952. 49 T443

85091 SLEN, S. B., and WHITING, F. Further observations on the effect of level of protein in the ration of the mature ewe on wool and lamb production. Sci. Agr. 32:375-379. July 1952. 7 Sci2

85092 WHITING, F., SLEN, S. B., and BEZEAU, L. M. The quantity and quality of mature ewes' milk as influenced by level of protein in the ration. Sci. Agr. 32:365-374. Ref. July 1952. 7 Sci2

Veterinary Medicine

85093 ALLEN, R. W., and JACKSON, P. K. Seasonal variation in acquisition of Thysanosoma actinioides by sheep. (Abs.) J. Parasitol. 38(4,sect.2):25. Aug.1952. 448.8 J824

85094 ANGELOV, S. La fièvre del Queensland chez l'homme en correlation avec la rickettsiose des animaux domestiques et plus specialment celle des chèvres. (In Bulgarian.) Bulgarska Akad. na Nauk. Mikrobiol. Inst. Izv. 2:3-28. Ref. 1951. 448.39 B87
French summary.

85095 BABUDIERI, B., and RAVAIOLI, L. Experimental infection of sheep with Coxiella burnetti. (In Italian.) Ist. Super. di Sanit. Rend. 15:195-214. 1952. 449.9 R66
English summary.

85096 BASSETT, E. G. Apparatus for continuous collection of urine from the grazing ewe. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 34:76-81. June 1952. 514 N48A
For measuring estrogen excretion.

85097 BERGE, S. Inherited form of photosensitization. (In Norwegian.) Norsk Landbr. 18:278-279. Aug. 1,1952. 11 N8122
Sheep.

85098 BIANCA, W. Der einfluss der alpung auf die körperentwicklung und die blutbeschaffenheit von jungziegen. II. Schweiz. Landwirt. Monatsh. 7:241-254. July 1952. 17 Sch93

85099 BLACK, S. L. Liver fluke disease of sheep. Agr. Gaz. N. S. Wales 63:255-260. (Cont.) May 1952. 23 N472

85100 BOOGAERDT, A. Caesarean section of sheep. (In Dutch.) Tijdschr. v. Diergeneesk. 77:573. Aug.1,1952. 41.8 T431

85101 BULL, L. B. Chronic copper poisoning in grazing sheep in Australia. Internatl. Vet. Cong. Rpt. 14 (3):39-42. 1949,pub.1952. 41.9 In844

85102 CAIRNEY, I. M. Guard against losses from germs. (In Afrikaans.) Wolboer 5(12):9. July 1952. 45.8 W83
Sheep disease control.

85103 CRAINE, E. M., and HANSEN, R. G. The short-chain fatty acids of the peripheral blood of goats. J. Dairy Sci. 35:631-636. Ref. July 1952. 44.8 J822

85104 DURBIN, C. G. Emetine hydrochloride for the treatment of lungworms in sheep and goats. (Abs.) J. Parasitol. 38(4,sect.2):34. Aug.1952. 448.8 J824

85105 DURBIN, C. G. Longevity of the liver fluke, Fasciola sp. in sheep. Helminthol. Soc. Wash. Proc. 19:120. July 1952. 436.9 H36

85106 EL-SHAZLY, K. Degradation of protein in the rumen of the sheep. 1-2. Biochem. J. 51:640-653. Ref. Aug.1952. 382 B52

85107 FOSTER, A. O., and others. Control of Nematodirus infections of lambs of free-choice administration of phenothiazine. (Abs.) J. Parasitol. 38(4,sect.2):14. Aug.1952. 448.8 J824
J. H. Turner, K. C. Kates, and L. R. Sinclair, joint authors.

85108 GALINDO, A. Epoca de cubrición en las ovejas Ceres [Valladolid] 17(193):37-38. July 1,1952. 15 C33

85109 GORDON, H. M. Anthelmintics and the control of helminth diseases of sheep. Internatl. Vet. Cong. Rpt. 14(2):71-80. Ref. 1949,pub.1952. 41.9 In844

85110 HAFEZ, E. S. E. Lactation in virgin she-goats. Experientia 8:274. July 15,1952. 475 Ex7

85111 HARBOUR, H. E., WHITTEN, L. K., and ALLAN, W. S. Post-dipping lameness in sheep. Internatl. Vet. Cong. Rpt. 14(2):106-112. 1949,pub.1952. 41.9 In844

85112 HENDERSON, J. A., FISH, N. A., and SCHRODER, J. D. Erysipelas in lambs. Canad. J. Compar. Med. 16:274-275. July 1952. 41.8 C162
Arthritis caused by Erysipelothrix rhusiopathiae.

85113 KRULL, W. H., and MAPES, C. R. Dicrocoelium dendriticum and its intermediate host. (Abs.) J. Parasitol. 38(4,sect.2):29-30. Aug.1952. 448.8 J824
Snails hosts of sheep liver fluke.

85114 KRULL, W. H., and MAPES, C. R. Studies on the biology of Dicrocoelium dendriticum (Rudolphi, 1819) Looss, 1899 (Trematoda: Dicrocoeliidae), including its relation to the intermediate host, Cionella lubrica (Müller), V. Notes on infections of Dicrocoelium dendriticum in Cionella lubrica. Cornell Vet. 42:339-351. July 1952. 41.8 C81

85115 KUIUMDZHIEV, I. Observations sur l'ecthyma contagieux des petits ruminants en Bulgarie. (In Bulgarian.) Bulgarska Akad. na Nauk. Mikrobiol. Inst. Izv. 2:89-96. Ref. 1951. 448.39 B87
French summary.

85116 LAFENETRE, H. La lutte contre la brucellose ovine et caprine en France. Internatl. Vet. Cong. Rpt. 14(2):187-192. 1949,pub.1952. 41.9 In844
English summary.

85117 LEVI, M. L. Preliminary observation on the use of ABR stained antigen in brucellosis of goats. (In Hebrew.) Refuah Vet. 9:14-16. Jan.1952. 41.8 R25
English summary, p. 36-35.

85118 LEWIS, F. A., and OLDS, R. J. Melioidosis in sheep and a goat in North Queensland. Austral. Vet. J. 28:145-150. June 1952. 41.8 Au72

85119 MARSH, H. Mastitis (bluebag) in ewes. Natl. Wool Grower 42(8):26. Aug.1952. 45.8 N21N

85120 MUKHERJEE, B. N. Bartonella in goats. Indian Vet. J. 28:343-351. Mar.1952. 41.8 In2

85121 MULLINS, J. Rickets in hoggets in winter. New Zeal. J. Agr. 84:463-464. June 16,1952. 23 N48T

85122 NAERLAND, G. Nutrition in relation to nematode parasitism in sheep. Internatl. Vet. Cong. Rpt. 14 (2):65-70. 1949,pub.1952. 41.9 In844

85123 PARNELL, I. W. The seasonal variations in the worm-egg counts and of the worm infestations of Scottish hill sheep. (Sum.) Vet. Rec. 64:438. July 26, 1952. 41.8 V641

85124 PATERNÓ, A. The silver-colored goats of Etna. (In Italian.) Riv. di Zootec. 25:180. June 1952. 49 R52

85125 PINO, N. The etiological value of horn rings of goats; contribution to the knowledge of age in Capra hircus. (In Italian.) Zootec. e Vet. 7:58-66. Mar.1952. 41.8 Z7

85126 ROBINSON, E. M. An outbreak of lamkruis in Merino lambs. So. African Vet. Med. Assoc. J. 23:25-26. Mar.1952. 41.8 So8

85127 STROGOV, A. K. Results of studying the acutely developing disease in goats in Stalingrad Region. (In Russian.) Veterinariia 29(5):29-31. May 1952. 41.8 V6426
Vibrion septique, the bacillus of malignant edema.

85128 THOMSON, G. G. Vaccination of sheep. Rur. Educ. B. 7:74-76. June 1952. 109 C162

85129 TUL'CHINSKAIA, V. P., and DEMCHENKO, A. V. Comparative data of allergic reactions in sheep affected with brucellosis on brucellysate and VIEV brucellohydrolysate. (In Russian.) Veterinariia 29(5): 22-24. May 1952. 41.8 V6426

85130 TURNER, J. H., and others. Influence of Haemonchus on the course of Nematodirus infections in lambs on pasture. (Abs.) J. Parasitol. 38(4,sect.2):13-14. Aug.1952. 448.8 J824
K. C. Kates, L. R. Sinclair, and A. O. Foster, joint authors.

85131 UNDERWOOD, E., and SHIER, F. L. The incidence of oestrus in ewes grazing on subterranean-clover pastures. Austral. Vet. J. 28:157-158. June 1952. 41.8 Au72

85132 VESOVIĆ, Z. When and how must the lambs be castrated and their tails docked. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(3/4):18-19. Feb.25,1952. 21.5 V87

85133 WARD, G. W. Hypocalcaemia and pregnancy toxaemia. Westralian Farmers Co-op Gaz. 22:233-236. Apr.1952. 280.28 W522
In sheep.

85134 WARD, G. W. Two diseases in the news. Westralian Farmers Co-op Gaz. 22:307-308. May 1952. 280.28 W522
Foot and mouth disease and scrapie in sheep.

85135 WHITLOCK, J. H. Mismanagement and the disease-prone lamb. Cornell Vet. 42:403-417. July 1952. 41.8 C81

85136 WILLOUGHBY, R. National Wool Growers' Association, and its influence in promoting control and eradication of scabies among sheep. U. S. Livestock Sanit. Assoc. Proc. 55:51-55. 1951,pub.1952. 49.9 Un3R

85137 WILSON, A. L. Anthelmintic dosing of sheep. (Sum.) Vet. Rec. 64:438. July 26,1952. 41.8 V641

Miscellaneous

85138 ASLANIAN, M. M. The mastership of shepherd, S. V. Kucharenko. (In Russian.) Sotsialist. Zhivotnovod. 14(2):65-66. Feb.1952. 49 So71
His method of raising sheep.

85139 BECKER, H. Wirtschaftliche schafhaltung durch leistungsprüfungen. Landwirtbl. Weser-Ems 99: 731-732. July 24,1952. 18 L2345

85140 BLIN, P. C. Sheep and shepherds in France. UFAW Cour. 6:9-15. Spring 1952. 48.8 Uf1

85141 BRAUNS, E. Milchschafhaltung—im schuppenstall. Tierzucht 6:86-87. Mar.1952. 49 T443

85142 BUCHHOLTZ, A., and SCHIRWITZ, G. Die milchschafe Sachsens in der leistungsprüfung. Tierzucht 5:277-281. Sept.1951. 49 T443

85143 DEGOIS, E. Elevage du mouton. Internatl. Vet. Cong. Rpt. 14(3):183-188. 1949,pub.1952. 41.9 In844
English summary.
As meat and milk producer in France and colonies.

85144 GAUHAROU. L'abatage des femelles ovines. Elevage et Cult. 4(42):12-13. June 1952. 24 EL2

85145 GRATTAN, G. A. Sheepshearing at the Manor. Estate Mag. 52:225-226. June 1952. 10 Es8

85146 GRISSOM, E. E., and NEWELL, P. F. Sheep management. Miss. State Col. Ext. P. 222,24 p. June 1952. 275.29 M68Ext

85147 KIBART, O. Schafschau in Cottbus. Tierzucht 5:350-352. Nov.1951. 49 T443

85148 KINGWILL, R. Competition for whole flocks. Wolboer 5(12):12. July 1952. 45.8 W83
Union of South Africa.

85149 MERTINS, S. Ist ein schafleistungsbuch notwendig? Tierzucht 6:49. Feb.1952. 49 T443

85150 MESTRE, L. Elevage en plein air et restauration sylvopastorale. Fed. Pyrén. d'Econ. Montagn. Ann. 13:95-100. 1952. 280.9 F312
Sheep raising in connection with forestry.

85151 MITIĆ, N. Handling of lambs in weaning period. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(8/9):9. May 1952. 21.5 V87

85152 MOYAL, M. Odyssey of the Alpine shepherd; every year men and beasts cross a 10,000 ft. pass into the mountain valleys of high Provence. Field 200:96-97. July 19,1952. 10 F45

85153 NISSEN, R. Aufgaben der schafhaltung im fünfjahrplan und möglichkeiten zu deren erfüllung. Tierzucht 6:119-124. Apr.1952. 49 T443

85154 NORRIS, T. C. Mothering lambs. Past. Rev. 62:591-592. June 16,1952. 23 Au75

85155 POPE, A. L. Does shearing lambs in summer pay? Wis. Coop. Wool Growers News 17(12):4,8. July 1952. 280.28 W882

85156 POURCEL, J. L'élevage ovin dans les Corbières et ses possibilités d'amélioration. Fed. Pyrén. d'Econ. Montagn. Ann. 13:113-119. 1952. 280.9 F312

85157 PROSKURA, A. Remarks on sheep shearing. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8 (8/9):5-8. May 1952. 21.5 V87

85158 RABANAL LUIS, M. Explotación del ganado lanar de aptitud lechera. B. de Divulg. Ganad. [Ciudad Real] 7(67/69):16-21. Jan./Mar.1952. 49.9 Sp14

85159 SAENGER, O. Der weg zu einer hutungsgemeinschaft. Tierzucht 6:196-198. June 1952. 49 T443
Of sheep.

85160 SCHOTT, O. Arbeiten des schäfermeisters und des vorstandes einer schafhütegemeinschaft vor dem weideaustrieb. Tierzucht 6:162-163. May 1952. 49 T443

85161 SCHOTT, O. Besichtigung von mecklenburgischen schafhütegemeinschaften. Tierzucht 6:34-35. Jan. 1952. 49 T443

85162 SCHOTT, O. Vorteile der hütegemeinschaft und praktische winke. Tierzucht 5:312-313. Oct.1951. 49 T443

85163 SCHOTT, O. Welche fehler und mängel sind bei den bestehenden schafhütegemeinschaften abzustellen? Tierzucht 6:15-17. Jan.1952. 49 T443

85164 SHEVKUN, I. A. Practices of the leaders in sheep raising on Kul'turnik Collective Farm [in Arzgirskii District, Stavropol Territory]. (In Russian.) Sotsialist. Zhivotnovod. 14(2):56-61. Feb.1952. 49 So71

85165 SINGH, G., and SHARMA, R. M. Improvement of sheep and wool at the Government Livestock Farm, Hissar. Indian Vet. J. 28:357-362. Mar.1952. 41.8 In2

85166 SINNETT, W. H., and PATTERSON, J. W. Sheep on every farm. Worcestershire Agr. Chron. 20: 197,199,201. June/Aug.1952. 10 W892

85167 SMALCELJ, I. Über die jahreszeitlichen verschiedenheiten der wollefeinheit bei den zackelschafen. (In Serbo-Croatian.) Biol. Inst. God. 3:225-232. Ref. 1950,pub.1951. 442.9 Sa73
German summary.

85168 THIEMANN, W. Ist ein schafleistungsbuch notwendig? Tierzucht 6:198-199. June 1952. 49 T443

85169 THIEMANN, W. Nochmals: richten und preisverteilung bei schafen. Tierzucht 5:352-353. Nov.1951. 49 T443

85170 TOOMBS, A. I make no butts about it. Nation's Business 40(8):37,54-55. Aug.1952. 286.8 N212
Goats.

85171 WHITE, R. G. Prospects for sheep. Farmer & Stock-Breeder Ybk. 76:73-76. 1952. 49 F22

SWINE

Breeds and Breeding

85172 DAVIDSON, H. R. Denmark's pig breeding methods. Farmer & Stock-Breeder 66(3276):46-47. Aug. 5/6,1952. 10 F228

85173 DICKERSON, G. E. Inbred lines for heterosis tests? In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.330-351. Ames,Iowa State Col. Press,1952. 443 G74
Swine.

85174 FAZIO, F. Factors influencing the fertility of sows. (In Italian.) Humus 8(5):13-16. May 1952. 16 H88

85175 HARING, F., and BORNEMANN, G: Fünf jahrzehnte deutsche edelschweinzucht. Tierzucht 5:303-309,347-350. Oct.-Nov.1951. 49 T443

85176 HOLST, S. The semen of sterile boars. Internatl. Vet. Cong. Rpt. 14(3):118-122. 1949,pub.1952. 41.9 In844
Includes discussion.

85177 LALEVIĆ, D. Development of body weight of swine of Resavka breed. (In Serbo-Croatian.) Stočarstvo 6:82-86. Feb.1952. 43.8 St6

85178 LAURANS, R., and MAULEON, P. L'insémination artificielle dans l'espèce porcine. France. Min. de l'Agr. B. Tech. d'Inform. 71:403-406. July 1952. 14 F844B

85179 MAKITA, N. Two breeds of swine in the Orient. (In Japanese.) Shizuoka U. Fac. Agr. Rpt. 1: 1-10. 1951. 107.6 Iw92
English summary.

85180 OBRITZHAUSER, W. "Leistungsprüfung in der schweinezucht" (eine literaturübersicht). Bundesanst. f. Alpine Landwirt. Veröffentl. 6:150-171. Ref. 1952. 19 Ad6

85181 QUAIFE, E. L. How to buy a boar. Successful Farming 50(8):43,90-91. Aug.1952. 6 Su12

85182 SAMPAIO, A. S. Swine breeding. (In Portuguese.) Seleç. Agr. 7(72):29-30. Apr.1952. 9.2 Se4

85183 SCHWEIZERISCHER ZUCHTVERBANDES FUR DAS VEREDELTE LANDSCHWEIN. Jahresbericht 1951. Grüne 80:768-774. (Concl.) July 11,1952. 17 Sch9

85184 VUČKOVIĆ, D. The status and the possibility of development of swine breeding industry in the raions of PFRY. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(1):26-35. Jan.1952. 21.5 So1

85185 WILKE, A. Tigerscheckung bei Cornwalls. Tierzucht 6:81. Mar.1952. 49 T443

Feeds and Feeding

85186 ACCAME, F., and others. Alimentación de cerdos en crecimiento. Agronomia [Lima] 16(68):84-85. Nov.1951/Jan.1952. 9.8 Ag83
A. Leon, J. R. Mendieta, and L. F. Rodriguez, joint authors.

85187 BEESON, W. M. The practical role of antibiotics in manufactured swine feeds. Grain & Feed J. Consolidated 109(3):34-35. Aug.13,1952. 298.8 G762

85188 BENESCH, F. Zur brunstausschaltung beim schwein durch retalonstäbchenimplantation. Wien. Tierärztl. Monatsschr. 39:393-396. July 1952. 41.8 T345
English summary.

85189 BLOUNT, W. P. The use of antibiotics in pig and poultry feedstuffs. Shropshire & Surrounding Co. Agr. News 16:65-66. Dec.1951/Feb.1952. 10 Sh8

85190 BRIDGES, J. H., DYER, I. A., and BURKHART, W. C. Effects of penicillin and streptomycin on the growth rate and bacterial count in the feces of pigs. J. Anim. Science 11:474-479. Ref. Aug.1952. 49 J82
As feed supplements.

85191 BUSSE, H. Grünfütterung und weidegang bei schweinen. Tierzucht 6:192-196. June 1952. 49 T443

85192 CATRON, D. V., and others. Vitamin B_{12} requirement of weanling pigs. II. J. Nutr. 47:461-468. July 10,1952. 389.8 J82
D. Richardson, L. A. Underkofler, H. M. Maddock, and W. C. Friedland, joint authors.

85193 COMBERG, G., and ROSENHAHN, W. Weitere untersuchungen über die verwendung von trockenhefe (sulfitablaugenhefe) in der schweinemast. Tierzucht 6: 115-117. Apr.1952. 49 T443

85194 CRANZ, K. L. Molke als schweinefutter. Tierzüchter 4:333-334. July 5,1952. 49 T445

85195 CURTIN, L. V., and others. Methionine as a supplement to soybean oil meal for weanling pigs. J. Anim. Science 11:459-464. Ref. Aug.1952. 49 J82
J. K. Loosli, J. P. Willman, and H. H. Williams, joint authors.

85196 DAVIDSON, H. R. Many mistakes are made. Farmer & Stock-Breeder 66(3274):39. July 22,1952. 10 F228
Lehmann system o. pig feeding.

85197 DYER, I. A., and others. Penicillin, lysine, methionine and fish solubles supplement a corn-degossypolized cottonseed meal ration for weanling pigs. J. Anim. Science 11:465-473. Ref. Aug.1952. 49 J82
J. T. Harrison, W. S. Nicholson, Jr., and A. E. Cullison, joint authors.

85198 FORBES, R. M., and HAINES, W. T. The riboflavin requirement of the baby pig. I. J. Nutr. 47: 411-424. July 10,1952. 389.8 J82

85199 FORBES, R. M., and HAMILTON, T. S. The utilization of certain cellulosic materials by swine. J. Anim. Science 11:480-490. Ref. Aug.1952. 49 J82

85200 FRENS, A. M. Changes in pig feeding. (In Dutch.) Netherlands. Dir. van de Landb. Landb. 13:131-145. 1951. 12 N384

85201 GRASHUIS, J. Swine feeding in practice. (In Dutch.) Netherlands. Dir. van de Landb. Landb. 13:146-155. 1951. 12 N384

85202 GREGORY, M. E., FORD, J. E., and KON, S. K. A vitamin B_{12}-binding factor in sow's milk. Biochem. J. 51:xxix. July 1952. 382 B52

85203 HARING, F., and GRUHN, R. Anwendung verschiedener methoden zur bestimmung des fett- und fleischanteils bei schweinen zur beurteilung des einflusses verschiedenartiger fütterung und abstammung auf die futterverwertung. Arch. f. Tierernähr. 2:223-231. Jan./Feb.1952. 389.78 Ar22

85204 HARING, F., GRUHN, R., and SCHAAF, A. Wirkung eiweissarmer fütterung auf mast- und schlachteigenschaften bei schweinen unterschiedlicher stoffwechselrichtung. Tierzucht 5:270-277,375-384. Sept.,Dec. 1951. 49 T443

85205 HIGGINS, S. H. Aprovechamiento de los rastrojos de arroz con puercos. Agr. Mod. 5(8):9. Mar. 1952. 6 Ag8

85206 HIRSCHMANN, R. Molkenverwertung im schweinestall. Deut. Molk.-Ztg. 73(31):inside front cover. Aug.1,1952. 44.8 Su2

85207 HOEFER, J. A., and others. The effect of terramycin on the growth of pigs fed different levels of protein. J. Anim. Science 11:455-458. Ref. Aug.1952. 49 J82
R. W. Luecke, F. Thorp, Jr., and R. L. Johnston, joint authors.

85208 HOFMANN, F., KURBS, AND KLEIBER. Schweinemastversuch mit 6 verschiedenen schweinerassen bei eiweissknapper fütterung. Tierzucht 6(3,sup.), 15 p. Mar.1952. 49 T443

85209 KEEPERS, W. F. Cutting the labor corners in hog raising. Breeder's Gaz. 117(6):6,21. June 1952. 49 B74
Mechanical feeding equipment.

85210 KRAACK. Die verwendung der roggenkleie in der schweinemast. Tierzucht 6:9-11. Jan.1952. 49 T443

85211 LAMONT, H. G Virus pneumonia of pigs. Vet Rec. 64:442-444. Ref. July 26,1952. 41.8 V641

85212 MEREGALLI, A. The importance of crude fiber in rations with regard to its influence on the utilization of feeds and on the activity of the digestive system in swine. (In Italian.) Riv. di Zootec. 25:181-185. June 1952. 49 R52

85213 MITCHELL, C. W. The rising tide of synthetic milk. Breeder's Gaz. 117(6):8,24-25. June 1952. 49 B74
Baby pig feeding.

85214 MOUSTGAARD, J., and THORBEK, G. Observations on the importance of pantothenic acid and pyridoxine to the protein metabolism of growing pigs. Internatl. Vet. Cong. Rpt. 14(3):63-71. 1949,pub.1952. 41.9 In844
Includes discussion.

85215 NIESCHLAG, F., and TEICHMANN, W. Beifütterung eines vitamin-antibiotika-präparates bei der mast von schweinen. Deut. Landwirt.-Gesell. Mitt. 67:518-519. July 19,1952. 18 N39

85216 OLOFSSON, N. E. Do swine need vitamins? (In Swedish.) Skand. Kreatursförsäkringsbol. Manadsbl. 30:80,83-84. June/July 1952. 49.9 Sk1

85217 PARTANEN, J. Sikatalouskoesasemalla tehtyjen eri sikakantoja vertailevien kokeiden tulokset v:lta 1949. Resultate der schweinemastkontrolle Finnlands im jahre 1949. Finland. Maatalouden Koetoiminnan Keskusvaliokunta. Valtion Maatalouskoet. Tiedonantoja 227,20 p. 1952. 20 F495T
German summary.

85218 PLACIDI, L. Présence au Maroc d'une infection porcine épizootique du type des pneumonies à virus. Inst. Pasteur. Ann. 83:141-142. July 1952. 448.3 An75

85219 RICHTER, K., and OSLAGE, H. J. Der animalprotein-faktor und seine wirkung in der schweinemast. Deut. Landwirt.-Gesell. Mitt. 67:419-420. June 7,1952. 18 N39

85220 ROBINSON, D. H. Choice of a root crop: fodder beet proved for pigs. Farmer & Stock-Breeder Ybk. 76: 89-91. 1952. 49 F22

85221 ROBISON, W. L. Soybean oil meal plus vitamin B-12 gives quicker gains for hogs. Ohio Farm & Home Res. [Ohio Sta.] 37:56-57,63. July/Aug.1952. 100 oh3S

85222 SINCOCK, R. L. Pigs bloom in clover. Wash. Farmer 77:609,619. Aug.7,1952. 6 R151

85223 STAHL, W., WIESNER, E,, and ZEMBKE, E. Ein orientierender fütterungsversuch mit "Beta-Mehl." Tierzucht 6:155-156. May 1952. 49 T443
Swine.

85224 TRAUTMANN, A., and MOCH, R. Fütterungsversuche mit "T-vitamin Goetsch" an absatz- und saugferkeln. Arch. f. Tierernähr 2:210-216. Jan./Feb.1952. 389.78 Ar22

85225 TRAUTMANN, A., and HILL, H. Vitamin B_{12}, animal-protein-faktor und antibiotica als wachstumsfaktoren, mit versuchen an schweinen. Arch. f. Tierernähr. 2:199-210. Ref. Jan./Feb.1952. 389.78 Ar22

85226 VAN WYK, H. P. D., and VERBEEK, W A. Cowpea hay and lucerne meal in pig rations. Farming So. Africa 27:285-288. May 1952. 24 So842

85227 WAHLSTROM, R. C., and others. Growth effect of various antibiotics on baby pigs fed synthetic rations. J. Anim. Science 11:449-454. Aug.1952. 49 J82
E. M. Cohn, S. W. Terrill, and B. C. Johnson, joint authors.

Veterinary Medicine

85228 ALDEBERT, J. C. Apropos de la peste porcine. Chambre d'Agr. de Casablanca. B. 23(253):11-12. May 1952. 24 C26

85229 BAY, W. W., DOYLE, L. P., and HUTCHINGS, L. M. Some properties of the causative agent of transmissible gastroenteritis in swine. Amer. J. Vet. Res. 13: 318-321. July 1952. 41.8 Am3A

85230 BENNETT, A. G. Control hog parasites. Miss. State Col. Ext. P. 239,4 p. June 1952. 275.29 M68Ext

85231 BENNETT, P. C. Some angles on atrophic rhinitis. U.S. Livestock Sanit. Assoc. Proc. 55:201-204. 1951,pub.1952. 49.9 Un3R

85232 BENSON, D. V. The value of inclusion bodies in the diagnosis of hog cholera. Amer. J. Vet. Res. 13: 304-308. Ref. July 1952. 41.8 Am3A

85233 BLAKEMORE, F. Swine influenza. Internatl. Vet. Cong. Rpt. 14(2):472-474. 1949,pub.1952. 41.9 In844

85234 BRAUDE, R., and MITCHELL, K. G. Observations on the relationship between oxytocin and adrenaline in milk ejection in the sow. J. Endocrinol. 8:238-241. Ref. July 1952. 448.8 J8293

85235 BRÍUSHININ, I. G., UMANETS, P. F., and ZHUCHKOV, A. K. Increasing swine productivity in the districts near the Dnieper. (In Russian.) Sotsialist. Zhivotnovod. 14(2):76-80. Feb.1952. 49 So71
Weight and measurement.

85236 CASSELBERRY, N. H., and WALKER, W. W. Tissue culture modified live virus hog cholera vaccine. U.S. Livestock Sanit. Assoc. Proc. 55:230-233. 1951,pub 1952. 49.9 Un3R

85237 CASTRO RAMIREZ, R. DE. La nueva vacuna contra el cólera porcino. Cuba Ganad. 12(10):19-20, June 1952. 49 C89

85238 CHEN, Y. K., and LEE, Y. C. Studies on the medical treatment of the roundworm in pig. (Report of investigation of pig parasite in China, America, and Japan is attached.) (In Chinese.) Agr. Res. 2(3):53-58. Sept.1951. 22.5 Ag823
English summary.

85239 DASQUE. La lutte contre la peste porcine. (Sum.) Porc 23(5):29-31. May 1952. 46.8 P822

85240 DOMINGUES, O. Good swine have good teats. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:198-200. May/June 1952. 9.2 R324

85241 DONATIEN, A. La peste porcine en Algerie. Internatl. Vet. Cong. Rpt. 14(2):409-412. 1949,pub.1952. 41.9 In844
English summary.

85242 DOYLE, T. M. Immunisation against swine fever. Internatl. Vet. Cong. Rpt. 14(2):397-404. Ref. 1949,pub.1952. 41.9 In844

85243 DUNNE, H. W., and others. A study of an encephalitic strain of hog cholera virus. Amer. J. Vet. Res. 13:277-289. Ref. July 1952. 41.8 Am3A
E. M. Smith, R. A. Runnells, H. J. Stafseth, and F. Thorp, Jr., joint authors.

85244 EDGAR, G., HART, L., and HAYSTON, J. T. Studies on the viability of the virus of swine fever. Internatl. Vet. Cong. Rpt. 14(2):387-391. 1949,pub.1952. 41.9 In844

85245 ELEK, P., and KERTAY, N. Versuche zur ausarbeitung einer schutzimpfungsmethode gegen die ansteckende schweinelähmung. Acta. Vet. 1:367-382. Ref. 1951. 41.8 Ac83

85246 ENSOR, C. R. Foot-rot, necrotic ulcers and jaws, and schirrous cords in pigs. New Zeal. J. Agr. 84: 491-492. June 16,1952. 23 N48J

85247 GENEST, P., and TREPANIER, M. Note sur un leiomyome chez une truie. Canad. J. Compar. Med. 16:271-273. July 1952. 41.8 C162

85248 GRAHAM, R. H. Infectious rhinitis. Canad. Swine 14(11):3-5. June 1952. 46.8 C16

85249 GROHMANN, A. Wichtige ursachen des ferkeldurchfalls und wege zur vorbeuge und bekämpfung. Tierzucht 6:156-158. May 1952. 49 T443

85250 HARVEY, M. J., and others Field trial studies with Rovac. U.S. Livestock Sanit. Assoc. Proc. 55:224-229. 1951,pub.1952. 49.9 Un3R
R. L. Burkhart, J. D. Leaming, R. C. Percival, C. R. Schroeder, and M. Welsh, joint authors.
Hog cholera vaccine.

85251 HELMBOLDT, C. F., and JUNGHERR, E. L. Further observations on the neuropathological diagnosis of hog cholera. Amer. J. Vet. Res. 13:309-317. Ref. July 1952. 41.8 Am3A

85252 HENRY, M. Swine fever—control and eradication. Internatl. Vet. Cong. Rpt. 14(2):392-396. 1949,pub. 1952. 41.9 In844

85253 HJARRE, A., BAKOS, K., and NORDBERG, B. K. Experimental investigation into swine influenza in Sweden with special regard to the etiological importance of haemoglobinophilic bacteria. Internatl. Vet. Cong. Rpt. 14(2):465-471. Ref. 1949,pub.1952. 41.9 In844

85254 HOFSTRA, S. T. Application of estrogen hormone (Foragynol) to control heat in pigs during the fattening period. (In Dutch.) Tijdschr. v. Diergeneesk. 77:566-570. Aug.1,1952. 41.8 T431

85255 IVANOV, K. On ulcerative changes of the prepuce in pigs and their etheogenesis. (In Bulgarian.) Bulgarska Akad. na Nauk. Inst. po Eksper. Vet. Med. Izv. 1: 42-56. 1951. 41.9 B87
Russian summary.

85256 IVANOV, K., and others. Untersuchungen über die morphologischen veränderungen bei der schweinepest. I-II. (In Bulgarian.) Bulgarska Akad. na Nauk. Inst. po Eksper. Vet. Med. Izv. 1:25-41,132-147. Ref. 1951. 41.9 B87
I, Veränderungen der leber, von K. Ivanov, M. Petrichev, und V. Zhelev; II, Veränderungen in den nieren, von K. Ivanov, V. Zhelev, und S. Trifonov.
German summary.

85257 JASKOSKI, B. J., and EGAN, T. P. Age resistance of swine ascarid [Ascaris lumbricoides suis]. (Abs.) J. Parasitol. 38(4,sect.2):34-35. Aug.1952. 448.8 J824

85258 JUSSIANT, A., and GASPARD, R. Note sur le traitement de l'agalaxie de la truie au moyen de l'extrait antéhypophysaire associé à la thyroïdine. Belgium. Min. des Colon. B. Agr. du Congo Belge 43:537-538. June 1952. 24 K83

85259 KERNKAMP, H. C. H.. Edema disease of swine. U.S. Livestock Sanit. Assoc. Proc. 55:205-210. 1951,pub.1952. 49.9 Un3R

85260 KILLINGER, A. H., and others. A hog cholera vaccine prepared from a rabbit-modified swine-propagated live virus. U.S. Livestock Sanit. Assoc. Proc. 55: 234-237. 1951,pub.1952. 49.9 Un3R
J. R. Dick, H. E. Pinkerton, and R. L. Williamson, joint authors.

85261 KOPROWSKI, H., JAMES, T. R., and COX, H. R. Laboratory studies and data on modified live hog cholera vaccine [Rovac]. U.S. Livestock Sanit. Assoc. Proc. 55:214-223. 1951,pub.1952. 49.9 Un3R

85262 LANGKAMP. Untersuchungen an rotlaufstämmen aus den tonsillen gesunder schlachtschweine. Berlin. u. Münch. Tierärztl. Wchnschr. 65:128-129. July 1952. 41.8 B45

85263 LARROUX, S. Les vaccins au crystal violet dans le controle de la peste porcine. Internatl. Vet. Cong. Rpt. 14(2):418-420. 1949,pub.1952. 41.9 In844
English summary.

85264 MENZANI, C. La maladie de Teschen (encéphalomilité enzootique du porc). Internatl. Vet. Cong. Rpt. 14(2):355-356. 1949,pub.1952. 41.9 In844
English summary.

85265 MICHALKA, J. Schweinepest (aktive immunisierung). Internatl. Vet. Cong. Rpt. 14(2):405-408. 1949, pub.1952. 41.9 In844
English summary.

85266 MORRILL, C. C., and SAMPSON, J. Studies on baby pig mortality. X-XII. Amer. J. Vet. Res. 13:322-329. Ref. July 1952. 41.8 Am3A
X, Influence of environmental temperature on fasting newborn pigs, by C. C. Morrill; XI, A note on the influence of fasting on body temperature, body weight, and liver weight of the newborn pig, by C. C. Morrill; XII, A note on the influence of ingestion of distilled water, physiological saline, and glucose solutions on fasting newborn pigs, by C. C. Morrill, and J. Sampson.

85267 PETERSEN, W. W. Determination of types of tuberculosis. (In Danish.) Andelsbladet 53:833-834. July 31,1952. 280.28 An2
Chiefly on the transmission of tuberculosis of swine.

85268 PINKERTON, H. E. Modified live virus hog cholera vaccine—M.L.V. Iowa State Col. Vet. 14:135-136. 1952. 41.8 V6425

85269 QUIN, A. H. Newer problems in swine diseases—control and treatment. Canad. J. Compar. Med. 16:265-270. Ref. July 1952. 41.8 C162
Atrophic rhinitis and gut edema.

85270 RAY, J. D. Hog cholera (swine fever). Internatl. Vet. Cong. Rpt. 14(2):413-417. 1949,pub.1952. 41.9 In844

85271 RUDOLF, J. Die Teschener krankheit und ihre diagnose. Internatl. Vet. Cong. Rpt. 14(2):351-354. 1949, pub.1952. 41.9 In844
English summary.

85272 SCHANG, P. J. La variole des porcelets, sa transmission par l'Haematopinus suis et sa profilaxie. Internatl. Vet. Cong. Rpt. 14(2):421-423. 1949,pub.1952. 41.9 In844
English summary.

85273 SCHRÖTER, A. Uber ferkelgrippe und ihre bekämpfung. Tierzucht 6:43-44. Feb.1952. 49 T443

85274 SHARMA, G. L., and others. A study of the pathology of the intestine and other organs of weanling pigs when fed a ration of natural feedstuffs low in pantothenic acid. Amer. J. Vet. Res. 13:298-303. Ref. July 1952. 41.8 Am3A
R. L. Johnston, R. W. Luecke, J. A. Hoefer, M. L. Gray, and F. Thorp, joint authors.

85275 SHORB, D. A. Antibiotics and their effect on parasitism in swine. (Abs.) J. Parasitol. 38(4,sect.2): 31-32. Aug.1952. 448.8 J824

85276 SIEGRIST, J. C., and GANNON, M. E. Atrophic or dystrophic rhinitis in Maryland. Md. Agr. Col. Ext. Fact Sheet 54,2 p. n.d. 275.29 M36Fa

85277 SPIRIN, K. F. Migration of ovicells in swine. (In Russian.) Zhur. Obshch. Biol. 13:246-248. May/June 1952. 442.8 Z6

85278 SPLITTER, E. J. Eperythrozoonosis in swine—filtration studies. Amer. J. Vet. Res. 12:290-297. July 1952. 41.8 Am3A

85279 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON PARASITIC DISEASES. Report. U.S. Livestock Sanit. Assoc. Proc. 55:56-62. 1951,pub.1952. 49.9 Un3R
B. Schwartz, chairman.
On swine parasites.

85280 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON TRANSMISSIBLE DISEASES OF SWINE. Report. U.S. Livestock Sanit. Assoc. Proc. 55:211-213. 1951,pub.1952. 49.9 Un3R
J. D. Ray, chairman.

85281 U.S. LIVESTOCK SANITARY ASSOCIATION. NATIONAL COMMITTEE ON ERADICATION OF HOG CHOLERA. Report. U.S. Livestock Sanit. Assoc. Proc. 55:238-244. 1951,pub.1952. 49.9 Un3R
L. M. Hutchings, chairman.
Includes discussion.

85282 VOGELSANG, E. G. Los suinos (cimarrones) y la propagación de enfermedades parasitarias y bacterianas. Rev. de Med. Vet. y Parasitol. 10:133-135. Jan./Dec.1951. 41.8 R3293
In Venezuela.

85283 WINTER, H. An improved swine erysipelas vaccine: a review of recent developments by European investigators. Cornell Vet. 42:380-388. Ref. July 1952. 41.8 C81

Miscellaneous

85284 BONSMA, F. N., and JOUBERT, D. M. The development of the South African pig industry. II. The place of the studbook organisation. Farming So. Africa 27:275-280. May 1952. 24 So842

85285 DICKEY, E. F. The role of pig hatcheries. Breeder's Gaz. 117(6):10,29. June 1952. 49 B74

85286 GRANT, R. The Danes have a whey with pigs. Grower [London] 38:162-163. July 26,1952. 286.83 M34
Methods of raising.

85287 KUPPELMAYR. 500 sauen im schweineleistungsbuch. Tierzucht 5:346-347. Nov.1951. 49 T443

85288 MILLER, E. C. Make a profit with hogs. Hog Breeder 27(8):4,12-17,20. Aug.1952. 46.8 H672

85289 PERRON, J. Tenez bon! B. des Agr. 34(7):9, 51. July 1952. 7 B872
Swine raising.

85290 RICHMOND, W. L., LANCASTER, R. M., and NEWELL, P. F. 4-H pig manual. Miss. State Col. Ext. P. 183,14 p. June 1951. 275.29 M68Ext

85291 SALA ROCA, E. Cría y comercialización del ganado porcino. Cult. Mod. 35:217-218. June 1952. 15 C89
Spain.

85292 SAMPAIO, A. S. Care of breeding swine. (In Portuguese.) Seleç. Agr. 7(73):41-42. May 1952. 9.2 Se4

85293 SCHNAPPERELLE, H. Die arbeitswirtschaftliche seite der schweinehütte. Tierzucht 6:79-80. Mar. 1952. 49 T443

85294 SMITH, D. M. Yield and composition of milk of New Zealand Berkshire sows. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 34:65-75. Ref. June 1952. 514 N48A

85295 TETZLAFF, F. Sanitation and hog raising. N. J. Dept. Health. Pub. Health News 33:153-158. Ref. May/June 1952. 449.7 N46P

85296 U. S. BUR. OF ANIMAL INDUSTRY. Care of sows pays in stronger pigs. More meat for defense. Washington,1951. 2 p. 1.972 A2M812

85297 USTINOV, V. G., and DONTSOV, I. I. Accelerated raising of swine on the collective farms in Kurganinskii District [Krasnodar Territory]. (In Russian.) Sotsialist. Zhivotnovod. 14(2):48-55. Feb.1952. 49 So71

85298 VENNER, K. Muck carting by pig. Farmer & Stock-Breeder 66(3277):42-43. Aug.12,1952. 10 F228
Keeping pigs on the leys throughout the year in England.

85299 VESTBIRK, P. Quality in bacon pigs: factors which make for the length, light fore-end, good hams and thin firm backfat of the ideal baconer. Farmer & Stock-Breeder Ybk. 76:77-80. 1952. 49 F22

85300 WEBBER, M. The expansion of the pig industry. Brit. Farmer 48:6. June 30,1952. 281.8 B77
Care.

85301 ZAVORAL, H. G. Pertinent pointers in pork production. Hormel Farmer 15(9):3,8. May 15,1952. 49 H782
Care and feeding.

ENTOMOLOGY

GENERAL

85302 BEAMENT, J. W. L., and WIGGLESWORTH, V. B. Respiratory mechanisms in insect eggs. (Abs.) Roy. Ent. Soc. London. Proc. Ser. C, J. Mtg. 16:37. 1951/52. 420 L84Pc

85303 BODENHEIMER, F. S., LOW, W., and ELIASH, Z. A note on the vision of the facetted eyes of insects. Israel. Res. Council. B. 2:79. June 1952. 330.9 Is72B

85304 BROWN, E. S. Mimicry as illustrated in the British fauna. New Biol. 10:72-94. Apr.1951. 442.8 J63
Includes insects.

85305 BRUNET, P. Periodic acid-Schiff reaction of the insect cuticle. Science 116:126. Aug.1,1952. 470 Sci2

85306 BUTUROVIĆ, A. Bibliographische beiträge zur kenntnis der höhlen und ihren fauna in Bosnien und der Hercegovina. (In Serbo-Croatian.) Biol. Inst. God. 4:95-110. Ref. 1951. 442.9 Sa73
German summary.

85307 CHEESMAN, L. E. Oriental origin of the Papuasian insect fauna. (Abs.) Roy. Ent. Soc. London. Proc. Ser. C, J. Mtg. 16:43. 1951/52. 420 L84Pc

85308 CHOPARD, L. Leçon inaugurale du cours d'entomologie. Mus. Natl. d'Hist. Nat. B. (ser.2)23:573-595. Dec.1951,pub.Mar.15,1952. 410.9 P213

85309 CONCI, C. Contribution to the knowledge of the cave fauna of Venezia Tridentina. (In Italian.) Soc. Ent. Ital. Mem. 30:5-76. Ref. 1951. 420 It1M

85310 EVANS, E. H. Camera trails. Nat. Mag. 45: 384-386. Aug./Sept.1952. 409.6 N214
Insect photography.

85311 FERRIS, D. H., and HANSON, R. P. A technique employing embryonating egg to test virus-transmitting ability of certain insect vectors. Cornell Vet. 42:389-394. July 1952. 41.8 C81

85312 GRANDORI, R., GRANDORI, L., and FACETTI, D. Selected toxic effects of Carbachol on some insect species. (In Italian.) B. di Zool. Agr. e Bachicolt. 17: 123-128. 1951. 423.92 B63

85313 HARINGTON, J. S. Insects and Arachnids collected in the Cango caves, South Africa and the Sinoia caves, Southern Rhodesia. Ent. Mon. Mag. 88:152-153. July 1952. 421 En86

85314 HINTON, H. E. New and little known adaptations to environments that are alternately dry and flooded. (Abs.) Roy. Ent. Soc. London. Proc. Ser. C, J. Mtg. 16: 26. 1951/52. 420 L84Pc

85315 HOLLANDE, A., CACHON, J., and VAILLANT, F. Recherches sur quelques larves d'insectes termitophiles (Muscidæ, Calliphoridæ, Œstridæ, Tineidæ, Melandryidæ). Ann. des Sci. Nat. Zool. et Biol. Anim. (ser.11)13:365-396. Ref. 1951,pub.May 1952. 410 An7
Includes new genera Paraplastocerus and Epistheto-soma.

85316 HUGGINS, H. C. Killing specimens for the cabinet. Ent. Rec. & J. Variation 64:222. July/Aug.1952. 421 En89

85317 KEVAN, D. K. M. A method of mounting genitalia, etc. for incorporation into collections of pinned insects. Ent. Rec. & J. Variation 64:195-197. July/Aug. 1952. 421 En89

85318 KIEFER, O. Was wird aus den insektensammlungen? Ent. Z. 62:25-27. May 15,1952 421 En85

85319 MIRIAKOFF, S. G. A propos de l'article de M. Caruel. "Les nouvelles règles de nomenclature." Lambillionea 51:61-62. Sept.25/Oct.25,1951. 420 N15

85320 KRIJGSMAN, B. J. Contractile and pacemaker mechanisms of the heart of arthropods. Cambridge Philos. Soc. Biol. Rev. 27:320-346. Ref. Aug.1952. 442.9 C14

85321 LELEUP, N. Réflexions sur l'origine probable de certains Arthropodes troglobies. Rev. de Zool. et de Bot. Africaines 45:210-221. Apr.25,1952. 410 R326

85322 LERMA, B. DE. Original critical notes on the comparative morphology of the frontal organs of arthropods. (In Italian.) Napoli. U. Ist. e Mus. di Zool. Annu. 3(1),25 p. Ref. Jan.1951. 410.9 N1622
English summary.

85323 MACFADYEN, A. The small arthropods of a Molinia fen at Cothill. J. Anim. Ecol. 21:87-117. Ref. May 1952. 410 J826

85324 MELIS, A. Dedication of the Italian National Academy of Entomology. (In Italian.) Redia 36:xxi-xxvii. 1951. 421 R241

85325 MICHIGAN. UNIVERSITY. MUSEUM OF ZOOLOGY. Report of the Director, 1950/51. Ann Arbor, 1952. 45 p. 410.9 M58A
Includes report of Division of Insects, p. 32-34.

85326 MILLER, K. W., and OWEN, J. A. A list of insects from the Island of Ulva. Scot. Nat. 64:31-37. July 1952. 410 Sco3

85327 MUMA, M. H. Insect types in the collections of the University of Nebraska State Museum. Nebr. U. State Mus. B. 3(8),35 p. Mar.1952. 500 N272

85328 OGNJEVA, S., and CIRIC, B. Deux cavernes de la Bosnie et Herzegovine. (In Serbo-Croatian.) Biol. Inst. God. 3:213-218. 1950,pub.1951. 442.9 Sa73

85329 PAVAN, M. Experimental research on the behavior of arthropods. II-III. (In Italian.) B. di Zool. Agr. e Bachicolt. 17:3-22,131-148. Ref. 1951. 423.92 B63
II, On the reaction of insects to water; III, Apparatus for the study of movement.

85330 RIBEIRO, J. H. C. Sex differences in insects. (In Portuguese.) Agronomia [Rio de Janeiro] 10: 269-276. Oct./Dec.1951. 9.2 Ag892

85331 ROBINSON, H. S. The behaviour of night-flying insects in the neighbourhood of a bright source of light. (Abs.) Roy. Ent. Soc. London. Proc. Ser. C, J. Mtg. 16: 2. 1951/52. 420 L84Pc

85332 SCHARRER, B. Uber neuroendokrine vorgänge bei insekten. Pflügers Arch. f. die Gesam. Physiol. 255: 154-163. Ref. 1952. 447.8 Ar2

85333 STRITT, W. Zur systematik der systematiker, insbesondere der entomologischen (Hom. Ent.), nebst einer bestimmungstabelle. Ent. Z. 62:49-53. July 1,1952. 421 En85

85334 WADLEY, F. M. Elementary sampling principles in entomology. U. S. Bur. Ent. & Plant Quar. ET-302,18 p. Ref. July 1952. 1.9 En83Et

85335 WILLIAMS, C. B. The relation of insect populations to recent weather conditions. (Abs.) Roy. Ent. Soc. London. Proc. Ser. C, J. Mtg. 16:43-44. 1951/52. 420 L84Pc

85336 WOODROFFE, C. E., and SOUTHGATE, B. J. The insect and mite fauna of certain birds' nests. (Abs.) Roy. Ent. Soc. London. Proc. Ser. C, J. Mtg. 16:52. 1951/52. 420 L84Pc

GENERAL - ECONOMIC

85337 ADDISON, C. C., and FURMIDGE, C. G. L. Physico-chemical studies on the application of insecticides to sheep fleece. I-III. J. Sci. Food & Agr. 3:315-336. Ref. July 1952. 382 So12

85338 ANNAND, P. N. Protection of crops and grasslands against insects. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:315-318. 1949,pub.1951. 279.9 Un32P

85339 BALDACCI, E. Disinfestation of processed rice. (In Italian.) Riso 1(3):27-28. Apr.1952. 59.8 R49
Storage pests.

85340 BARREDA, L. DE LA. Manera de identificar las plagas y enfermedades de las plantas de cultivo. Campo [Tacuba] (ser.2)20(724):4,6,8,10-12,14,16-20,22-23. June 30,1952. 8 C157

85341 BORING, J. Birds are our allies. Org. Farmer 4:36,38,40-42. Aug.1952. 57.8 Or3
For insect control.

85342 BRENY, R. La défense des cultures. V. Les insecticides organiques d'origine végétale. B. Hort. (n.s.)7:99-103. Apr.1952. 80 B873

85343 BRENY, R. La défense des cultures. VII. Les hydrocarbures chlorés. L'H. C. H. B. Hort. (n.s.)7:163-167. June 1,1952. 80 B873

85344 COTTON, R. T., and WALKDEN, H. H. Insect control in the country wheat elevator. U. S. Bur. Ent. & Plant Quar. EC-24,16 p. June 1952. 1.967 A2Ec1

85345 CRAIGHEAD, F. C., and HUTCHINS, L. M. The control of insects and diseases in North American forests. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:55-57. 1949,pub.1951. 279.9 Un32P

85346 DE GRYSE, J. J. Control of forest insects in Canada. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:57-59. Ref. 1949,pub.1951. 279.9 Un32P

85347 DEYRAS, O. Parasitisme externe. Rev. Agr. de l'Afrique du Nord 50:210-212. Mar.28,1952. 80 R326
Livestock.

85348 EDWARDS, G. R. Insect pests of vegetable crops. VIII. Insect pests of root crops. So. Austral. Dept. Agr. J. 55:506-509. May 1952. 23 So84

85349 FABRE, R. Phytopharmacy. Chem. & Drug. 158:147-148. Aug.2,1952. 396.8 C42
Courses of study for phytopharmacy and the importance of the field in control of insect pests of plants.

85350 FONSECA, J. C. DA. Some aspects of the entomology of citrus orchards in the eastern part of Spain. (In Portuguese.) Agros [Lisboa] 35:125-143. (Cont.) May/June 1952. 15.5 Ag82

85351 FREY, W. Die heutigen verfahren zur bekämpfung von getreideschädlingen im in- und ausland. Mühle 89:495-497. July 31,1952. 298.8 M89

85352 GABLER, H. Giftspritzringmethode mit neuen mitteln. Wald 2:19-21. Jan.1952. 99.8 W143

85353 GALLEY, R. A. E. Protection of crops and grasslands against insects. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:310-315. 1949,pub. 1951. 279.9 Un32P

85354 GIANNOTTI, O. The application of concentrated spray insecticides. (In Portuguese.) Biológico 18:49-50. Mar.1952. 442.8 B529
Cotton pest control.

85355 GIANNOTTI, O. The application of insecticides in concentrated sprays. (In Portuguese.) Soc. Rur. Bras. Rev. 32(376):19. May 1952. 9.2 B733

85356 GRANDORI, R. How to protect stored wheat from insect attack. (In Italian.) B. di Zool. Agr. e Bachicolt. 17:77-92. 1951. 423.92 B63

85357 GRANDORI, R. Modern insecticides in agriculture. (In Italian.) B. dell'Agr. 86(18):1. May 2,1952. 16 B87
Italy.

85358 GRANDORI, R. Tests in controlling insects injurious to fruit. (In Italian.) B. di Zool. Agr. e Bachicolt. 17:23-28. 1951. 423.92 B63

85359 GRANDORI, R. Tests with the insecticide Midol-Tio against insects harmful to agriculture. (In Italian.) B. di Zool. Agr. e Bachicolt. 17:29-50. 1951. 423.92 B63

85360 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Narcissus pests. Ed. 4. Gt. Brit. Min. Agr. & Fisheries. B. 51,36 p. Ref. Jan.1952. 10 G794B
Syrphidae, mites and nematodes.

85361 HALL, D. G. Our great outdoors and insect control. Washington,U. S. Bur. Ent. & Plant Quar.,1952. 6 p. 1.967 A2H142
Talk at the 1952 annual meeting of the Outdoors Writers' Association of America, June 9, 1952, Miami.

85362 HALL, D. G. What you should know to succeed at municipal insect control. Pub. Works 83(7):66-68, 106-108. Aug.1952. 290.8 M922

85363 HAMBLETON, E. J. The important role of entomology in the Point 4 Program. Agr. Chem. 7(8): 37-40,113,115. Aug.1952. 381 Ag8

85364 HAMNER, A. L., HUTCHINS, R. E., and MURPHREE, L. C. Cotton insect controls. Miss. State Col. Ext. P. 207,12 p. Jan.1952. 275.29 M68Ext

85365 HAMNER, A. L., and others. Poisoning pays profits; kill cotton insects. Miss. State Col. Ext. P. 171, 8 p.-folder. Feb.1951. 275.29 M68Ext
C. Lyle, L. C. Murphree, E. W. Dunham, and S. L. Calhoun, joint authors.

85366 HARBOUR, H. E. The development of the veterinary uses of BHC. (Sum.) Vet. Rec. 64:439. July 26, 1952. 41.8 V641

85367 HAYHURST, H. Infestation of stored products. Manchester Lit. & Philos. Soc. Mem. & Proc. 93:5-14. 1952. 501 M31M
Includes control.

85368 HENRARD, P. Etude préliminaire de la faune entomologique et de la protection des bois exploités au Mayumbe. Belgium. Min. des Colon. B. Agr. du Congo Belge 43:463-480. June 1952. 24 K83
Insects attacking felled trees and protection of the wood.

85369 HERVEY, G. E. R., and GUNKEL, W. W. Low gallonage spraying of vegetable crops. N. Y. (State) Agr. Expt. Sta. B. 753,40 p. May 1952. 100 N48
Low volume sprayer for insect control.

85370 HINES, C., and MURPHREE, L. C. Mississippi spray calendar; fruit pest control practices. Miss. State Col. Ext. P. 184,rev.,16 p. Mar.1952. 275.29 M68Ext
Formerly Circular 114.

85371 HINMAN, E. H. The medical entomologist in public health. Pub. Health Rpt. 67:755-758. Aug.1952. 151.65 P96

85372 HOARE, E. R. The world spraying problem. Farm Mech. 4:281-284. July 1952. 58.8 B772
Methods of measuring droplet size.

85373 HOWE, R. W., HAYWARD, L. A. W., and COTTERELL, G. S. Control measures in 1948-50 against insects attacking groundnuts stored at Kano, northern Nigeria. B. Ent. Res. 43:259-279. July 1952. 421 B87

85374 INSTITUT PASTEUR DE LA GUYANE FRANÇAISE ET DU TERRITOIRE DE L'ININI. Rapport pendant l'année 1950. Cahors, 1951. 188 p. 448.9 In782
Includes material on insects and human disease and on veterinary medicine.

85375 JENKINS, M. T. This insect checking program pays off for the cotton farmer. Acco Press 30(7):11-12. July 1952. 6 Ac2

85376 JONES, G. D. G., and COOKE, G. R. Low-volume sprays against insects. Farmer & Stock-Breeder 66(3277):41. Aug.12,1952. 10 F228

85377 KATSURA, S. Insect pests to forest and protection of wild birds. (In Japanese.) Nōrin Jihō 11 (4):15-17. Apr.1952. 22.5 N772

85378 KNIPLING, E. F. External parasites of livestock. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:488-493. Ref. 1949,pub.1951. 279.9 Un32P

85379 KOCH, M. Giftring und ringspritzer, das neue verfahren zur bekämpfung waldbaulicher schädlinge. Wald 2:13-14. Jan.1952. 99.8 W143
Insects.

85380 KOEHLER, W. Przyczyny powstawania i przebieg gradacji szkodliwych owadów leśnych. Causes of emergence of predatory forest insects and development of outbreaks. Inst. Badawczy Leśn. Prace 74,45 p. Ref. 1951. 99.9 W26

85381 KÖNEMANN, E. Drogen als spritz- u. stäubemittel bei der biologischen schädlingsbekämpfung im obstbau u. bei den übrigen nutzpflanzen. Bebauet die Erde 22:46. (Cont.) June 1952. 18 B38
This installment deals with pyrethrum.

85382 KÖNEMANN, E. Drogen als spritz- u. stäubemittel bei der biologischen schädlingsbekämpfung im obstbau u. bei den übrigen nutzpflanzen. Bebauet die Erde 22:54. (Cont.) July 1952. 18 B38
Installment deals with derris.

85383 KOTTE, W. Pflanzenschutz im hochsommer. Reich der Landfrau 27:219-220. July 5,1952. 18 L2347
Insect control.

85384 KRYZHANOVSKII, O. L. On the entomological fauna of the south-western part of the Principal Turkmenian Canal route and its potential economic importance (In Russian.) Zool. Zhur. 31:191-201. Ref. Mar./Apr. 1952. 410 R92

85385 LAPAGE, G. The battle against trypanosomes Discovery 13:256-260. (Cont.) Aug.1952. 472 D63
Control of insect vectors.

85386 LEON ORTEGA, M. Control de plagas, chinches, cucarachas, ratas, etc. Tierra [México] 7:401-403 June 1952. 8 T445

85387 LOFGREN, J. A. Garden insects and their control. S. Dak. State Col. Agr. Ext. C. 480,8 p. June 1952. 275.29 So85

85388 MCCARTHY, T. Progress in pest control. Agr. Bur. N. S. Wales. State Conf. Hawkesbury Agr. Col. 27:16-17. 1951. 23 Ag82S
Insect pests of plants.

85389 MCGREGOR, I. A., and SMITH, D. A. A health, nutrition and parasitological survey in a rural village (Keneba) in West Kiang, Gambia. Roy. Soc. Trop. Med. & Hyg. Trans. 46:403-427. Ref. July 1952. 448.9 R813
Includes insects as vectors of disease.

85390 MCNEEL, W., JR., SHENEFELT, R. D., and PASCOE, T. A. Insects in jackpine pulpwood. Pulp & Paper 26(9):86,88,90. Aug.1952. 302.8 P11
Preliminary report.

85391 MARSHALL, G. E. Strawberry insects and their control. Purdue U. Agr. Ext. L. 344,12 p. 1952. 275.29 In2L

85392 MELIS, A. List of the principal animal pests of Italy in 1950. (In Italian.) Redia 36:iii-xviii. 1951. 421 R241
Crop pests, chiefly insects.

85393 MICHEL, E. L'emploi des insecticides de synthese contre les parasites du tabac. Rev. Internatl. des Tabacs 27:126-127. June/July 1952. 69.8 R324

85394 MOCSY, J. V. Die verwendung der kontaktgifte in der veterinaermedizin. Internatl. Vet. Cong. Rpt 14(2):95-100. 1949,pub.1952. 41.9 In844
English summary.

85395 MOLINARI, E. Uber schädlinge in tabaklagern und ihre bekämpfung. Austria. Gendir. der Tabakregie. Fachl. Mitt. 1952(2):9-13. June 1952. 286.89 Au7F

85396 MORRISON, L. Modern trends in agriculture II. Entomology. Rur. Educ. B. 7:68-74. June 1952. 109 C162
Insect control methods.

85397 MURILLO, L. M. Algunos aspectos de la sanidad de los cultivos de algodón en Colombia. Agr. Trop. 8(7):23-34. July 1952. 26 Ag8
Insect pests.

85398 MURPHREE, L. C., and BENNETT, A. G. Control cattle pests. Miss. State Col. Ext. P. 214,10 p.-folder. May 1952. 275.29 M68Ext

85399 MURPHREE, L. C. Kill field crop insects. Miss. State Col. Ext. P. 196,8 p.-folder. June 1951. 275.29 M68Ext

85400 MURPHREE, L. C. Kill those garden bugs. Miss. State Col. Ext. P. 167,8 p. Mar.1951. 275.29 M68Ext
Formerly Circular 145.

85401 NEBRASKA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Grain is food, keep out insects! Nebr. Agr. Col. Ext. C. C. 115,4 p. May 1952. 275.29 N272Ex
Insects that attack stored grain.

85402 NORTH CAROLINA. BOARD OF HEALTH. Departmental reports. January 1, 1951—December 31, 1951. N. C. Bd. Health. Health B. 67(6):8-42. June 1952. 449.7 N81B
Includes insect control and food sanitation.

85403 OSTROVSKII, N. I. Peculiarities in the control of sugar beet pests in the Baltic Area. (In Russian.) Sakh. Promysh. 26(5):41-42. May 1952. 65.8 Sa2

85404 PEACE, T. R. The control of forest diseases and insect pests in Great Britain. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:60-62. 1949, pub.1951. 279.9 Un32P

85405 PEGAZZANO, F. Contribution to the knowledge of the means of control of some species of insects harmful to fruit. (In Italian.) Redia 36:381-409. 1951. 421 R241

85406 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Divulgaciones sobre insectos del vinedo. Semana Vitivinfc. 7(291):2-3,(292):2-3;(293):2-3. Jan.26-Feb.9,1952. 95.8 Se5

85407 PFEFFER, A. The control of forest diseases and insect pests. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:62-66. 1949,pub.1951. 279.9 Un32P

85408 POPHAM, W. L. Insects in relation to southern agriculture. Com. Fert. 85(2):32,34,36,46. Aug.1952. 57.8 C73
Control.

85409 POZO LORA, R. Revisión del catálogo de aves insectívoras, cuya caza está prohibida. B. de Zootec. 8: 133-142. Ref. May 1,1952. 41.9 So16
Spain.

85410 PRICE, W. A., and RODRIGUEZ, J. G. How to control common garden insects. Ky. Agr. Col. Ext. C. 479,rev.,11 p. May 1952. 275.29 K415

85411 PRICE, W. A., and RODRIGUEZ, J. G. How to control external parasites of livestock. Ky. Agr. Col. Ext C. 477,rev.,10 p. May 1952. 275.29 K415

85412 PRICE GAVIRIA, C. Insectos de la papa y recomendaciones para su control resultado de los ensayos comparativos de insecticidas. Cañete. Estac. Expt. Dept. de Ent. C. DEF 9,9 p. May 1952. 102.5 C162

85413 READ, W. H. The chemical control of glasshouse pests and diseases. J. Sci. Food & Agr. 3:337-342. Ref. Aug.1952. 382 So12
Chiefly on insecticides and fungicides.

85414 RISBEC, J. De l'évolution des insectes nuisibles au colza et des moyens de lutter contre eux. Acad. d'Agr. de France. Compt. Rend. 39,i.e.38:403-407. May 28/June 4,1952. 14 P215Bc

85415 RIVERA H., R. Conservación de granos. Soc. Antioqueña de Agr. B. Agr. 383:3314-3315. Mar. 1952. 9.4 So1
Fumigation for insect control.

85416 RODALE, J. I. Systemic sprays. Org. Gard. 20(8):10-11,36-38. Aug.1952. 56.8 Or3

85417 RODRIGUEZ GARCÍA, J. A., PERDOMO, R. S. and BIANCHI, A. Los nuevos agentes sintéticos ectoparasiticidas. Uruguay. Dir. de Ganad. B. Mens. 32:226-270. Ref. Oct./Dec.1951. 41.9 Ur8
English summary.

85418 ROSA, J. G. DE LA. Control de las plagas del algodonero. Asoc. Gen. de Agr. B. 322:2,7. July 15,1952. 8 As52
Insects.

85419 RUPP, J. Kampf der schädlingswelt. Allgäuer Bauernbl. 20:386-387. July 24,1952. 18 AL53
Insect control.

85420 RUSSO, G. Biological control of vegetable pests in Italy. (In Italian.) Lab. di Ent. Agr. "Filippo Silvestri". B. 10:86-97. 1950-51. 420 P82B
English summary.

85421 SCHULZ, P. Pests and what to do about them. Gloxinian 1(6):2-3. May/June 1952. 96.06 G51

85422 SETAIRE, A. Les peintures (à l'eau) insecticides et microbicides. Elevage et Cult. 4(42):18-19. June 1952. 24 EL2

85423 SPEAR, P. J. Insecticide vaporizers. Soap & Sanit. Chem. 28(8):147-148,173. Aug.1952. 307.8 So12

85424 STAGE, H. H. Use of DDT. Rur. Missions 83:2. Summer 1952. 281.28 Ag8

85425 STIMSON, T. E., JR. It's news: plant bites bug. Pop. Mech. 98(3):65-69,238. Sept.1952. 291.8 P81
Systemic insecticides.

85426 TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. 1952 cotton insect control guide Lower Rio Grande Valley of Texas. College Station,1952? 6 p.-folder. 275.29 T312Gu

85427 TSITSIN, N. V., and CHERKASSKIĬ, E. S. Activated creolin [for pest control]. (In Russian.) Akad. Nauk SSSR. Dok. 84:653-654. May 21,1952. 511 P444A

85428 ULRICH. H. Der kampf gegen getreide- und lagerschädlinge. Müllerei 5:467-468. July 5,1952. 298.8 M91

85429 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of India. U. S. Bur. Ent. & Plant Quar. B. E. P. Q. 404 (sup.1),rev.,1 p. May 29,1952. 1.9 F73

85430 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Summary of State nursery-stock shipping requirements and plant quarantines and regulations affecting interstate shipments. New Hampshire. U. S. Bur. Ent. & Plant Quar. B. E. P. Q. 578-30,2 p. Mar.18,1952. 1.9 F73
Similar summaries for other States.

85431 U. S. PUBLIC HEALTH SERV. COMMUNICABLE DISEASE CENTER. CDC activities 1950-1951. Washington,1952. 61 p. (U. S. Public Health Service Publication 204) 151.65 Ac8
Includes toxicity of economic poisons and insect vectors of disease.

85432 WAGNER, E. Planvolle bekämpfung der nutzvieh-schädlinge. Tierzucht 5:324-326. Oct.1951. 49 T443
Insects.

85433 WEIDNER, H. Die insekten der "kulturwüste" (vorarbeiten zu einer ökologie der grossstadt). Hamburg. Zool. Mus. u. Inst. Mitt. 51:89-173. Ref. 1952. 410.9 H172

85434 WILLIAMS, A. E. Aërosols: their use as bactericides and insecticides. Chem. Prod. (n.s.)15:296-300. Aug.1952. 382 C428
Application.

85435 WINBURN, T. F. Fumigants and protectants for controlling insects in stored grain. Pest Control 20 (8):9-11,32,42. Aug.1952. 449.8 Ex8

85436 WISCONSIN. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Insect control for Wisconsin in 1952. Wis. Agr. Col. Ext. Stencil C 287,rev.,18 p. May 1952. 275.29 W75B

85437 ZIARKIEWICZ, T. Studies on the biology of insects infesting some medicinal herbs. (In Polish.) Lublin. U. M. Curie-Sklodowskiej. Ann. Sect. E 6: 201-229. Ref. 1951. 512 L96Ae
English summary.

INSECTICIDES

85438 BACK, R. C. The insecticidal activity of the eta isomer of 1,2,3,4,5,6-hexachlorocyclohexane. Boyce Thompson Inst. Contrib. 16:451-454. Apr./June 1952. 451 B69

85439 BANGHAM, W. J. Pirenona: nuevo insecticida no tóxico. Asoc. Gen. de Agr. B. 322:6. July 15,1952. 8 As52

85440 BERIM, N. G. Change in activity of some enzymes of insects during poisoning with benzene hexachloride and DDT. (In Russian.) Akad. Nauk SSSR. Dok. 84:393-396. Ref. May 11,1952. 511 P444A

85441 BISSINGER, W. E., CORMANY, C. L., and DIAL, W. R. A new silica for formulating 75% DDT wettable powders. Agr. Chem. 7(8):31-33,117,119. Aug. 1952. 381 Ag8

85442 BRIEGER, H., RIEDERS, F., and HODES, W. A. Acrylonitrile: spectrophotometric determination, acute toxicity, and mechanism of action. Arch. Indus. Hyg. & Occup. Med. 6:128-140. Ref. Aug.1952. 449.8 Ar24

85443 CASIDA, J. E. The role of plants in the production of systemic insecticides. Com. Fert. 85(2):48. Aug.1852. 57.8 C73
Octamethyl pyrophosphoramide.

85444 COTTAM, C. Chemical controls vs. wildlife. N. Dak. Outdoors 14(12):10-11. June 1952. 412.9 N815
Toxicity of insecticides and herbicides.

85445 COTTAM, C. Wildlife and chemicals. Tenn. Conserv. 17(7):6-7,18. July 1952. 410 T252
Insecticides and herbicides.

85446 ENG, R. L. A two-summer study of the effects on bird populations of chlordane bait and aldrin spray as used for grasshopper control. J. Wildlife Mangt. 16:326-337. July 1952. 410 J827

85447 ERLENBACH, M. Wandlungen des weltmarktes von schädlingsbekämpfungs- und pflanzenschutzmitteln. Chem. Indus. [Düsseldorf] 4:229-231. Apr.1952. 384 C4222

85448 FULTON, R. A., GELARDO, R. P., and SULLIVAN, W. N. Relative efficiency of methods of applying lindane in enclosed spaces. J. Econ. Ent. 45:540-541. June 1952. 421 J822

85449 HADAWAY, A. B., and BARLOW, F. Studies on aqueous suspensions of insecticides. III. Factors affecting the persistence of some synthetic insecticides. B. Ent. Res. 43:281-311. Ref. July 1952. 421 B87

85450 HANSON, W. R. Effects of some herbicides and insecticides on biota of North Dakota marshes. J. Wildlife Mangt. 16:299-308. Ref. July 1952. 410 J827

85451 JOLLY, D. W. La toxicidad del DDT y del gamexan para los animales domésticos. Campesino [Santiago] 84(5):7,9-11,13,15. May 1952. 9.3 So12

85452 LEMMON, G. B., JR., and PIERCE, W. F. Intoxication due to chlordane, report of a case. Amer. Med. Assoc. J. 149:1314-1316. Aug.2,1952. 448.9 Am37

85453 LENSKY, P., and EVANS, H. L. Human poisoning by chlordane, report of a case. Amer. Med. Assoc. J. 149:1394-1395. Aug.9,1952. 448.9 Am37

85454 LINDUSKA, J. P. Wildlife in a chemical world. 2. Audubon Mag. 54:248-252. July/Aug.1952. 413.8 B53
Insecticides.

85455 PAVAN, M. Insecticidal activity of iridomyrmecin. (In Italian.) Soc. Ent. Ital. Mem. 30:107-132. 1951. 420 It1M
English summary.

85456 PELLEGRINI, J. P., JR., MILLER, A. C., and SHARPLESS, R. V. Biosynthesis of radioactive pyrethrins using $C^{14}O_2$. J. Econ. Ent. 45:532-536. June 1952. 421 J822

85457 POPPIUS, E. Parathion hazards. (In Swedish.) Lantmannen 36:559. July 12,1952. 11 L234

85458 RANGASWAMI, S., and SASTRY, B. V. R. Chemical examination of plant insecticides. VI. Root bark of Tephrosia lanceolata Grah. Indian Acad. Sci. Proc. Sect. A 35:166-172. Apr.1952. 513 In25

85459 RIEMSCHNEIDER, R., and SCHOLZEL, E. Literatur zur HCH- und diën-gruppe. Liste III. Z. f. Angew. Ent. 33:481-512. Apr.1952. 421 Z36

85460 ROMANO, E. Evaporation of chlorinated organic insecticides in the light. II. (In Italian.) Sta. Chim. Agr. Sper. di Roma. Ann. Ser. III. P. 56,2 p. 1951. 105.4 R66
Chlordane.

85461 ROWE, V. K., and others. Toxicity of ethylene dibromide determined on experimental animals. Arch. Indus. Hyg. & Occup. Med. 6:;58-173. Ref. Aug.1952. 449.8 Ar24
H. C. Spencer, D. D. McCollister, R. L. Hollingsworth, and E. M. Adams, joint authors.

85462 SKERRETT, E. J., and WOODCOCK, D. Insecticidal activity and chemical constitution. III-IV. Chem. Soc. J., July 1952:2804-2810. 382 L84J
III, A new synthetic route to methyl analogues of DDT; IV, Synthesis of 2:2-di-p-chlorophenyl-3-methylbutane.

85463 SLOAN, G. D. Precautions essential in the use of parathion. Citrus Mag. 14(2):13. Aug.1952. 80 C498

85464 SMITH, H. C. ABC's of safety in fumigating a house with methyl bromide. Pest Control 20(8):20-28. Aug.1952. 449.8 Ex8

85465 STUBNER, K. Fluoreszenzmikroskopischer nachweis von DDT und seinen mitteln. Anz. f. Schädlingsk. 25:97-100. July 1952. 421 An9

85466 TEEL, G. P., JR. Ready for formulation as a dust concentrate is duPont's potent E P N. Farm Chem. 115(8):13,15-16,54. Aug.1952. 57.8 Am3

85467 THOENESSEN, C. Bactericide und insecticide wirkstoffe aus kohle. (Abs.) Brennst. Chem. 33:208. June 25,1952. 384 B75

85468 TRAPPMANN, W. Die schädlichkeit der getreide-einstäubemittel. Mühle 89:498. July 31,1952. 298.8 M89

85469 VAN TIEL, N. Improvement of the residual toxicity of DDT solutions by the addition of coumarone resin. B. Ent. Res. 43:413-419. Ref. July 1952. 421 B87

85470 WHITFIELD, F. G. S., BAKER, A. H., and WHITNEY, G. F. H. Aerosols, a modern development in the control of insect, fungous, and bacterial pests. Times Rev. Indus. 6(67):24-25,27. Ref. Aug.1952. 286.8 T4822

APICULTURE AND APIS MELLIFERA

85471 AGUADO VILLALBA, J. Rampas de descanso. Valencia Avíc. 9(2):39-40. Mar.1952. 47.8 V23
For honeybees.

85472 ALEX, A. H., THOMAS, F. L., and WARNE, B. Importance of bees in sweetclover seed production. Tex. Livestock J. 11(7):9,32. July 1952. 49 T29

85473 ANDREU, E. Elevage de reines. Rev. Agr. de l'Afrique du Nord 50:337-338. May 23,1952. 80 R326

85474 BANSBACH, H. Vom richtigen wabenabstand. Deut. Bienenwirt. 3:37-38. Feb.1952. 424.8 D489

85475 BARRIENTOS, L., and GONZÁLEZ SOL, R. La cria de las abejas. Cent. Nac. de Agron. C. Agr. 52, 8 p. Jan.1952. 8 Sa54C

85476 BAUER, H. Schleuderfreuden, ungetrübt! Deut. Bienenztg. 7:86-87. June 1,1952. 424.8 D488

85477 BICHTLER, E. Rund um die königin. Nordwestdeut. Imkerztg. 4:216-218. July 1952. 424.8 N753

85478 BISHOP, P. The supers need a lifter. Gleanings Bee Cult. 80:457-459. Aug.1952. 424.8 G47

85479 BOLLE, F. Bienenkrieg. Orion 7:389-393. May 1952. 474 Or4

85480 BROWN, C. H. Line breeding for bees. Gleanings Bee Cult. 80:467. Aug.1952. 424.8 G47

85481 BÜDEL, A. Die sonne und das bienenhaus. Nordwestdeut. Imkerztg. 4:211-215. July 1952. 424.8 N753

85482 CABEZAS, J., and ESTREMERA DE CABEZAS, M. Cartilla del colmenero. Spain. Min. de Agr. Serv. de Capacitación y Propag. Cart. Rur. 5,409 p. 1951. 15 Sp14C

85483 CALESNICK, E. J., and WHITE, J. W., JR. Thermal resistance of Bacillus larvae spores in honey. J. Bact. 64:9-15. Ref. July 1952. 448.3 J82
Development of a process for treatment of honey to permit feeding it to bees without danger of transmission of American foulbrood.

85484 CAMPOS R., F. Las abejas no causan daños a los cultivos y colaboran asiduamente en la polinización. Consorcio de Cent. Agr. de Manabi. Rev. 12(69):39-40. Jan./Mar.1952. 9.5 M31

85485 CHILDERS, L. F. On the dissemination of AFB spores. Gleanings Bee Cult. 80:462, 506. Aug.1952. 424.8 G47

85486 CLARKE, W. W., JR. Extension beekeeping in Pennsylvania. Pa. Beekeeper 27(2):16. June 1952. 424.8 P38

85487 COORDES, H. Die kopfstand-methode. Nordwestdeut. Imkerztg. 4:218-220. July 1952. 424.8 N753

85488 CRAWFORD, J. R. Ligurians in Australia, the super quiet bee. Gleanings Bee Cult. 80:464-466. Aug. 1952. 424.8 G47

85489 DEMARTY, P. Un parasite des abeilles le pou (Braula coeca). Tarn-et-Garonne Agr. 15:129-130. July/Aug.1952. 14 T17

85490 ECKERT, J. E. Moving hives of bees. Gleanings Bee Cult. 80:523-526. Sept.1952. 424.8 G47

85491 EDGECOMBE, S. W., and others. Pollination round-up. II. Amer. Bee J. 92:322-336. Aug.1952. 424.8 Am3

85492 EGGERSGLUSS, F. Anweisung in der korbimkerei. Nordwestdeut. Imkerztg. 4:189-191. June 1952. 424.8 N753

85493 EVENIUS, J. Königinnenzucht in Italien. Südwestdeut. Imker 4:224-225. July 1952. 424.8 Su25

85494 FURBANK, A. W. The effect of sunlight on hives. Gleanings Bee Cult. 80:527-529. Sept.1952. 424.8 G47

85495 GAUKEL, F. Elektrizität am bienenstand. Nordwestdeut. Imkerztg. 4:182-184. June 1952. 424.8 N753

85496 GONTARSKI, H. Zuchtmethoden in anpassung an die biologischen vorgänge bei der entstehung der königin. Deut. Bienenwirt. 3:41-44. Mar.1952. 424.8 D489

85497 HARNEY, W. Einige umstrittene punkte bei den wandervorbereitungen. Nordwestdeut. Imkerztg. 4: 229-231. July 1952. 424.8 N753

85498 HIRSCHFELDER, H. Wertschätzung der bienen in Amerika. Deut. Bienenwirt. 3:6-7. Jan.1952. 424.8 D489

85499 HOFSTEN, C. G. VON. Increased cooperation between beekeepers—farmers desirable. (In Swedish.) Lantmannen 36:612-613. Aug.2,1952. 11 L234
Pollination and prevention of bee poisoning from insects.

85500 HUBBE, W. Das körbchen an der hinterbeinschiene. Deut. Bienenztg. 7:81-82. June 1,1952. 424.8 D488

85501 JORDAN, R. Ueber ursachen, die zur ablage mehrerer eier in arbeiterinnenzellen führen. Osterr. Imker 2:127-128. July 1952. 424.8 Os7

85502 JORDAN, R. Versuche und untersuchungen zur erforschung der seuchenhygienischen bedeutung des schwärmens und der reinigungsflüge der bienen sowie des einflusses der himmelsrichtung der flugfronten auf die gesunderhaltung der völker. Osterr. Imker 2:93-99. May 1952. 424.8 Os7

85503 KOHLER, F. Unsere heimische bienenzucht in gefahr! III. Sudwestdeut. Imker 4:218-219. July 1952. 424.8 Su25

85504 KÜHNER. Wieviel bienenvölker sind für die blütenbefruchtung erforderlich? Obstbau 71:70-71. May 1,1952. 80 Ob73
Germany.

85505 MARQUÉS, J. Italianización. Valencia Avíc. 9(2):41. Mar.1952. 47.8 V23
Honeybees.

85506 MOFFETT, J. O. Antibiotics control foulbrood Colo. Farm & Home Res. [Colo. Sta.] 3:3,11. May/June 1952. 100 C712Co

85507 MUTTOO, R. N. U. P. Government bee-keeping station, Jeolikote, Dist. Nainital, U. P. Summary of 14 years' work, 1938-1952. Indian Bee J. 14:40-51. Mar./Apr.1952. 424.8 In2

85508 NEUMANN, D. Mein weg in der königinnenzucht. Nordwestdeut. Imkerztg. 4:180-182. June 1952. 424.8 N753

85509 NEWALD, E. Bienenverschleiss und vermehrung. Osterr. Imker 2:106-108. June 1952. 424.8 Os7

85510 NEWALD, E. Kniffe und griffe. Osterr. Imker 2:121-123. July 1952. 424.8 Os7

85511 PASCUAL, P. F. La apicultura en nuestro pais. Selec. Rur. 7(29):60-62. Apr./June 1952. 9.9 Se4
Uruguay.

85512 POTSCH, O. Die gestehungskosten beim honig. Osterr. Imker 2:132-133. July 1952. 424.8 Os7

85513 PUGET, J. L'eau de boisson des abeilles. Synd. Apic. d'Artois et du Nord de la France. B. Mens. 8(82):17-18. Jan.1952. 424.9 Sy7

85514 QUEENSLAND BEEKEEPERS' ASSOCIATION. Annual report, by K. J. C. Mitchell. Australas. Beekeeper 53:276-278. May 15,1952. 424.8 Au72

85515 QUENTIN, A. Le choix d'une ruche à cadre. Abeille Bourguign. 68:945-947. (Cont.) May/June 1952. 424.8 Ab33

85516 RHEINHEIMER, O. Meine betriebsweise auf schwer erreichbaren aussenständen. Deut. Bienenztg. 7: 101-103. July 1,1952. 424.8 D488

85517 RIBBANDS, C. R. The effective flight range of the honeybee. (Abs.) Roy. Ent. Soc. London. Proc. Ser. C, J. Mtg. 16:6: 1951/52. 420 L84Pc

85518 RICHTER, E. Voraussetzungen für die rentabilität des imkereibetriebes. Deut. Bienenztg. 7:82-84. June 1,1952. 424.8 D488

85519 RINCK. Staatliche förderung der bienenzucht im bundesgebiet. Deut. Bienenwirt. 3:3-6. Jan.1952. 424.8 D489

85520 ROBERTS, D. Honey bees and pollination of orchard fruits. New Zeal. J. Agr. 84:465-466. June 16, 1952. 23 N48J

85521 RUTTNER, F. Beitrag zu einigen strittigen fragen der bienenzüchtung. Osterr. Imker 2:81-85. (Cont.) May 1952. 424.8 Os7

85522 RUTTNER, F. Beitrag zu einigen strittigen fragen der bienenzüchtung. Osterr. Imker 2:109-111. (Concl.) June 1952. 424.8 Os7

85523 SCHAEFF-SCHEEFEN, G. H. Angst vor bienenseuchen? Sudwestdeut. Imker 4:228-229. July 1952. 424.8 Su25

85524 SCHESTAUBER, J. Der ablauf des bienenjahres—das ABC der erfolgreichen imkerei. Österr. Kleintierzüchter 13/14:111-112. (Cont.) July 1952. 49 Os7

85525 SCHUBERT, A. Es honigt der wald. Unser Wald 5(6):4-5. June 1952. 99.8 Un7
Honeydew.

85526 SCHUBERT, A. Königinnenschlüpfkäfige mit absperrgitter. Deut. Bienenztg. 7:87-88. June 1,1952. 424.8 D488

85527 SLOANE, W. H. Bee breeding. Australas. Beekeeper 53:288-290. May 15,1952. 424.8 Au72

85528 SOLANO, R. Nuevo tratamiento contra la acariosis. Cult. Mod. 35:208. June 1952. 15 C89

85529 STRICKER, M. H. Smoker fuel. Gleanings Bee Cult. 80:532-533. Sept.1952. 424.8 G47

85530 STUTE, K. Bericht über die ergebnisse der chemischen bienenuntersuchungsstelle aus dem jahr 1951. Deut. Bienenwirt. 3:26-28. Feb.1952. 424.8 D489

85531 THOMMESSEN, T. Beekeeping in Norway in olden times. Gleanings Bee Cult. 80:530-531. Sept.1952. 424.8 G47

85532 TOL FILHO, P. L. VAN. Accidents in apiculture. (In Portuguese.) Seleç. Agr. 7(72):17-18. Apr. 1952. 9.2 Se4

85533 TOL FILHO, P. L. VAN. Pollination—more coffee, more money. (In Portuguese.) Seleç. Agr. 7(73): 25-26. May 1952. 9.2 Se4
Apis mellifera as pollinators.

85534 TUSCHHOFF, G. Eine verbesserung des E. W. K. Deut. Bienenztg. 7:97-99. July 1,1952. 424.8 D488
For rearing queens.

85535 VERFÜHRT, C. Rund um eine einfache betriebsweise. Deut. Bienenztg. 7:99-101. July 1,1952. 424.8 D488

85536 WEISS, K. Wie wirkt die zur milbenbekampfung angewandte senföl-methanolbegasung auf bienen? Z. f. Bienenforsch. 1:179-188. Ref. July 1952. 424.8 Z3

85537 WOHLGEMUTH. Die normung. Deut. Bienenwirt. 3:49-50. Mar.1952. 424.8 D489
Of equipment.

85538 WOHLGEMUTH. Normungsfrage - rahmenfrage. Deut. Bienenwirt. 3:9-11. Jan.1952. 424.8 D489

85539 WULFRATH, A., and SPECK, J. J. De la colmena antigua al lucrativo negocio de la colmena moderna. Tierra [México] 7:387-392. (Cont.) June 1952. 8 T445

ARACHNIDA, MYRIAPODA, ETC.

85540 ABDEL-WAHAB, A. Development of the embryonic coverings in the scorpion, Buthus quinquestriatus (H.E.). Nature [London] 170:209. Aug.3,1952. 472 N21

85541 ANTHON, E. W., and BURTS, E. Systemic insecticides give promise of mite and aphid control. West. Fruit Grower 6(8):20-21. Aug.1952. 95.8 G762

85542 ARNOLD, R. M. Laboratory assessment of tick-killing agents. Vet. Rec. 64:426-429. July 19,1952. 41.8 V641
Dip fluids, chiefly benzene hexachloride for control of Boophilus annulatus.

85543 BAKER, D. W., and NUTTING, W. The Demodex phenomenon. (Abs.) J. Parasitol. 38(4,sect.2):30. Aug.1952. 448.8 J824

85544 BAKER, D. W., and MCNERNEY, P. Epidemiology of cattle mange and scabies. (Abs.) J. Parasitol. 38(4,sect.2):30. Aug.1952. 448.8 J824
Control of Chorioptes bovis.

85545 BALOZET, L. Propriétés diastasiques des venins de scorpions. Inst. Pasteur d'Algérie. Arch. 30: 1-10. Ref. Mar.1952. 448.3 In7A

85546 BLOMEFIELD, L. C. A comparative study of arsenite of soda, benzine hexachloride, DDT, toxaphene and combinations of these in the control of ticks. So. African Vet. Med. Assoc. J. 23:1-8. Mar.1952. 41.8 So8

85547 BLOWER, G. Epidermal glands in centipedes. Nature [London] 170:166-167. July 26,1952. 472 N21

85548 BOTTAZZI, E. Acarina from Carnia. (In Italian.) Redia 36:221-230. 1951. 421 R241
Includes new species in Valgothrombium.

85549 BRISTOWE, W. S. The arachnid fauna of the Batu Caves in Malaya. Ann. & Mag. Nat. Hist. (ser.12)5: 697-707. July 1952. 410 An77
Includes new species in Uloborus, Spermophora, Scytodes and Dhanus.

85550 BUCHERL, W. Revision of the species of the genus Enoploctenus Simon, 1897. (In Portuguese.) Inst. Butantan. Mem. 23:1-43. Ref. 1950-51. 448.9 B97
English summary.

85551 BUTUROVIĆ, A. Vorläufige mitteilung über einen land-Isopoden aus der Hercegovina. (In Serbo-Croatian.) Biol. Inst. God. 3:199-204. 1950, pub.1951. 442.9 Sa73
German summary.

85552 CAMPBELL, J. A. Recent work on the ecology of the pasture-tick Ixodes ricinus L. in Britain. Internatl. Vet. Cong. Rpt. 14(2):113-119. Ref. 1949,pub.1952. 41.9 In844

85553 CAUSEY, N. B. On three new eurymerodesmid millipeds and notes on Paresmus impurus (Wood). Ent. News [Philadelphia] 63:169-176. July 1952. 421 En88
In Eurymerodesmus.

85554 CHAMBERLIN, R. V. On five new American lithobiid centipeds. Great Basin Nat. 11:115-118. Dec.29,1951. 410 G79
In Pokabius, Mesobius n.g., and Ethopolys.

85555 CHAPPUIS, P. A. Un nouveau Stenasellus du Congo Belge. Rev. de Zool. et de Bot. Africaines 45:353-357. Apr.25,1952. 410 R326

85556 CONDE, B. Le palpigrade Koenenia berlesei Silv. en France continentale. Soc. Linn. de Lyon B. Mens. 20:184-185. Oct.1951. 505 L992B

85557 DENIS, J. Quelques araignées paludicoles de Gironde. Soc. Ent. de France. B. 57:78-80. May 1952. 420 F84B

85558 DILLON, L. S. The myology of the araneid leg. J. Morph. 90:467-480. Ref. May 1952. 444.8 J826

85559 EADS, R. B., and WALKER, O. L. Texas records of the tick, Ixodes tovari Cooley. J. Parasitol. 38: 368. Aug.1952. 448.8 J824

85560 EUSTIS, E. B., and FULLER, H. S. Rickettsialpox. II. Recovery of Rickettsia akari from mites, Allodermanyssus sanguineus, from West Hartford, Conn. Soc. Expt. Biol. & Med. Proc. 80:546-549. July 1952. 442.9 So1

85561 EVANS, G. O. On a new predatory mite of economic importance. B. Ent. Res. 43:397-401. July 1952. 421 B87
Phytoseiulus speyeri n.g., n. sp.

85562 EVANS, G. O. Terrestrial Acari new to Britain. II. Ann. & Mag. Nat. Hist (ser.12)5:660-675. Ref. July 1952. 410 An77
Includes new species in Diversipes, Pygmephorus, Lorryia, Bdella and Balaustium.

85563 FAIN, A. Sur les Acariens parasites du genre Pneumonyssus au Congo Belge. Description de deux expèces nouvelles chez le Daman et le Colobe. Rev. de Zool. et de Bot. Africaines 45:358-382. Ref. Apr.25, 1952. 410 R326

85564 FRANCO, E. Experiments with a new acaracide. (In Portuguese.) Rev. de Agr. [Piracicaba] 27: 173-176. May/June 1952. 9.2 R324
Aramite 15-W.

85565 FREEMAN, R. S. Temperature as a factor affecting development of Monoecocestus (Cestoda: Anoplocephalidae) in oribatid mites. Expt. Parasitol. 1:256-262. Ref. June 1952. 436.8 Ex7

85566 GRZIMEK, B. Tod durch lungenmilben bei einem schimpansen. Zool. Gart. (n.s.)18:249. 1951. 410 Z724

85567 HEATH, G. B. S. The control of sheep ticks, Ixodes ricinus L., & blow flies, Calliphorinae. Internatl. Vet. Cong. Rpt. 14(2):120-126. Ref. 1949,pub.1952. 41.9 In844
Sheep dipped in DDT.
Includes discussion.

85568 HEISCH, R. B., and GUGGISBERG, C. A. W. A description of Ornithodoros erraticus (Lucas) from Kenya. Ann. Trop. Med. & Parasitol. 46:1-6. May 1952. 448.9 L75A

85569 HIRSCHFELDER, H. Zur milbenseuche. Osterr. Imker 2:85-87. May 1952. 424.8 Os7

85570 HUGHES, T. E. The morphology of the gut in Bdellonyssus [i.e. Liponissus] bacoti (Hirst, 1913) Fonseca, 1941. Ann. Trop. Med. & Parasitol. 46:54-60. Ref. May 1952. 448.9 L75A

85571 ISHII, S., and others. Studies of ticks carrying minor piroplasma. (In Japanese.) Japan Vet. Med. Assoc. J. 4:289-292. Sept.1951. 41.9 J275

85572 KAESER, W. Bekämpfung der milbenseuche auf biologischer grundlage. Deut. Bienenwirt. 3:21-25. Feb.1952. 424.8 D489

85573 KAESER, W. Vier jahre forschung in der bekämpfung der milbenseüche. Sudwestdeut. Imker 4: 214-215. July 1952. 424.8 Su25

85574 KEEGAN, H. L., and HEDEEN, R. A. Collections of ectoparasitic mites from Alaska. J. Parasitol. 38:360-361. Aug.1952. 448.8 J824

85575 KOHLS, G. M., and KRAMIS, N. J. Tick paralysis in the American buffalo, Bison bison (Linn.). Nowest. Sci. 26:61-64. June 1952. 470 N81

85576 KOLOSVARY, G. Observations diverses sur les araignées. Soc. Linn. de Lyon B. Mens. 20:174. Sept.1951. 505 L992B

85577 LEESON, H. S. The recorded distribution of Ornithodoros moubata (Murray) (Acarina). B. Ent. Res. 43:407-411. Ref. July 1952. 421 B87

85578 LOMBARDINI, G. New Acarina. (In Italian.) Redia 36:245-250. 1951. 421 R241
In Passalobia, Rhagidia and Brevipalpus.

85579 MCCLELLAND, R. B., and MCCLELLAND, F. E., JR. Pneumonyssus caninum in a dog in western New York. Cornell Vet. 42:337-338. July 1952. 41.8 C81

85580 MACDONALD, E. M., and SCOTT, J. A. Methods for feeding tropical rat mites on blood and other fluids through a membrane. Expt. Parasitol. 1:283-290. June 1952. 436.8 Ex7

85581 MACHADO, A. Myriopoda of Portugal. I. (In Portuguese.) Brotéria. 21:65-159. 1952. 410 B79C
Includes a new species in Orinophilus.

85582 MATTOS, A. C. C. Treatment of ear mange of rabbits with cholorinated camphene (toxaphene) sprays. (In Portuguese.) Biológico 18:51. Mar.1952. 442.8 B529
Psoroptes equi cuniculi.

85583 MEJIA, J. M. La garrapata y el nuche sangran la economia. Soc. Antioqueña de Agr. B. Agr. 383:3339-3340. Mar.1952. 9.4 So1
Ticks and Dermatobia hominis on cattle.

85584 PAVLOV, P., and POPOV. A. Présence de la tique Amblyomma hebraeum (Koch 1844) en Bulgarie. (In Bulgarian.) Bulgarska Akad. n Nauk. Inst. po Eksper. Vet. Med. Izv. 1:211-216. Ref. 1951. 41.9 B87
French summary.

85585 PERRON, R. Beeinflussung der entwicklung der milbe Histiostoma laboratorium Hughes durch aussen faktoren. Schweiz. Gesell. f. Vererbforsch. Jahresber. 11:475-479. 1951,pub.1952. 443.9 Sch9

85586 PHILIP, C. B. Arthropod feces as a source of infection in experimental tularemia and Rocky Mountain spotted fever. (Abs.) J. Parasitol. 38(4,sect.2):25. Aug 1952. 448.8 J824

85587 RAYSKI, C. Observations on the life-history of Moniezia with special reference to the bionomics of the oribatid mites. Internatl. Vet. Cong. Rpt. 14(2):51-55. 1949,pub.1952. 41.9 In844
In pastures.

85588 REMY, P. A. Pauropodes récoltés par M. Maurice Vuillaume en Côte d'Ivoire. Soc. Ent. de France B. 57:49-53. 1952. 420 F84B
Includes new species in Allopauropus and Hemipauropus.

85589 SACHS, H. G. Zur morphologie von acarapis. II. Bau des kopulationsapparates der tracheenmilbe Acarapis woodi woodi Rennie, 1921. Z. f. Bienenforsch. 1:174-178. July 1952. 424.8 Z3

85590 SCHACHL, M. Die mehl- oder getreidemilbe. Bauer 5(1).8-9. Jan.5,1952. 19 B32

85591 SEDDON, H. R. Diseases of domestic animals in Australia. 3. Tick and mite infestations. Austral. Div. Vet. Hyg. Serv. P. 7,200 p. Ref. 1951. 41.9 Au75

85592 SILVA-GOYTIA, R., and ELIZONDO, A. Estudios sobre fiebre manchada en Mexico. I-II. Medicina 32: 217-221 278-282. Ref. May 25,June 25,1952. 448.8 M4S93
English summary
From ticks and lice.

85593 SZALAY, L. Beiträge zur kenntnis der Hydrachnellen-fauna Ungarns. Országos Természettudo. Múz. Evkön. (n.s.)2:157-162. 1952. 410.9 B85E

85594 TAYLOR, G. G. Spray treatments for contro of red mites in apple orchards. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 34:36-46. June 1952. 514 N48A
Paratetranychus pilosus and Bryobia praetiosa.

85595 THEILER, G. Standardised tick names for South Africa. So. African Vet. Med. Assoc. J. 23:43-45 Mar.1952. 41.8 So8

85596 TICKS and tick-borne diseases in Virginia. Va. Health B. (ser.2)5(3):4-13. July 1952. 449.7 V81B

85597 TURK, F. A. Chilopods and diplopods from the island of Cyprus. Ann. & Mag. Nat. Hist. (ser.12)5: 656-659. July 1952. 410 An77

85598 TUZET, O., and ORMIERES, R. Capillicephalus lithobii n. g., n. s.p. grégarine parasite de l'intestin du Lithobius piceus L. Koch. Ann. des Sci. Nat. Zool. et Biol. Anim. (ser.11)13:413-416. 1951,pub.May 1952. 410 An7

85599 TUZET, O., and BESSIERE, C. Recherches sur la spermatogenèse et les cellules bordantes des follicules et canaux testiculaires des Isopodes. Ann. des Sci. Nat. Zool. et Biol. Anim. (ser.11)13:453-465. Ref. 1951,pub.May 1952. 410 An7

85600 VACHON, M. Scorpions collectés au Maroc par MM. P. Strinati et V. Aellen (Mission Scientifique Suisse au Maroc, aout-septembre 1950). Mus. Natl. d'Hist. Nat. B. (ser.2)23:621-623. Dec.1951,pub.Mar.15, 1952. 410.9 P213

85601 VLASVELD, W. P. N. New preparations for the control of spider mites. (In Dutch.) Fruitteelt 42:559. July 17,1952. 86 N28

85602 VOLGIN, V. I. New species of mites of the genus Rhizoglyphus Clap. (Acarina, Tyroglyphidae). (In Russian.) Zool. Zhur. 31:249-252. Mar./Apr.1952. 410 R92

COLEOPTERA

85603 ADAMS, J. A. Lawn grubs should be the least of your worries. Home Gard. 20(2):73-75. Aug.1952. 80 H756

85604 ALLEN, A. A. Bembidion 5-striatum Gyll. and B. fumigatum Dufts. (Col., Carabidae) recaptured in London, and B. fumigatum new to the Kent list. Ent. Mon. Mag. 88:147. July 1952. 421 En86

85605 ALLEN, A. A. Coleoptera at Knole Park, Sevenoaks, Kent. Ent. Rec. & J. Variation 64:224-228. July/Aug.1952. 421 En89

85606 ANKERSMIT, G. W. Life history and control of the soya bean leaf beetle Phaedonia inclusa (Stal) (Coleoptera, Chrysomelidae). Indonesia. Gen. Agr. Res. Sta. Contrib. 129,34 p. Mar.1952. 109.5 Ea73

85607 ASHE, G. H. Coleoptera at Nethy Bridge, Inverness-shire. Ent. Mon. Mag. 88:165-168. July 1952. 421 En86

85608 BAAS, J. Was hat die kartoffelkäferbekampfung bisher erreicht? Deut. Landwirt.-Gesell. Mitt. 67: 483-485. July 5,1952. 18 N39
Leptinotarsa decemlineata.

85609 BALFOUR-BROWNE, J. Notes concerning the food-plants of Apion pubescens Kirby and Sibinia primita Herbst (Col., Curculionidae). Ent. Mon. Mag. 88:161. July 1952. 421 En86

85610 BARBER, H. S. Notes on Telegeusis and some relatives.(Coleoptera, Lymexylidae). Pan-Pacific Ent. 28:163-170. July 1952. 421 P193
Includes new species.

85611 BEAL, R. S., JR. Description of a new Arizona Thaumaglossa (Coleoptera: Dermestidae). Pan-Pacific Ent. 28:171-172. July 1952. 421 P193

85612 BECHYNE, J. Nouveaux Eumolpides de Madagascar (Col. Phytophaga). Soc. Linn. de Lyon B. Mens. 20:195-198. Nov.1951. 505 L992B
New species in Ivongius and Rhembastus.

85613 BENESH, B. Description of a new species of Aegus from the Solomon Islands, with remarks on other stagbeetles (Coleoptera: Lucanidae). Pan-Pacific Ent. 28:136-138. July 1952. 421 P193

85614 BESSON, J. Le capnode du pêcher [Capnodis tenebrionis]. Tarn-et-Garonne Agr. 14:162-163. Nov. 1951. 14 T17

85615 BLAIR, K. G. The status of Anthicus constrictus Curt. (Col., Anthicidae). Ent. Mon. Mag. 88:153. July 1952. 421 En86

85616 BLAKE, D. H. Six new species of Megistops with keys to the known species (Coleoptera). Psyche 59: 1-12. Mar.1952. 421 P95

85617 BOTTCHER, F. K. Holfidal, ein neues für die bienen ungefährliches mittel gegen den rapsglanzkäfer (Meligethes aeneus F.). Z. f. Bienenforsch. 1:189-190. July 1952. 424.8 Z3

85618 BRAKMAN, P. J. Quedius subfuliginosus Britten (Col., Staph.,) a new short tortoise beetle for the Dutch fauna. (In Dutch.) Ent. Ber. 14:83. June 1,1952. 420 N38B

85619 BRANDT, H. Käfer (Coleoptera). II. Natwiss. Grundbegriffe f. die Landbauliche Praxis, Zool. Reihe 23, 4 p. In Pflanzenschutz 4(3). Mar.1952. 464.8 P48

85620 BRANDT, H. Die obstbaumborkenkäfer und ihre bekämpfung. Pflanzenschutz 4:29-32. Mar.1952. 464.8 P48

85621 BREUNING, S. Lamiaires nouveaux du Congo Belge appartenant au genre Glenea (Col. Cerambycidae). Rev. de Zool. et de Bot. Africaines 45:313-323. Apr.25, 1952. 410 R326

85622 BRUINS, G. W. The cabbage curculio (Ceuthorhynchus rapae Gyll.) in cabbage plants. (In Dutch.) Groenten en Fruit 7:988-989. June 19,1952. 80 G89

85623 CHEREPANOV, A. I. Data on the fauna of beetles, Cerambycidae, of Tuvian Autonomous Region. (In Russian.) Zool. Zhur. 31:276-283. Ref. Mar./Apr. 1952. 410 R92

85624 CORT, J. L. P. An English dor-beetle [Geotrupes stercorarius]. Birds & Country Mag. 5:66-67,75. June/Aug.1952. 413.8 B535

85625 COUTURIER, A. Caractère d'un foyer à Melolontha hippocastani F. en Côte-d'Or. Phytoma 35: 18-19. Mar.1952. 464.8 P563

85626 DILLON, L. S. Pyrota riherdi, a new species of Meloidae (Coleoptera), from South Texas. Ent. News [Philadelphia] 63:181-182. July 1952. 421 En88

85627 DOMENICHINI, G. Contribution to the knowledge of Callosobruchus maculatus F. and its parasites. (In Italian.) B. di Zool. Agr. e Bachicolt. 17:101-122. 1951. 423.92 B63

85628 ENDER. 75 jahre kampf gegen den kartoffelkäfer [Leptinotarsa decemlineata] in Oldenburg. Landwirtbl. Weser-Ems 99:659-660. July 3,1952. 18 L2345

85629 ERMISCH, K. Die gattung Stenalia Muls. nebst beschreibung neuer und einer tabelle der bisher bekanntgewordenen arten (19. beitrag zur kenntnis der Mordelliden). Soc. Ent. Ital. Mem. 30:92-105. 1951. 420 It1M

85630 EVANKO, A. B. Will beetles lick goatweed [Hypericum perforatum]? Wash. Farmer 77:512-513,516. June 19,1952. 6 R151

Chrysolina gemellata and Chrysolina hyperici.

85631 FAES, H. Les lucioles [Luciola italica] du Parc Bourget de Lausanne. Rev. Suisse de Zool. 59:260-261. June 1952. 410 R324

85632 GILĬAROV, M. S. Larvae of pectinate-antenna beetles (Lucanidae) of European U.S.S.R. (In Russian.) Zool. Zhur. 31:253-256. Ref. Mar./Apr.1952. 410 R92

85633 GOOSSEN, H. Jetzt den kornkäfer bekämpfen! Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1175. July 31,1952. 18 L2346

Sitophilus granarius.

85634 GRAHAM, K. The bark-beetle problem in Douglas fir of the interior. Brit. Columbia Lumberman 36(7):42. July 1952. 99.81 B77

Dendroctonus pseudotsuga.

85635 GRANDORI, R., and BLUMER, G. Controlling Leptinotarsa decemlineata with calcium cyanamide. (In Italian.) B. di Zool. Agr. e Bachicolt. 17:149-156. 1951. 423.92 B63

English summary.

85636 GREEN, J. Three cases of abnormal nervous systems in Coleoptera. Ent. Mon. Mag. 88:154-155. July 1952. 421 En86

85637 GRISON, and LE BERRE. Etudes écologiques poursuivies en 1951 sur le doryphore [Leptinotarsa decemlineata]. Pomme de Terre Franç. 15(154):3-6. June 1952. 75.8 P77

85638 GUÉNIN, H. A. Hétérochromosomes de Cicindèles. Rev. Suisse de Zool. 59:277-282. June 1952. 410 R324

85639 GUIGNOT, F. Description de Dytiscides et Gyrinides du Congo Belge. Rev. de Zool. et de Bot. Africaines 45:263-267. Apr.25,1952. 410 R326

New species in Guignotus, Copelatus and Orectogyrus.

85640 HANF, M. Höchste zeit zur kornkäferbekämpfung! Deut. Landwirt.-Gesell. Mitt. 67:538. July 26, 1952. 18 N39

Sitophilus granarius.

85641 HARRIS, E. C. A note on Criocephalus ferus Muls. (Col., Cerambycidae, Aseminae) in French maritime pine, Pinus pinaster Aiton. Ent. Mon. Mag. 88:145-147. July 1952. 421 En86

85642 HEYROVSKY, L. Beitrag zur kenntnis der bockkäfer asiens (Col., Ceramb.). 1. Uber die bockkäfer der insel Taiwan (Formosa). Országos Természettudo. Múz. Evkön. (n.s.)2:71-73. 1952. 410.9 B85E

Includes new species in Pseudoleptura.

85643 HOWE, R. W., and BURGES, H. D. A note on the survival of Alphitobius laevigatus F. (Col., Tenebrionidae) in warm dry conditions. Ent. Mon. Mag. 88: 160-161. July 1952. 421 En86

85644 HUGGINS, H. C. Hydrophilus piceus L. at light. Ent. Rec. & J. Variation 64:228. July/Aug.1952. 421 En89

85645 HURPIN, B., and MAILLARD, J. Remarques sur la biologie d'Amphimallon solstitialis L. (Col. Scarabaeidae). Soc. Ent. de France. B. 57:58-60. 1952. 420 F84B

85646 ITZEROTT, H. Geräte und mittel zur maikäferbekämpfung. Pflanzenschutz 4:33-35. Mar. 1952. 464.8 P48

Melolontha melolontha.

85647 JEANNEL, R. Psélaphides recueillis par N. Leleup au Congo Belge. Mus. du Congo Belge. Ann. Sci. Zool. 10,80 p. 1951. 515 M97A

Includes new species in Trissemus, Bothriotelus n.g., Centrophthalmus, Philiopsis, Batoxyla, Centrophthalmosis, Zethopsinus, Haploplectus n.g., Pseudoplectus, Euplectus, Trabisus, Hypotrabisus n.g., Camptomites, Raffrayia, Baxyris, Batristellus, Parabatrisus, Mestogaster, Camaldus, Eleodimerus, Apharina, Hemicliarthrus n.g., Catoxyomus, Camaldosis n.g., Articerodes, Arthromelus, Ctenistes, Ipsimodes n.g., Stilipalpus n.g., and Seydelites n.g.

85648 JEDLIČKA, A. Neue Carabiden aus der sammlung des Ungarischen Naturwissenschaftlichen Museums in Budapest (Col.). Országos Természettudo. Múz. Evkön. (n.s.)2:79-93. 1952. 410.9 B85E

In Perileptus, Tetragonoderus, Agonum, Scybalicus, Catascopus, Dianella n.g., Microlestes and Taphoxenus.

85649 JOHN, H. Fünf neue Aphanocephalus-arten (Col., Notiophygidae) aus Neu-Guinea. Országos Természettudo. Múz. Evkön. (n.s.)2:67-70. 1952. 410.9 B85E

85650 KALIK, V. Neue Dermestiden aus der paläarktischen fauna (Col.). 5. Országos Természettudo. Múz. Evkön. (n.s.)2:75-77. 1952. 410.9 B85E

Includes new species in Dermestes and Megatoma.

85651 KASZAB, Z. Eine neue Lydus-art aus Kleinasien, nebst einer bestimmungstabelle der bisher bekannten arten der gattung Lydus sensu stricto (Col., Meloidae). Országos Természettudo. Múz. Evkön. (n.s.) 2:95-99. 1952. 410.9 B85E

85652 KNULL, J. N. A new species of Xenorhipis from Texas (Coleoptera: Buprestidae). Ent. News [Philadelphia] 63:177-178. July 1952. 421 En88

85653 LANGE. Kornkäfer [Leptinotarsa decemlineata] bedrohen die neue ernte! Landwirtbl. Weser-Ems 99:707-708. July 17,1952. 18 L2345

85654 LA RIVERS, I. The cerambycoid semi-aquatic Coleoptera of the Nevada area. Great Basin Nat. 11:97-104. Dec.29,1951. 410 G79

85655 LAST, H. R. Taxonomic notes on Quedius molochinus Grav. and Q. pallipes Lucas (Col., Staphylinidae). Ent. Mon. Mag. 88:148-150. July 1952. 421 En86

85656 LENGERKEN, H. V. Zur brutbiologie des spanischen mondhornkäfers (Copris hispanus L.). Biol. Zentb. 70:418-432. 1951. 442.8 B523

85657 LE PELLEY, R. H., and GODDARD, W. H. On the control by insecticides of Heteronychus consimilis Kolbe (Dynastidae), a serious pest of wheat in Kenya. B. Ent. Res. 43:403-406. July 1952. 421 B87

Tests with benzene hexachloride and aldrin.

85658 MCCOMB, D., and KNOWLTON, G. F. Notes on Calendridae (Coleoptera). Ent. News [Philadelphia] 63: 178-179. July 1952. 421 En88

85659 MALKIN, B. Record of Stenomorpha consobrina from Washington and Oregon (Coleoptera: Tenebrionidae). Pan-Pacific Ent. 28:162. July 1952. 421 P193

New geographical record for Oregon.

85660 MERKER, E. Das wetter der jahre 1939 bis 1950 und sein einfluss auf die massenvermehrung des grossen fichtenborkenkäfers in Südbaden. Allg. Forst- u. Jagdztg. 123:213-233. (Cont.) Aug.15,1952. 99.8 AL3

85661 MIHOV, A., and TSIKOV, D. Summer plantings of pea as a measure for preventing the damages caused by pea weevil [Bruchus pisorum]. (In Bulgarian.) Bulgarska Akad. na Nauk. Biol. Inst. Izv. 2:67-82. Ref. 1951. 442.9 B87

English summary.

85662 MIKSIC, R. Beitrag zur kenntnis der Scarabaeidenfauna der Herzegowina. (In Serbo-Croatian.) Biol. Inst. God. 3:219-224. Ref. 1950,pub.1951. 442.9 Sa73

German summary.

85663 MIKSIC, R. Notizen über die Scarabaeiden der jugoslawischen fauna. II. (In Serbo-Croatian.) Biol. Inst. God. 4:59-88. 1951. 442.9 Sa73

German summary.

85664 MIKSIĆ, R. Ein weiterer beitrag zur kenntnis der art Purpuricenus budensis Goeze (Coleoptera — Cerambycidae). (In Serbo-Croatian.) Biol. Inst. God. 3: 259-262. 1950,pub.1951. 442.9 Sa73
German summary.

85665 MÜLLER, G. Some Laemostenus of the group Antisphodrus Schaufuss (Coleoptera, Carabidae). (In Italian.) Soc. Ent. Ital. Mem. 30:106. 1951. 420 It1M

85666 NEW SOUTH WALES. DEPT. OF AGRICULTURE. ENTOMOLOGICAL BR. The vegetable weevil (Listroderes obliquus). Agr. Gaz. N. S. Wales 63:268-269. May 1952. 23 N472

85667 NEW SOUTH WALES. DEPT. OF AGRICULTURE. ENTOMOLOGICAL BR. Wood borers. N. S. Wales. Dept. Agr. Insect Pest L. 21,6 p. 1952. 423.92 N47
Chiefly Anobium punctatum and Lyctus brunneus.

85668 NICARAGUA. SERV. TECNICO AGRICOLA. DEPT. DE ENTOMOLOGIA. El gorgojo del platano (Cosmopolites sordidus). Nicaragua. Dept. de Ent. C. Ent. 1,6 p.-folder. 1952? 423.92 N51

85669 NUNBERG, M. Występowanie chrabąszcza na terenach Polski. The spread of cockchafer [Melolontha] on forested areas in Poland. Inst. Badawczy Leśn. Prace 66,42 p. Ref. 1951. 99.9 W26

85670 OBERTHUR, K. Die tabakschadlinge Lasioderma serricorne F. und Ephestia elutella Hb. Nachrbl. f. den Deut. Pflanzenschutzdienst (n.s.) 6:61-67. Apr. 1952. 464.9 N11

85671 OGNJEVA, S. Contribution aux données pour le catalogue de Scarabaeidae de la Herzégovine. (In Serbo-Croatian.) Biol. Inst. God. 4:89-94. 1951. 442.9 Sa73
French summary.

85672 PEAKE, F. G. G. On a bruchid seed-borer [Bruchus baudoni] in Acacia arabica. B. Ent. Res. 43: 317-324. July 1952. 421 B87

85673 PIC, M. Coléoptères du globe. Echange 68:1-8. (Cont.) Feb.2-May 3,1952. 420 Ec4
Includes new species in Anthrenus, Rhembastus, Lobatopezus n.g., Platolenes, Amarygmus, Cyriogeton, Plesiophtalmus,[i.e. Plesiophthalmus], Xenorthrius, Cregia [i.e. Cregya], Thriocera, Paraiwongius [i.e. Paraivongius], Doemon [i.e. Daemon], Cyphon, Bruchidius and Pseudopachymerus.

85674 PIC, M. Genres et sous-genre nouveaux d'Hétéromères du Congo (Coléoptères). Rev. de Zool. et de Bot. Africaines 45:253-255. Apr.25,1952. 410 R326
New genera Mimendircaea and Curteustrophinus; new species and subgenus in Eutrapela.

85675 PIC, M. Note rectificative et bibliographique. Soc. Ent. de France. B. 57:66. May 1952. 420 F84B
Anthicus.

85676 PINDUR, W. Kornkäfer bekämpfen! Bauer 5(22):14-16. June 14,1952. 19 B32
Sitophilus granarius.

85677 QUIDET, P. Operation hanneton. Potasse 26: 130-132. July/Aug.1952. 57.8 P84
Melolontha melolontha.

85678 REICHENSPERGER, A. Paussiden des Belgischen Congogebietes. VIII. Rev. de Zool. et de Bot. Africaines 45:271-279. Apr.25,1952. 410 R326
Includes one new species in Paussus.

85679 RISBEC, J. Le ceuthorrhynque des siliques [Ceuthorhynchus assimilis] du colza. — formule pour la détermination de la date des traitements insecticides. Acad. d'Agr. de France. Compt. Rend. 39:353-357. May 14/21,1952. 14 P215Bc

85680 RIVALS, P. Remarques sur la vie du charançon des céréales [Sitophilus granarius]. Terre d'Oc 34:192-194. May 1952. 14 Ar5

85681 ROCKWOOD, L. P. Notes on coccinellids in the Pacific Northwest (Coleoptera). Pan-Pacific Ent. 28: 139-147. Ref. July 1952. 421 P193

85682 ROSA, M. DE. The chestnut "worm." (In Italian.) Gior. di Agr. 62:222. July 20,1952. 16 It1G
Balaninus elephas and its control.

85683 ROSS, E. S. The habitat of two rare Californian Histeridae (Coleoptera). Pan-Pacific Ent. 28:135. July 1952. 421 P193

85684 ROUDIER, A. Un Otiorrhynchus (Col. Curculionidae) nouveau pour la France dans les jardins de la banlieue parisienne. Soc. Ent. de France. B. 57:66-68. May 1952. 420 F84B

85685 RUI, D. Infestations of May beetles [Rhizotrogus] in Venetia. (In Italian.) Informatore Agr. 8(12):4. (Concl.) May 6,1952. 281.8 In32

85686 SCHAEFER, L. Notes biologiques sur les Buprestides. Soc. Linn. de Lyon B. Mens. 20:231-236. (Cont.) Dec.1951. 505 L992B

85687 SCHEDL, K. E. Bestimmungstabellen der paläarktischen borkenkäfer. V. Mitt. der Forstl. Bundes-Versanst. Mariabrunn 47:74-100. 1951. 99.8 M69
98. Beitrag zur morphologie und systematik der Scolytoidea.
Includes Dendrotrypum n.g.

85688 SCHIMITSCHEK, E. Der ernährungs- und überwinterungsfrass des Phloeosinus bicolor Brull. (Ph. aubei Perris). Mitt. der Forstl. Bundes-Versanst. Mariabrunn 47:101. 1951. 99.8 M69

85689 SCHRODTER, H., and NOLTE, H. W. Freilanduntersuchungen über den einfluss der temperatur auf eiablage und larvenentwicklung des mohnkapselrüsslers Ceuthorrhynchus macula-alba. Nachrbl. f. den Deut. Pflanzenschutzdienst (n.s.) 6:67-72. Ref. Apr.1952. 464.9 N11

85690 SIDOR, C. Root chewer. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(8/9):18-19. May 1952. 21.5 V87
Capnodis tenebrionis and Perotis lugubris.

85691 SMITH, K. G. The spraying of bags of cocoa beans with a macrodosage of DDT against Ephestia and Tribolium. B. Ent. Res. 43:313-315. July 1952. 421 B87

85692 SPILLER, D. A note on the toxicity of boric acid to larvae of the two-toothed longhorn Ambeodontus tristis F. New Zeal. J. Sci. & Technol. B, Gen. Res. Sect. 33:493-494. May 1952. 514 N48B
In wood preservation.

85693 SPILLER, D. A study on control of infestations of the common house borer Anobium punctatum De Geer. I. New Zeal. J. Sci. & Technol. B, Gen. Res. Sect. 33:447-459. May 1952. 514 N48B

85694 SPITTLE, R. J. The coleopterous fauna of grey squirrels' dreys. Ent. Mon. Mag. 88:163-164. July 1952. 421 En86

85695 STEPANOV, V. N. New species of Agrilus which causes damage to Caragana arborescens plantings in the shelterbelts of Stalingrad Region (Coleoptera, Buprestidae). (In Russian.) Zool. Zhur. 31:272-275. Ref. Mar./Apr.1952. 410 R92

85696 STEPHAN, F. Kartoffelkäferbekämpfung. Bauer 5(22):13-14. June 14,1952. 19 B32
Leptinotarsa decemlineata.

85697 STRANEO, S. L. Two new species of Caecocaelus from the Belgian Congo. (Col. Carabidae). (In Italian.) Rev. de Zool. et de Bot. Africaines 45:222-224. Apr.25,1952. 410 R326

85698 TAO, C. C., and LEE, S. S. Report on the insecticidal control of turnip flea beetle [Phyllotreta vittata] of crucifer. (In Chinese.) Agr. Res. 2(4):61-67. Dec.1951. 22.5 Ag823
English summary.

85699 UHMANN, E. Proposed use of the plenary powers for the purpose of suppressing the generic name "Lobacantha" Kibry, 1837, and thus rendering available the name "Platypria" Guérin-Méneville, 1840 (class Insecta, order Coleoptera) (115, Contribution to a knowledge of the Hispinae (Coleoptera, Chrysomelidae)). B. Zool. Nomencl. 6:266-267. July 23,1952. 410 B874

85700 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Japanese beetle [Popillia japonica]. U. S. Bur. Ent. & Plant Quar. B. E. P. Q.-Q. 48,4 p. June 4, 1952. 1 F31

85701 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. White-fringed beetle [Graphognathus leucoloma] amendment of regulated areas. U. S. Bur. Ent. & Plant Quar. B.E.P.Q.-Q.72,3 p. July 5,1952. 1 F31

85702 WETTSTEIN, O. Über eine zucht von Tetropium fuscum. Mitt. der Forstl. Bundes-Versanst. Mariabrunn 47:42-69. 1951. 99.8 M69

85703 YOSHIDA, M. Ecological researches on the wire-worm, Melanotus caudex Lewis. 2-3. (In Japanese. Shizuoka U. Fac. Agr. Rpt. 1:28-54. 1951. 107.6 Iw92
English summary.

85704 ZACHER, F. Die nährpflanzen der samenkäfer. Z. f. Angew. Ent. 33:460-480. Ref. Apr.1952. 421 Z36
Bruchidae.

DIPTERA

85705 ADAMOVIC, Z. Contribution à la connaissance de Dysmachus bilobus Loew (Asilidae-Diptera). (In Serbo-Croatian.) Biol. Inst. God. 3:205-212. 1950,pub.1951. 442.9 Sa73
French summary.

85706 AKWEI, E. Planning the control of sleeping sickness: a sequel. Roy. Soc. Trop. Med. & Hyg. Trans. 46:437-448. Ref. July 1952. 448.9 R813
Includes Glossina as vector of the disease on African Gold Coast.

85707 ALESSANDRO, G. D', MARIANI, M., and GAGLIANI, M. Is resistance to DDT of Musca domestica diminished in generations reared in the absence of the insecticide? (In Italian.) Soc. Ital. di Biol. Sper. B. 27:1746-1748. Dec.1951. 442.8 So12

85708 BAER, J. G. Le mâle d'un Phoride commensal des Achatines de la forêt tropicale africaine (communication préliminaire.). Rev. Suisse de Zool. 59:239. June 1952. 410 R324
Wandolleckia achatinae a synonym of W. biformis.

85709 BARNARD, C. C. Yaws and flies. II. J. Trop. Med. & Hyg. 55:135-141. Ref. June 1952. 448.8 J827

85710 BARTLETT, B. R. A study of insecticide resistance in strains of Drosophila melanogaster Meig. Canad. Ent. 84:189-205. Ref. July 1952. 421 C16

85711 BIGGS, H. E. J. Myolepta luteola (Gmelin) not M. potens (M. Harris) (Dipt., Syrphidae) in East Anglia. Ent. Mon. Mag. 88:153. July 1952. 421 En86

85712 BOLLOW, H. Die gallmücke Dasyneura affinis Kieff. als schädling der veilchen. Pflanzenschutz 4: 32-33. Mar.1952. 464:8 P48

85713 BORCHERT, A. Die dasselfliegen. Tierzucht 6:111-114. Apr.1952. 49 T443
Hypoderma bovis and H. lineatum.

85714 BUCHER, N. Zur entwicklung röntgenbestrahlter ovarien von Drosophila melanogaster. Schweiz. Gesell. f. Vererbforsch. Jahresber. 11:479-482. 1951, pub.1952. 443.9 Sch9

85715 CALLAN, E. M. Observations on the distribution of Tabanidae in the Caribbean area, with new records of species from Trinidad, B.W.I. (Diptera). Psyche 59: 37-40. Mar.1952. 421 P95

85716 CIAMPOLINI, M. New contribution to the knowledge of the action of phosphoric esters on Dacus oleae Gmel. (In Italian.) Redia 36:423-431. 1951. 421 R241

85717 COLE, F. R. New bombyliid flies reared from anthophorid bees (Diptera: Brachycera). Pan-Pacific Ent. 28:126-130. July 1952. 421 P193
In Anthrax and Villa.

85718 COLLIN, J. E. Syrphus malinellus sp. n. (Diptera, Syrphidae). Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 21:35-36. Feb.16,1952. 420 L84Pb

85719 COLLINS, D. L., TRAVIS, B. V., and JAMNBACK, H. The application of larvicide by airplane for control of blackflies (Simuliidae). Mosquito News 12:75-77. June 1952. 421 M85

85720 COLYER, C. N. Notes on two of Bridarolli's species of Megaselia (Dipt. Phoridae) from Kivu (Belgian Congo). Rev. de Zool. et de Bot. Africaines 45:383-384. Apr.25,1952. 410 R326

85721 CORRADETTI, A. Epidemiological investigation on leishmaniasis of the skin in Abruzzo and direct experience with the total breakdown of transmission (1948-1950). (In Italian.) Ist. Super. di Sanit. Rend. 15: 181-187. 1952. 449.9 R66
English summary.
Flebotomus in buildings sprayed with DDT.

85722 COUTIN, R. Trois cecidomyies de végétaux herbacés décoratifs. B. Hort. (n.s.)7:177-180. Ref. June 1,1952. 80 B873
Dasyneura and Diarthronomyia spp.

85723 COUTURIER, A. Hyperecteina longicornis Fall. (Dipt. Tachinidae) parasite nouveau d'Amphimallon solstitialis L. Soc. Ent. de France. B. 57:61-64. Ref. 1952. 420 F84B

85724 DASKALOV, P., VISHNIAKOV, IU., and KALOIANOV, V. Expériments en série sur la lutte contre la varron des bovidés au moyen de la poudre DDT 20% et de la décoction de la racine du Veratrum album de provenance locale. (In Bulgarian.) Bulgarska Akad. na Nauk. Inst. po Eksper. Vet. Med. Izv. 1:197-2[illegible] . Ref. 1951. 41.9 B87
French summary.

85725 DETHIER, V. G., and YOST, M. T. Olfactory stimulation of blowflies by homologous alcohols. J. Gen. Physiol.35:823-839. Ref. July 20,1952. 447.8 J822
Tests with Phormia regina.

85726 DITMAN, L. P. The vinegar gnat [Drosophila repleta]: tomato problem of 1952. Canning Trade 75(4): 7-8. Aug.11,1952. 286.83 T67

85727 ESTHER, H., and REICHARDT, H. Untersuchungen über das versagen der fliegenbekämpfung mit DDT-präparaten im jahre 1951. Nachrbl. f. den Deut. Pflanzenschutzdienst n.s. 6:73-75. Apr.1952. 464.9 N11

85728 FENILI, G. A. New contribution to the knowledge of the biology of the cherry fruit fly (Rhagoletis cerasi L.) and methods for controlling it. (In Italian.) Redia 36:267-275. 1951. 421 R241

85729 FENILI, G. A. Observations on the action of some chlorinated hydrocarbon insecticides on Dacus oleae Gmel. (In Italian.) Redia 36:231-244. 1951. 421 R241

85730 FINGERMAN, M., and BROWN, F. A., JR. A "Purkinje shift" in insect vision. Science 116:171-172. Aug.15,1952. 470 Sci2
In Drosophila melanogaster.

85731 FINGERMAN, M. The role of the eye-pigments of Drosophila melanogaster in photic orientation. J. Expt. Zool. 120:131-164. Ref. June 1952. 410 J825

85732 FRITZ-NIGGLI, H. Erste biologische versuche mit dem 31-MeV-betatron. Schweiz. Gesell. f. Vererbforsch. Jahresber. 11:454-459. 1951,pub.1952. 443.9 Sch9
Drosophila melanogaster.

85733 GIBSON, C. L., and ASCOLI, W. F. The relation of Culicoides (Diptera: Heleidae) to the transmission of Onchocerca volvulus. J. Parasitol. 38:315-320. Ref. Aug.1952. 448.8 J824

85734 GOODMAN, D. Feed stops warbles [Hypoderma bovis] in cattle. Pacific Stockman 18(8):18,28. Aug.1952. 286.85 W52

85735 GOWEN, J. W. Hybrid vigor in Drosophila. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.474-493. Ames,Iowa State Col. Press,1952. 443 G74

85736 GRANDORI, R., GRANDORI, L., and CARE', E. On the presence of giant cells in the central nervous system of Musca domestica L. (In Italian.) Bi di Zool. Agr. e Bachicolt. 17:93-99. 1951. 423.92 B63

85737 HAAS, J. N. The growth of muscle fibers in the larva of Drosophila melanogaster. Fordham U. Diss. 18:6-7. 1951. 241.8 F75

85738 HADORN, E. Chromatographische trennung und messung fluoreszierender stoffe bei augenfarbmutanten von Drosophila melanogaster. Schweiz. Gesell. f. Vererbforsch. Jahresber. 11:470-475. Ref. 1951,pub. 1952. 443.9 Sch9

85739 HARNISCH, O. Anaerobe gasblasenbildung bei einigen roten chironomidenlarven. Biol. Zentbl. 70:531-534. 1951. 442.8 B523

85740 HENRARD, C. Une tsé-tsé nouvelle du groupe "fusca", Glossina vanhoofi, sp. nov. Rev. de Zool. et de Bot. Africaines 45:193-197. Apr.25,1952. 410 R326

85741 HOCKING, B., and RICHARDS, W. R. Biology and control of Labrador black flies (Diptera : Simuliidae). B. Ent. Res. 43:237-257. Ref. July 1952. 421 B87

85742 HOCKING, B. Protection from northern biting flies. Mosquito News 12:91-102. Ref. June 1952. 421 M85

85743 HOYT, C. P. The evolution of the mouth parts of adult Diptera. Microentomology 17:61-125. July 15, 1952. 421 M58

85744 JAMES, M. T. The Ethiopian genera of Sarginae, with descriptions of new species. Wash. Acad. Sci. J. 42:220-226. July 1952. 500 W276J
Includes new species in Chloromyia and Ptecticus; new subgenus in Paraptecticus.

85745 JAMNBACK, H. The importance of correct timing of larval treatments to control specific blackflies (Simuliidae). Mosquito News 12:77-78. June 1952. 421 M85

85746 JANES, R. L. Controlling of flies on dairy animals and in barns. Mich. Milk Messenger 35(3):4,7. July 1952. 44.8 M582

85747 JEFFERSON, R. N., and EADS, C. O. Control of leaf miners and other insect pests of Asters. J. Econ. Ent. 45:476-481. June 1952. 421 J822
Chiefly Liriomyza langei.

85748 KATO, M., and HORI, K. Studies on the associative ecology of insects. V-VI. Tôhoku U. Sci. Rpt. Ser. 4 (Biol.) 19:231-246. Ref. Mar.1952. 513 T574Ab
V, Synecological analysis of Drosophila association in Sendai, Japan; VI, Larval association of flies during the summer in Sendai and its vicinity, Japan.

85749 KIDD, L. N. The Albert E. Wright collection of Syrphidae (Dipt.) Ent. Mon. Mag. 88:153. July 1952. 421 En86

85750 KOLOMIETS, N. G. New species of the genus Masicera from Siberia (Diptera, Larvivoridae)—parasite of the Siberian moth [Dendrolimus sibiricus]. (In Russian.) Zool. Zhur. 31:297-304. Mar./Apr.1952. 410 R92

85751 LAURENCE, B. R. The prey of some Empididae and Dolichopodidae (Dipt.). Ent. Mon. Mag. 88:156-157. July 1952. 421 En86

85752 LI, C. S., and CHIU, S. F. A study of the rice gall midge, Pachydiplosis oryzae Wood-Mason. (In Chinese.) Agr. Res. 2(4):1-13. Ref. Dec.1951. 22.5 Ag823
English summary.

85753 MARINO, M. T. P. Italian Pangonini (Diptera, Tabanidae) and their position in the Palearctic fauna. (In Italian.) Redia 36:277-290. Ref. 1951. 421 R241

85754 MARTIN, H. Essais de lutte contre la mouche méditerranéenne des fruits (Ceratitis capitata Wied) sur pêches tardives en Provence. Phytoma 35:20-21. Mar. 1952. 464.8 P563

85755 MELIS, A. Experiments in controlling the olive fruit fly [Dacus oleae] on the coast of Tuscany in 1950. (In Italian.) Redia 36:111-169. 1951. 421 R241

85756 MESNIL, L. Larvaevorinae (Tachininae). In Lindner, E. Die fliegen der palaearktischen region, lief. 168,p.209-256. Stuttgart,1952. 428 L642
Includes new species in Pexopsis, Thelairosoma, Hygia n.g., Tamaromyia n.g., Sturmiopsis, Elodimyia n.g., and Sigelotroxis.

85757 MIÈGE, E. La lutte contre la Cératite. Inform. Marocaine 600:1,4. July 12,1952. 281.8 In3
Ceratitis capitata.

85758 MORRIS, K. R. S. The ecology of epidemic sleeping sickness. II. The effects of an epidemic. B. Ent. Res. 43:375-396. Ref. July 1952. 421 B87

85759 OSTROVSKIĬ, N. I. Measures for controlling the beet miner fly [Pegomya hyoscyami betae]. (In Russian.) Sovet. Agron. 10(7):91-92. July 1952. 20 So84

85760 PARMENTER, L. Notes on the Asilidae (robber flies). Ent. Rec. & J. Variation 64:229-234. (Cont.) July/Aug.1952. 421 En89

85761 PARROT, L., and BELLON, J. Notes sur les phébotomes. LXIV. Phlébotomes du Ouaddai. Inst. Pasteur d'Algérie. Arch. 30:60-63. Mar.1952. 448.3 In7A

85762 PEUS, F. Cylindrotomidae. In Lindner, E. Die fliegen der palaearktischen region, lief. 169,p.1-80. Stuttgart,1952. 428 L642
Includes new species in Cylindrotoma.

85763 PINDUR, W. Jetzt fliegenbekämpfung. Bauer 5(26):14-15. July 26,1952. 19 B32

85764 PLAUT, N. Spraying according to the Vulus system for olive fly [Dacus oleae] control. Hassadeh 32: 346-347. (Concl.) Apr.1952. 26 H27

85765 POTTS, W. H., and JACKSON, C. H. N. The Shinyanga Game Destruction Experiment. B. Ent. Res. 43:365-374. July 1952. 421 B87

85766 RAO, S. N. Some new species of gall midges (Diptera: Itonididae) from India. Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 21:49-55. Apr.15,1952. 420 L84Pb
Includes new species in Haplusiella n.g., Lasioptera, Amraemyia and Schizobremia.

85767 REES, D. M., and SMITH, J. V. Control of biting gnats [Leptoconops kerteszi americanus] in North Salt Lake City, Utah (Diptera: Heleidae). Mosquito News 12:49-52. June 1952. 421 M85

85768 RIOUX, J. A. Culicoïdes pulicularis L. dans les Cévennes méridionales. Ann. de Parasitol. Humaine et Compar. 27:480. 1952. 436.8 An7

85769 ROSIN, S. Veränderungen des borstenmusters bei der mutante pearl von Drosophila melanogaster. Rev. Suisse de Zool. 59:261-268. June 1952. 410 R324

85770 ROUBAUD, E. La Glossina palpalis des zones cotières a palétuviers de Douala (Cameroun français). Soc. de Path. Exot. B. 45:389-395. 1952. 448.9 So13

85771 SARÀ, M. Zoological research in the Pollino mountains (Lucania-Calabria). II. Three new species in the genera Clytocerus, Pericoma and Telmatoscopus (Dipt. Psychodidae). (In Italian.) Napoli. U. Ist. e Mus. di Zool. Annu. 3(10),10 p. Dec.1951. 410.9 N1622
English summary.

85772 SCHATZ, E. Uber die formbildung der flügel bei hitzemodifikationen und mutationen von Drosophila melanogaster. Biol Zentbl. 70:305-353. Ref. 1951. 442.8 B523

85773 SCHMITZ, H. Myrmekophile und termitophile Phoriden (Diptera), von S. Patrizi und F. Meneghetti in Africa gesammelt. Bologna. U. Ist. di Ent. B. 18:128-166. 1950/51,pub.1952. 420 B63
New species in Psyllomyia, Aenigmatopoeus, Alamira n.g., Mesopathusa n.g., Coridophora n.g., Puliciphora; also new subfamily Alamirinae.

85774 SCHÖNE, P. Die kirschfruchtfliege muss verschwinden! Bauern-Ztg. 5(31):9-10,19. Aug.1,1952. 18 B324
Rhagoletis cerasi.

85775 SEARLS, E. M. Keeping cows fly-free. Butter, Cheese & Milk Prod. J. 43(8):30-31,36,38-39. Aug.1952. 286.85 B98Bu

85776 SEARLS, E. M. Keeping cows fly-free. Milk Dealer 41(10):44-45,52,54. July 1952. 44.8 M595

85777 SQUIRE, F. A. On the sex ratio in Glossina. B. Ent. Res. 43:231-235. July 1952. 421 B87

85778 STERN, C., and others. The viability of heterozygotes for lethals. Genetics 37:413-449. Ref. July 1952. 442.8 G28
G. Carson, M. Kinst, E. Novitski, and D. Uphoff, joint authors.
Lethals in Drosophila melanogaster tested.

85779 SYNGRASSIDES, A. J. Experiments on Mediterranean fruit fly [Ceratitis capitata]. Countryman [Nicosia] 6(6):14-17. June 1952. 25 C83

85780 THEODOR, O. On the zoogeography of some groups of Diptera in the Middle East. Istanbul. U. Fen Fakül. Mecmuasi. Ser. B, Tabii Ilimler 17:107-109. Apr. 1952. 475 Is7

85781 TOKUNAGA, M. Some Javanese biting midges (Ceratopogonidae, Diptera). Saikyo U. Facul. Agr. Sci. Rpt. 1:101-110. Apr.1951. 22.5 K99
Includes new species in Culicoides.

85782 VAILLANT, F. Contribution à l'étude des Dolichopodidae d'Algérie (Diptères). I. Soc. d'Hist. Nat. de l'Afrique du Nord. B. 41:35-40. Ref. May/June 1950, pub.1952. 410.9 So125

85783 VARELA, A. La mosca oriental de la fruta problema internacional. Tierra [México] 7:394-397. June 1952. 8 T445
Dacus dorsalis.

85784 VENTURI, F. Dipterological notes. IV. On the generic characteristics of Pseudonapomyza dianthicola Vent. (Dipt., Agromyzisae). (In Italian.) Redia 36:433-437. 1951. 421 R241

85785 VIEIRA, R. The fruit fly [Ceratitis capitata]—its economic importance in Madeira. (In Portuguese.) Frutas da Madeira 12:221,224-225. May 1952. 286.83 F9422

85786 VOGEL, W. Die verwendung von parathion zur bekämpfung der kirschenfliege (Rhagoletis cerasi L.). Anz. f. Schädlingsk. 25:100-102. July 1952. 421 An9

85787 VOGELSANG, E. G. Miasis lingual del bovino (Bos taurus) por Cochliomyia hominivorax (Coquerel, 1858) [i.e.Callitroga americana]. Rev. de Med. Vet. y Parasitol. 10:105-109. Jan./Dec.1951. 41.8 R3293

85788 WILLIAMS, D. D., and MILLER, D. D. A report on Drosophila collections in Nebraska. Nebr. U. State Mus. B. 3(7),19 p. Mar.1952. 500 N272

85789 WIRTH, W. W. The Heleidae of California. Calif. U. P. Ent. 9:95-266. Ref. 1952. 500 C125E
Includes new species in Leptoconops, Atrichopogon, Forcipomyia, Dasyhelea, Culicoides, Helea, Alluaudomyia, Stilobezzia, Serromyia, Neurohelea, Clinohelea, Johannsenomyia, Sphaeromias, Palpomyia and Bezzia.

85790 ZIMIN, L. S. On distinguishing characteristics of cabbage flies, Hylemya brassicae Bche. and H. floralis Fall. (Diptera, Anthomyidae). (In Russian.) Zool. Zhur. 31:292-296. Ref. Mar./Apr.1952. 410 R92

85791 ZORASTER, A. Don't be a fly breeder! Natl. Rabbit Raiser & Poultry Grower 19(11):33-34. July 1952. 40.28 R11
Control on poultry farms.

85792 ZUMPT, F. Remarks on the classification of the Ethiopian Sarcophaginae with descriptions of new genera and species. Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 21:1-18. Ref. Feb.16,1952. 420 L84Pb
New genera Termitometopia, Paraphylloteles, Senotainiella and Xiphidiella; new species in Senotainia.

Culicidae

85793 BEADLE, L. D. Eastern equine encephalitis in the United States. Mosquito News 12:102-107. Ref. June 1952. 421 M85
Mosquitoes as vectors.

85794 BUSVINE, J. R. The mosquito eradication campaign in Cyprus. (Abs.) Roy. Ent. Soc. London. Proc. Ser. C, J. Mtg. 16:26. 1951/52. 420 L84Pc

85795 CLARK, E. W., and BALL, G. H. Differences in amino acid distribution in mosquitoes of the genus Culex. (Abs.) J. Parasitol. 38(4,sect.2):37-38. Aug. 1952. 448.8 J824

85796 DOBY, J. M., and VERMEIL, C. Gîtes tunisiens à Anopheles multicolor et prophylaxie antipaludique. Ann. de Parasitol. Humaine et Compar. 27:481-482. Ref. 1952. 436.8 An7

85797 FENNER, F., and DAY, M. F. Contrasting methods of transmission of animal viruses by mosquitoes. Nature [London] 170:204. Ref. Aug.2,1952. 472 N21

85798 GERRY, B. I., and DOANE, O. W., JR. The diversified program prerequisite to effective mosquito control on Cape Cod. Mosquito News 12:69-72. June 1952. 421 M85

85799 GJULLIN, C. M., LINDQUIST, A. W., and BUTTS, J. S. Radio-DDT studied. Agr. Chem. 7(8):70. Aug.1952. 381 Ag8
In control of mosquitoes and other insects.

85800 GRIFFITHS, A. E., and WHITE, O. E. A study of adult mosquito control with aerosols at Fort Lauderdale, Florida. Mosquito News 12:83-86. June 1952. 421 M85

85801 GRUNDMANN, A. W., NEWSON, H. D., and WARNOCK, R. G. Non-human malaria in mosquitoes and the English sparrow, Passer domesticus Linn., in the vicinity of Salt Lake City, Utah. Mosquito News 12:53-57. Ref. June 1952. 421 M85

85802 HANCOCK, C. Now it's atomic mosquitoes. Prog. Farmer, Miss.-Ark.-La. Ed. 67(8):103. Aug.1952. 6 So81

85803 HANSEN, C. A. The CDC program related to water resources development. Mosquito News 12:64-68. June 1952. 421 M85
Georgia.

85804 HARANT, H., RIOUX, J., and UZAC, S. Un Culicide nouveau pour la france: Uranotænia unguiculata Edw., etude écologique. Ann. de Parasitol. Humaine et Compar. 27:407-418. Ref. 1952. 436.8 An7

85805 HARRISON, C. M. The resistance of mosquitoes to insecticides. Trop. Dis. B. 49:467-470. Ref. May 1952. 448.8 T752
To DDT mainly.

85806 HIRST, J. M. Mosquito control: extensive versus intensive techniques. Mosquito News 12:72-74. June 1952. 421 M85

85807 HOFFMAN, R. A., and LINDQUIST, A. W. Residual and space sprays for the control of snow-water Aedes mosquitoes in camp areas. Mosquito News 12:87-91. June 1952. 421 M85

85808 KARTMAN, L., and REPASS, R. P. The effects of desiccation on the eggs of Anopheles quadrimaculatus Say. Mosquito News 12:107-110. June 1952. 421 M85

85809 KARTMAN, L. On the frequency of mosquitoes with different intensities of dirofilarial infection. (Abs.) J. Parasitol. 38(4,sect.2):39-40. Aug.1952. 448.8 J824

85810 KITZMILLER, J. B. Inbred strains of Culex mosquitoes (Diptera: Culicidae). (Abs.) J. Parasitol. 38 (4,sect.2):38. Aug.1952. 448.8 J824

85811 MANDOUL, R., and PESTRE, A. Conception actuelle de la pathologie générale des paludismes humains. Algérie Méd. 56:253-276. Ref. May 1952. 448.8 AL3
Includes mosquitoes as vectors.

85812 MARCONDES, M. N., and others. Assistance given by the Section of General Epidemiology and Prophylaxis to the Commission appointed to study the problem of the mosquito in São Paulo. (In Portuguese.) Arq. de Hig. e Saúde Púb. 16:219-226. Dec.1951. 449.8 Ar6
F. de O. Lima, A. M. Albuquerque, and J. de Morais Jr, joint authors.
English summary.

85813 MICKS, D. W., and KITZMILLER, J. B. Techniques for rearing Culex mosquitoes. (Abs.) J. Parasitol. 38(4,sect.2):40. Aug.1952. 448.8 J824

85814 MORRILL, A. W., JR., and others. Mosquito control on army posts in the Far East. Mosquito News 12:110-115. June 1952. 421 M85
A. N. Dandoy, M. S. Johnson, J. F. Poole, and R. H. Vincent, joint authors.

85815 MOSQUITOES: headache in California. West. Livestock J. 30(42):42-43,61,63. July 15,1952. 6 F2278
Control measures.

85816 MULRENNAN, J. A., and MINNICH, V. S. Future outlook of mosquito control in Florida. Mosquito News 12:60-61. June 1952. 421 M85

85817 OMORI, N., and SAKAKIBARA, M. Considerations on the recent decline, in the numbers of an anopheline mosquito, Anopheles hyrcanus var. sinensis Wiedemann, in the so-called Sabae district of Fukui Prefecture. Kitasato Arch. Expt. Med. 24:425-428. Mar.1952. 448.8 K64

85818 PELLISSIER, A., and TRINQUIER, E. Existence a Brazzaville du virus de l'ictère épidemique d'Oubangui. Role des moustiques dans sa transmission. Soc. de Path. Exot. B. 45:304-305. 1952. 448.9 So13

85819 PETERS, R. F. The path of least resistance in California mosquito control. Mosquito News 12:79-80. June 1952. 421 M85

85820 QUTUBUDDIN, M. A description of the hitherto unknown larva of Theobaldia indica Edwards (Diptera, Culicidae), with a key to larvae of the Pakistan species of Theobaldia Neveu-Lemaire, 1902. Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 21:37-40. Apr.15, 1952. 420 L84Pb

85821 RAGHAVAN, N. G. S., MISRA, B. G., and ROY, R. Filarial infections in mosquitoes. Nature [London] 170:253. Aug.9,1952. 472 N21

85822 REES, D. M., and NIELSEN, L. T. Control of Aedes mosquitoes in two recreational areas in the mountains of Utah. Mosquito News 12:43-49. June 1952. 421 M85

85823 SALT LAKE CITY MOSQUITO ABATEMENT DISTRICT. Summary of the annual report, 1950. Salt Lake City,1951. 12 p. 420 Sa3

85824 SALT LAKE CITY MOSQUITO ABATEMENT DISTRICT. Summary of the annual report, 1951. Salt Lake City,1952. 14 p. 420 Sa3

85825 SCHUH, J. E. The effects of colchicine on the metamorphosis of the ileum and the colon of Culex pipiens Linn. Fordham U. Diss. 18:12-14. 1951. 241.8 F75

85826 SMITH, E. A. The mosquito source reduction program of the Merced County mosquito abatement district. Mosquito News 12:61-64. June 1952. 421 M85
California.

85827 STANSFIELD, E. J. The twenty-fifth year of mosquito control in Greater Winnipeg, Canada. 1951. Mosquito News 12:57-59. June 1952. 421 M85

85828 VAN DERWERKER, R. J. Mosquito control and engineering. Mosquito News 12:123-124. June 1952. 421 M85

85829 VANNOTE, R. L. Report of large scale prehatch dusting for Aedes vexans control in the Passaic River Valley during 1950 and 1951. Mosquito News 12: 81-82. June 1952. 421 M85
With DDT.

HEMIPTERA (~~HETEROPTERA AND~~ HOMOPTERA)

85830 ANDRIANOVA, N. S. New pest of alfalfa in Kazakhstan—Psylla medicaginis, sp. nova (Homoptera, Psyllodea). (In Russian.) Zool. Zhur. 31:270-271. Mar./Apr.1952. 410 R92

85831 ARNOL'DI, K. V., and BOCHAROVA, O. M. On Eurygaster integriceps Put. in the mountains of North-Western Caucasus. (In Russian.) Akad. Nauk SSSR. Dok. 84:633-635. May 21,1952. 511 P444A

85832 BEIRNE, B. P. The Nearctic species of Macrosteles (Homoptera: Cicadellidae). Canad. Ent. 84: 208-232. Ref. July 1952. 421 C16
Includes new species.

85833 CARESCHE, L., and METAYE, R. Etudes concernant la lutte contre deux rhynchotes nuisibles au théier dans le Haut-Donnai. Arch. des Rech. Agron. au Cambodge, au Laos et au Viêtnam 9,31 p. 1951. 22.5 Sa22
Helopeltis theivora and Empoasca flavescens.

85834 CARVALHO, J. C. M. On the major classification of the Miridae (Hemiptera). (With keys to subfamilies and tribes and a catalogue of the world genera). Acad. Bras. de Cien. An. 24:31-110. Mar.31,1052. 516 R473A

85835 CROWDER, H. W. A revision of some phlepsiuslike genera of the tribe Deltocephalini (Homoptera, Cicadellidae) in America north of Mexico. Kans. U. Sci. B. 35:309-541. Ref. July 1,1952. 500 K132S
Includes new species in Texananus, Paraphlepsius and Phlepsanus.

85836 DUDLEY, J. E., JR., and BRONSON, T. E. The pea aphid [Macrosiphum pisi] on peas and methods for its control. U. S. D. A. Farmers' B. 1945.,13 p. Mar. 1952. 1 Ag84F

85837 DÜRR, H. J. R. An apparently new insect pest of fruit. Farming So. Africa 27:293-294. May 1952. 24 So842
Serinetha hexopthelma.

85838 FREITAS, J. L. P. DE, and ALMEIDA, J. P. DE. Serological survey on Chagas' disease, in the municipality of Echaporã, São Paulo State. (In Portuguese.) Arq. de Hig. e Saúde Púb. 16:231-236. Dec.1951. 449.8 Ar6
English summary.
Triatoma infected with Trypanosoma cruzi formerly found in this area.

85839 GALLIARD, H., and BOUTET, R. Chimiothérapie de l'infection à Trypanosoma cruzi chez les réduvidés, Triatoma et Rhodnius. Expt. Parasitol. 1:263-273. June 1952. 436.8 Ex7

85840 GIPPLE, O. B., and CHAMPLAIN, A. B. The seventeen year locust [Magicicada septendecim]. Pa. Forests & Waters 4:50-51,64-65. May/June 1952. 99.8 P38

85841 GRANDORI, R. An enemy that was considered overcome: phylloxera of grapes. (In Italian.) Campagnolo, June 1952(spec.no.):13-15. 16 C15

85842 HACKMAN, R. H., and TRIKOJUS, V. M. The composition of the honeydew excreted by Australian coccids of the genus Ceroplastes. Biochem. J. 51:653-656. Ref. Aug.1952. 382 B52

85843 HALASZFY, C. E. La révision des espèces Sciocoris Fall. (Hémipt., Pentatomidae) de la Hongrie et de ses territoires environnants. Országos Természettudo. Múz. Evkön. (n.s.)2:147-156. 1952. 410.9 B85E

85844 HESLOP-HARRISON, G. Preliminary notes on the ancestry, family relations, evolution and speciation of the homopterous Psyllidae. II. Ann. & Mag. Nat. Hist. (ser.12)5:679-696. Ref. July 1952. 410 An77

85845 HOTTES, F. C. A new species of Amphorophora (Aphididae). Biol. Soc. Wash. Proc. 65:131-133. Aug.5,1952. 500 W272

85846 HUTTEL, W., and HUTTEL, N. Sur un hétéroptère accidentellement hématophage. Ann. de Parasitol. Humaine et Compar. 27:480. 1952. 436.8 An7

85847 JENSEN, D. D. The Euphyllurini of Mexico (Homoptera: Psyllidae). Wasmann J. Biol. 10:37-44. Spring 1952. 442.8 W28
Includes new species in Katacephala and Euphyllura.

85848 JOHNSON, C. G. A new approach to the problems of the spread of aphids and to insect trapping. Nature [London] 170:147-148. Ref. July 26,1952. 472 N21

85849 JU, L. S. A survey of distribution and infestation of sugar cane leaf-miner [Coleophora]. (In Chinese.) J. Sugarcane Res. 6:51-62. Mar.1952. 65.8 J822
English summary.

85850 KENNEDY, J. S. Aphids and plant growth. New Biol. 11:50-65. Oct.1951. 442.8 J63
Aphis fabae and Myzus persicae.

85851 LA GRECA, M., and CESARO, R. Exoskeletal thorax morphology of Tropidothorax leucopterus Goeze. (Hemipt. Heter. Lygaeidae). (In Italian.) Napoli. U. Ist. e Mus. di Zool. Annu. 3(2),23 p. Ref. Mar.1951. 410.9 N1622
English summary.

85852 LESTON, D. Additional distribution records of the Netherlands Heteroptera (Hem.), with a revised generic list of the Miridae. Ent. Ber. 14:84-90. Ref. June 1,1952. 420 N38B

85853 LESTON, D. Notes on the Ethiopian Pentatomidae (Hem.). I. The genotype of Antestia Stal. Rev. de Zool. et de Bot. Africaines 45:268-270. Apr.25,1952. 410 R326
Includes Antestiopsis n.g.

85854 MAGNIN, J. Note préliminaire au sujet des Pseudococcinae de la Côte d'Ivoire. Agron. Trop. [Nogent-sur-Marne] 7:289-291. May/June 1952. 26 Ag86

85855 MAURER, K. J. Die blutlaus. Obst u. Gart. 7:51-52. Apr.1952. 80 Ob75

85856 MELIS, A. Morphological and biological data on Aspidiotus perniciosus Comst. (In Italian.) Redia 36: 1-91. Ref. 1951. 421 R241

85857 METCALF, Z. P. New names in the Homoptera. Wash. Acad. Sci. J. 42:226-231. July 1952. 500 W276J

85858 MÜNSTER, J., and MURBACH, R. L'application d'insecticides contre les pucerons vecteurs des viroses de la pomme de terre peut-elle garantir la production de plants de qualité? Rev. Romande d'Agr. de Viticult. et d'Arboricult. 8:41-43. June 1952. 17 J82A

85859 NOVAK, P., and WAGNER, E. Beitrag zur kenntnis der Hemipteren-fauna Dalmatiens (Hem.-Heteroptera.) (In Serbo-Croatian.) Biol. Inst. God. 4: 59-80. Ref. 1951. 442.9 Sa73
German summary.

85860 OWEN, W. L., JR., HANNA, R. L., and GAINES, J. C. Insecticidal control of greenbugs [Toxoptera graminum] Tex. Livestock J. 11(5):9 May 1952. 49 T49

85861 PEGAZZANO, F. Contribution to the knowledge of the real danger represented by the polyphagous character of Aspidiotus perniciosus Comst. (In Italian.) Redia 36:251-265. Ref. 1951. 421 R241

85862 PEGAZZANO, F. Contribution to the morphological and biological knowledge of Mytilococcus destefanii Leon. (Hemiptera, Coccidae, Diaspinae). (In Italian.) Redia 36:291-299. 1951. 421 R241

85863 PERRET, J. Essais de différents traitements su la "cochenille-virgule" (Lepidosaphes beckii Newm.). Terre Marocaine 26:224-227. June 1952. 24 T44

85864 POPHAM, E. J. Observations on the speed of flight of four species of Corixidae (Hem.). Ent. Mon. Mag. 88:162. July 1952. 421 En86

85865 RUBTSOV, I. A. On controlled variability in connection with food specialization of the willow scale insect [Chionaspis salicis]. (In Russian.) Zool. Zhur. 31: 179-182. Ref. Mar./Apr.1952. 410 R92

85866 SAILER, R. I. A review of the stink bugs of the genus Mecidea. U. S. Natl. Mus. Proc. 102:471-505. Ref. 1952. 500 Sm65P

85867 SALA, R. La mieleta del peral [Psylla piri]. Cult. Mod. 35:218-219. June 1952. 15 C89

85868 SCHMUTTERER, H. Die ökologie der Cocciden (Homoptera, Coccoidea) frankens.1. Z. f. Angew. Ent. 33: 369-420. Apr.1952. 421 Z36

85869 SCHOUTEDEN, H. Ectrichodiinae novae africanae (Hem. Reduviidae). Rev. de Zool. et de Bot. Africaines 45:306-312. Apr.25,1952. 410 R326
In Miomerocerus, Kasaka n.g., Microstemma, Katanga, Triclepola, Ectrichodia, Maraenaspis, Philodoxus, Cleptria, Santosia.

85870 SCHOUTEDEN, H. Harpactorinae et Tegeinae nouvae africanae. Rev. de Zool. et de Bot. Africaines 45: 225-252. Apr.25,1952. 410 R326
In Paramphibolus, Mokoto n.g., Vadimon, Rhinocoris, Agrioclopius, Kaniama n.g., Vatinius, Villiersia n.g., Sphedanolestes, Haematochares, Mastigonomus, Harpagocoris, Parharpagocoris n.g., Massartia n.g., Coranus, Margasus, Nagusta, Polididus, Heterocorideus n.g., Lerton and Phonolibes.

85871 SCHOUTEDEN, H. Salyavatinae, Piratinae, et Rhaphidosominae novae africanae (Hem. Reduv.). Rev. de Zool. et de Bot. Africaines 45:324-329. Apr.25,1952. 410 R326
In Lisarda, Rapites, Ectomocoris, Lestomerus, Lopodytes, Rhaphidosoma.

85872 SCOTT, C. L. The scale insect genus Aulacaspis in eastern Asia (Homoptera: Coccoidea: Diaspididae). Microentomology 17:33-60. June 1,1952. 421 M58
Includes new species.

85873 SERVADEI, A. Notes on Heterogaster urticae F. and on the genus Heterogaster Schill. (Hemiptera, Heteroptera, Myodochidae). (In Italian.) Redia 36:171-220. Ref. 1951. 421 R241

85874 SPENCER, H., OSBURN, M. R., and NORMAN, P. A. Control of purple scale [Lepidosaphes beckii] on citrus with parathion. Citrus Indus. 33(8):16-18. (Cont.) Aug.1952 80 C49

85875 SPILLER, D. Truncated lognormal distribution of red scale (Aonidiella aurantii Mask.) on citrus leaves. New Zeal. J. Sci. & Technol. B, Gen. Res. Sect. 33:483-487. May 1952. 514 N48B

85876 SWIRSKI, E. The life cycle of Hyalopterus pruni F. (Aphididae, Homop.) in Israel. Israel. Res. Council. B. 2:78-79. June 1952. 330.9 Is72B

85877 TAMANINI, L. Physical characteristics which distinguish Lygus basalis Costa from L. kalmi and L. campestris L. (Hemipt. Heter. Miridae). (In Italian.) Napoli. U. Ist. e Mus. di Zool. Annu. 3(4),18 p. June 1951. 410.9 N1622
English summary.

85878 TAMANINI, L. The Stictopleurus of Italy (Heteroptera, Corizidae). (In Italian.) Soc. Ent. Ital. Mem. 30:77-91. 1951. 420 It1M

85879 TAUBITZ, A. Weitere erfahrungen bei der bekämpfung der rübenwanzenkräuselkrankheit. Zucker 5:179-180. Apr.15,1952. 65.8 Z82
Piesma quadrata.

85880 WAGNER, E. Conostethus frisicus nov. spec. eine neue Miriden-art von der deutschen Nordseeküste (Hemipt. Heteropt.) Natwiss. Ver. f. Schleswig-Holstein Schr. 26:5-8. 1952. 509 K54

85881 WALLACE, H. R. Alary dimorphism in Coranus subapterus DeGeer (Hem., Reduviidae). Ent. Mon. Mag. 88:151. July 1952. 421 En86

85882 WEISS, H. B. Unusual abundance of lacebugs in New Jersey during summer of 1951. Ent. News [Philadelphia] 63:179-180. July 1952. 421 En88
Tingidae.

85883 WOOD, S. F. Trypanosoma cruzi revealed in California mice by xenodiagnosis. Pan-Pacific Ent. 28: 147-153. Ref. July 1952. 421 P193
Feeding Triatoma and Paratriatoma upon the mice.

85884 YOUNG, D. A., JR. A reclassification of Western Hemisphere Typhlocybinae (Homoptera, Cicadellidae). Kans. U. Sci. B 35:3-218. Ref. July 1,1952. 500 K132S
Includes new tribe Erythroneurini; new genera Hadralebra, Rabela, Orsalebra, Balera, Diceratalebra, Trypanalebra, Brunerella, Habralebra, Elabra, Rhabdotalebra, Protalebrella, Endoxoneura, Kidrella, Donidea, Dikrellidia, Kunzella, Neodikrella, Sarascarta, Euritia, Saranella, Eupteroidea, Henribautia, Ossiannilssonia, Neojoruma, Paulomanus, Beamerana; new subgenera in Dikraneura, Dikrella, Joruma and Erythroneura.

HYMENOPTERA

85885 BAJARI, A. E. The velvet ants (fam. Mutillidae) of the Middle-Danuvian Basin and the Carpathians. (In Hungarian.) Országos Természettudo. Múz. Evkön. (n.s.)2:101-112. Ref. 1952. 410.9 B85E
English summary.

85886 BEAUMONT, J. DE. La valeur systématique des caractères éthologiques. Rev. Suisse de Zool. 59: 306-313. June 1952. 410 R324
Habits and behavior of Aculeata.

85887 BENOIT, P. L. G. Notes ichneumonologiques africaines. I. Rev. de Zool. et de Bot. Africaines 45:280-286. Apr.25,1952. 410 R326
Includes new species in Encardia and Notaulites.

85888 BENOIT, P. L. G. Revision des espèces continentales du genre Phorotrophus Saussure (Ichneum.-Pimplinae). Rev. de Zool. et de Bot. Africaines 45:330-352. Apr.25,1952. 410 R326

85889 BLANCHARD, E. E. Dos nuevos parasitos de acridios argentinos (Himenoptera: Chalcidoidea). Argentina. Dir. Gen. de Invest. Agr. Rev. de Invest. Agr. 5:295-301. July 1951. 9 R329
Centrodora liebermanni and Anastatus borsanii.

85890 BLANCK, A. Les fourmis nuisibles et les moyens de les combattre. Phytoma 35: 12-17 (Cont.) Ref. Mar.1952. 464.8 P563

85891 BLUNCK, H. Zur kenntnis der hyperparasiten von Pieris brassicae L. 5. Hemiteles similimus sulcatus, die metamorphose. Z. f. Angew. Ent. 33:421-459. Ref. Apr.1952. 421 Z36

85892 BOHM, H. Beitrag zur biologie und bekampfung der apfel- und birenen—sagewespe (Hoplocampa testudinea Klug., Hoplocampa brevis Klug., Hymenopt., Tenthreidinidae). Pflanzenschutzberichte 8:129-149. Ref. June 1952. 464.9 P48
English summary.

85893 BRIAN, M. V. The structure of a dense natural ant population. J. Anim. Ecol. 21:12-24. May 1952. 410 J826

85894 BRIAN, M. V., and BRIAN, A. D. The wasp, Vespula sylvestris Scopoli: feeding, foraging and colony development. Roy. Ent. Soc. London. Trans. 103:1-26. Ref. May 15,1952. 420 I 84

85895 BROWN, W. L., JR. Correction to the synonymy of the ant Camponotus formosensis Wheeler. Psyche 59:19. Mar.1952. 421 P95

85896 BROWN, W. L., JR. Interesting northern records for eastern Hymenoptera (Formicidae and Embolemidae). Psyche 59:12. Mar.1952. 421 P95
Massachusetts.

85897 BROWN, W. L., JR. Mystrium in Australia (Hymenoptera: Formicidae). Psyche 59:25. Mar.1952. 421 P95

85898 DOMENICHINI, G. Parasites and hyperparasites of Pseudococcus citri Risso in Italy and Peru. (In Italian.) B. di Zool. Agr. e Bachicolt. 17:157-180. 1951. 423.92 B63
English summary.
Includes Aenasius masii, new species, and Grandoriella lamasi new genus, new species.

85899 DREISBACH, R. R. Additional new species in the genera Anopompilinus, Anoplius, Pompolinus, and Pycnopompilus (Hymenoptera: Psammocharidae) and corrections of previous papers. Amer. Midland Nat. 48:145-160. July 1952. 410 M58

85900 EMMEL. Ein gefährlicher forstschädling, die kiefernbuschhornblattwespe. Umschau 52:337. June 1, 1952. 474 Um7
Lophyrus pini.

85901 GREGG, R. E. The female of Formica opaciventris Emery (Formicidae). Psyche 59:13-19. Mar. 1952. 421 P95

85902 GRIEBL, H. Nutzen und schaden einiger wespenarten. Osterr. Imker 2:129-130. July 1952. 424.8 Os7

85903 GYORFI, J. Notizen über das genus Pachyceras Rtzb. (Hymenoptera, Chalcidoidea). Országos Természettudo. Múz. Evkön. (n.s.)2:113-117. 1952. 410.9 B85E

85904 HEQVIST, K. J. Some observations on the ravages of the pale sawfly [Diprion pallidum Klug]. (In Swedish.) Svenska Skogsvardsför. Tidskr. 50:221-230. Ref. 1952. 99.8 Sk5

85905 IKEDA, W. S. The Cattleya fly (Eurytoma orchidearum.) Pua Okika o Hawaii Nei 2:3-7. July 1952. 80 P963

85906 JACQUEMIN, P., and VAISSIERE, R. Un cas de piqûres par Scleroderma domestica Lat. Soc. d'Hist. Nat. de l'Afrique du Nord. B. 41:49-50. May/June 1950, pub.1952. 410.9 So125

85907 KEVAN, D. K. M. Ichneumonid (Hym.) parasite of the lesser wax moth (Lep., Galleriidae). Ent. Mon. Mag. 88:168. July 1952. 421 En86
Angitia chrysosticta parasite on Achroia grisella.

85908 LESSE, H. DE. Expéditions polaires françaises (Missions P.-E. Victor); Zoologie. 8. Hymenoptera. Soc. Ent. de France. B. 57:53-58. 1952. 420 F84B
Greenland.

85909 LINSLEY, E. G., and MACSWAIN, J. W. Notes on some effects of parasitism upon a small population of Diadasia bituberculata (Cresson) (Hymenoptera: Anthophoridae). Pan-Pacific Ent. 28:131-135. July 1952. 421 P193

85910 MACLAREN, R. B. Barley jointworm [Harmolita hordei] in Prince Edward Island. Cereal News, Jan.1952:4-6. 59.9 C1622

85911 MARTELLI, M. Spraying Hoplocampa brevis Klug (Hymenoptera, Tenthredinidae) in relation to the life cycle of the insect. (In Italian.) Redia 36:93-110. 1951. 421 R241

85912 MOCZAR, L. Contribution à l'éthologie du Palarus variegatus F. (Hym.). Országos Természettudo. Múz. Evkön. (n.s.)2:119-124. 1952. 410.9 B85E

85913 MOUTIA, L. A., and COURTOIS, C. M. Parasites of the moth-borers of sugar-cane in Mauritius. B. Ent. Res. 43:325-359. Ref. July 1952. 421 B87
Chiefly hymenopterous parasites, includes biological control possibilities.

85914 NEW SOUTH WALES. DEPT. OF AGRICULTURE. ENTOMOLOGICAL BR. Wasp parasites (Hymenoptera) are beneficial insects. Agr. Gaz. N. S. Wales 63:265-267. May 1952. 23 N472

85915 NEWELL, R. E. A control for ants and termites that destroy bottom boards. Gleanings Bee Cult. 80:498. Aug.1952. 424.8 G47
By chlordane.

85916 PALMER, E. L. Wasps, bees, ants and their kin. Nat. Mag. 45:361-368. Aug./Sept.1952. 409.6 N214

85917 PERKINS, J. F. On some British species of Ichneumon and Alomyia (Hym., Ichneumonidae). B. Ent. Res. 43:361-363. July 1952. 421 B87

85918 POPOV, V. V. On related species of Tridentosmia [i.e. Hoplitis (Tridentosmia)] Schmied. (Hymenoptera, Megachlidae)—pollinators of the goosefoot family [Chenopodiaceae]. (In Russian.) Zool. Zhur. 31:183-190. Ref. Mar./Apr.1952. 410 R92
Includes a n. sp.

85919 ROBERTI, D. A sawfly on pine (Acantholyda nemoralis Thoms.). (In Italian.) Lab. di Ent. Agr. "Filippo Silvestri". B. 10:25-85. Ref. 1950-51. 420 P82B
English summary.

85920 SCHIMITSCHEK, E. Über die polyederkrankheit der fichten-gespinstblattwespe Lyda hypotrophica Htg. (Cephaleia abietis L). Mitt. der Forstl. Bundes-Versanst. Mariabrunn 47:70-73. 1951. 99.8 M69

85921 SCHNEIRLA, T. C., and BROWN, R. Z. Sexual broods and the production of young queens in two species of army ants. Zoologica 37:5-32. Ref. June 30, 1952. 410 Z722
Eciton hamatum and E. burchelli.

85922 SHORT, J. R. T. The morphology of the head of larval Hymenoptera with special reference to the head of the Ichneumonoidea, including a classification of the final instar larvae of the Braconidae. Roy. Ent. Soc. London. Trans. 103:27-84. Ref. May 15,1952. 420 L84

85923 SMITH, M. R. Two new ants from western Nevada (Hymenoptera, Formicidae). Great Basin Nat. 11:91-95. Dec.29,1951. 410 G79
In Myrmecocystus and Veromessor.

85924 STEFFAN, J. R. Les espèces françaises du genre Perilampus Latr. (Hym. Perilampidae). Soc. Ent. de France. B. 57:68-74. May 1952. 420 F84B
Includes new species.

85925 STEFFAN, J. R. Sur trois Brachymeria Westw. (Hym. Chalcididae) parasites de Lépidoptères africains. Mus. Natl. d'Hist. Nat. B. (ser.2)23:624-629. Dec.1951,pub.Mar.15,1952. 410.9 P213

85926 TAFURI, J. F. A morphological study of the larva of the army ant, Eciton hamatum Fabricius. Fordham U. Diss. 18:14-16. 1951. 241.8 F75

85927 TOKUNAGA, M., and TSUJITA, M. Biological study on the rosaceous leaf-feeder sawfly [Arge] larvae. (In Japanese.) Saikyo U. Facul. Agr. Sci. Rpt. 1:77-100. Ref. Apr.1951. 22.5 K99
English summary.

85928 WHITE, J. R. A revision of the genus Osmia, subgenus Acanthosmioides (Hymenoptera, Megachilidae). Kans. U. Sci. B. 35:219-307. July 1,1952. 500 K132S
Includes new species.

85929 ZANGHERI, S. The pear sawfly [Janus compressus]. (In Italian.) Informatore Fitopatol. 14:4-5. Oct.31,1951. 464.8 In8

85930 ZHELOKHOVTSEV, A. N. Survey of sawflies of the subfamily Cladiinae (Hymenoptera, Tenthredinidae) of the U.S.S.R. fauna. (In Russian.) Zool. Zhur. 31:257-269. Ref. Mar./Apr.1952. 410 R92
Chiefly on Cladius genus.

See also Apiculture and Apis mellifera.

LEPIDOPTERA

85931 AMPHOUX. La cochylis, les enseignements de la campagne 1951, domaine de Tavernel, Beaucaire (Gard). Paysan Franç. 28(415):21-23. July 1952. 14 P29
Clysia ambiguella.

85932 AMSEL, H. G. Microlepidoptera collected in southern Dalmatia. (In Italian.) Redia 36:411-422. 1951. 421 R241
Includes new species in Phalonia, Elachista, Lithocolletis, Micropteryx and Scythris.

85933 ANDROIC, M. Quelques données sur Cnethocampa [i.e. Thaumatopoea] pityocampa Sciff. et la lutte contre lui. (In Serbo-Croatian.) Biol. Inst. God. 3:237-258. Ref. 1950,pub.1951. 442.9 Sa73
French summary.

85934 ANKERSMIT, G. W. Bestrijdingsproeven tegen de katoenboorder Earias fabia Stoll. (Lepidoptera, Noctuidae) [Experiments on control of the cotton borer Earias fabia Stoll. (Lepidoptera, Noctuidae)]. Indonesia. Gen. Agr. Res. Sta. Contrib. 126,19 p. Nov.1951. 109.5 Ea73
English summary.

85935 BARTOLONI, P. Phthorimaea operculella Zeller (Lep. Gelechiidae) in Italy, (notes on its morphology, biology, and means of control). (In Italian.) Redia 36:301-379. Ref. 1951. 421 R241

85936 BERAN, F. Der weisse bärenspinner. Gesunde Pflanzen 4:120-123. May 1952. 464.8 G33
Hyphantria cunea.

85937 BERGER, L. A. Espèces nouvelles pour la faune belge: Meliana flammea. Lambillionea 51:17. Mar.25/Apr.25,1951. 420 N15

85938 BIEZANKO, C. M. DE, and BERTHOLDI, R. E. Principal Noctuidae injurious to plants cultivated in the environs of Pelotas. (In Portuguese.) Agronomia [Rio de Janeiro] 10:235-246. Ref. Oct./Dec.1951. 9.2 Ag892

85939 BLUNCK, H., and JANSSEN, M. Ein neuer gefährlicher apfelschädling [Capua reticulana]. Gesunde Pflanzen 4:115-116. May 1952. 464.8 G33

85940 BUTLER, E. What we know about the pink bollworm [Pectinophora gossypiella]. Prog. Farmer, Tex. Ed. 67(8):17,96. Aug.1952. 6 T311

85941 CARPENTER, G. D. H. The genus Euploea (Lep. Danaidae) in the South Pacific from Papua to Australia and Tahiti. (Abs.) Roy. Ent. Soc. London. Proc. Ser. C, J. Mtg. 16:12-13. 1951/52. 420 L84Pc

85942 CHNEOUR, A. Contribution à l'étude des Macrolepidoptères de Tunisie. Soc. d'Hist. Nat. de l'Afrique du Nord. B. 41:41-47. May/June 1950,pub.1952. 410.9 So125

85943 CLEU, H. Satyrus actaea aigoualensis Foulquier dans les Cévennes médianes. Rev. Franç. de Lépidoptérologie 13:171-172. Jan./Feb.1952. 421 P192

85944 COCKAYNE, E. A. Aberrations of British Macrolepidoptera. Ent. Rec. & J. Variation 64:189-192. July/Aug.1952. 421 En89

85945 COCKAYNE, E. A. The chromosome number of Leucania favicolor Barrett and Leucania pallens Linnaeus. Ent. Rec. & J. Variation 64:220-221. July/Aug.1952. 421 En89

85946 COCKAYNE, E. A. Colias croceus Fourcroy ab. duplex Cockerell; the story of a fraud. Ent. Rec. & J. Variation 64:193-194. July/Aug.1952. 421 En89

85947 COCKAYNE, E. A. Possible sex-linkage in Laothoe populi Linnaeus. Ent. Rec. & J. Variation 64: 221. July/Aug.1952. 421 En89

85948 CURL, L. F. Control of the pink bollworm [Pectinophora gossypiella]. Cotton Gin & Oil Mill Press 53(17):11-12,31-32. Aug.16,1952. 304.8 C822

85949 DOS PASSOS, C. F. Application to the International Commission on Zoological Nomenclature to reconsider and rephrase in part their decision suspending the "Règles" concerning "Papilio plexippus" Linnaeus, 1758, insofar as that decision refers to a figure in Holland's "Butterfly Book." B. Zool. Nomencl. 6:278-283. Ref. July 23,1952. 410 B874

85950 DUNCAN, A. B., and CUNNINGHAM, D. New records of Macrolepidoptera in the Solway area in 1951. Scot. Nat. 64:46-47. July 1952. 410 Sco3

85951 DUSSEL, J. Essais de lutte contre les processionnaires [Thaumatopoea pityocampa] du pin maritime par les générateurs de brouillard insecticide. Phytoma 35:18-19. Apr.1952. 464.8 P563

85952 DYSON, R. C. Notes on breeding Polyommatus icarus Rott. and foodplants for blues. Ent. Rec. & J. Variation 64:194-195. July/Aug.1952. 421 En89

85953 FICE, K., and VACLAV, V. Lymantria [i.e. Porthetria] dispar L. (In Serbo-Croatian.) Inst. za Naučna Šumarska Istrazivanja. Godišnjak 1:36-79. 1951. 99.9 B65
English summary.

85954 FONSECA, J. P. DA. Dangerous caterpillars invade crops. (In Portuguese.) Soc. Rur. Bras. Rev. 32 (376):37. May 1952. 9.2 B733
Mocis repanda and Laphygma frugiperda.

85955 FUKAYA, M. Physiological study on the larval diapause in the rice stem borer, Chilo simplex Butler. Ohara Inst. f. Landwirt. Forsch. Ber. 9:424-430. 1951. 107.6 Oh1

85956 GOZMANY, L. A. New Hungarian Microlepidoptera. Országos Természettudo. Múz. Evkön. (n.s.)2: 141-146. 1952. 410.9 B85E
Includes new species in Donaspastus n.g., Aristotelia, Subeidophasia and Metzneria.

85957 GRABE, A. Planmässiges sammeln von Microlepidopteren. Ent. Z. 61:78-80. (Cont.) Aug.15, 1951. 421 En85

85958 GRANDORI, R. Experiment with an intensified program against Cydia [i.e. Carpocapsa] pomonella (L.) Preliminary note. (In Italian.) B. di Zool. Agr. e Bachicolt. 17:181-190. 1951. 423.92 B63
English summary.
In a pear orchard.

85959 GRANDORI, R. Experimental control of Cydia [i.e. Carpocapsa] pomonella by a toxaphene preparation. (In Italian.) B. di Zool. Agr. e Bachicolt. 17:191-192. 1951. 423.92 B63
English summary.

85960 HACKRAY, J. Etrange disparition du Colias palaeno dans les Hautes Fagnes. Lambillionea 51:65-68. Nov.25/Dec.25,1951. 420 N15

85961 HARZ, K. Massenzucht von wanderschmetterlingen. Kosmos 48:322-324. July 1952. 474 K842

85962 HAYWARD, K. J. Butterflies on wet ground. Ent. Rec. & J. Variation 64:218-220. July/Aug.1952. 421 En89

85963 HEMMING, F. On the need for an amendment of the decision taken in 1948 regarding the method to be followed in identifying the taxonomic species represented by the nominal species "Papilio plexippus" Linnaeus, 1758 (class Insecta, order Lepidoptera). B. Zool. Nomencl. 6:284-285. July 23,1952. 410 B874

85964 HOLLOWAY, P. H. The Lycaenidae of Hampshire chalk downs. Ent. Rec. & J. Variation 64:198-199. July/Aug.1952. 421 En89

85965 HOUTMAN, G. The bark injuring moth (Grapholitha woeberiana Schiff). (In Dutch.) Fruitteelt 42:574-575. July 24,1952. 86 N28
Fruit trees.

85966 HUDAULT, E. Note sur Laphygma exigua H. B. N. (Lépidoptère Noctuidae) dont on observe actuellement la pullulation dans la région de Casablanca. Chambre d'Agr. de Casablanca. B. 23(253):5-7. May 1952. 24 C26

85967 HUGGINS, H. C. The emperor moth [Saturnia pavonia]. Birds & Country Mag. 5:63-65. June/Aug. 1952. 413.8 B535

85968 HUGGINS, H. C. Notes on Microlepidoptera. Ent. Rec. & J. Variation 64:211-213. July/Aug.1952. 421 En89

85969 ISSEKUTZ, L. Parnassius apollo (L.) in the Carpathians. Országos Természettudo. Múz. Evkön. (n.s.)2:133-140. 1952. 410.9 B85E

85970 KANE, H. B. A Cecropia pupates. U. S. Camera 15(9):48-49. Sept.1952. 332.8 Un3A
Photographs of Hyalophora cecropia.

85971 KIRIAKOFF, S. G. Les organes tympanaux des Lépidoptères et leur utilisation en systématique. Rev. Franç. de Lépidoptérologie 13:173-178. Jan./Feb. 1952. 421 P192

85972 KOVACS, L. Die in ungarn vorkom menden Euxoa-arten (Lepidoptera). Országos Természettudo. Múz. Evkön. (n.s.)2:125-132. Ref. 1952. 410.9 B85E

85973 LAEVER, E. DE. Captures d'espèces rares en Belgique. Lambillionea 51:57-58. Sept.25/Oct.25,1951. 420 N15
Lepidoptera.

85974 LAEVER, E. DE. Espèces nouvelles pour la faune belge Lycaeides argyrognomon. Lambillionea 52: 3-5. Jan.25/Feb.25,1952. 420 N15

85975 LE MARCHAND, S. Le genre Gelechia (Gelechiidae) doit être divisé. Rev. Franç. de Lépidoptérologie 13:185-190. Jan./Feb.1952. 421 P192

85976 LE MARCHAND, S. Tineina - les Elachistidae. Rev. Franç. de Lépidoptérologie 13:167-171. Jan./Feb.1952. 421 P192

85977 LEMPKE, B. J. The Schiffermüller names. Ent. Ber. 14:92-94. June 1,1952. 420 N38B
Lepidoptera.

85978 LESSE, H. DE. Note sur les genres Precis Hb. et Junonia Hb. (Lep. Nymphalidae). Soc. Ent. de France. B. 57:74-77. Ref. May 1952. 420 F84B

85979 LIMA, A. D. F. Undesirable caterpillars. (In Portuguese.) Seleç. Agr. 7(73):17-19. May 1952. 9.2 Se4
Laphigma frugiperda and Mocis repanda.

85980 LORDELLO, L. G. E. Insects living on Passiflora. 1. Bionomic notes on Dione vanillae (L., 1758) (Lep., Nymphalidae). (In Portuguese.) Rev. de Agr. [Piracicaba] 27:177-187. May/June 1952. 9.2 R324
English summary.

85981 MAZOKHIN-PORSHNÍAKOV, G. A. Method of an ecological system of diurnal lepidopterous insects (Lepidoptera, Rhopalocera). (In Russian.) Zool. Zhur. 31:202-212. Ref. Mar./Apr.1952. 410 R92

85982 MAZOKHIN-PORSHNÍAKOV, G. A. New race, Satyrus semele L. (Lepidoptera) from the Lower Volga Area. (In Russian.) Zool. Zhur. 31:288-291. Ref. Mar./Apr.1952. 410 R92

85983 MELL, R. Uber Apaturinen. Ent. Z. 62:43-44. (Concl.) June 15,1952. 421 En85

85984 NEPVEU, P. Nouvelles localités françaises de Conistra alicia Laj. dans la vallée du Rhône et description d'une forme nouvelle de cette espèce. Rev. Franç. de Lépidoptérologie 13:179-180. Jan./Feb.1952. 421 P192

85985 NONVEILLER, G. Hyphantria cunea Drury. Gesunde Pflanzen 4:117-120. May 1952. 464.8 G33

85986 NOURY, L. A propos de Hyponomeuta (Microlépidoptères Hyponomeutidae). (Extr.) Rev. Franç. de Lépidoptérologie 13:166. Jan./Feb.1952. 421 P192

85987 NOVIKOFF, P. Battling the budworm [Choristoneura fumiferana]. Canada Lumberman 72(7):40-41. July 1952. 99.81 C16

85988 NUESCH, H. Ueber den einfluss der nerven auf die muskelentwicklung bei Telea polyphemus (Lepid.). Rev. Suisse de Zool. 59:294-301. June 1952. 410 R324

85989 OPERATION budworm. Pulp & Paper Mag. Canada 53(8):114-116,119-120. July 1952. 302.8 P96
Aircraft spraying of DDT to control Choristoneura fumiferana.

85990 OVERLAET, F. G. Espèces nouvelles pour la faune belge: Boarmia maculata bastelbergeri. Lambillionea 51:33. May 25/Aug.25,1951. 420 N15

85991 PACLT, J. Proposed suspension of the Règles for two nomina nuda of (Denis & Schiffermüller) (Lep., Satyridae). Ent. Ber. 14:91-92. June 1,1952. 420 N38B

85992 PAUCK. Erdraupen bekämpfen! Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1210-1211. Aug.7, 1952. 18 L2346
Agrotis segetum.

85993 PETRIK, C. The fight against caterpillars must be carried on constantly. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(8/9):1-2. May 1952. 21.5 V87

85994 PRICE GAVIRIA, C. Notas preliminares sobre los insectos benéficos que afectan al Heliothis virescens F. Vida Agr. [Lima] 29:289,291,293,295-296. Apr.1952. 9.8 V66

85995 QUERCI, O. Zygaenidae, Hesperiidae and Rhopalocera of the hills of Meta. (In Italian.) Lab. di Ent. Agr. "Filippo Silvestri." B. 10:108-130. 1950-51. 420 P82B

85996 REAL, P. Trois espèces nouvelles de Cnephasia (Lép. Tortricidae) du Sud-Est de la France. Soc. Linn. de Lyon B. Mens. 20:223-231. Dec.1951. 505 L992B

85997 REALI, G. Interference with the cephalic-thoracic nervous centers by the action of atropine, pilocarpine and eserine in the larvae of Galleria mellonella L. (In Italian.) B. di Zool. Agr. e Bachicolt. 17:59-76. Ref. 1951. 423.92 B63

85998 REID, W. Collecting notes, 1952. Ent. Rec. & J. Variation 64:205-207. (Cont.) July/Aug.1952. 421 En89
Lepidoptera.

85999 RENNELS, R. G. The Zimmerman pine moth (Dioryctria zimmermani (Grote)) a potentially serious enemy of pine plantations in Illinois. Ill. Agr. Expt. Sta. Dept. Forestry. Forestry Note 30,3 p. Dec.21,1951. 99.9 IL62

86000 RODRIQUEZ, J. G., and PRICE, W. A. How to control the European corn borer [Pyrausta nubilalis]. Ky. Agr. Col. Ext. C. 495,8 p. n.d. 275.29 K415

86001 RUSSELL, S. G. C. The influence of thunderstorms on variation of Lepidoptera. Ent. Rec. & J. Variation 64:199-203. July/Aug.1952. 421 En89

86002 SCARAMUZZA, L. C. La "mosca cubana" [Lixophaga diatraeae] en el control biológico del barreno de la caña de azúcar [Diatraea saccharalis]. Vida Agr. 29:479,481,483-484. June 1952. 9.8 V66
Summary of a report.

86003 SCHIMITSCHEK, E. Das massenauftreten des amerikanischen bärenspinners Hyphantria cunea (Drury) in Osterreich. Mitt. der Forstl. Bundes-Versanst. Mariabrunn 47:102-106. 1951. 99.8 M69

86004 SILVESTRI, F. Lepidoptera. (In Italian.) Lab. di Ent. Agr. "Filippo Silvestri". B. 10:133-303. (Cont.) 1950-51. 420 P82B

86005 SNAPP, O. I. Treatment of peach nursery stock to prevent infestation by peach tree borer [Sanninoidea exitiosa]. J. Econ. Ent. 45:546. June 1952. 421 J822

86006 SPAIC, I. Gypsy moth (Lymantria dispar L.) control by means of spraying from aircraft. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5: 66-70. 1949,pub.1951. 279.9 Un32P

86007 STORACE, L. Recherches sur le groupe africain de Papilio nireus L. (Lepidoptera, Diurna). Lambillionea 51:44-52,54-57,73-76; 52:9-11. (Cont.) May 25/Aug.25,Nov.25/Dec.25,1951-Jan.25/Feb.25,1952. 420 N15

86008 SYMES, H. Spring larvae in Cranborne Chase. Ent. Rec. & J. Variation 64:204. July/Aug.1952. 421 En89
Lepidoptera.

86009 TAYLOR, G. G. Spray treatments with lead arsenate for control of codling moth (Cydia [i.e. Carpocapsa] pomonella L.) on apple trees. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 34:59-64. June 1952. 514 N48A

86010 TOULGOET, H. DE. Contribution à l'étude des Eilema français (Arctiidae Lithosiinae). Rev. Franç. de Lépidoptérologie 13:181-184. Jan./Feb.1952. 421 P192

86011 TOULGOET, H. DE. Note sur les premiers états de Boloria pales Schiff et napaea Hb. Rev. Franç. de Lépidoptérologie 13:162-165. Jan./Feb.1952. 421 P192

86012 URBAHN, E. Wer hat den/für europa neuen spanner Cabera leptographa Wehrli schon in Deutschland gefunden? (Lep. Geom.). Ent. Z. 62:41-43. June 15,1952. 421 En85

86013 VARIN, G. Contribution à l'étude des Satyridae de France, les races françaises de Cœnonympha œdippus Fabricus. Lambillionea 52:5-8. Jan.25/Feb.25, 1952. 420 N15

86014 VARLEY, G. C. The winter moth and other defoliators of oak. (Abs.) Roy. Ent. Soc. London. Proc. Ser. C, J. Mtg. 16:36. 1951/52. 420 L84Pc

86015 VIETTE, P. E. L. Contribution à l'étude des Cossidae. 2. Les genres et leur espèce type. Lambillionea 51:37-43,58-60,68-72. May 25/Aug.25-Nov.25/Dec. 25,1951. 420 N15

86016 WEHRLI, E. Une nouvelle classification du genre Gnophos Tr. Lambillionea 51:6-11,22-30,34-37. Jan.25/Feb.25-May 25/Aug.25,1951. 420 N15
Includes new subgenera; also new genera Odontognophos and Ecodonia.

86017 WENZEL, G. Neues von Papilio podalirius L. und seiner raupe. Ent. Z. 62:44-46. June 15,1952. 421 En85

86018 WILLIAMS, C. M. Physiology of insect diapause. IV. The brain and prothoracic glands as an endocrine system in the cecropia silkworm [Hyalophora cecropia.] Biol. B. 103:120-138. Ref. Aug.1952. 442.8 B52

86019 WITTSTADT, H. Uber die markierung von lebenden faltern. Ent. Z. 62:47,53-56. June 15-July 1, 1952. 421 En85

86020 ZAGULIAEV, A. K. Eastern fur moth (Lepidoptera, Tineidae)--new moth species from Primorskaia Region. (In Russian.) Zool. Zhur. 31:284-287. Mar./Apr.1952. 410 R92
Tinea eurinella.

86021 ZINNA, G. An attack [on Pinus halepensis] by Dioryctria splendidella H. S. in the district of Benevento. (In Italian.) Lab. di Ent. Agr. "Filippo Silvestri". B. 10: 97-107. Ref. 1950-51. 420 P82B
English summary.

See also Sericulture and the Silkworm.

ORTHOPTERA

86022 BERRY, P. A., and CALDERON, R. Informe sobre el chacuatete [Idiarthron subquadratum]. Café de El Salvador 22:165-166. Mar.1952. 68.28 C112
On coffee.

86023 BREDO, H. J. Le rôle de l'International Red Locust Control Service. Soc. Belge d'Etudes et d'Expansion. B. 151:548-552. May/July 1952. 280.8 So17
Nomadacris septemfasciata.

86024 BRUNEAU DE MIRE, P. Rapport de prospection en Mauritanie Orientale (A.O.F.). France. Off. Natl. Anti-Acridien. B. 3,54 p. Jan.1952. 429 F84
Observations and research on Schistocerca gregaria.

86025 CAPRA, F. Troglophilus cavicola Kollar in Lombardia (Orthoptera, Rhaphidophoridae). (In Italian.) Soc. Ent. Ital. Mem. 30:141-144. Ref. 1951. 420 It1M

86026 COMITE INTERAMERICANO PERMANENTE ANTIACRIDIANO. Memoria y balance del ejercicio 1º de enero - 31 de diciembre de 1951. Buenos Aires,1952. 10 p. 429 C73M

86027 DELMAS, and RAMBIER, A. Remarques sur l'activité grégaire du criquet marocain en France, en 1951. Acad. d'Agr. de France. Compt. Rend. 39,1.e.38: 389-391. May 28/June 4,1952. 14 P215Bc

86028 DE WET, W. J., and WEBB, D. VAN V. Behaviour of hopper swarms of the brown locust. Farming So. Africa 27:270,280. May 1952. 24 So842

86029 GOUSTARD, M., LE BIGOT, L. P. Sur certains caractères d'une rétention d'habitudes par Blatella germanica. Acad. des Sci. Compt. Rend. 235:93-94. July 7, 1952. 505 P21

86030 GUNN, D. L. Control of red locusts [Nomadacris septemfasciata] by insecticides. J. Sci. Food & Agr. 3:289-296. Ref. July 1952. 382 So12

86031 HILCHEY, J. D., and PATTON, R. L. Effects of irregular sex ratios on growth response data from nutritional assays upon Blattella germanica (L.) Boyce Thompson Inst. Contrib. 16:455-459. Apr./June 1952. 451 B69

86032 HOFFMAN, G. L. A filamentous bacterium growing on two nematodes (Oxyuroidea: Theleostomidae) of the cockroach [Periplaneta americana]. (Abs.) J. Parasitol. 38(4,sect.2):27. Aug.1952. 448.8 J824

86033 KARABAĞ, T. A new species of Pholidoptera (Orthoptera, Tettigoniidae) from the Dodecanese Islands. Istanbul. U. Fen Fakül. Mecmuasi. Ser. B, Tabiî Ilimler 17:135-137. Apr.1952. 475 Is7

86034 KARABAĞ, T. Revision of the genus Anadolua Ramme (Orthoptera, Tettigoniidae). Istanbul. U. Fen, Fakül. Mecmuasi. Ser. B, Tabiî Ilimler 17:139-143. Apr. 1952. 475 Is7
Includes new species.

86035 KARABAG, T. Six new Decticinae (Orthoptera, Tettigoniidae) from Turkey. Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 21:27-34. Feb.16,1952. 420 L84Pb
In Paradrymadusa, Psorodonotus and Pholidoptera.

86036 LA GRECA, M. On the distribution and origin of Orthoptera in the Apennines. (In Italian.) Napoli. U. Ist. e Mus. di Zool. Annu. 3(6),30 p. Ref. Sept.1951. 410.9 N1622
English summary.

86037 LEDERER, G. Ein beitrag zur ökologie der amerikanischen schabe Periplaneta americana (Linné 1758). Anz. f. Schädlingsk. 25:102-104. Ref. July 1952. 421 An9

86038 LIEBERMANN, J. Sobre una nueva forma de oviposición en un acridio sudamericano, Scotussa cliens (Stäl) Lieb. (Orth. Acrid. Cyrtacanth.). Argentina. Dir. Gen. de Invest. Agr. Rev. de Invest. Agr. 5:235-280. July 1951. 9 R329

86039 MONTANA. STATE ENTOMOLOGIST. Grasshopper control handbook for 1952. Bugs 5(3A),38 p. May 1952. 421 B86

86040 MONTEIRO, M. The tiger of beneficial insects. (In Portuguese.) Fauna [São Paulo] 11(6):16-18. June 1952. 410 F272
Mantis religiosa.

86041 NASH, K. FAO fights locusts. Family Herald & Wk. Star. 83(32):3,9. Aug.7,1952. 7 F21
In the Middle East.

86042 ORTIZ, R. El problema de la langosta. Agr. Trop. 8(7):55-57. July 1952. 26 Ag8
Schistocerca gregaria.

86043 PARKER, J. R. Grasshopper control. U. S. D. A. PA-149,rev.,8 p. May 1952. 1 Ag84Pro

86044 SHULOV, A. Studies on Krauss' organ of Tmethis pulchripennis asiaticus Uvarov (Acrididae, Orthoptera). Israel. Res. Council. B. 2:58-63. June 1952. 330.9 Is72B

86045 STERNBURG, J., and KEARNS, C. W. The presence of toxins other than DDT in the blood of DDT-poisoned roaches [Periplaneta americana]. Science 116: 144-147. Aug.8,1952. 470 Sci2

86046 STROHECKER, H. F. Two palaearctic Orthoptera established in the United States (Mantidae, Tettigonidae). Pan-Pacific Ent. 28:138. July 1952. 421 P193
Iris oratoria and Phaneroptera quadripunctata.

86047 SWAIN, R. B., and MORALES AGACINO, E. Los grillos del cafeto en Nicaragua. Hacienda 47(7):48-49. Aug.1952. 6 H11
Idiarthron atrispinum.

SERICULTURE AND THE SILKWORM

86048 CHOUDHURY, D. P. R. Silkworm. Sci. & Cult. 17:505-508. June 1952. 475 Sci24
Antherea asama, A. mylitta, Attacus ricini, in addition to Bombyx mori, produce silk in India.

86049 GONZALEZ MARIN, F. El gusano de seda y la morera. Ed.4, rev. and enl. Spain. Min. de Agr. Serv. de Capacitación y Propag. Cart. Rur. 4,272 p. Ref. 1951. 15 Sp14C

86050 HIROSE, Z. Dry-cocoon exchange and dry-cocoon transaction. (In Japanese.) Nōrin Jihō 11(5):41-45. May 1952. 22.5 N772

86051 FUKUDA, T. Detection by paper chromatography of amino acids in the mulberry leaves and the silkworm, Bombyx mori. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:481-503. Ref. Nov.1951. 425.9 J273B
English summary.

86052 FUKUDA, T. On the change of carbohydrate and fat during pupation in the silkworm, Bombyx mori. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:535-556. Dec.1951. 425.9 J273B
English summary.

86053 FUKUDA, T. On the liquefaction of mineral substances during pupation in the silkworm, Bombyx mori. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13: 557-563. Dec.1951. 425.9 J273B
English summary.

86054 FUKUDA, T. On the relation between the pupation and the formation of the silksubstances in the silkworm, Bombyx mori. L. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:423-480. Ref. Nov.1951. 425.9 J273B
English summary.

86055 GLAUCO, R. Effects of muscular contraction in Bombyx mori larvae caused by DDT. (In Italian.) B. di Zool. Agr. e Bachicolt. 17:51-58. 1951. 423.92 B63

86056 ITO, T. Studies on the integument of the silkworm, Bombyx mori. II-IV. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:585-641. Ref. Dec.1951. 425.9 J273B
English summary.

86057 MATSUMURA, S. Amylase reaction of digestive fluid of the diseased silkworm, Bombyx mori L. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:505-511. Dec.1951. 425.9 J273B
English summary.

86058 MATSUMURA, S. Distribution of the amylase type in various races of the silkworm, Bombyx mori L. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:521-533. Dec.1951. 425.9 J273B
English summary.

86059 MATSUMURA, S. On the functional difference of the digestive amylase of different strains of the silkworm, Bombyx mori L. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:513-519. Dec.1951. 425.9 J273B
English summary.

86060 SUZUKI, K., and OMURA, S. Inheritance of non-fertilization phenomena in the silkworm. II-III. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:347-385. Ref. Oct.1951. 425.9 J273B
English summary.

86061 TSUJITA, M. Experiments conducted to determine the effects of DDT upon sericulture. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:387-421. Ref. Oct.1951. 425.9 J273B
English summary.

86062 TSUJITA, M. Studies on the formation mechanism of the brown spots on the body surface of the newly moulted silkworm larva, and its inheritance. (In Japanese.) Japan. Sericult. Expt. Sta. B. 13:567-583. Ref. Dec.1951. 425.9 J273B
English summary.

86063 YAMAFUJI, K., IGAUE, I., and SATO, M. Effect of chemicals upon the solubility of the polyhedrosis virus of silkworms. Enzymologia 15:219-222. Feb.15, 1952. 390.08 En9

86064 YAMAFUJI, K. Effect of nitrite on the nuclear structure in the silkworm. Nature [London] 170:126. July 19,1952. 472 N21

86065 YAMAFUJI, K., YOSHIHARA, F., and OMURA, H. Experimental virus production in a Canadian strain of silkworm. Enzymologia 15:182-186. Feb.15,1952. 390.08 En9

86066 YAMAFUJI, K., SAKAMOTO, H., and AKITA, T. Influence of chemical treatment on descendants in silkworm. Enzymologia 15:207-209. Feb.15,1952. 390.08 En9

86067 YAMAFUJI, K. Mechanism of artificial virus formation in silkworm tissues. Enzymologia 15:223-231. Ref. Feb.15,1952. 390.08 En9

86068 YAMAFUJI, K., YOSHIHARA, F., and ETO, M. Morphological changes of adipose cells in silkworms after administering nitrite or hydroxylamine. Enzymologia 15:204-206. Feb,15,1952. 390.08 En9

86069 YAMAFUJI, K., KAWAKAMI, T., and SHINOHARA, K. On an enzyme in silkworm which catalyzes the transformation of oximes into amino compounds. Enzymologia 15:199-203. Ref. Feb.15,1952. 390.08 En9

86070 YAMAFUJI, K., AKITA, T., and NAMBA, I. Relation between infectious ability of silkworm polyhedra and virus-producing substances. Enzymologia 15:215-218. Feb.15,1952. 390.08 En9

86071 YAMAFUJI, K., OMURA, H., and SAKAMOTO, T. Variation of the activity of some enzymes in silkworm by chemical feeding. Enzymologia 15:210-214. Feb.15,1952. 390.08 En9

SMALLER ORDERS

86072 BAILEY, S. F. A review of the genus Stomatothrips Hood (Thysanoptera: Aeolothripidae). Pan-Pacific Ent. 28:154-163. July 1952. 421 P193

86073 BELLINGER, P. F. A new genus [Micrisotoma] and species of Isotomidae (Collembola). Psyche 59:20-25. Mar.1952. 421 P95

86074 BERTRAM, D. S., ROBERTS, E. W., and EDWARDS, H. A rapid method of sampling for Damalinia (Bovicola) bovis L. on cattle, and its use in a comparison of the effectiveness of 'gammexane' and DDT against this parasite. Ann. Trop. Med. & Parasitol. 46:7-24. Ref. May 1952. 448.9 L75A

86075 BURR, M. On the distribution of Turkish Dermaptera. Istanbul. U. Fen Fakül. Mecmuasi. Ser. B, Tabiî Ilimler 17:131-134. Apr.1952. 475 Is7

86076 COOKE, C. H. The useful earwig [Forficula auricularia]. Birds & Country Mag. 5:68-70. June/Aug. 1952. 413.8 B535

86077 DELAMARE DEBOUTTEVILLE, C., and GISIN, H. Collemboles cavernicoles de l'Italie meridionale récoltés par M. La Greca. Napoli. U. Ist. e Mus. di Zool. Annu. 3(3),4 p. May 1951. 410.9 N1622
Includes a new species in Onychiurus.

86078 EDWARDS, R. L. Notes on some of Osborn's Mallophaga types and the description of a new genus, Rotundiceps (Philopteridae). Psyche 59:26-30. Mar. 1952. 421 P95

86079 FRASER, F. C. A further note on the remarkable character of the venation of the Syntheminae (Odon., Corduliidae). Ent. Mon. Mag. 88:158-159. July 1952. 421 En86

86080 GOTO, H. E. Redescription of Choreutinula libyca (Collembola: Hypogastruridae). Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 21:56-60. Ref. Apr.15, 1952. 420 L84Pb

86081 HINCKS, W. D. Some Dermaptera from Sierra Leone. Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 21:19-26. Feb.16,1952. 420 L84Pb
Includes new species in Diplatys and Geracodes.

86082 HOLDENRIED, R. Sylvatic plague studies. VIII. Notes on the alimentary and reproductive tracts of fleas, made during experimental studies of plague. J. Parasitol. 38:289-292. Aug.1952. 448.8 J824

86083 HOOD, J. D. A new Oedaleothrips from Italy (Thysanoptera, Phlaeothripidae). Soc. Ent. Ital. Mem. 30:133-140. 1951. 420 It1M

86084 HOOD, J. D. A new Oedaleothrips from the Belgian Congo. Rev. de Zool. et de Bot. Africaines 45: 204-209. Apr.25,1952. 410 R326

86085 HOPKINS, G. H. E. Proposed use of the plenary powers to designate a type species for the genus "Palaeopsylla" Wagner, 1903 (class Insecta, order Siphonaptera) in harmony with the generally accepted use of that name. B. Zool. Nomencl. 6:239-241. July 23, 1952. 410 B874

86086 LEDERER, G. Ein beitrag zur ökologie des Anax imperator imperator Leach 1815 (Odon. Aeschnidae). Odonatenfauna der Frankfurter Zoo-Teiche. Ent. Z. 62:27-30. (Concl.) Ref. May 15,1952. 421 En85

86087 LONGFIELD, C. Two new species of African Ceriagrion (Odonata), the type of C. corallinum Campion, and notes on the genus. Roy. Ent. Soc. London. Proc. Ser. B, Taxonomy 21:41-48. Apr.15,1952. 420 L84Pb

86088 MORETTI, G. P., and CIANFICCONI, F. More on the "corpora allata" of larvae of Trichoptera. (In Italian.) Soc. Ital. di Biol. Sper. B. 28:134-136. Ref. Jan.1952. 442.8 So12

86089 NAJARIAN, H. H. Observations on caddis fly [Limnephilus] larvae with respect to their serving as intermediate hosts for trematodes. (Abs.) J. Parasitol. 38(4,sect.2):39. Aug.1952. 448.8 J824

86090 NOYES, H. Peculiarities of the termite to satisfy desire for honeydew; possibilities for research in the insect world. Farmer's Wk. [Bloemfontein] 82: 59. Oct.10,1951. 24 F225

86091 PEARMAN, J. V. Nomenclature of some British Psocoptera. Ent. Mon. Mag. 88:150. July 1952. 421 En86

86092 RICHARD, G. L'innervation et les organes sensoriels des pièces buccales du termite a cou jaune (Calotermes flavicollis Fab.). Ann. des Sci. Nat. Zool. et Biol. Anim. (ser.11)13:397-412. 1951,pub.May 1952. 410 An7

86093 ROSS, H. H. Lectotypes of Hagen species belonging to certain families of Trichoptera. Psyche 59: 31-36. Mar.1952. 421 P95

86094 SALMON, J. T. The role of Collembola in zoogeography. (Abs.) Roy. Ent. Soc. London. Proc. Ser. C, J. Mtg. 16:18. 1951/52. 420 L84Pc

86095 STIRRETT, G. M. Mallophaga collected from birds in Ontario. Canad. Ent. 84:205-207. July 1952. 421 C16

86096 TIPTON, V. J., and ALLRED, D. M. New distribution records of Utah Siphonaptera with the description of a new species of Megarthroglossus Jordan and Rothschild 1915. Great Basin Nat. 11:105-114. Dec.29, 1951. 410 G79

86097 WASSERBURGER, H. J. Schweineläusebekämpfung [Haematopinus suis] durch perorale HCC-verabreichung. Monatsh. f. Vetmed. 7:255-258. Ref. July 1,1952. 41.8 M742

AGRICULTURAL ENGINEERING

References on bee-keeping equipment and malaria control equipment are classified with Entomology; references on forestry equipment with Forestry; references on industrial equipment with Agricultural Products; and references on irrigation equipment and drainage equipment with Soils.

GENERAL AND MISCELLANEOUS

86098 BAKER, V. H. Filling America's food basket. Amer. Engin., July 1952:7-10. 290.8 Am32
Improvements in agricultural engineering.

86099 BRANCH, T. P. Safe guard against lightning. Elect. Farmer 6(5):29. May 1952. 335.8 N27

86100 CROSBIE, C. J. Fatal farm accidents. New Zeal. J. Agr. 84:442. June 16,1952. 23 N48J

86101 DIANDERAS LUNA, S. Diagrama para convertir pendientes expresadas en grados a su equivalente en porcentaje. Agronomia [Lima] 17(69):51-53. May/June 1952. 9.8 Ag83

86102 DOBROWSKY, R. Blitzschutz in der landwirtschaft. Osterr. Landtech. 5:120-121. Apr.1952. 58.8 L236

86103 DUPONT, L. Conception et construction de la ferme modèle par le système du bloc agricole. Génie Rur. 45:227-230. July/Aug.1952. 58.8 Au8

86104 EXPLOSIVES in agriculture. Power Farming Austral. & New Zeal. Tech. Annu. 1951:25-31. 58.8 P873

86105 KOLL, F. Ist die vierkanthofform berechtigt? Bauer 4(44):4-6. Dec.22,1951. 19 B32
Austria.

86106 LACOMBE, R. Necessité d'une formation mécanique de l'agriculture française. Motorisation Agr. 7:268-269. May 1952. 58.8 M85

86107 LARSEN, S. T. No swimming—stay alive by staying out. Reclam. Era 38:181-183. Aug.1952. 156.84 R24
Irrigation canal safety.

86108 MUHLE. Landmaschineningenieur—ein mangelberuf. Deut. Agrartech. 2:39-40. Feb. 1952. 58.8 D482

86109 MÜLLER, H. Technische vorschläge für die anlage bzw. nutzung von kleinteichen. Deut. Agrartech. 2:158-160. May 1952. 58.8 D482
Russian Zone of Germany.

86110 POWELL, T. Lightning won't strike here; a few extra hours and dollars spent for lightning control will pay dividends in certified protection. Org. Farmer 4:42-44. Aug.1952. 57.8 Or3

86111 PURGYI, P. Unfallverhütung ist eine gewissensfrage. Bauer 5(4):8-9. Jan.26,1952. 19 B32

86112 REBER, N. F. Farmers wise safetyize. Pa. Farmer 147:35,57. July 26,1952. 6 P383

86113 ROBIONY, D. Analysis of accidents with agricultural machinery. (In Italian.) Macch. e Motori Agr. 10:681-686. July 1952. 58.8 M13

86114 SCHOONOVER, R. Farm ponds and lakes for fishing. Kans. Fish & Game 10:2-3. July 1952. 410 K13

86115 SEMPLE, W. J. Mud on dairy farms. Victoria. Dept. Agr. J. 50:253-356. June 1952. 23 V66J
Layout of the farm, especially the drainage system.

86116 SWEET, C. B. Who will pay for better roads? Ill. Agr. Assoc. Rec. 30(7):6-7. July 1952. 6 IL62

86117 SYMPOSIUM on farm fish ponds and management. J. Wildlife Mangt. 16:233-288. Ref. July 1952. 410 J827
Articles by O. L. Meehean, L. V. Compton, H. S. Swingle, G. W. Bennett, L. A. Krumholz, K. D. Carlander, M. Clark, R. C. Ball, P. G. Barnickol and R. S. Campbell, C. J. D. Brown and N. A. Thoreson, S. B. Saila, D. S. Rawson and R. A. Ruttan.

86118 THEAKSTON, F. H. Farmstead planning. Farmer's Mag. 49(8):18-21. Aug.1952. 7 C165

86119 U. S. DEPT. OF AGRICULTURE. LIBRARY. USDA publications on safety, 1947-1952. Washington, 1952. 3 p. 1.916 Un32

86120 VASIL'EVA, I. A. How to prepare ponds for the winter. (In Russian.) Les i Step' 3(10):91-92. Oct. 1951. 99.8 L565

86121 WARDLE, N. Rural schools check farm fires. Farm Safety Rev. 10(4):10-11. July/Aug.1952. 449.8 F22
Iowa.

86122 WOOLLEY, R. B. Rural fire fighting—a review past, present, and future. Fire Engin. 105:632-636. Aug.1952. 296.68 F513

86123 WOOTTERS, J. H. Summer safety is no accident. Acco Press 30(7):14-15. July 1952. 6 Ac2

FARM MACHINES AND EQUIPMENT

86124 ANDERSON, G. C. Push button hay feeding; with a system of three conveyor belts, it requires just 10 minutes to feed hay to 70 Holstein cows and heifers. Hoard's Dairyman 97:686. Aug.25,1952. 44.8 H65

86125 AUDIBERT, M. Equipement individuel agricole dans les B.-du-Rh. Bouches du Rhône Agr. 24 (1078):1-2. July 15,1952. 14 B662

86126 BALLU, T. L'avenir de la mecanisation des petites et moyennes cultures. Sillon Belge 22(514):1,3. June 21,1952. 13 Si3

86127 BERGLUND, N. Small farms machinery problems, in the light of Swedish experience. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 182-185. 1949,pub.1951. 279.9 Un32P

86128 BICKNELL, J. The agricultural machinery dealer and his clients. Farmers Annu. 1952:97-98. 10 F2237
Great Britain.

86129 BJORKENHEIM, L. Blower or elevator method for farm haulage. (In Finnish.) Teho 5:214-215. 1952. 20 T98
English summary, p. 278.

86130 BLASL, A. Die landmaschinenschule Weg-scheid. Bauer 5(2):2-5. Jan.12,1952. 19 B32

86131 BOURDELLE, J. Simple tools and equipment for small-scale farming. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:180-182. 1949,pub. 1951. 279.9 Un32P

86132 CANADA. BUR. OF STATISTICS. The agricultural implements industry, 1950. Ottawa,1951. 15 p. 253 C332I

86133 CASANOVA, J. A. DE. Le riz, facteur de l'equipement camarguais. Génie Rur. 45:217-221. July/Aug.1952. 58.8 Au8

86134 CASHMORE, W. H. The effect of mechanization on soil conservation and farm technique in Britain. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:189-191. 1949,pub,1951. 279.9 Un32P

86135 DENCKER, C. H. Mechanisierung des bäuerlichen mittel- und kleinbetriebes. Agr. Rundschau 8:25-32. Summer 1952. 280.8 Ag82

86136 DENCKER, C. H. Wie und in welchem umfange ist die mechanisierung in den bäuerlichen betrieben Deutschlands durchführbar? Osterr. Landtech. 5:99-100. Apr.1952. 58.8 L236

86137 DERLITZKI. Die bedeutung der landarbeits-forschung für die entwicklung der landtechnik. Deut. Agrartech. 2:130-135. May 1952. 58.8 D482

86138 DERVISIJE, V. Mechanization of agriculture and the activity of Peasant Work Cooperatives oneconomical computation. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(3/4):14-16. Feb.25,1952. 21.5 V87
Yugoslavia.

86139 DIMITROVSKI, N. Some experiences in raising funds for mechanization. (In Serbo-Croatian.) Socijalistićko Zemjodelstvo 3(10/11):1-11. Oct. Nov.1951. 280.28 So7
Yugoslavia.

86140 ENGELHARD, J. Pratique du labour au treuil. Motorisation Agr. 7:257-258. May 1952. 58.8 M85

86141 FEIX, H. Kombinationsmaschinen für das häckselhofprinzip. Prakt. Landwirt 6:76-77. May/June 1952. 19 P88
Austria.

86142 FINK, M. Models illustrate new farm methods. Farm Electrif. 6(4):11,14. July/Aug.1952. 335.8 F224
Equipment and buildings.

86143 FLIRI, F. Die landtechnik als weg zum einmannbetrieb. 2. Mechanisierung, arbeit und organisation. Osterr. Landtech. 5:76-78. Mar.1952. 58.8 L236

86144 GADRAS, M. Motoviticulture. Terre d'Oc 34:178-187. May 1952. 14 Ar5

86145 GALLWITZ, K. Pflanzenpflege und pflanzenschutz. Masch. in der Landwirt. G1,66 p. May 1952. 58 M37
Tillage equipment, irrigation equipment, and spraying and dusting equipment.

86146 GEMEREN, P. VAN. Mechanization in agriculture. (In Dutch.) Plattelands-Post 8(31):4. July 31, 1952. 12 P69

86147 GRAUPNER, R. Die kraftschaufel, ein neuzeitliches waggonentladegerät. Deut. Agrartech. 2: Feb.1952. 58.8 D482

86148 GRIFFITH, E. N. How British farm machinery makers are feeding the world. Power Farmer 9:43-44. Aug.1952. 58.8 P872

86149 GUILLOU, R. Mechanization of tropical farming in Hawaii. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:191-195. 1949,pub.1951. 279.9 Un32P

86150 HAMBROUCK, K. Mechanization of agriculture in Belgium. (In Flemish.) Cult. en Handel 18:418-420. July 1952. 80 C892

86151 HARDT-STREMAYR, W. Uberlegte geldausgaben lohnen sich! Kärntner Bauer 102:428-429. July 19,1952. 19 K14
Mechanization.

86152 HARDY, E. A. Mechanization for farming. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:185-189. 1949,pub.1951. 279.9 Un32P

86153 HEGE, R. Landtechnik von heute. Deut. Landwirt. Presse 75:170-171. July 5,1952. 18 D482
Mechanization.

86154 HERBSTHOFER, F. Der heurige landmaschinensalon in Paris. Osterr. Landtech. 5:107-111. Apr.1952. 58.8 L236

86155 HEYER. Der zweckmässige einbau der technik in die landwirtschaft. Deut. Landwirt.-Gesell. Mitt. 67:456-457. June 21,1952. 18 N39
Equipment.

86156 HOME-MADE portable elevator. Power Farming Austral. & New Zeal. Tech. Annu. 1951:33-37. 58.8 P873

86157 JAUMES, L. Equipement agricole collectif des Bouches-du-Rhone. Bouches du Rhône Agr. 24(1077): 9. (Cont.) July 1,1952. 14 B662

86158 JAUMES, L. Equipement agricole collectif des Bouches-du-Rhone. Bouches du Rhône Agr. 24(1078): 7. (Cont.) July 15,1952. 14 B662

86159 LAGGNER, H. Gedanken zur mechanisierung der landwirtschaft. Prakt. Landwirt 6:75-76. May/June 1952. 19 P88
Austria.

86160 LANGSFORD, E. L. Progress in cotton mechanization and future prospects for reducing costs. Spinner-Breeder Conf. [Proc.] 8:29-31. 1951. 72.9 C765

86161 LAUBER, H. J. Geräte und maschinen im dänischen erwerbsobstbau. Schweiz. Z. f. Obst- u. Weinbau 61:267-270. July 12,1952. 80 Sch9

86162 LÖBBECKE, H. VON. Mechanisierung und wirtschaftlichkeit. Deut. Landwirt.-Gesell. Mitt. 67:497, 507. July 12,1952. 18 N39

86163 MCKINNEY, J. Cotton and corn—no hand labor. Prog. Farmer, Miss.-Ark.-La. Ed. 67(8):16-17. Aug.1952. 6 So81

86164 MAFERA, F. Agricultural mechanics at the Verona Fair. (In Italian.) Humus 8(4):19-21. May 1952. 16 H88

86165 MARSHALL, L. M. Machinery investment. Estate Mag. 52:330-331. Aug.1952. 10 Es8

86166 MARTIN, F. Le matériel agricole colonial. Rev. Internatl. des Prod. Colon. 27:115-117. May 1952. 286.8 R326
French colonies.

86167 MARTIN, F. Matériel de culture tropicale. Rev. Internatl. des Prod. Colon. 26:129-130. June/July 1951. 286.8 R326

86168 MILES, B. Tools of the old days. Field 200: 189-190. Aug.2,1952. 10 F45

86169 MIRA, E. Mecanización del campo. Cooperación [Madrid] 123/124:5-7. May/June 1952. 280.28 C7875
Costs in Spain.

86170 MOROCCO. DIRECTION DE L'AGRICULTURE. Rapport d'enquête sur l'orientation de l'équipement en matériel agricole de la région de Casablanca. Chambre d'Agr. de Casablanca. B. 23(254):3,5,7,9-11. (Concl.) June 1952. 24 C26

86171 NEUMANN. Arbeitsparende maschinen und einrichtungen sehr beachtet. Landwirtbl. Weser-Ems 99:629-630. June 26,1952. 18 L2345

86172 NOVIKOV, V. A., and others. Universal UKAPTSINS conveyer truck loader. (In Russian.) Sakh. Promysh. 26(4):8-14. Apr.1952. 65.8 Sa2
N. M. Kichigin, V. G. Emtšov A. S. Kazdobin, and A. ÍA. Gel'man, joint authors.
For covering sugar beets in outdoor storage pits.

86173 PEYRONNET, R. A propos de mécanisation. Rev. Agr. de l'Afrique du Nord 50:221-223. Apr.11,1952. 80 R326

86174 POWER FARMING IN AUSTRALIA AND NEW ZEALAND. Technical annual, 1951. Sydney,1951. 315 p. 58.8 P873

86175 POZZI, E. Recent trends in agricultural mechanics. (In Italian.) B. dell'Agr. 86(21):1-2. May 23,1952. 16 B87
Italy.

86176 PREUSCHEN, G. Mit weniger arbeit. Deut. Landwirt. Presse 75:169-170. July 5,1952. 18 D482
Mechanization.

86177 RAGUE, F. Las máquinas en agricultura. Cult. Mod. 35:207-208. June 1952. 15 C89

86178 REGT-DEKKER, J. J. DE. The effort towards general mechanization. (In Dutch.) Zeeuwsch Landbbl. 40(2127):10-11. June 21,1952. 12 Z2

86179 REHRL, K. Aufgaben der mechanisierung der österreichischen landwirtschaft. Agr. Rundschau 8:33-41. Summer 1952. 280.8 Ag82

86180 REHRL, K. Einfache hilfsmittel zum lastentransport. Osterr. Landtech. 5:111-112. Apr.1952. 58.8 L236

86181 REYNOLDS, P. A. Wrest Park is full of ideas for machines. Grower [London] 38:160-161. July 26, 1952. 286.83 M34

86182 ROUART, S., and ARRAS, G. D'. Journée de motoviculture. Rev. Agr. de l'Afrique du Nord 50:238-239. Apr.11,1952. 80 R326

86183 ROUART, S. Réflexions sur le Salon de la machine agricole. Rev. Agr. de l'Afrique du Nord 50: 228-230. Apr.11,1952. 80 R326

86184 SAUZE, F. Tendances et nouveautés techniques au Salon de 1952. Rev. Agr. de l'Afrique du Nord 50: 224-227. Apr.11,1952. 80 R326

86185 SCHEFFTER, H. Einachs-motorgeräte. Landmasch.-Markt 31:355-356. June 12,1952. 58.8 L239

86186 SCHEUCH, E. Die landtechnik geht neue wege. Deut. Agrartech. 2:68-71. Mar.1952. 58.8 D482
Mechanization in the Russian Zone of Germany.

86187 SCHONBERG, O. F. VON. Die zugkraftkosten in vollmechanisierten betrieben gleicher intensitätsstufe. Deut. Landwirt.-Gesell. Mitt. 67:449,457. June 21,1952. 18 N39

86188 TURNER, A. W. Guide lines to further farm mechanization. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:198-201. Ref. 1949,pub.1951. 279.9 Un32P

86189 VAUGH, M. Simple tools and equipment for small scale farming. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:174-177. 1949,pub.1951. 279.9 Un32P

86190 VENZHER, V. Problems in complex mechanization of U.S.S.R. agriculture. (In Russian.) Voprosy Ekon. 6:27-41. June 1952. 280.8 V89

86191 WARDROP, G. The year among equipment. Farmer & Stock-Breeder Ybk. 76:101-115. 1952. 49 F22

86192 WEILER, F. Betriebserfolg durch technisierung im klein- und mittelbäuerlichen hof. Osterr. Landtech. 5:135-139. May 1952. 58.8 L236

86193 WIENAND, E. B. Larger orchards, more machines. West. Fruit Grower 6(8):7-8. Aug.1952. 95.8 G762

86194 WILHELMSSON, R., and ANIANSSON, G. The biggest equipment show offers much new; machinery at the Eskilstuna show. (In Swedish.) Lantmannen 36: 552-554. July 12,1952. 11 L234

86195 WRIGHT, S. J. Implement aids for small-scale farming. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:178-180. 1949,pub.1951. 279.9 Un32P

Animal Husbandry Equipment

86196 ANDREAE, U. Beweglicher durchgangsmelkstand für das maschinelle weidemelken. Deut. Landwirt.-Gesell. Mitt. 67:515-517. July 19,1952. 18 N39

86197 CROWTHER, H. A. H. A new plan for milk production. Dairyman 69:395-398. July 1952. 44.8 D1426
Milking machines and milk handling.

86198 DILLON, M. Milking machine developments. Agr. Ireland 9:160-161. July 1952. 10.5 Ag8

86199 GRANT, B. How to make a rawhide bosal. III. West. Horseman 17(9):24-25. Sept.1952. 42.8 W522

86200 HOFFSCHLAEGER, E. Ein bewährter weidemelkstand. Deut. Landwirt.-Gesell. Mitt. 67:535-536. July 26,1952. 18 N39
Location of milking machines in the pasture.

86201 JONES, J. H. Non-spill troughs for chick food. New Zeal. J. Agr. 84:462. June 16,1952. 23 N48J

86202 KAYSER, E. Fahrbare melkanlagen. Landmasch.-Rundschau 4:108-112. May 1952. 58.8 L237

86203 KAYSER, E. Die melkmaschine ist trumpf. Landmasch.-Rundschau 4:103-107. May 1952. 58.8 L237

86204 MCKENZIE, D. A., and LAMBERT, J. Observations on wet storage of milking machine clusters. Dairy Indus. 17:621-623. July 1952. 44.8 D1427

86205 MADDEX, R. L. Electric brooding equipment (demonstration). Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:196-197. 1951. 284.69 N19

86206 MADSEN, L. L. Gathering eggs automatically—3000 a day. Sunday Oregonian, Farm, Home, Gard. July 27,1952:8. 6 Su7

86207 NEW MEXICO. COLLEGE OF AGRICULTURE. EXTENSION SERV. Drawings of ranch equipment. N. Mex. Agr. Col. Ext. C. 210,rev.,24 p. May 1952. 275.29 N463E

86208 PARKIN, I. E. Milking machine care. N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25:59-61,63. 1951, pub.May 1952. 44.9 N4833

86209 RAY, K. R., and others. Plans for beef cattle equipment. Miss. State Col. Ext. P.,212,16 p. May 1952. 275.29 M68Ext
P. F. Newell, J. T. Copeland, E. E. Grissom, joint authors.

86210 REID, J. Australian-made whips win world renown. Cattleman 39(3):130,134. Aug.1952. 49 C29

86211 ROEDER, G. Gedanken und beiträge zur frage des melkmaschinen-einsatzes. Molk.- u. Käserei-Ztg. 3:938-941. July 31,1952. 44.8 M736
Germany.

86212 SCHMIDT, G. Technische möglichkeiten der arbeitserleichterung und der arbeitsersparnis in der rinderhaltung. Deut. Agrartech. 2:53-54. Feb.1952. 58.8 D482

86213 SEELEMANN, M., and others. Reinigung und desinfektion auf dem hofe, insbesondere bei der milchgewinnung. Kieler Milchwirt. Forschber. 4:179-213. 1952. 44.9 K542
H. G. Rackow, W. Pilz, A. Meyer, and H. Schröder, joint authors.
English summary.

86214 SMITH, R. E. The object of shoeing. Morgan Horse Mag. 12(5):13,33. June 1952. 42.8 M82

86215 STEFANELLI, G. A yoke dynamometer for measuring the pulling power of oxen. (In Italian.) Macch. e Motori Agr. 10:671-679. July 1952. 58.8 M13

86216 STUDER, W. Die verwendung von melkmaschinen in der Schweiz. Schweiz. Bauer 106(74):5. June 30,1952. 17 Sch95

86217 THOMAS, S. B., and others. The determination of the bacterial content of farm dairy equipment by the swab method. Dairy Indus. 17:607-611. Ref. July 1952. 44.8 D1427
D. G. Griffiths, E. Davies, and N. C. Bebbington, joint authors.

86218 YOUNT, P., and RAY, K. R. Lamp or electric outdoor brooder. Miss. State Col. Ext. P. 174,4 p. Mar.1951. 275.29 M68Ext

86219 ZEHNER, E. How to make a rope halter. Wis. Agr. Col. Ext. Spec. C. 29,2 p. Apr.1952. 275.29 W75S

Cultivation and Tillage Equipment

86220 AREF'EV, T. In regard to complex mechanization of sugar beet culture (according to the example of the beet growing collective farms in Kamenets-Podolsk Region). (In Russian.) Sotsialist. Sel'sk. Khoz. 23(4):45-50. Apr.1952. 281.8 So73

86221 BRUNI, G. Toward increased use of portable equipment. (In Italian.) Macch. e Motori Agr. 10:701-703. July 1952. 58.8 M13
Tillage equipment.

86222 CALDWELL, J. Rotary cultivation: a revolution in farming methods? Farm & Mach. 2(15):6-7. Aug.1951. 58.8 F2294
Equipment.

86223 CAVINA, R. A good plow. (In Portuguese.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:119. Apr.1952. 44.8 B634

86224 COLWELL, E. Land leveling is growing up; mechanical methods to improve soil can cut down soil rebuilding time. Org. Farmer 4:32-33,59. Aug.1952. 57.8 Or3

86225 DOMSCH, M. Stellungnahme zu pflugversuchen auf aueböden bei Torgau. Deut. Agrartech. 2:2-3. Jan. 1952. 58.8 D482

86226 GEORSCH, H. Die pfluggeräte unserer maschinen-ausleih-stationen. Deut. Agrartech. 2:140-143. May 1952. 58.8 D482
Russian Zone of Germany.

86227 JOHNSON, A. D. A survey of mechanical cultivators. Gard. Illus. 69:238-239. Sept.1952. 80 G169

86228 LIERE, J. G. VAN. The coupling of the harrow in connection with the backward jump of the tractor. (In Dutch.) Zeeuwsch Landbbl. 40(2124):4. May 31,1952. 12 Z2

86229 LIPPMANN, K., and HELLRIEGEL, E. A. Was ergaben versuche mit agrofixhacken? Deut. Landwirt.-Gesell. Mitt. 67:565-566. Aug.9,1952. 18 N39

86230 MANHARDT, V. G. Neue wege in der konstruktion von anbaugeräten für bodenbearbeitung und saatenpflege. Deut. Agrartech. 2:145-150. May 1952. 58.8 D482

86231 MIASNIKOV, N. G. Mechanization of preparation of area for irrigation and practices in sowing cereals under the new system of irrigation. (In Russian.) Sovet. Agron. 10(7):16-23. July 1952. 20 So84

86232 PESARO, A. Rotary equipment for tilling land. (In Italian.) Macch. e Motori Agr. 10:657-668. July 1952. 58.8 M13

86233 QUEISSER, H. Die bodenbearbeitungsmaschinen des gartenbaus. Tech. f. Bauern u. Gärt. Ausg. G. 4:81-82,108-109,132-133,155-156,178-179,203-204. (Concl.) Feb.25-May 10,1952. 58.8 T223G

86234 ROUILLIET, G. I. Les motoculteurs. II. L'emploi des motoculteurs. Motorisation Agr. 7:270-271. May 1952. 58.8 M85

86235 TALLMAN, S. L. The heavy duty cultivator as a soil restorer. Family Herald & Wk. Star 83(30):16. July 24,1952. 7 F21

86236 TORRES FILHO, A. Agricultural equipment used in the preparation of soil. (In Portuguese.) Granja [Porto Alegre] 8(60/61):65-66,68-69,72-73. Mar./Apr. 1952. 9.2 G76

86237 VADE, S. La petite motoculture a sa place au jardin. Vie à la Campagne 41:208-210. June 1952. 80 V67

86238 WELECZKA, J. Bodenbearbeitung und bodenpflege im obstbau. Landtechnik 7:389-393. July 15,1952. 58.8 L235
Mainly equipment.

86239 WELECZKA, J. Bodenbearbeitungsgeräte für den obstbau. Landwirt. Z. der Nord-Rheinprov. 119: 626-628. June 14,1952. 18 L2344

86240 YONT, L. Y. Milestone in mechanized beet thinning. Sugar 47(8):38-39. Aug.1952. 65.8 F11

Fertilizer and Seed Distributors

86241 DUFFEE, F. W. Pasture renovation. Farm Impl. News 73(14):30-31,73-74. July 25,1952. 48.8 F22
Planting equipment in Wisconsin.

86242 MEIWALD, F. Mechanisches streuen von düngekalk. Bauer 5(4):4-5. Jan.26,1952. 19 B32

86243 MININA, I. P. Utilization of grain and grass sowing machines for additional seeding of meadow-pasture grass and legume mixtures. (In Russian.) Kormovaia Baza 3(6):14-17. June 1952. 60.8 K84

86244 NERLI, N. Planters for large seeds. (In Italian.) Terra e Sole 119:231-235. July 1952. 16 T273

86245 SCHERUGA. Untersuchungen an einem säeapparat für rübeneinkornsamen. Osterr. Landtech. 5:123-126. Apr.1952. 58.8 L236

86246 SOLOB'EV, D. Experiment in mechanization of mulberry tree transplanting on collective farms in Fergana Valley. (In Russian.) Khlopkovodstvo 1:38-42. Jan.1952. 72.8 K522

86247 WIBMER, H. Rebenneuanlagen unter mithilfe moderner maschinen kostenberechnung. Schweiz. Z. f. Obst- u. Weinbau 61:275. July 12,1952. 80 Sch9

Harvesting Equipment

86248 AUFHAMMER. Mähdrescher-gerste. Brauwelt 26:574-576. June 26,1952. 390.8 B732

86249 BAIL, A. and KOCH, H. Zur technisierung der getreideernte. Deut. Agrartech.2:13-19,28. Jan. 1952. 58.8 D482

86250 BALLU, T. Les tendances nouvelles concernant la récolte des fourrages et des céréales. Tech. Agr. 57:8-13. June 1952. 58.8 T222
Equipment.

86251 BAREISS, G. Die getreideernte im klein- und mittelbetrieb. Württemb. Wchnbl. f. Landwirt. 119:653-654. July 19,1952. 18 W96
Mechanization.

86252 BELOZERTSEV, A. G. Complex mechanization of harvesting grain crops. (In Russian.) Sovet. Agron. 10(7):9-15. July 1952. 20 So84

86253 BRETON, J. F. La récolte des céréales à la moissonneuse-batteuse. Agr. Prat. 116:355-356. July 1952. 14 J82

86254 BURKHART, H. Erfahrungen mit dem pick-up-druschverfahren in winterrübsen 1952. Deut. Landwirt.-Gesell. Mitt. 67:537-538. July 26,1952. 18 N39

86255 CLERX, J. Further tests with combines and pickers. (In Dutch.) Netherlands. Dir. van de Wieringermeer. Verslag 14:3-16. 1952. 290.9 N382 Netherlands.

86256 COLLINS, C. A. Pickers beat pullin'; mechancal corn pickers save time and solve labor problems. Prog. Farmer, Tex. Ed. 67(8):15. Aug.1952. 6 T311

86257 DELASNERIE, J. La motorisation de la récolte des céréales. Motorisation Agr. 7:283,285,287. June 1952. 58.8 M85

86258 FILIPPOV, A. I., and FEDOSEEV, B. V. Mechanized harvesting of forage plants grown for seeds. (In Russian.) Kormovaia Baza 3(6):53-56. June 1952. 60.8 K84

86259 FOLTINEK, H. Erfahrungen im betrieb von mähdreschern. Osterr. Landtech. 5:148-149. May 1952. 58.8 L236

86260 GAZDAROV, M. Organization of sugar beet harvesting with SKEM-3 three-row beet combine. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(4):51-64. Apr. 1952. 281.8 So73

86261 GROSS, F. C. Making chopped hay with the field forage harvester and mechanical air drying. So. Austral. Dept. Agr. J. 55:483-489. May 1952. 23 So84

86262 HAMBLIN, H. J. Rubber in combine harvesters. Rubber Devlpmt. 5:57-59. Summer 1952. 305.8 R828

86263 HIGGINS, F. H. What's new in tree crop machines. Impl. Rec. 49(9):20. Aug.1952. 58.8 Im73
Harvesting nuts and fruit.

86264 HOLMES, R. H. Guard the grain. Farmers Wk. [London] 37(7):50-51. Aug.15,1952. 10 F2226
Use of the tripod in harvesting corn.

86265 KÖRNER, M. Erntebindegarn aus vollsynthetischen stoffen. Deut. Agrartech. 2:151-153. May 1952. 58.8 D482

86266 MARAKHTANOV, K. Attachment of Stalinets-6 combine for harvesting sunflowers. (In Russian.) Tekhsovety MTS 13(21/22):11-16. 1952. 58.8 T233

86267 MÜHLE. Weshalb wurde die mechanisierung der rübenernte bis 1945 stark vernachlässigt? Deut. Agrartech.2:22-24. Jan.1952. 58.8 D482

86268 PEILL, E. Zur frage der strohbergung beim mähdrusch. Deut. Landwirt.-Gesell. Mitt. 67:467-469. June 28,1952. 18 N39

86269 PESCHKE, G. Häckseldrusch—ein neues verfahren. Deut. Landwirt. Presse 75:171-172. July 5, 1952. 18 D482

86270 PETROV, S., and BISNOVATYI, S. Organization of assembly line repair of automotive combines at machine-tractor station shops. (In Russian.) Tekhsovety MTS 13(5/6):5-10. 1952. 58.8 T233

86271 PREUSCHEN, G. Ist der mähdrescher für den lohneinsatz geeignet? Dreschen u. Pflügen 7(6):8-10. June 15,1952. 58.8 D81

86272 RAUSSENDORF, C. Die mähmaschine und ihre entwicklung. I. Deut. Agrartech. 2:49-51. Feb. 1952. 58.8 D482

86273 RAUSSENDORF, C. Die mähmaschine und ihre entwicklung. II. Deut. Agrartech. 2:136-140. May 1952. 58.8 D482

86274 RAUSSENDORF, C. W. Ein neues getreideernteverfahren. Deut. Agrartech.2:19-22. Jan.1952. 58.8 D482

86275 RUDOLPH, A. Erfahrungen und möglichkeiten über den einsatz des mähdreschers. Bad. Landwirt. Wchnbl. 119:485-486. July 12,1952. 18 B142

86276 SAINT-QUENTIN, M. Moissonnage-battage et ramassage de la paille. Rustica 25:675,679. July 20, 1952. 14 R92

86277 SCHNEIDER, G. Vom mähbinder-zum mähdrescher. Württemb. Wchnbl. f. Landwirt. 119:654-655. July 19,1952. 18 W96

86278 SCHNURBEIN, B. VON. Der mähdrescher als einzige erntemaschine in einem betrieb mittlerer grösse. Deut. Landwirt.-Gesell. Mitt. 67:425-426. June 7,1952. 18 N39

86279 SHINER, E. Cotton farmers are taking to machines to get their 1952 crop harvested on time. Farmer-Stockman 55(8):9,38,48. Aug.1952. 6 OK45

86280 TIDEMAN, P. A test on mechanical picking of tea in Indonesia. (In Dutch.) Bergcultures 21:197, 199,201,203,205. May 16,1952. 22.5 B45

86281 VÖLKER, H. Was denkt ein lohndrescher über den mähdrescher? Dreschen u. Pflügen 7(6):7-8. June 15,1952. 58.8 D81

86282 WIDELL, S. A one man harvesting method. (In Swedish.) Lantmannen 36:607. Aug.2,1952. 11 L234
Grain harvesting and transportation equipment.

86283 WIDT, R. A. DE. Combine or tractor binder for the grain harvest? (In Dutch.) Nieuwe Veldbode 18:690-691. July 10,1952. 12 V542N

86284 WORTMANN, W. Bauernmähdrescher als baustein der vielzweck-ackermaschine. Tech. f. Bauern u. Gärt. Ausg. A 4:273-274. June 25,1952. 58.8 T223

Processing Equipment Used on the Farm

86285 ARSENAULT, L. Le temps au temps des foins. Foyer Rur. [Montreal] 11(8):5,22. June 1952. 7 F83

86286 CANTAVE, L. Conseils sur la préparation du foin et de l'ensilage. B. Agr. 2(1):16-17. Jan.1952. 8 B87

86287 GEHL, D. Threshing. East. Dealer 46(7):11, 13. July 1952. 58.8 Ea7
Wisconsin.

86288 GOETZ, K. Der häckselhof und die neuartigen heuwerbungsweisen. Tech. f. Bauern u. Gärt. Ausg. A 4: 249-250. June 10,1952. 58.8 T223

86289 GOSLEE, H. C. Cold wall milk cooling tank (farm use). Milk Dealer 41(11):74,76-77. Aug.1952. 44.8 M595

86290 GRAETZ, K. A small thresher—dehuller—seed counter. Agron. J. 44:386. July 1952. 4 Am34P

86291 HOLMES, E. Chemical desiccation of standing crops. Power Farmer 9:73. Aug.1952. 58.8 P872
Tests with grain and forage crops.

86292 JOHNSON, R. E. Farmers use fans to dry grain. Elect. Dealer 41(8):64. Aug.1952. 335.8 EL226

86293 LEGGE, T. 500 tons of grain to dry. Farmers Wk. [London] 37(4):49,51. July 25,1952. 10 F2226
Grain drying plant.

86294 LIEBSCHER, W. Heubereitung durch scheunentrocknung. Osterr. Landtech. 5:142-143. May 1952. 58.8 L236

86295 MAHR, J. A. Advantages of drying ear corn. Farm Electrif. 6(4):8-9. July/Aug.1952. 335.8 F224
Equipment.

86296 MANTHEY, H. H. Der "schrägwandreuter" in der praxis. Deut. Landwirt.-Gesell. Mitt. 67:454-455. June 21,1952. 18 N39

86296 MARBACH, W. Im jahr 1952 exakter aufpuppen als 1951! Grüne 80:815-816. July 18,1952. 17 Sch9
Hay drying.

86297 OW, FREIHERR VON. Der feldhäcksler und seine bedeutung. Landtechnik 7:388. July 15,1952. 58.8 L235

86298 RAMSER, J. H., and KLEIS, R. W. Hay crushing for faster field curing. Ill. Agr. Col. Ext. C. 693,8 p. June 1952. 275.29 IL62C

86299 RAYNOR, A. L. Topnotch wagon drying setup. Elect. Farm Mag. 25(7):10-11. Aug./Sept.1952. 335.8 EL27
Hay and grain.

86300 SCHWAN. Rund um die elektrische kühlung. Traktor 3:131-132. June 1952. 58.8 T677

86301 SMITH, E. S. Ye old time horse power threshing days. Iron-Men Album Mag. 6(6):3-5. July/Aug.1952. 58.8 F2293

86302 STEIGERWALD. Halbheu als arbeitssparendes verfahren der futterkonservierung. Deut. Landwirt.-Gesell. Mitt. 67:423-424. June 7,1952. 18 N39

86303 WEBB, E. G. Swath threshing. Farmer's Mag. 49(7):18,20-21. July 1952. 7 C165
Equipment.

86304 WUNDERLICH. Reutern leicht gemacht. Hannoversche Land- u. Forstwirt. Ztg. 105:705. July 12,1952. 18 H194

86305 ZHUK, IA., and KAPLUNOV, M. Mechanization of post-harvest grain processing on the collective farm threshing floors. (In Russian.) Tekhsovety MTS 13 (21/22):1-10. 1952. 58.8 T233

Repair, Maintenance, and Construction Equipment

86306 BRETT, C. W. The relationship of welding to agriculture. Shropshire & Surrounding Co. Agr. News 16:67-71. Dec.1951/Feb.1952. 10 Sh8

86307 BUTLIEN, S., and MCGURK, J. L. A study of the cost and operation of mechanical barn cleaners. N. Y. Agr. Col. A. E. 826,14 p. July 1952. 281.9 C81

86308 COUTIAUX, P. Tracteurs et machines agricoles à la station service: pourquoi et comment graisser. Motorisation Agr. 7:260-262. (Concl.) May 1952. 58.8 M85

86309 ELLIS, F. W. Petroleum on your farm. Farmers Annu. 1952:63-65. 10 F2237
Lubricant, rust preventive, and fuel.

86310 HAARDT, F., and POLLAK, V. Reparaturdienst in der landwirtschaft. Osterr. Landtech. 5:78-80. Mar.1952. 58.8 L236

86311 HENRIKSSON, A. Summer cleaning—barn sanitation. (In Swedish.) Ladugarden 6:180-182. June 1952. 44.8 L12

86312 MARTINSON, H. Farm shops save time and money. Hoard's Dairyman 97:665. Aug.10,1952. 44.8 H65

86313 MAYET, P. Le graissage. Motorisation Agr. 7:298-299. June 1952. 58.8 M85

86314 MOWERY, A. S., MCCLAY, D. R., and ANTHONY, F. Table unit for a portable [electric] saw. Pa. Agr. Expt. Sta. Prog. Rpt. 77,4 p. May 1952. 100 P381P

86315 RICCITELLI, J. A. Estudio experimental de una tronzadora mecánica. Buenos Aires. U. Facul. de Agron. y Vet. Rev. 13:114-127. Dec.1951. 9 B863
English summary.

86316 TURNER, J. C. Planning a farm workshop. Farm Mech. 4:265-267. July 1952. 58.8 B772

86317 WAKEMAN, T. J. Selecting and organizing supplies for teaching farm shop. Better Farming Methods 24(8):46,48. Aug.1952. 58.8 B46

Spraying and Dusting Equipment

86318 ANDERSON, E. D. Engineering developments and challenges in chemical weed control. Agr. Engin. 33: 482-484,486. Aug.1952. 58.8 Ag83
Sprays and spraying equipment.

86319 BÖLDICKE, H. Die störungen an einspritzpumpen und düsen bei Dieseltraktoren. Deut. Agrartech. 2:153-157. May 1952. 58.8 D482

86320 FEIS, N. Mist sprayers for orchards. IV. (In Dutch.) Fruitteelt 42:556-557. July 17,1952. 86 N28

86321 FLIK, H. M., and KERSSEN, M. C. Brief report of a test to control potato diseases with help of spraying equipment and aircraft. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:177-183. May 1952. 12 N383M

86322 JENNY, J. Eine umfrage über stationäre spritzanlagen für rebberge. Schweiz. Z. f. Obst- u. Weinbau 61:295-298. July 26,1952. 80 Sch9

86323 MAUCH, A. Die ergebnisse der versuche mit leistungsfähigen spritzen und sprühnebelgeräten. Obstbauversring. Mitt. 7:66-69. Apr.1952. 85 J76

86324 OLAFSON, G., and THORSRUD, J. Mist sprayers. (In Norwegian.) Norsk Hagetid 68:120-123. July 1,1952. 80 N81

86325 PETCH, C. E. Modern methods in orchard spraying. Macdonald Col. J. 12(9):6-8. May 1952. 101 M144
Chiefly equipment.

86326 PICKETT, A. D. Trends in orchard spraying. MacDonald Col. J. 12(11):6-8. July 1952. 101 M144
Equipment.

Vehicles

86327 ALPE, A. Deductions from tests of tracklayer tractors. (In Italian.) Ann. della Sper. Agr. (n.s.)6:543-557. 1952. 16 An76
English summary.

86328 ARBEL. Precisions sur l'industrie française du tracteur. (Extr.) Monit. de la Mécan. Rur. 45:141-142. May 1952. 58.8 M74

86329 BELL, L. J. Give it more to do. Farmers Wk. [London] 37(5):54. Aug.1,1952. 10 F2226
Tractors.

86330 BJERNINGER, S. Transporterna i amerikanskt lantbruk. Farm transport and conveying equipment in USA. Jordbrtek. Inst. Meddel. 240,76 p. 1952. 58.9 J762
Wagons and conveyors.

86331 BLASCH, J. Wie ist es wirklich? Zur wirtschaftlichkeit des traktors im bäuerlichen betrieb. Osterr. Landtech. 5:71-74. Mar.1952. 58.8 L236

86332 BOLTON, B. The cost of liquefied petroleum gas as a tractor fuel in the Delta cotton areas of Louisiana. La. Rur. Econ. 14(3):3,7-8. Aug.1952. 281.8 L93

86333 BONDON, J. Ce qu'est la puissance d'un tracteur. Rev. Agr. de l'Afrique du Nord 50:159-160. Mar.7,1952. 80 R326

86334 BONDON, J. Les tracteurs à moteur semi-Diesel. Motorisation Agr. 7:300-301. June 1952. 58.8 M85

86335 BRASCHI, G. Agricultural fuels in the last twenty-five years. (In Italian.) Agricoltura 1(6):23-26. June 1952. 16 Ag8226
English summary.
Italian consumption for tractors and other equipment.

86336 BRICKWOOD, H. Pitfalls in buying a second-hand tractor. Power Farmer 9:70-71. Aug.1952. 58.8 P872

86337 BROOKE, C. Goodbye milk cans. Ill. Agr. Assoc. Rec. 30(7):4-5. July 1952. 6 IL62
Tank trucks.

86338 BUFFA, E. The tractor on small and medium sized farms. (In Italian.) Riso 1(5):23-24. June 1952. 59.8 R49
Italy.

86339 CAPEK, D. Tractor cultivator OLT K-30. (In Serbo-Croatian.) Vojvodanski Poljoprivrednik 8(8/9): 19-22. May 1952. 21.5 V87

86340 CILLIE, S. J. Consult experts independently before you buy a tractor. (In Afrikaans.) Wynboer 21 (248):11. May 1952. 390.8 W724
Union of South Africa.

86341 DELASNERIE, J. L'emploi des pneus en agriculture. Culture 36:13-14. May/June 1952. 14 C894

86342 FERGUSON, H. A. Hydraulic control systems for farm tractor implements. Power Farming Austral. & New Zeal. Tech. Annu. 1951:3-14. 58.8 P873

86343 GAL'CHENKO, D. Checking the lubrication system of DT-54 and SKHTZ-NATI tractor engines. (In Russian.) Tekhsovety MTS 13(5/6):10-11. 1952. 58.8 T233

86344 GONZALEZ, F. Precauciones que deben observarse para el buen manejo de los tractores. Campo [Tacuba] (ser.2)20(722):1-2,4,6,8-12,14,16-18. Apr.30, 1952. 8 C157

86345 HANSEN, B. B. Driving a tractor. (In Danish.) Dansk Landbr. 71:342-343. July 17,1952. 280.28 V91

86346 HAYNES, H. J. Organizing a tractor rodeo. Agr. Educ. Mag. 25:40. Aug.1952. 275.8 Ag8

86347 INSTITUTO RIO GRANDENSE DO ARROZ. Tratores e máquinas agrícolas para tratores; manutenção e conservação [Tractors and agricultural traction machines; maintenance and preservation], 1-2,4. Porto Alegre,1951. 3 v. 58.9 P83

86348 JOUHANNAUD, G. Le tracteur et ses outils. Rev. Agr. de l'Afrique du Nord 50:315-316. May 16,1952. 80 R326

86349 KNELL, K. Behandlung und wartung von luftreifen. Osterr. Landtech. 5:103-106. Apr.1952. 58.8 L236

86350 KNELL, K. Die montage von luftreifen. Osterr. Landtech. 5:145-147. May 1952. 58.8 L236

86351 KOCH, W. Unfallgefahren an traktoren. Deut. Agrartech. 2:38. Feb.1952. 58.8 D482

86352 KOLÍASIN, E. Cultivating tractors for the irrigated districts of cotton production. (In Russian.) Khlopkovodstvo 1:54-56. Jan.1952. 72.8 K522

86353 KOSWIG, M. Welche forderungen stellen traktoristen und werktätige bauern an einen neuen ackerschlepper? Deut. Agrartech. 2:56-59. Feb.1952. 58.8 D482

86354 MCHARDY, D. N. Tractors are better to-day, and cheaper. Power Farmer 9:55-56. Aug.1952. 58.8 P872

86355 MCKIBBEN, E. G., REED, I. F., and REAVES, C. A. Some effects of rim width on tractor tire performance under four conditions. Agr. Engin. 33:487-490,496. Aug.1952. 58.8 Ag83

86356 MILLIER, W. F. Tractor maintenance. (In Italian.) Avvenire Agr. 60:94-100. Apr.1952. 16 Av9

86357 MOWERY, A. S. Two-wheel farm wagon. Hoard's Dairyman 97:688-689. Aug.25,1952. 44.8 H65

86358 PATERSON, R. What is the cost of tractor work? Farm Mech. 4:268-270. July 1952. 58.8 B772

86359 PATTON, W. G. How good are Russian tractors? Impl. Rec. 49(9):32. Aug.1952. 58.8 Im73

86360 PETKOVIĆ, M. Production and utilization of farm tractors in the world. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(3):71-75. Mar.1952. 21.5 So1

86361 PRIBBERNOW, W. Pferdegeräte an kleinschleppern. Landtechnik 7:397-399. July 15,1952. 58.8 L235

86362 RAUSCHER, R. Traktor anschaffen? Osterr. Landtech. 5:153. May 1952. 58.8 L236

86363 REYNOLDS, P. A. Some new ideas for small trucks. Grower [London] 38:120. July 19,1952. 286.83 M34

86364 RODABAUGH, E. Un granjero que cuida al maximo su tractor. Campesino [Santiago] 84(5):21. May 1952. 9.3 So12

86365 SEIFERT. Untersuchung mit HD-ölen in wasser- und luftgekühlten schlepperdieselmotoren. Landbforsch. Völkenrode 2:62-64. July 1952. 18 L2353

86366 SERSCHEN, K. Abänderung und ergänzung des kraftfahrgesetzes. Bauer 5(1):14-15. Jan.5,1952. 19 B32
Austria.

86367 SEXTON, J. E. Preventive tractor maintenance. Farm Equip. Dealer 8(5):50,52,55. May 1952. 58.8 F2224

86368 SEXTON, J. E. A refresher course on farm tractor preventive maintenance. Farm Impl. News 73(15): 72-73,122. Aug.10,1952. 58.8 F22

86369 SHIELDS, J. W. Selecting rear tires for farm tractors. Agr. Engin. 33:485-486. Aug.1952. 58.8 Ag83

86370 SHULTIS, A. Tractor and truck use increasing, equipment employed more efficiently as orchard units expand in acreage. West. Fruit Grower 6(8):9-10. Aug. 1952. 95.8 G762

86371 SOKOVNIKOV, S. In regard to a type of tractor and an assembly of machines for irrigated cotton culture. (In Russian.) Khlopkovodstvo 1:43-53. Jan.1952. 72.8 K522

86372 TERRIZZANO, G. Estimation of future tractor requirements. (In Italian.) Humus 8(5):17-19. May 1952. 16 H88

86373 TERRIZZANO, G. European tractor industry within the framework of the world market. (In Italian.) Humus 8(4):22-23. May 1952. 16 H88

86374 THINGS you should know about storage batteries. Power Farming Austral. & New Zeal. Tech. Annu. 1951:15-23. 58.8 P873

86375 WRIGHT, R. A. Australian tractor tests; a report on practice and procedure. Power Farming Austral. & New Zeal. Tech. Annu. 1951:159-241. 58.8 P873

86376 ZOLOTAEV, F. Increasing the service of S-80 tractor fuel filters. (In Russian.) Tekhsovety MTS 13 (5/6):12-14. 1952. 58.8 T233

FARM STRUCTURES AND RURAL HOUSING

86377 CANEPARO, R. Le permis de construire en matière de bâtiments agricoles. Tarn-et-Garonne Agr. 15:49. (Cont.) Mar.1952. 14 T17

86378 KALLIOKOSKI, S. The importance of planning in farm building. (In Finnish.) Teho 5:207-209. 1952. 20 T98
English summary, p. 278.

86379 KOKKOLA, R. Don't build without plans. (In Finnish.) Teho 5:262-264. 1952. 20 T98
English summary, p. 278.

86380 SCHLEWSKI, G. Agrarpolitische aufgaben im landwirtschaftlichen bauwesen. Deut. Landwirt.-Gesell. Mitt. 67:465-466. June 28,1952. 18 N39

86381 SPIELBERGER, A. Bauliche massnahmen zur brandverhütung. Kärntner Bauer 102:411-412. July 12, 1952. 19 K14

86382 STOPFORD, R. R. Repairs to agricultural buildings. Estate Mag. 52:322-323. Aug.1952. 10 Es8

Animal Shelters and Animal Service Buildings

86383 BARON, D. He takes the toil out of dairying. Farmer's Mag. 49(7):10-11. July 1952. 7 C165
Barn stabling converted to pen housing.

86384 BELL, R. K., and MAITS, B. My best bet: wire floors for hens. Country Gent. 122(8):23. Aug.1952. 6 C833

86385 BERGMANN, H. Die ersten erfahrungen im schuppenstall Neugattersleben. Deut. Landwirt. 3:313-319. June 1952. 18 D4822
Design and layout.

86386 BLOCHL, F. Standlänge und standbreite. Bauer 5(25):10-11. July 12,1952. 19 B32
Cattle housing.

86387 BROUGHTON, A. A milk house to meet the "musts". Wis. Agr. & Farmer 79(15):6-7. Aug.2,1952. 6 W751

86388 COX, E. F. Air conditions in and near farm buildings. Agr. Engin. 33:495-496. Aug.1952. 58.8 Ag83
Barns.

86389 DALE, A. C. How does ventilation work? Broiler Growing 3(8):14,36-38. Aug.1952. 47.8 B782

86390 DUNSTAN, W. D., and WAY, G. S. How to repair your old barn. Farmer's Mag. 49(7):14,38-39. July 1952. 7 C165

86391 EVANS, G. L. B. A shed for the shearing. Farmer & Stock-Breeder 66(3275):34-35,37. July 29, 1952. 10 F228

86392 GEDDES, W. Housing for pigs. Worcestershire Agr. Chron. 20:203,205,207,209,211. June/Aug. 1952. 10 W892

86393 GUARD, B. Building that central farrowing house. Breeder's Gaz. 117(6):9,18-19. June 1952. 49 B74

86394 HODGE, C. H. A barn the cows can pay for. Farmer's Mag. 49(7):9,40-41. July 1952. 7 C165

86395 JONES, R. E. The march of time in poultry housing. Rur. New Yorker 102:466,484. July 19,1952. 6 R88

86396 KNOPFF. Bau und einrichtung von jungviehställen. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 1140-1141. July 24,1952. 18 L2346

86397 KOLL, F. Der arbeitsparende berghof. Osterr. Landtech. 5:74-76. Mar.1952. 58.8 L236
Barns.

86398 KOLL, F. Schweinestall und futterküche. Bauer 5(7):4-5. Feb.16,1952. 19 B32

86399 KREWATCH, A. V. New idea in milking parlor. Elect. Farm Mag. 25(7):9,31. Aug./Sept.1952. 335.8 EL27

86400 KRUEGER, W. C. Solar type hog house. Better Farming Methods 24(9):32-34,36. Sept.1952. 58.8 B46

86401 LAROCK, M. J., and BRUNS, E. G. A milk house. Wis. Agr. Col. Ext. Spec. C. 14,rev.,32 p. Feb. 1952. 275.29 W75S
Construction.

86402 LIEBENBERG, O. Hinweise für die hüttenhaltung der schweine. Tierzucht 6:45-46. Feb.1952. 49 T443

86403 LUOSTARINEN, P. A new cow-house and an elevatorbarn. (In Finnish.) Teho 5:212-213. 1952. 20 T98
English summary, p. 278.

86404 MARQUARDT, F. Schweinehütten aus pressstrohballen. Tierzucht 6:80-81. Mar.1952. 49 T443

86405 MERRILL, R. Fan ventilation for Idaho laying houses. Utah Poultry Co-op. 16(6):5,19,22. Feb.1952. 280.28 Ut1

86406 MORRIS, L. Better and more eggs—by insulating and ventilating. Utah Poultry Co-op. 16(10):5, 15,18. June 1952. 280.28 Ut1
Housing.

86407 OHL, R. Von welchen grundsätzen muss beim bau von schweinehütten ausgegangen werden? Tierzucht 6:11-15. Jan.1952. 49 T443

86408 PORTERFIELD, I. D. Dairy cow stall studies. W. Va. Agr. Expt. Sta. B. 349(3):4,8. June 1952. 100 W52

86409 QUIGLEY, G. D. Help broilers beat the heat. Broiler Growing 3(8):16,32. Aug.1952. 47.8 B782
Housing.

86410 RAUSING, R. A rubber and strawless cowshed. Farming News & No. Brit. Agr. 104(30):7,12. July 18, 1952. 10 N82
In Sweden.

86411 RAUSING, R. Swedish "rubber cowshed" reduces milk production costs. Milk Dealer 41(11):48-49, 96-97. Aug.1952. 44.8 M595

86412 REBER, N. F. Built-in efficiency. Pa. Farmer 147:90-91. Aug.9,1952. 6 P383
Poultry house.

86413 RODRIQUE, L. La laiterie de ferme. Québec Lait. 11(6):36-37. June 1952. 44.8 Q3
Includes construction.

86414 ROGER, M. La désinfection & désinsectisation des locaux d'élevage par le blanchiment. Agr. Prat. 116: 314. June 1952. 14 J82

86415 SCHOLZ. Von welchen grundsätzen muss beim bau von schweinehütten ausgegangen werden? Eine Stellungnahme zum artikel von Ohl in heft 1/1952. Tierzucht 6:117. Apr.1952. 49 T443

86416 SWEET, M. C. Pullets need special care at housing time. Poultry Tribune 58(8):7. Aug.1952. 47.8 P8642

86417 TRINIDAD, L. A. The floor space requirements of layers raised in battery cages. Philippine Agr 35:100-106. July 1951. 25 P542

86418 VAN VLACK, C. H. Paved barnyards pay off. Hoard's Dairyman 97:683. Aug.25,1952. 44.8 H65

86419 WILSON, E. B. Corral up to date; a new design for handling cattle more efficiently. Amer. Hereford J. 43(7):90. Aug.1,1952. 43.8 Am32

86420 WINNER, E. B. New houses from old: you can remodel almost any building for layers. Poultry Tribune 58(8):8,16. Aug.1952. 47.8 P8642

86421 WITZEL, S. A. La stabulation libre des vaches laitières. Québec Lait. 11(6):20-23. (Cont.) June 1952. 44.8 Q3

86422 WOLLNEY, F. Range shelters for poultry. Flour & Feed 53(3):31. Aug.1952. 298.8 F66

86423 WOLLNEY, F. Range shelters for your poultry? Iowa. State Col. Agr. Ext. Iowa Farm Sci. 7: 9-10. July 1952. 275.28 Io94

86424 ZECHNER, W. Ein gesunder, praktischer und billiger schweinestall. Osterr. Landtech. 5:139-142. May 1952. 58.8 L236

Farmhouses and Farmsteads

86425 BARLOWE, R., and HARTMANS, E. H. Some aspects of farm housing and service buildings in Michigan. Mich. Agr. Expt. Sta. Tech. B. 232,31 p. June 1952. 100 M58S

86426 DARDEN, G. Development of home equipment and facilities. Tex. Agr. Workers' Assoc. Proc. 24:5-8. 1951. 4 T314
Texas rural housing.

86427 DICKINS, D. Survey shows features desired in farm buildings. Miss. Farm Res. [Miss. Sta.] 15(6):5. June 1952. 100 M69Mi
Farm houses.

86428 DICKINSON, H., and SCOVEL, J. B. This house can be built to fit your family. Successful Farming 50(8): 38-41,54. Aug.1952. 6 Su12

86429 KOLL, F. Die dachhaut des bauernhofes. Bauer 5(25):11-13. July 12,1952. 19 B32

86430 OOSTERBAAN, T. The new farm dwelling. I-II. (In Dutch.) Friesch Landbbl. 49:373,385. June 6-13, 1952. 12 F91

86431 SMITH, F. D., and WILCOX, B. Rural housing. Farmers Annu. 1952:61-63. 10 F2237
Great Britain.

86432 STAAB, J., SPEER, E., and JAQUES, H. Average family prefers 1-story house. Tenn. Agr. Expt. Sta. Prog. Rpt. 1:6. Jan./Mar.1952. 100 T25F

Greenhouses and Plant Service Buildings

86433 AUDORFF, H. Das gewächshaus aus der kiste. Ist der selbstbau von gewächshäusern noch rentabel? Vorschläge zur rationalisierung des industriellen gewächshausbaus. Tech. f. Bauern u. Gärt. Ausg. G 4:275-276. June 25,1952. 58.8 T223G

86434 CORTVRIENDT, S. F., and GROOTE, R. DE. Künstliche luftbefeuchtung in gewächshäusern. Schweiz. Gärtztg. 55(29):1-3. July 24,1952. 80 G1939

86435 GUERIN, B. C. DE. Glasshouse expansion in Jersey. Grower [London] 38:121. July 19,1952. 286.83 M34

86436 HAGER, H. Constructing a small greenhouse for the amateur. Amer. Orchid Soc. B. 21:505-507. July 1952. 80 Am329

86437 JAMES, H. S. "Production" lighting for Chrysanthemums. Illum. Engin. 47:447. Aug.1952. 291.8 I16
In greenhouses.

86438 JOHNSON, J. M. We build an invernadero. Amer. Orchid Soc. B. 21:576-579. Aug.1952. 80 Am329

86439 KALIN, E., and POTTER, C. H. Greenhouse ventilation. Florists' Rev. 110(2856):23-24. Aug.21,1952. 80 W41

86440 KLAIBER, K. Einfache und dauerhafte frühbeetkästen. Tech. f. Bauern u. Gärt. Ausg. G 4:251-252. June 10,1952. 58.8 T223G

86441 MORGAN, L. Value of portable miniature glasshouses. Fruit, Flower & Veg. Trades' J. 102(4): 24-25. July 26,1952. 80 F946

86442 QUARRELL, C. P. Glass for the smallholder. Worcestershire Agr. Chron. 20:229,231,233,235,237,239. June/Aug.1952. 10 W892
Vegetable culture in greenhouses.

86443 ROCKWELL, F. F. Which greenhouse for you? Home Gard. 20(2):14-18. Aug.1952. 80 H756

86444 WELLS, J. S. Propagating structures. Amer. Nurseryman 96(3):18, 79. Aug.1,1952. 80 Am371

Materials and Methods

86445 OGAWA, T. Studies on the strength of the clay cement. (In Japanese.) Matsuyama Agr. Col. Sci. Rpt. 7, 107 p. Ref. Dec.1951. 107.6 Eh32
English summary.

86446 PORTOCARRERO, J. N. Vigas compuestas de madera y metal. Agronomia [Lima] 17(69):28-31. May/June 1952. 9.8 Ag83

Storage Structures

86447 ALBRECHT, R. Better corn cribs. Prairie Farmer. Gen. Ed. 124(14):6,31. July 19,1952. 6 P883
Includes corn storage systems.

86448 BONFIELD, J. P. Today's newest crib, flexible for the future. Business Farming 11(5):8-9. June 1952. 6 B96

86449 CARPENTER, C. F. The compost bin. Org. Gard. 20(8):24-25,58. Aug.1952. 56.8 Or3

86450 DAŤŠEVICH, M. A., and FEDENÍÙK, A. I. To utilize the simplest mechanization in hay stacking. (In Russian.) Kormovafà Baza 3(6):50-52. June 1952. 60.8 K84

86451 DIETZ, F. Glückliche lösung: der stahlgewebe-silo! Bauern-Ztg. 5(29):5. July 18,1952. 18 B324

86452 HECKL, R. Runder oder eckiger silo? Kärntner Bauer 102:375-376. June 21,1952. 19 K14

86453 HOLMQVIST, N. New experiences with aluminum tower silos. (In Swedish.) Lantmannen 36: 603-604. Aug.2,1952. 11 L234

86454 IRISH, P. F. Silo building in South Africa. Milling 119:113. Aug.2,1952. 298.8 M622

86455 KOLL, F. Frostschutz an jauchegruben. Bauer 5(3):5. Jan.19,1952. 19 B32

86456 RECK, S. H., JR. Saving sweat in the silo. N. J. Farm & Gard. 23(8):14-15. Aug.1952. 6 G162
Self-feeding silos.

86457 STANLEY, J. M., and SHEPHERD, J. L. Bright leaf tobacco curing barn construction. Ga. Coastal Plain Expt. Sta. Mimeog. Paper 74,4 p. Jan. 1951. 100 G292M

86458 STOPFORD, R. R. Design for flow. Farmers Wk. [London] 37(5):50-51. Aug.1,1952. 10 F2226
Grain storage plant.

86459 STORGÄRDS, S. J. Weatherproofing the cellar. (In Finnish.) Teho 5:254-256. 1952. 20 T98
English summary, p. 278.

86460 TICKNER, N. S. A pisé silo. Agr. Gaz. N. S. Wales 63:229-231. May 1952. 23 N472

86461 ZAITSEV, K. P. In regard to ensilage in pits. (In Russian.) Vsesoíùzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):98-105. 1951. 448.39 L54

Walls and Fences

86462 CHRISTOPH. Umtriebsweide und elektrozaun. Deut. Landwirt. 3:311-313. June 1952. 18 D4822

86463 COPELAND, J. T. Farm fences. Miss. State Col. Ext. P. 173,10 p.-folder. Feb.1951. 275.29 M68Ext

FARM UTILITIES

Electricity and Electrification

86464 BHOWMICK, N. P. Rural electrification in India. Sci. Club J. 4(3):16-27. Feb.1951. 475 Sci29

86465 CARIGNAN, M. L'importance de l'électricité sur nos fermes. Ferme 13(10):10-11,37,47. June 1952. 7 F38
Canada.

86466 FISCHER-SCHLEMM, E. Die verbesserung der stromversorgung auf dem lande. Bad. Landwirt. Wchnbl. 119:533. Aug.2,1952. 18 B142

86467 FOSS, W. C. Insulated wiring is farm safeguard. Pure Milk 25(9):14. Sept.1951. 280.28 P97

86468 FUNK, E. Better home lighting. Okla. Agr. Col. Ext. C. 439,15 p. n.d. 275.29 Ok41C

86469 GARENC, P. Les aménagements hydroélectriques du bassin de la Vienne. Ann. de Géog. 61:106-122. Mar./Apr.1952. 473 An75
France.

86470 GREGORY, C. E. Rural electrification as an aid to increased food production. So. Austral. Dept. Agr. J. 55:526-527. May 1952. 23 So84

86471 JOHNSON, R. E. New twist to farm wiring. Elect. Farm Mag. 25(7):16-18. Aug./Sept.1952. 335.8 EL27

86472 KOSTUCH, M. Farm electrification tour finds wiring and equipment inadequate. Elect. News & Engin. 61(16):76-78. Aug.15,1952. 335.8 EL224

86473 LLOYD, M. H. Farm wiring is big business. Internatl. Assoc. Elect. Insp. News-B. 24(4):8-9. July 1952. 335.9 In8

86474 MCDONALD, F. Electricity on the farm. Farm & Mach. 3(21):4-5. Feb.1952. 58.8 F2294

86475 MADDEX, R. L. Safe wiring for the farm (demonstration). Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:185-186. 1951. 284.69 N19

86476 PETIT, K. L. L'electricite a la ferme, c'est de l'energie a bon compte. Sillon Belge 22(517):1,3. July 12,1952. 13 Si3

86477 ROOT, C. The district representative plan. Farm Electrif. 6(4):10,14. July/Aug.1952. 335.8 F224
Electric service.

86478 SCHULTZ, F. H. Electricity and grade "A" milk production. Elect. Farmer 6(6):5. June 1952. 335.8 N27

86479 SHCHUROV, S. Problems in electrification of socialist agriculture. (In Russian.) Voprosy Ékon. 5:42-53. May 1952. 280.8 V89

86480 SILVER, A. E. Pioneering and development of electrical service to the farm. Elect. Engin. 71:700-702. Aug.1952. 335.8 EL225

86481 U. S. RURAL ELECTRIFICATION ADMIN. 13th annual report of energy purchased by REA borrowers fiscal year ended June 30,1951. Washington,1952. 108 p. 1.933 En2

86482 U. S. RURAL ELECTRIFICATION ADMIN. Voltage evaluation and voltage improvement of rural distribution systems. Washington,1952. 4 p. 1 R88V

86483 WALL, A. P. Power—the farm's transportation. Co-op Power 9(8):8-9. Aug.1952. 335.8 C78
Electric power.

86484 WEIGERT, H. U. S. monopoly rules California countryside. Interagra 6:209-219. 1952. 28 In825
Hydroelectric projects.

Heating, Lighting, and Radiation

86485 ANDLINGER, H. Die infrarot- lampe in der landwirtschaft. Osterr. Landtech. 5:150-151. May 1952. 58.8 L236

86486 GESLIN, R. C. L'infrarouge a la ferme. France. Min. de l'Agr. Rev. Etudes & Monog. 72:159-160. July 1952. 281.8 F84
In poultry brooding.

86487 HAMILTON, C. L. Install infra-red heat lamps safely. Mutual Ins. B. 39(7):20-23. July 1952. 284.68 M983

86488 MIÊGE, E. Le gaz de fumier, possibilités et prix de revient. Inform. Marocaine 601:1,4. July 19, 1952. 281.8 In3
Manufacture.

86489 MIGNOTTE, F., and PITOT, R. Gaz de fumier à la ferme. Paris,Maison Rustique,1952. 84 p. 57.3 M58

86490 PERÄLÄ, E. The hot-water problem in farm households. (In Finnish.) Teho 5:218-221. 1952. 20 T98
English summary, p. 278.

86491 SINGER, G. C. Heat lamp safety drive. Farm Safety Rev. 10(4):6-7. July/Aug.1952. 449.8 F22

86492 SMITH, J. K. Safety precautions and L. P. gas. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55: 198-200. 1951. 284.69 N19

86493 U. S. RURAL ELECTRIFICATION ADMIN. Standard specification for deaerating feed water heaters. Washington,1951. 14 p. 1.933 St29

Power Plants, Motors and Engines on the Farm

86494 DUPRÉ, M. La pompe d'injection P. M. à piston unique. Motorisation Agr. 7:263-267. May 1952. 58.8 M85

86495 HENDRICHS, A. Zapfwellenanordnung und ihre probleme. Landmasch.-Markt 31:284-285. May 17,1952. 58.8 L239

86496 LE ROI, D. The windmill has a future and can provide power even when the sails don't turn. Agr. Mach. J. 6(7):31,70. July 1952. 58.8 Ag86

86497 PARKINSON, J. Importance of good air filtration to engines. Farm Equip. Dealer 8(6):60,62,64,68,90-91. June 1952. 58.8 F2224

86498 ROUILLIET, G. Moteur d'automobile et moteur de tracteur. Motorisation Agr. 7:291,293-294. June 1952. 58.8 M85

Sewage and Waste Disposal

86499 KOLL, F. Die kanalisation des bauernhofes. Bauer 5(2):5-7. Jan.12,1952. 19 B32

Telephones

86500 BEHM, F. E. Repairing and rebuilding rural telephone plant. 3. Telephony 143(3):18-19,42. July 19, 1952. 335.8 T23

86501 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. MOTION PICTURE SERV. R. E. A. telephone program. Washington?1951. 59 p. 1.914 M2R88

86502 U. S. RURAL ELECTRIFICATION ADMIN. A telephone for your farm; answers to questions about the rural telephone loan program. U. S. D. A. PA-88, slightly rev.,16 p. July 1952. 1 Ag84Pro

Water Supply

86503 ANGSTER, H. C. Running water. East. Dealer 46(4):8,11. Apr.1952. 58.8 Ea7

86504 CHEGUT. L'appréciation de la potabilité des eaux, comment se pose le probléme? Génie Rur. 45:194-195. June 1952. 58.8 Au8

86505 HUMES, D. Pump and pressure tanks are heart of farm water systems. Elect. Farmer 6(5):5,28. May 1952. 335.8 N27

86506 HUMES, D. Running water brings better living, health to the farm. Tex. Livestock J. 11(7):54,56. July 1952. 49 T29

86507 HUNTER, F. M., and COPELAND, J. T. A farm electric water system—plumbing,septic tanks. Miss. State Col. Ext. P. 211,20 p. Apr.1952. 275.29 M68Ext

86508 LALLOY. La tarification de l'eau dans les communes rurales. Génie Rur. 45:196-197. June 1952. 58.8 Au8

86509 MERTENS, W. Selbsttätige weidepumpen. Landtechnik 7:404-405. July 15,1952. 58.8 L235

86510 MUMGAARD, M. L. Is your water system automatic? Elect. Farmer 6(5):12. May 1952. 335.8 N27

86511 PUUSTJARVI, V., and JUUSELA, T. On rust precipitates present in drainage pipes and on the means of preventing their formation. Acta Agr. Scand. 2:131-152. Ref. 1952. 11 Ac82

86512 SLAGEL, P. W., and CLARK, J. A., JR. Safe water, front line for good health. Elect. Farmer 6(5):7, 33. May 1952. 335.8 N27

86513 YUNG, F. D. Modern water systems come to the farm. Elect. Farmer 6(5):9,32-33. May 1952. 335.8 N27

AGRICULTURAL PRODUCTS: PROCESSING, DISTRIBUTION, AND STATISTICS

GENERAL

86514 BARRY, W. R. Half a century of evolution in the food industry. Nowest. Miller 248(5):19-20,24-25, 37-38,40. July 29,1952. 298.8 N81

86515 BENNETT, M. K. Population, food, and economic progress. Rice Inst. Pam. 39(2),68 p. July 1952. 500 R36
Contains a chapter: Food and famine since the Middle Ages.

86516 BORASIO, L. On the banks of the sacred Indian rivers. (In Italian.) Riso 1(5):12-17. June 1952. 59.8 R49
Production of rice and other agricultural products.

86517 COMBINED CONFERENCE ON ADMIN. AND SCIENTIFIC ASPECTS OF FOOD IN CIVIL DEFENSE, LONDON, 1951. Food in civil defense; selected papers from the United Kingdom, United States, and Canadian Combined Conference. Pub. Health Rpt. 67:607-643. July 1952. 151.65 P96

86518 CORTEZ G., J. A. Produccion alimenticia. Mensajero Agr. 72/73:55. Apr./May 1952. 9.8 M52
The problem in Peru.

86519 DEVLIN, S. Can food & dairy companies widen profit margins? Mag. Wall St. 90:485-487,502-503. July 26,1952. 286.8 M27

86520 FINA, A. L. DE, and GARBOSKY, A. J. Difusión geográfica de cultivos indices en el Chaco Argentino y sus causas. Argentina. Inst. de Suelos y Agrotec. Tirada Int. 22,63 p. 1952. 9 Ar32

86521 FRANCE. DIRECTION DE LA DOCUMENTATION. La production et les prix dans le monde. France. Dir. de la Doc. Notes et Etudes Doc. 1640,19 p. Aug.2, 1952. 280.9 F843
Includes agricultural products.

86522 GREW, R. India and her food problems. Foreign Trade 12(289):2-4. July 12,1952. 286.8 C162

86523 HOBBES, J. C. Postwar progress in Asia's food production. Rur. Missions 83:8. Summer 1952. 281.28 Ag8

86524 HURD, A. Britain's food supplies. Farmers Annu. 1952:12-14. 10 F2237

86525 JENKS, J. La alimentación, la paz y el agricultor. Agr. Venezol. 16(153):14-18. Nov./Dec. 1951. 9.95 Ag8

86526 KINGDON, E. G. The quartermaster subsistence testing laboratory protects the military consumer. Assoc. Food & Container Inst. Activ. Rpt. 4:147-150. Second Q.1952. 389.9 As74A

86527 KLICKA, M,, and CALLOWAY, D. Ration, meal-type, 25-man pack. Assoc. Food & Container Inst. Activ. Rpt. 4:94-97,134. Second Q.1952. 389.9 As74A

86528 KRNO, J. M. New developments in starches and corn syrups. (Sum.) N. C. A. Bulletin 27(2):13. Apr./June 1951. 389.9 N215Bu

86529 LUBIN, I. Planning for the relief of famine emergencies. U. S. Dept. State. B. 27:111-113. July 21,1952. 150 B87

86530 MCCORMICK, C. J. 10 billion more quarts in 1975. Certif. Milk 27(8):7-8. Aug.1952. 44.8 C33
Food requirements and production possibilities.

86531 NIKLAS. Unsere ernährungslage und die landwirtschaftliche produktionsleistung. Molk.- u. Käserei-Ztg. 3:883-884. July 17,1952. 44.8 M736
Germany.

86532 POLITICAL AND ECONOMIC PLANNING. The world's food. Planning 18:229-248. Ref. Apr.7, 1952. 280.8 P693

86533 SACRISTI, H. Grave problema que hay que resolver el aumento de la población y la necesidad de intensificar la producción para evitar el hambre. Agr. Venezol. 16(153):36. Nov./Dec.1951. 9.95 Ag8

86534 SOMMERKAMP. Was bauen wir im jahre 1952/53 an? Landwirtbl. Weser-Ems 99:729-730. July 24,1952. 18 L2345
Crop outlook.

86535 THOMSON, A. G. New problems for food scientists. Food Indus. So. Africa 5(2):37-38. June 1952. 389.8 F7372

86536 VIERMANN, H. Zurückweisung von unqualifizierbaren vorwürfen aus den kreisen der lebensmittelreformer. (Abs.) Angew. Chem. 64:358. July 7,1952. 384 Z33

86537 WRIGHT, N. C. Scienctific problems in food defense. Pub. Health Rpt. 67:614-617. July 1952. 151.65 P96

86538 YIN, K. Y. Present and future of Taiwan's production. Chin.-Amer. Econ. Coop. 1(2):31-46. Feb. 1952. 173.2 M98C
Includes agricultural products.

86539 ZETHELIUS P., S. Materias primas de origen agrícola; su producción y fomento en Colombia. Rev. Nac. de Agr. 46(564):36-38,40-42. Apr.1952. 9.4 R32

ANALYSIS AND COMPOSITION

86540 BAKER, C. J. L. The determination of oxalates in fresh plant material. Analyst 77:340-344. July 1952. 382 An1

86541 BOURDON, D. Sur la mesure de l'alcalinité des cendres végétales. Ann. des Falsif. et des Fraudes 45:185-190. Ref. May/June 1952. 389.8 An72

86542 CARRANZA, F., and PAYVA C., C. A. Determinación flourométrica de riboflavina en alimentos consumidos en el Peru. (Abs.) Rev. Bras. de Quim. (Cien. & Indus.) 33:226-227. Apr.1952. 385 R322

86543 DEBYE, P., and EDWARDS, J. O. A note on the phosphorescence of proteins. Science 116:143-144. Ref. Aug.8,1952. 470 Sci2

86544 DONDEYNE, J. Biological oxidation. (In Flemish.) Agricultura [Louvain] 50:24-41. June 1952. 13 R32
French summary.

86545 GESELLSCHAFT DEUTSCHER CHEMIKER. Hauptversammlung; Frankfurt-M. 18.-23. mai 1952. Angew. Chem. 64:351-361. July 7,1952. 384 Z33
Includes agricultural products.

86546 GODDARD, V. R., and MARSHALL, M. W. The calcium content of commercial white bread. U. S. D. A. Tech. B. 1055,27 p. Ref. July 1952. 1 Ag84Te

86547 KENYON, W. C. Infrared absorption spectrum of toxaphene; identification in agricultural products. Analyt. Chem. 24:1197-1198. July 1952. 381 J825A

86548 KITTLESON, A. R. Colorimetric determination of N-trichloromethylthiotetrahydrophthalimide. Analyt. Chem. 24:1173-1175. July 1952. 381 J825A
Residues on crops.

86549 LEA, C. H., and RHODES, D. N. Studies of the reaction between proteins and reducing sugars in the "dry" state. V. Biochim. et Biophys. Acta 9:56-60. July 1952. 381 B522

86550 MCMEEKIN, T. L., and MARSHALL, K. Specific volumes of proteins and the relationship to their amino acid contents. Science 116:142-143. Ref. Aug.8, 1952. 470 Sci2

86551 MEYER, K. H. Starch degradation by amylases. 1-2. Baker's Digest 26:47-49,51,65-70. July-Aug. 1952. 389.8 Si1

86552 PERYAM, D. R., and GIRARDOT, N. F. QM pins food "likes" and "dislikes" with advanced taste-test method. Food Engin. 24(7):58-61,194. July 1952. 389.8 F737

86553 REITH, J. F. The analysis of saccharin in food products. (In Dutch.) Voeding 13:291-292. July 15,1952. 389.8 V85

86554 SHORB, M. S., and BRIGGS, G. M., Studies on the nutrition of Lactobacillus lactis, the organism used for the isolation of vitamin B_{12}. Md. Agr. Expt. Sta. B. A-66,12 p. Ref. June 1952. 100 M36S

86555 TÄUFEL, K., and MÜLLER, K. Uber die reversion von monosacchariden. Z. f. Lebensmtl.-Untersuch. u. Forsch. 94:401-409. June 1952. 384 Z39

86556 VOROKHOBIN, I. G., and KOZLIAEVA, T. N. Photocolorimetric determination of small quantities of ethyl alcohol. (In Russian.) Vsesoiuzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):154-158. 1951. 448.39 L54

86557 ZAHN, H. Über den feinbau einiger proteine. Angew. Chem. 64:295-308. June 7,1952. 384 Z33

CONSUMPTION AND UTILIZATION

86558 CLARK, T. F., and LATHROP, E. C. Dry grinding of agricultural residues: a new industrial enterprise. U. S. Bur. Agr. & Indus. Chem. AIC-336, 36 p. Ref. May 1952. 1.932 A2Ag82

86559 DÖRNER, H. Die entwicklung des verbrauches von brot und anderen nahrungsmitteln im Bundesgebiet. Brot. u. Gebäck 5:166-169. Nov.1951. 298.8 G33

86560 FISHER, C. H., and CROW, J. H. Food processing—a field of USDA research on crop utilization in the South. South. Food Processor 13(5-A):8-10. May 31,1952. 389.8 So82

86561 WAHLFISK, K. O. The consumption of foodstuffs in 1951. (In Swedish.) Jordbrekon. Meddel. 14: 226-234. June 1952. 257.3 J76

DISTRIBUTION, MARKETING, AND TRANSPORTATION

86562 BABA, K., SHISHIDO, T., and NAKAYAMA, S. Role of agricultural cooperatives in stabilizing the marketing of food after decontrol. (In Japanese.) Nogyo Sogo Kenkyu 6(2):1-93. Apr.1952. 22:5 N687

86563 BERTAUX, G. Die bahnhofsmärkte (terminal markets) in den Vereinigten Staaten. Obst u. Gemüse 4: 690-692. (Concl.) July 24,1952. 286.83 Ob72

86564 BOOTH, E. S. Freight rate increases. Mont. Stockgrower 24(5):46-47. May 12,1952. 49 M76

86565 DANIEL, M. Stretch your food dollar. S. Dak. State Col. Agr. Ext. C. 476,19 p. Feb.1952. 275.29 So85
Selection of various foods.

86566 DEUTSCHE LANDWIRTSCHAFT G. m. b. H. ZENTRALE MARKT- UND PREISBERICHTSTELLE. Die agrarmärkte in der Bundesrepublik 1951. Bonn,1951. 91 p. 280.38 Ag83
Statistics.

86567 FELCOURT, E. DE. L'organisation des marchés agricoles européens; conférence préparatoire de Paris—25-28 mars 1952. Agr. Prat. 116:311-313. June 1952. 14 J82

86568 GENTRY, D. L. Air cargo transportation and marketing. J. Mktg. 17:1-10. July 1952. 280.38 J82

86569 HARWELL, E. M., and SHAFFER, P. F. Some improved methods of handling groceries in self-service retail food stores. U. S. D. A. Mktg. Res. Rpt. 7,118 p. May 1952. 1 Ag84Mr

86570 HASSELBACH, W. VON. Gesetzliche grundlagen entbehrlich? Das gesetz als stützendes gerüst der marktordnung. Übersicht 3(6):8-13. June 1952. 18 Ub3
Germany.

86571 HERRICK, J. F., and others. An analysis of some methods of loanding out delivery trucks of produce wholesalers. U. S. D. A. Mktg. Res. Rpt. 15,39 p. May 1952. 1 Ag84Mr
S. W. Burt, M. R. Kercho, and A. Zagarella, joint authors.

86572 HOFER, H. Milchanlieferungs-, bewertungs- und arbeitsverhältnisse in schweizerischen käsereien. Schweiz. Milchztg. 78:375-376. (Cont.) July 18,1952. 44.3 Sch92

86573 INDUSTRIAL SURVEYS CO. Problems of establishing a consumer panel in the New York metropolitan area. U. S. D. A. Mktg. Res. Rpt. 8,41 p. May 1952. 1 Ag84Mr
To keep records of purchases of selected items.

86574 INSTITUT FÜR LANDWIRTSCHAFTLICHE MARKTFORSCHUNG, BRAUNSCHWEIG-VÖLKENRODE. Die landwirtschaftlichen märkte zu beginn des wirtschaftsjahres 1952/53. Agrarwirtschaft 1:195-214. Aug.1952. 281.8 Ag826
World markets.

86575 KERN, F. Güterwege sind mittel zur produktionssteigerung. Bauer 5(26):2-3. July 26,1952. 19 B32

86576 LANDBOUW-ECONOMISCH INSTITUUT. De markt- en prijspolitiek in de britse landbouw. Market and price policy in British agriculture. Landb.-Econ. Inst. Nota 78:78-92. Aug.10,1951. 281.9 L23N

86577 LIEBISCH, W. Sparsam angelegte seilbahnen für bergbauern. Österr. Landtech. 5:117-119. Apr.1952. 58.8 L236
For agricultural products.

86578 MACDONALD, D. W. Selling produce by the [Ontario] roadside. Family Herald & Wk. Star 83(32):7, 12. Aug.7,1952. 7 F21

86579 MADRID. SECCION DE ESTADÍSTICA. Resumen estadístico correspondiente al año 1951. Madrid, 1952. 110 p. 263 M262
Contains food marketing data.

86580 MOORE, C. B. Wave lengths—controls. West. Grower & Shipper 23(9):6-7. Aug.1952. 280.38 W52
Federal-State Market News Service.

86581 PAUL, D. Truth about freezer food plans. Frosted Food Field 15:15,39. July 1952. 389.8 F922

86582 PLUMMER, K. V. Improvement in refrigerator-car facilities. Blue Anchor 29(3):17,39-40. Aug. 1952. 286.83 B62

86583 SARTORIUS, L. C. Eating places as marketers of food products. U. S. D. A. Mktg. Res. Rpt. 3,118 p. 1952. 1 Ag84Mr

86584 STEELE, D. C. Stocks and stability. J. Farm Econ. 34:369-377. Aug.1952. 280.8 J822
Speculation in storable farm products.

86585 STORM-PEINE. Gegenwartsfragen der agrarpolitik—die kartellverordnung. Landwirtbl. Weser-Ems 99:652-653. July 3,1952. 18 L2345

86586 VICTOR, M. Un nouveau maillon de la chaîne du froid: le groupe mobile routier de préréfrigération de la S. T. E. F. [Société Française de Transports et Entrepôts Frigorifiques]. Rev. Prat. du Froid 7(11):35-38. Aug.1952. 295.8 R323

GRADING, INSPECTION, STANDARDIZATION, AND QUALITY

86587 BULL, R. S., JR. Factory inspection provision—sense or nonsense? Food Drug Cosmetic Law J. 7:437-455. July 1952. 389.58 F732

86588 CHAIN STORE AGE. Grocer's manual July 1952, 19th annual edition. Chain Store Age, Grocery Exec. Ed. 28(7):83-206. July 1952. 286.28 C34
Description and grades of food products.

86589 FISTERE, C. M. The imitation jam case—some implications. Food Drug Cosmetic Law J. 7:165-171. Mar.1952. 389.58 F732

86590 FORBES, D. R. The practical effects of the jam case decision. Food Drug Cosmetic Law J. 7:178-183. Mar.1952. 389.58 F732

86591 GILBERT, A. M. Standardized foods need protection. Food Drug Cosmetic Law J. 7:172-177. Mar. 1952. 389.58 F732

86592 GOLDSTEIN, E. Gedanken zum lebensmittelrecht. (Abs.) Angew. Chem. 64:358. July 7,1952. 384 Z33
Regulation.

86593 GOODRICH, W. W. Enforcement and judicial progress in 1951 under the Federal Food, Drug, and Cosmetic Act. Food Drug Cosmetic Law J. 7:197-210. Mar.1952. 389.58 F732

86594 JANSSEN, W. F. The law behind the label; what dietitians should know about food standards and the Food, Drug, and Cosmetic Act. Amer. Dietet. Assoc. J. 28:609-613. July 1952. 389.8 Am34

86595 LANE, E. A. Food poisoning. Today's Health 30(6):28-29,50. June 1952. 449.8 H993

86596 MCCALLUM, G. E., FAULKNER, J. D., and KOELZ, S. E. Food sanitation problems in emergency feeding. Pub. Health Rpt. 67:639-641. July 1952. 151.65 P96
Civilian defense.

86597 MINTENER, B. Report on 1951 progress in Product Liability Law. Food Drug Cosmetic Law J. 7: 466-471. July 1952. 389.58 F732

86598 NORSWORTHY, F. K. Some effects of grade labelling. Business Q. 17:117-128. Summer 1952. 280.8 Q24
Canada.

86599 PIETTE, A. M. Les problèmes posés par l'addition de substances étrangères aux aliments et aux boissons. Petit J. du Brasseur 60:506-507. July 11,1952. 390.8 P44

86600 PULGAR VIDAL, J. Comentarios a un artículo. II. Alcances al artículo del Ingeniero Agrónomo Don Daniel Mesa Bernal sobre medidas y voces agrícolas de Nariño. Agr. Trop. 8(6):45-47. June 15,1952. 26 Ag8

86601 RANKIN, W. B. Examination and salvaging of food supplies. Pub. Health Rpt. 67:627-631. July 1952. 151.65 P96
In civilian defense.

86602 RUSSELL, B. W. Team work will solve the problem of clean food. New Zeal. Dept. Health. Health 4 (2):6. June 1952. 449.8 H342

86603 SCHULTE, K. E., and SCHILLINGER, A. Untersuchungen über den oxydativen abbau der l-ascorbinsäure. III. Z. f. Lebensmtl.-Untersuch. u. Forsch. 94: 309-323. May 1952. 384 Z39

86604 SENN, C. L. Relationship between Federal, State, and local food sanitation programs. Amer. J. Pub. Health 42:974-979. Aug.1952. 449.9 Am3J

86605 SUNDERVILLE, E. J. How to use subsistence specifications. Assoc. Food & Container Inst. Activ. Rpt. 4:135-141. Second Q.1952. 389.9 As74A

86606 TARLATZIS, C., and CHRISTODOULOU, T. Intoxications et infectious d'origine alimentaire. (In Greek.) Hellen. Kteniatrikes Hetaireias. Delt. Ser. B 3: 103-118. Ref. July/Sept.1951. 41.9 So18
French summary.

86607 TRICHTER, J. Municipal food and drug law: the New York City Sanitary Code. Food Drug Cosmetic Law J. 7:456-465. July 1952. 389.58 F732

86608 U. S. PRODUCTION AND MARKETING ADMIN. Conversion factors and weights and measures for agricultural commodities and their products. Washington, 1952. 96 p. 1.956 A2C762

PACKING AND PACKAGING

86609 CARTWRIGHT, L. C., and KELLEY, P. H. Organoleptic evaluation of paper products for food packaging. Tappi 35:306-309. Ref. July 1952. 302.8 T162

86610 GOOD PACKAGING. 1952 yearbook. Good Packaging 13(7),210 p. July 1952. 280.38 G59

86611 MEYER, A. I. Part of a system. Assoc. Food & Container Inst. Activ. Rpt. 4:54-64. First Q. 1952. 389.9 As74A
Packaging of foods for the armed forces.

86612 RUBINATE, F. J. Packaging subsistance for the armed forces. Assoc. Food & Container Inst. Activ. Rpt. 4:122-129. Second Q.1952. 389.9 As74A

86613 SMITH, C. Glass packaging for processed foods. Glass Packer 31:511-513,547,549. Aug.1952. 309.8 G463

PRICES, PRICE CONTROL, AND RATIONING

86614 DEAN, J. H. The 1952 price support program for Mississippi. Washington,U. S. Prod. & Mktg. Admin., 1952. 10 p. 1.956 C82D34
Summary of remarks at a meeting of Mississippi County Committeemen with the Mississippi State PMA Committee, at Biloxi, June 25-27, 1952.

86615 GEUTING, H. Der einfluss der preisverhältnisse auf die produktionsmethoden in der landwirtschaft. Ber. über Landwirt. (n.s.)30:179-190. 1952. 18 G31

86616 HANAU, A. Paritätspreise. Agrarwirtschaft 1:161-169. July 1952. 281.8 Ag826

86617 HERING, G. Wie soll die parität erreicht werden? Allgäuer Bauernbl. 20:363-364. July 10,1952. 18 AL53

86618 HIRSCH, W. Z. A survey of price elasticities. Rev. Econ. Studies 19:50-60. Ref. 1950/51. 280.8 R329
Includes prices of agricultural products.

86619 HJELM, L. The agricultural price development and price relations in the Scandinavian countries. (In Swedish.) Nord. Jordbrforsk. 34:1-19. 1952. 11 N752
English summary.

86620 KERR, R. S. Senator backs parity for '52. GTA Digest 12:7-9. Jan.1952. 280.28 G11

86621 LEON GARRE, A. El derrumbamiento de los precios y la conciencia agrícola. Ceres [Valladolid] 17 (192):9,11. June 1,1952. 15 C33
Spain.

86622 NORTON, L. J. Some trends in our price levels. Grain & Feed J. Consolidated 109(3):20,23. Aug.13,1952. 298.8 G762

86623 PARSONS, F. L. Price supports in the spotlight. Mont. Stockgrower 24(7):7-10. July 15,1952. 49 M76

86624 ROBINSON, K. L. Farm price programs. N. Y. Agr. Col. A. E. 825,27 p. June 1952. 281.9 C81

86625 SCHWEIZERISCHES BAUERNSEKRETARIAT. Preise landwirtschaftlicher erzeugnisse und ernteerträge in der Schweiz 1951. Landwirt. Jahrb. der Schweiz 66:381-428. 1952. 17 L23

86626 STROBL. Agrarpreise, bauern und sozialisten. Burgenländische Bauernbündler 5(11):4-6. June 10,1952. 19 B91

86627 SUCHTELEN, G. E. VAN. Provisional prices for Swedish agricultural products for 1952-53. (In Dutch.) Landbouwwereldnieuws 7:373-376. June 14, 1952. 12 L237

86628 TAYLOR, H. P. The farmer's problem of a firm market. Commonwealth 19(7):19-20. July 1952. 280.8 C732
Prices.

86629 THOMA, F. Die neue agrarpreisbildung. Burgenländische Bauernbündler 5(11):1. June 10,1952. 19 B91

86630 THOMA, F. Neue agrarpreise. Bauer 5(22): 2. June 14,1952. 19 B32
Austria.

86631 TOI, K. A comparison of the regulations of the Price Supporting Act of the U. S. A. Government. (In Japanese.) Nogyo Sogo Kenkyu 6(2):275-290. Apr. 1952. 22.5 N687

86632 WALSH, R. M. Statistical techniques for the analysis and interpretation of price data. Washington, U. S. Prod. & Mktg. Admin.,1952. 23 p. 1.941 A2W16
Paper presented at the National Marketing Research Workshop, College Station, Texas, July 14, 1952.

PROCESSING AND STORAGE

86633 AYLWARD, F. Lecithin in food processing. II. Food Mfr. 27:311-314. Ref. Aug.1,1952. 389.8 F736

86634 BATE-SMITH, E. C. Preservation of meat, eggs, fruits and vegetables. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:366-370. 1949, pub.1951. 279.9 Un32P

86635 BELLEMARE, E. R. Food plant sanitation; rat prevention is everybody's business. Canad. Food Indus. 23(7):24-26. July 1952. 286.83 C166

86636 BENTZ, R. W., O'GRADY, T. J., and WRIGHT, S. B. Antioxidants and food preservation. Food Technol. 6:302-304. Ref. Aug.1952. 389.8 F7398

86637 BORGSTRÖM, G. Preservation of perishable foods. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:370-374. 1949,pub.1951. 279.9 Un32P

86638 BORGSTRÖM, G. De senaste framstegen inom konserveringsforskning och konservteknik [Latest development in food preservation research and technique]. Svenska Inst. f. Konservforsk. P. 55,18 p. 389.9 Sv2

86639 BOYD, J. M., HEINEN, J. M., JR., and PARRIN, F. W. Engineering the air removal from canned foods. Continental Can Co. B. 29,12 p. Ref. 1952. 389.9 C7624

86640 BUDD, N. H. National Canners Association collaborates with other agencies in canned foods research. Good Packaging 13(7):61-64,69-74. July 1952. 280.38 G59

86641 CANNING TRADE. Almanac 1952. Baltimore, 1952. 340 p. 286.83 C163
Statistics, grades, and laws.

86642 CASHMORE, A. B. The storage of some agricultural products in Australia. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:344-347. Ref. 1949,pub.1951. 279.9 Un32P

86643 CAULK, J. R., JR. Refrigeration in the food store. I. Refrig. Engin. 60:831-836,886,888. Aug.1952. 295.9 Am32J

86644 DANIEL, M. Variety every day with frozen foods. S. Dak. State Col. Agr. Ext. C. 479,12 p. June 1952. 275.29 So85
Home freezing of food.

86645 DENNING, H. Home canning—questions a answers. Pa. State Col. Agr. Ext. C. 405,22 p. Aug 1952. 275.29 P38C

86646 FELDER, A. P., and others. Freezing foods. Miss. State Col. Ext. P. 176,33 p. Apr.1951. 275.29 M68Ext
G. Boyette, C. Hines, K. H. Buckley, P. Yount, and W. L. Richmond, joint authors.

86647 FELDER, A. P. Let's can. Miss. State Col. Ext. P. 201,13 p. Dec.1951. 275.29 M68Ext
Formerly Circular 142.

86648 GANE, R. Freeze-drying of foodstuffs. In Institute of Biology. Freezing and drying, p.31-39. London,1951. 295.9 In72

86649 GOVIN, L. Storage of agricultural products. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:354-356. 1949,pub.1951. 279.9 Un32P

86650 HAYES, K. M., ESSELEN, W. B., JR., and FELLERS, C. R. Freezing foods at home. Mass. U. Agr. Ext. L. 257,32 p. May 1952. 275.29 M381L

86651 HERMES, E. Steinzeug in der nahrungs- und genussmittelindustrie. Chem. Tech. 4:164-165. Apr. 1952. 384 C4283

86652 HOWARD, L. B. Preservation of perishable foods. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:359-363. Ref. 1949,pub.1951. 279.9 Un32P

86653 HUKILL, W. V. Storage and preservation of agricultural products. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:342-344. Ref. 1949, pub.1951. 279.9 Un32P

86654 ILDIS. Les recherches projetées par le Laboratoire du Froid sur quelques produits marocains. Terre Marocaine 26:273-278. July 1952. 24 T44

86655 INSTITUTE OF BIOLOGY. Freezing and drying; report of a symposium held in June, 1951. London,1951. 205 p. 295.9 In72

86656 KEFFORD, J. F., and EMPEY, W. A. Australian problems in the preservation of perishable foods. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:374-377. Ref. 1949,pub.1951. 279.9 Un32P

86657 LARRAT, R. L'application du froid aux denrées périssables dans les Territoires d'Outre-Mer; bases pour un programme d'équipement rationnel. Nouvelle Rev. Franç. d'Outre-Mer (n.s.)44:125-128. June 1952. 280.8 B873

86658 LARRAT, R. L'équipement frigorifique outremer. Nouvelle Rev. Franç. d'Outre-Mer (n.s.)44:109-110. May 1952. 280.8 B873

86659 LLOYD, B. H. A statistical problem in food processing. Canad. Food Indus. 23(8):14-15. Aug.1952. 286.83 C166

86660 MCARDLE, F. J., GAYLORD, F. C., and DESROSIER, N. W. A practical solution to food plant sanitation problems in Indiana. Canner 115(5):14-15. Aug.2,1952. 286.83 C16

86661 MARSHALL, H. Frozen foods—pro and con. 27(5):11,60. Aug.1952. 286.83 W622

86662 NEW JERSEY. STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS. EXTENSION SERV. Cake from your freezer. N. J. Agr. Col. Ext. L. 87,4 p. June 1952. 275.29 N46L

86663 PAGE, J. What's happening in the frozen foods case? Super Mkt. Merchandising 17(8):47-49,52-53,55-57. Aug.1952. 389.8 Su7

86664 PEDERSON, C. S. The inhibition of the activity of microorganisms in food products for the armed forces. Assoc. Food & Container Inst. Activ. Rpt. 4:98-105. Second Q.1952. 389.9 As74A

86665 SALLES, C. Le froid et les denrées périssables. Rev. Prat. du Froid 7(10):35-37. (Concl.) July 1952. 295.8 R323

86666 SCOTT, W. J. Sanitation in food freezing and refrigeration. Refrig. J. 5(12):22-24. June 1952. 295.8 R255

86667 SYKES, S. M. Progress in food preservation. Agr. Bur. N. S. Wales. State Conf. Hawkesbury Agr. Col. 27:34. 1951. 23 Ag82S

86668 TECHNICAL facts for food processors on nickel and high-nickel alloys. Food Engin. 24(8):79-81, 218,220-221. Aug.1952. 389.8 F737

86669 THALER, H. Die färbung von lebensmitteln und ihr nachweis. (Abs.) Angew. Chem. 64:314-315. June 7,1952. 384 Z33

86670 THISTLE, M. W., and COOK, W. H. Work of the Canadian Committee on Food Preservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6: 363-366. 1949,pub.1951. 279.9 Un32P

86671 TURNER, O. C. Advanced practices gear plant for multi-product output. Food Engin. 24(8):100-103. Aug.1952. 389.8 F737
Food processing equipment.

86672 VEERDIG, C. The cooperative "locker plant (In Dutch.) Co-operatie 14:68-69. June 1952. 280.29 N216M

86673 WATTS, R. B. Sanitation in the food preservation industry. Canning Trade 75(3):11-12. Aug.4,1952. 286.83 T67

86674 WEST, G. A. Changes in the constitution of the International Association of Milk and Food Sanitarians, Inc., and the effect on our association. N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25:129-133,135-137. 1951,pub. May 1952. 44.9 N4833

86675 WINTER, J. D., and others. The effect of fluctuating storage temperature on the quality of stored frozen foods. Food Technol. 6:311-318. Ref. Aug.1952. 389.8 F7398
A. Hustrulid, I. Noble, and E. S. Ross, joint authors.

86676 WOODS, R. M. Frozen baked products. Amer. Soc. Bakery Engin. Proc. 28:196-207. 1952. 389.9 Am37P
Includes discussion.

STATISTICS

86677 AUSTRALIA. BUR. OF CENSUS AND STATISTICS. Report on food production and the consumption of foodstuffs and nutrients in Australia, No. 6, 1950-51. Canberra,1952. 40 p. 389.9 Au76
Statistics.

86678 BAVARIA. STATISTISCHES LANDESAMT. Die nichtlandwirtschaftlichen arbeitsstätten in den bayerischen regierungsbezirken und kreisen, ergebnisse der arbeitsstättenzählung 1950. Bayer. Statis. Landesamt Beitr. z. Statis. Bayerns 168,531 p. Feb.1952. 265 B32S
Gives statistics for population engaged in gardening and in the agricultural processing industries.

86679 BAVARIA. STATISTISCHES LANDESAMT. Statistisches jahrbuch für Bayern, 24th, 1952. 570 p. 265 St23
Includes agricultural statistics.

86680 BELGIUM. INSTITUT NATIONAL DE STATISTIQUE. Annuaire statistique de la Belgique et du Congo Belge, tome 72. Bruxelles,1952? 585 p. 258 B41A
Library has also supplement, Définitions et Notes Explicatives, 48 p.
Includes agricultural statistics.

86681 BELGIUM. INSTITUT NATIONAL DE STATISTIQUE. Estimation de la production agricole (rendement des récoltes) pour l'année culturale 1950. Bruxelles,1952. 6 p. 258 St22E

86682 CANADA. BUR. OF STATISTICS. Annual report for the fiscal year ended March 31, 1952. Ottawa, 1952. 44 p. 253 St2A
Includes report of agricultural statistics.

86683 CUVILLIER, J. Estimation des récoltes sur pied au cours de leur cycle végétatif. Agr. Prat. 116: 358-359. July 1952. 14 J82

86684 FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Yearbook of food and agricultural statistics, 1951, v. 5, pt. 1: Production. Rome, 1952. 298 p. 251 Y3

86685 GROOTEN, R. Quelques graphiques relatifs à l'agriculture belge. Rev. de l'Agr. 5:733-748. July 1952. 13 R322

86686 IRISH industrial year book 1951. Dublin,1951. 276 p. 256.11 In4
Contains a section of agricultural statistics.

86687 MADHYA BHARAT. DEPT. OF ECONOMIC INTELLIGENCE AND STATISTICS. Madhya Bharat in 1950-51; an economic review. Lashkar,1952. 55 p. 280.9 M26
Agricultural statistics included.

86688 MICHIGAN. DEPT. OF AGRICULTURE. Michigan agricultural statistics 1951. Lansing,1952. 37 p. 252.41 Sc2C
U. S. Bur. of Agricultural Economics cooperating.

86689 NETHERLANDS. CENTRAAL BUR. VOOR DE STATISTIEK. Statistiek van de land- en tuinbouw 1951 [Statistics of agriculture and gardening]. Utrecht, 1952. 91 p. 259 St2Ui

86690 NETHERLANDS. CENTRAAL BUR. VOOR DE STATISTIEK. Statistisch zakboek 1951—1952 [Statistical notebook 1951—1952]. Utrecht,1952. 144 p. 259 St2St
Includes agricultural statistics.

86691 NEW ZEALAND. CENSUS AND STATISTICS DEPT. Statistical report on the agricultural and pastoral production of New Zealand for the season 1949-50. Wellington,1952. 72 p. 271.2 R26A

86692 SCHMAH. Vergleichszahlen um die hauptfruchtfutterfläche. I. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1169-1170. July 31,1952. 18 L2346

86693 SOUTH DAKOTA. CROP AND LIVESTOCK REPORTING SERV. South Dakota agriculture, 1951. n.p.,1952. 42 p. 252.79 T192
Statistics.

86694 TIMMONS, J. F. New farm facts from the census. Iowa. State Col. Agr. Ext. Iowa Farm Sci. 7:27-28. Aug.1952. 275.28 Io94

86695 U. S. OFF. OF FOREIGN AGRICULTURAL RELATIONS. Index to maps and charts; supplement No.2 July 1951-June 1952. Washington,1952. 11 p. 1.943 In23A
Foreign agricultural statistics.

BEVERAGES AND CONDIMENTS

86696 ALMEIDA, J. R. DE, and VALSECHI, O. Chestnut fermentation. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:141-147. May/June 1952. 9.2 R324
Analysis and manufacture of brandy from chestnuts.

86697 ANQUEZ, M. Le froid en vinification. Rev. Agr. de l'Afrique du Nord 50:208-211. Apr.4,1952. 80 R326

86698 ARANGO CANO, J. La amenaza de la superproducción cafetera. II. Agr. Trop. 8(6):15-19. June 15, 1952. 26 Ag8

86699 ARIOUX, A. J. Le conditionnement des cafés de la Côte-d'Ivoire. Féd. Natl. du Com. des Cafés Verts. B. Mens. 23:1-2; 25:1-2. Mar.,May 1952. 286.3689 F31

86700 BENESCH, I. Beobachtet die gärung des mostes! Bauer 5(1):11. Jan.5,1952. 19 B32

86701 BENESCH, I. Was ist kellerwirtschaft? Bauer 4(44):11-12. Dec.22,1951. 19 B32

86702 BENNETT, A. L. B. The Chagga coffee industry of Kilimanjaro. Rev. Internatl. Coop. 45:156-158. July 1952. 280.28 In8B

86703 BERAZA JAUREGUI, F. La fermentación y la industria del vinagre. Rev. Indus. y Fabril 7:224-227. Apr.1952. 297.8 R322

86704 BERISTAIN, B. Situación crítica del mercado de vinos. Baja de las exportaciones. Sus causas y sus remedios. Semana Vitivinic. 7(306):2-3. May 10,1952. 95.8 Se5
Spain.

86705 BERMUDEZ ESPINOZA, S. Problemas del café en el Ecuador. Consorcio de Cent. Agr. de Manabi. Rev. 12(69):40-42. Jan./Mar.1952. 9.5 M31

86706 BEVERIDGE, E. A. Hedging. Coffee & Tea Indus. 75(8):13,15,27. Aug.1952. 389.8 Sp4
Coffee futures.

86707 BLAKE, J. W. Meet the nutmeg. Coffee & Tea Indus. 75(8):55-56. Aug.1952. 389.8 Sp4

86708 BONCY, F. Les problèmes du café en Haïti. B. Agr. 2(2/3):1-4. Mar./May 1952. 8 B87

86709 BREJOUX, P. Un résultat probant du controle des appellations d'origine. France. Inst. Natl. des Appellations d'Origine des Vins et Eaux de-Vie. B. 41: 4-6. Apr.1952. 390.9 F843
France.

86710 BREMOND, E., and POTENTIER, J. Vins de cépages hybrides producteurs directs préparés à la cave expérimentale de l'Institut Agricole d'Algérie. Rev. Agr. de l'Afrique du Nord 50:292-298. May 9,1952. 80 R326

86711 BROHULT, S. Quelques problèmes de recherche en brasserie. Chim. & Indus. 68:35-43. Ref. July 1952. 383 C42

86712 BRUINI, C. Wine production in the Province of Modena. (In Italian.) Campagnolo, June 1952(spec.no.): 31-32. 16 C15
The industry.

86713 CANDIANI, G. R. Wine centrals? (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:235-237. June 1952. 16 C72
Added note by G. Dalmasso.

86714 CASTELFRANCO, J. Influence of climatic variations on the alcoholic and acidometric degree of wines in Modena. (In Italian.) Campagnolo, June 1952 (spec.no.):40-42. 16 C15

86715 CASTELLI, T. Considérations sur les relations entre climat et agents de la fermentation vinaire. Rev. des Ferment. et des Indus. Aliment. 7:35-42. Ref. Apr.1952. 390.08 R32

86716 CHAULEUR, P. L'avenir des cafés de l'Union Française doit être étudié sous un angle international. Marchés Colon. du Monde 8:1885-1891. July 12,1952. 286.8 M33

86717 CHEN, M. P., and HO, C. M. An experimental study on lactic acid beverage manufacturing. (In Chinese) Agr. Res. 2(4):53-60. Dec.1951. 22.5 Ag823
English summary.

86718 CLARKE, W. T. Fineness of grinding affects flavor, color and smoothness characteristics of chocolate. Candy Indus. 17(4):11,13. Aug.12,1952. 389.8 C168

86719 CLERCK, J. DE. L'appréciation du malt. Louvain. U. Assoc. des Anciens Etud. en Brasserie. B. 48:45-59. June 1952. 390.9 L93

86720 COCQUERELLE, J. L'Union Française, grand producteur de cacao dans le monde. Marchés Colon. du Monde 8:1927-1928. July 12,1952. 286.8 M33

86721 COLOMER, R. Es posible evitar un desastre a la vinicultura. Ceres [Valladolid] 17(193):13,15. July 1, 1952. 15 C33

86722 COMPTON, R. It's time for action on tea education. Tea & Coffee Trade J. 103(2):16,66-67. Aug.1952. 68.8 J22

86723 CONGRES INTERNATIONAL DES FABRICANTS DE CHOCOLAT ET DE CACAO, LAUSANNE, 1950. Compte rendu officiel. Bruxelles,Office International du Cacao et du Chocolat,1951? 375 p. 68.39 In82

86724 CONGRES INTERNATIONAL DES FABRICANTS DE CHOCOLAT ET DE CACAO, LAUSANNE, 1950. Volume préparatoire. Bruxelles,Office International du Cacao et du Chocolat,1951? 512 p. 68.39 In82

86725 CORRAN, J. W. The chemistry and uses of mustard. Roy. Inst. Chem. J. 76:131-132. June 1952. 382 In7

86726 COSMO, I. Inquiry on wine consumption in Italy. (In Italian.) Agr. delle Venezie 6:246-249. June 1952. 16 Ag826

86727 CRUESS, W. V. Popular priced carbonated wines. Wines & Vines 33(8):13-14. Aug.1952. 95.8 C122

86728 DALMASSO, G. A difficult problem: to get a new drink for Italians from wine. (In Italian.) Colt. e Glor. Vinic. Ital. (n.s.)98:232-233. June 1952. 16 C72

86729 DALMASSO, G. Grapes and wine in Brazil. (In Italian.) Colt. e Glor. Vinic. Ital. (n.s.)98:222-226. June 1952. 16 C72

86730 DEPARDON, and MAUVISSEAU. Au sujet de la concentration des vins. Acad. d'Agr. de France. Compt. Rend. 39:360-361. May 14/21,1952. 14 P215Bc

86731 DOWNEY, S. M. Coffee through the ages. Housecraft 24:240,242. Dec.1951. 321.8 H817

86732 DUBLED, R. La production caféière de l'Union Française et l'orientation de la production dans les T. O. M. Marchés Colon. du Monde 8:1893-1896. July 12,1952. 286.8 M33

86733 DUCELLIER, G. Sur quelques principes modernes de vinification. Élevage et Cult. 4(43):6,18. July 1952. 24 EL2

86734 FAHYS, J. La politique de production et de commercialisation de la Commission du Cacao de Bahia. Marchés Colon. du Monde 8:1931-1932,1937. July 12, 1952. 286.8 M33

86735 FARRELL, K. T. Powdered vinegar seasoning (P. V. S.). Assoc. Food & Container Inst. Activ. Rpt. 4: 26-29. First Q.1952. 389.9 As74A

86736 FLACCOMIO, E. Preparation of medicinal wines. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(66):7-8. Aug.2,1952. 281.8 Ag3

86737 FORSCHUNGSINSTITUT FUR KAKAOWIRTSCHAFT E. V. HAMBURG. Erste ergebnisse. Zucker- u. Süsswaren-Wirt. 5:479-482. June 20,1952. 286.86 Z8

86738 FRIEDMANN, G. Wine manufacturing associations in Modena. (In Italian.) Campagnolo, June 1952(spec.no.):34-36. 16 C15

86739 GALLAY, R., BENVEGNIN, L., and LEYVRAZ, H. Vers un encépagement partiel en rouge de notre vignoble romand. Rev. Romande d'Agr. de Viticult. et d'Arboricult. 8:51-53. (Cont.) July 1952. 17 J82A

86740 GALLOWAY, A. H. Indian tea's problems. (Extr.) Tea Trade & Indus. 1:129-133. Mar.1952. 68.18 T225

86741 GARCIA, M. DE P. Atlas mondial de la vigne et du vin: rapport général. Off. Internatl. du Vin. B. 25 (257):12-15. July 1952. 390.8 B87

86742 HALL, M. M. The West Coast coffee industry. Good Packaging 13(7):168-176,179. July 1952. 280.38 G59

86743 HARLER, C. R. Science serves the tea industry. II. Coffee & Tea Indus. 75(8):45,49,61. Aug. 1952. 389.8 Sp4
Tea manufacture.

86744 HAUPTMANN, K. H. Fermentierungsprobleme bei der weinbereitung. (Abs.) Angew. Chem. 64:358. July 7,1952. 384 Z33

86745 HESS, E., and SCHMIED, O. Der eiweissabbau bei verschiedenen maischverfahren. Verssta. f. das Gärungsgewerbe. Mitt. 6:58-61. May/June 1952. 390.08 V67

86746 HILL, W. H. Pepper—its history and chemical analysis. Chem. Canada 4:145-146. Aug.1952. 381 C4236

86747 HOFER, K. Das abziehen der obstweine, eine unerlässliche kellerarbeit. Obst. u. Gart. 7:37-38. Mar.1952. 80 Ob75

86748 HOFER, K. Nochmals säureabbau im obstwein. Obst u. Gart. 7:54-55. Apr.1952. 80 Ob75

86749 HOFER, K. Die schwefelige säure als konservierungsmittel in der kellerwirtschaft. Obst u. Gart. 7:53-54. Apr.1952. 80 Ob75

86750 HOGL, O. Untersuchungen an süssweinen und mistellen mit papierchromatographischen methoden. (Abs.) Angew. Chem. 64:359. July 7,1952. 384 Z33

86751 HUTTON, J. A. La production et la commercialisation du cacao en Afrique Occidentale Britannique. Marchés Colon. du Monde 8:1929-1930. July 12,1952. 286.8 M33

86752 IVES, N. C. Nuevos sistemas para el secamiento de granos en los trópicos americanos. Café 13:10-11. (Cont.) Apr.1952 68.29 In7

86753 JONNSTON, W. R., and FOOTE, H. E. Desarrollo de un nuevo proceso para curar café. Consorcio de Cent. Agr. de Manabi. Rev. 12(69):20-25. Jan./Mar. 1952. 9.5 M31

86754 KADEN, O. F. Klassifikation von kakaosamen und rohkakao durch lichtelektrische bestimmung ihres anthocyanin-gehaltes. Zucker- u. Süsswaren-Wirt. 5: 479-481. June 20,1952. 286.86 Z8

86755 KADEN, O. F. Über eine neue methode zum feststellen von "stinkern" im rohkakao mittels hochfrequenz. Zucker- u. Süsswaren-Wirt. 5:481-482. June 20,1952. 286.86 Z8

86756 KAPPENBERG, W. Latest developments in soluble coffee. Tea & Coffee Trade J. 103(2):22,24. Aug.1952. 68.8 J22

86757 KIELHÖFER, E. Die verwendung von stärkezucker bei der weinbereitung. (Abs.) Angew. Chem. 64: 358-359. July 7,1952. 384 Z33

86758 KIR'IALOVA, E. N., and SHKLIAR, M. Z. Mixed yeast cultures in fruit and berry wine manufacture. (In Russian.) Vsesoiuzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):116-124. 1951. 448.39 L54

86759 KIR'IALOVA, E. N., and PUMPIANSKAIA, L. V. Utilization of fruit and berry yeasts in wine manufacture. (In Russian.) Vsesoiuzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):125-129. 1951. 448.39 L54

86760 KNAAP, W. P. VAN DER. The cacao conference 1951. (In Dutch.) Bergcultures 21:231,233,235, 237,239,241. (Cont.) June 16,1952. 22.5 B45
Summaries of papers.

86761 KNAAP, W. P. VAN DER. The 1951 cacao conference. 2. (In Dutch.) Bergcultures 21:263,265. July 1,1952. 22.5 B45

86762 KRIMBAS, B. D., and DAVIDES, V. X. Contribution à l'étude de la flore des levures des cépages de cuve helléniques. Off. Internatl. du Vin. B. 25(257):26-31. Ref. July 1952. 390.8 B87

86763 KURSANOV, A. L., and ZAPROMETOV, M. N. Oxidizing conversions of tea catechins. (In Russian.) Biokhimiia 17:230-245. Ref. Mar./Apr.1952. 385 B523

86764 LINDNER, A. F. Dessertweine und ihre charakteristik. (Abs.) Angew. Chem. 64:360. July 7, 1952. 384 Z33

86765 MAHONEY, T. J. The cocoa situation. (Sum.) N. C. A. Bulletin 27(2):8-9. Apr./June 1951. 389.9 N215Bu

86766 MANNING, S. A. Vermouth. Wine & Spirit 21(6):6. June 1952. 390.8 W725

86767 MARCERON. A Sarrebruck une dègustation franco-sarroise de nos grands vins rouges. France. Inst. Natl. des Appellations d'Origine des Vins et Eaux de-Vie. B. 41:63-65. Apr.1952. 390.9 F843

86768 MARESCALCHI, C. Wine in relation to the communes. (In Italian.) Mezzogiorno Agr. 8(16):1-2. Apr.21/27,1952. 16 M57

86769 MARINGE, A. Die verluste im laufe des brauprozesses. (Sum.) Brauwissenschaft 7:113-119. July 1952. 390.8 B733
English summary.

86770 MARTIN, R. Les soins à donner au vin nouveau. Tarn-et-Garonne Agr. 14:167. Nov.1951. 14 T17

86771 MECCA, F. A method for the biochemical determination of fluorides in wines. (In Italian.) Chim. e l'Indus. 34:345-346. June 1952. 385 G43

86772 MEJIA LIEVANO, E. Efecto de las revolturas sobre la temperatura y el pH durante la fermentación del cacao. Comt. Nac. de Café. B. 5:620-640. Ref. Oct./Dec 1951. 68.29 C732

86773 MENSIO, C. Is it possible to verify the use of sugar in wine manufacture? (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:229-230. June 1952. 16 C72

86774 MICHOD, J. Résultats de recherches récentes sur la gravelle. Rev. Romande d'Agr. de Viticult. et d'Arboricult. 8:46-47. June 1952. 17 J82A
Wine defect.

86775 MUELLO, A. C. La yerba mate; producción, preparación y comercialización. Pampa Argentina 25 (294):12-13. June 1952. 9 P19

86776 MURBACH. L'évolution du marché international du cacao après la seconde guerre mondiale et la situation du marché métropolitain. Marchés Colon. du Monde 8:1938-1939. July 12,1952. 286.8 M33

86777 NANTY, R. Les problèmes de la consommation du chocolat et des produits dérivés du cacao en France. Marchés Colon. du Monde 8:1940-1941. July 12,1952. 286.8 M33

86778 NEGRE, E., and CORDONNIER, R. Ferrocyanure de potassium et phytate de calcium. Acad. d'Agr. de France. Compt. Rend. 39:346-350. May 14/21, 1952. 14 P215Bc
Includes discussion.
In wine manufacture.

86779 NEGRE, E. Obtention de vins souples. Prog. Agr. et Vitic. 69:83-86. Aug.10/17,1952. 14 P94

86780 NEIRINCKX, G., and JENNEN, A. Étude de la qualité du cacao; comparaison de différentes méthodes de fermentation et de séchage. Belgium. Min. des Colon. B. Agr. du Congo Belge 43:273-382. June 1952. 24 K83

86781 NEY, M. Gewinnung und pflege der französischen kreszenzweine und deren gesetzlicher schutz. (Abs.) Angew. Chem. 64:359. July 7,1952. 384 Z33

86782 NIGERIA. COCOA MARKETING BOARD. Fourth annual report, season 1950-51. Lagos,1951. 37 p. 280.3689 N56

86783 NUNCIO BRAVO, P. Acidez volátil de los vinos. Vinos, Viñas y Frutas 46:465-466. May 1952. 9 Ag89

86784 OFF. INTERNATIONAL DU VIN. XXXIe session officielle plénière du Comité de l'O. I. V. (Madrid-Lisbonne-Porto, 10-21 septembre 1951) [rapports et exposés]. Off. Internatl. du Vin. B. 25(256):9-47. (Cont.) June 1952. 390.8 B87
General and national reports on cooperation in wine manufacturing research.

86785 OFF. INTERNATIONAL DU VIN. XXXIe session officielle plénière du comité de l'O. I. V. (Madrid-Lisbonne-Porto, 10-21 septembre 1951) [rapports et exposés]. Off. Internatl. du Vin. B. 25(257): 12-24. (Cont.) July 1952. 390.8 B87

86786 OSPINA B., S. No hay amenaza de superproducción cafetera. Agr. Trop. 8(7):41-45. July 1952. 26 Ag8

86787 OWENS, W. H. The story of coffee. Bakers' Natl. Assoc. Rev. 69:1132-1133. July 11,1952. 389.8 N214

86788 PEILLARD, M. Le traitement du café et son matériel. Marchés Colon. du Monde 8:1915-1920. July 12,1952. 286.8 M33

86789 PEREZ, G. R. Industrias del café y productos derivados. Venezuela. Min. de Fomento. Rev. de Fomento 14(75):97-107. Jan./Mar.1952. 280.8 V552
United States.

86790 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Cualídades que se observan en la cata de vinos. Semana Vitivinic.7(304):2-3. Apr.26,1952. 95.8 Se5

86791 PEREZ-SALAS Y LAMO DE ESPINOSA, J. La degustación o cata de vinos. Semana Vitivinic. 7 (303):2-3. Apr.19,1952. 95.8 Se5

86792 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Determinación del grado alcohólico en los vinos. Semana Vitivinic. 7(305):2-3. May 3,1952. 95.8 Se5

86793 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Los trasiegos. Semana Vitivinic. 7(289):2-3. Jan.12, 1952. 95.8 Se5

86794 PETER, J. Les investissements de capitaux et la production caféière de la Côte d'Ivoire. Marchés Colon. du Monde 8:1985-1986,2039-2040. July 19-26, 1952. 286.8 M33

86795 PETRI, W. Aktuelle weinrechtliche fragen. (Abs.) Angew. Chem. 64:360. July 7,1952. 384 Z33

86796 PEYNAUD, E. Travaux d'actualité de la Station Oenologique de Bordeaux. Rev. des Ferment. et des Indus. Aliment. 7:71-78. Ref. June 1952. 390.08 R32

86797 PIEL, R. Le café en Côte d'Ivoire. Marchés Colon. du Monde 8:1897-1898. July 12,1952. 286.8 M33

86798 PIELLARD, M. La défense de la qualité des cafés des T. O. M. Marchés Colon. du Monde 8:1899, 1902. July 12,1952. 286.8 M33

86799 PLATONE, E. Anomalías en la humedad de las almendras del cacao durante el beneficio. Comt. Nac. de Café. B. 5:640-644. Oct./Dec. 1951. 68.29 C732

86800 PORTER, A. L. Back to quality. Coffee & Tea Indus. 75(8):39. Aug.1952. 389.8 Sp4
Tea.

86801 PRILLINGER, F. Bisherige ergebnisse der drucktankvergärung. Höhere Bundeslehr- u. Versanst. f. Wein- u. Obstbau. Mitt. 2:98-104. May 1952. 105.9 K696
English summary.
Grape musts.

86802 LA PRODUCTION et le commerce du café et du cacao dans l'Union Française. Marchés Colon. du Monde 8:1883-1943. July 12,1952. 286.8 M33

86803 QUIGNON-FLEURET, E. Les soucis du producteur: qualité-prix. Féd. Natl. du Com. des Cafés Verts. B. Mens. 24:1-2. Apr.1952. 286.3689 F31

86804 RUPPERT, A. Tätigkeitsbericht der Versuchsanstalt für Bierbrauerei der Bayer. Landesgewerbeanstalt Nürnberg (1. april 1951 mit 31. märz 1952). Brauwelt 27:600-601. July 3,1952. 390.8 B732

86805 SAIGO, S. Japan's tea output—1951. Tea Trade & Indus. 1:137-138. Mar.1952. 68.18 T225
Statistics.

86806 SALVADOR, A. N. Wine manufacture: mixing of wines. (In Portuguese.) Vida Agr. [Lisboa] 15(89): 10. May/June 1952. 15.5 V66

86807 SARDOU, P. Conseils pratiques pour la vinification. Réveil Agr. 61:225-226. Aug.1,1952. 14 R322

86808 SARDOU, P. Conseils pratiques pour la vinification des hybrides. Viticult. Nouvelle 5(52):8-12. Aug.1952. 390.8 V832

86809 SOLÉ CARALT, J. El más moderno sistema actual de elaboración de vino. Inst. Agr. Catalán de San Isidro. Rev. 101:104-106. May 1952. 15 Sa5

86810 SOUSA, R. DE. A short history of coffee. II. (In Portuguese.) Activ. Econ. de Angola 30:5-48. Ref. Jan.1952. 280.8 Ac82
English summary, p. 161.

86811 SPECHT, W. Zur kenntnis der ultraschallbehandlung von spirituosen. (Abs.) Angew. Chem. 64:359. July 7,1952. 384 Z33

86812 TELLIEZ, J. Le problème de l'orientation de la production viticole. Tarn-et-Garonne Agr. 15:102-103. June 1952. 14 T17
Wine.

86813 TELLIEZ, J. A propos de l'appellation d'origine du "chasselas doré de moissac." Tarn-et-Garonne Agr. 15:125. July/Aug.1952. 14 T17

86814 TORRES FILHO, A. Cacao in the national economy. (In Portuguese.) Lavoura 56:3-6. Mar./Apr. 1952. 9.2 L39
Brazil.

86815 TRINIDAD & TOBAGO. DEPT. OF AGRICULTURE. Processing of cacao for the market. Agr. Soc. Trinidad & Tobago. J. 52:108-124. Mar.1952. 8 T73

86816 TRITTON, S. M. The function of yeast in flavour development in white wine. I. Bottler & Packer 26(8):70-72. Aug.1952. 390.8 B65

86817 TURCHINO, R. Establishment for the cooperative processing of vinasse in Modena. (In Italian.) Campagnolo, June 1952(spec.no.):37-39. 16 C15

86818 UHLEN, R. Réflexions sur l'appellation des vins d'Alsace. Bas-Rhin Agr. 7:305-306. (Cont.) June 28,1952. 14 B29

86819 ULBRICH, M., and SALLER, W. Uber gärkräftige weinhefestämme. Höhere Bundeslehr- u. Versanst. f. Wein- u. Obstbau. Mitt. 2:104-107. May 1952. 105.9 K696
English summary.

86820 VALENCIA M., M. Las calidades del café y el buen beneficio. Soc. Antioqueña de Agr. B. Agr. 386: 3495-3496. June 1952. 9.4 So1

86821 VALLES NADAL, L. Moderno sistema de fermentación controlada. Cult. Mod. 35:203-205. June 1952. 15 C89
Wine manufacture.

86822 VANOYE, F. Les exigences de la consommation métropolitaine et les efforts faits par la torréfaction pour répondre au goût des consommateurs. Marchés Colon. du Monde 8:1913-1914. July 12,1952. 286.8 M33
Coffee.

86823 WERNER, R. Organisch-synthetische schädlingsbekämpfungsmittel im weinbau und ihre bedeutung für den lebensmittelchemiker. (Abs.) Angew. Chem. 64: 360. July 7,1952. 384 Z33

86824 WHYMPER, R. A criticism of some writers in the field of tempering and chocolate fat-bloom. Mfg. Confectioner 32(7):17-18,20. July 1952. 389.8 M31

86825 WIRZ, P. Der zimt und seine technische verarbeitung. Leben u. Umwelt 8:158-162. Apr.1952. 410 L49

86826 ZACCONE, S. Let us improve the wine. (In Italian.) Cam. di Com. Indus. e Agr. di Novara. Not. Econ. 8(5):13-15. May 1952. 287 N85N
Factors involved in quality.

DAIRY PRODUCTS

86827 ALBERIZZI, D. E. Milk-base beverages. (In Italian.) Humus 8(4):3-4. May 1952. 16 H88
Italy.

86828 ALBERTS, R. What's ahead for butterfat and solids-not-fat? Butter, Cheese & Milk Prod. J. 43 (8):29,60-61. Aug.1952. 286.85 B98Bu

86829 ALBERTS, R. What's ahead for butterfat and solids-not-fat? Ice Cream Rev. 36:66-68. Aug.1952. 389.8 Ic22

86830 ALBERTS, R. What's ahead for butterfat and solids-not-fat? Milk Dealer 41(11):82,84-85. Aug.1952. 44.8 M595

86831 BOYSEN, H. H. Der heutige stand der schleswig-holsteinischen milchwirtschaft. Deut. Molk.-Ztg. 72: 633-636. May 25,1951. 44.8 Su2

86832 BRAUNSCHWEIG. Butterprobleme. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1170-1171. July 31, 1952. 18 L2346

86833 BUTLER, R. Greek dairy farming. Milk Indus. 33:74-79. July 1952. 44.8 M593

86834 CANGIULLI, A. Pecorino Romano. (In Italian.) Latte 26:321-322. July 1952. 44.8 L35
Cheese.

86835 CARNEIRO FILHO, J. J. Dairy industry in Switzerland. (In Portuguese.) B. do Leite (ser.4)5(58): 1,3,5,7,9. Apr.1952. 44.8 B633

86836 CHAPMAN, P. W. Dairy advantages in the South. Prog. Farmer, Ky.-Tenn.-W.Va. Ed. 67(6):44,67-68. June 1952. 6 P945K

86837 CONNECTICUT DAIRYMEN'S ASSOCIATION. Report of the proceedings of the seventy-first annual convention, held at Hotel Garde, Hartford, Connecticut, January 16, 1952. Meriden,1952. 87 p. 44.9 C769

86838 COSTA, R. DA J. Curds: leben—yoghurt. (In Portuguese.) B. do Leite (ser.4)5(58):16. Apr.1952. 44.8 B633

86839 CROWTHER, H. A. H. Milk and milk products in Canada. Dairyman 69:455-459. Aug.1952. 44.8 D1426

86840 DANNEMANN, R. Butterklemme statt butterschwemme. Landwirtbl. Weser-Ems 99:727-728. July 24,1952. 18 L2345

86841 DAVIES, J. C. Milk control services in civil defense. Milk Plant Mon. 41(8):65,82. Aug.1952. 44.8 C864
In case of atomic disaster.

86842 DAVIS, J. G. Yogurt. 2. Food [London] 21: 284-288. Ref. Aug.1952. 389.8 F738

86843 DITTMANN, G. "Kosama"—ein vollwertiger ersatz für buttermilch. Deut. Molk.-Ztg. 73(27):inside front cover. July 4,1952. 44.8 Su2

86844 DOPSON, L. Historical glimpses of the Welsh dairy industry. Dairy Indus. 17:624-626. July 1952. 44.8 D1427

86845 DÖRGE, F. Ausbildungsfragen. Deut. Molk.-Ztg. 72:690-692. May 25,1951. 44.8 Su2

86846 EGGER, J. Die entwicklung der milchwirtschaft im steirischen Ennstal. Österr. Milchwirt. 7:141-143. June 7,1952. 44.8 Os72

86847 FRAHM, J. Grundlagen der selbstverwaltung in der milchwirtschaft; 2 1/2 jahre Arbeitsgemeinschaft der Milchwirtschaft in Schleswig-Holstein. Deut. Molk.-Ztg. 72:688-689. May 25,1951. 44.8 Su2

86848 FRAHM, J. Die heutigen aufgaben des betriebsleiters. Deut. Molk.-Ztg. 73(25):inside front cover. June 20,1952. 44.8 Su2

86849 FRASER, A. Are these the keys to hill prosperity? Farmers Wk. [London] 37(3):48-49. July 18, 1952. 10 F2226
Dairy farming, Great Britain.

86850 FRENSEL, O. Milk and dairy products at the Agricultural Round Table in São Paulo. (In Portuguese.) Lavoura 56:21-22. Mar./Apr.1952. 9.2 L39

86851 HARRINGTON, A. H., and CALHOUN, W. The dairy balance of the Pacific slope. Wash. Agr. Expt. Sta. C. 191,17 p. May 1952. 100 W27S
Production and consumption of dairy products.

86852 HOLDAWAY, C. W. I have seen dairying grow in Virginia. South. Dairy Prod. J. 52(2):110-113,116. Aug.1952. 44.8 So83
History.

86853 INDIANA STATE DAIRY ASSOCIATION. Sixty-second annual report. n.p.,1952. 63 p. 44.9 In22

86854 JENNISSEN, L. Milchwirtschaftliche tagung des landes Rheinland-Pfalz. Molk.- u. Käserei-Ztg. 3: 831. July 3,1952. 44.8 M736

86855 JOHNSON, E. G. Progress in '51. Land O'Lakes News 32(3):22-26. Mar.1952. 44.8 L22
Dairy industry.

86856 KATKOFF, V. The Soviet dairy industry. J. Farm Econ. 34:378-386. Aug.1952. 280.8 J822

86857 KELLEY, P. L., GERBER, G. W., and FOSTER, D. H. Production trends and market prices of the Kansas dairy industry. (Abs.) Kans. Agr. Expt. Sta. Agr. Econ. Rpt. 46,17 p. Apr.1952. 281.9 K132

86858 KIDSON, A. L. Dairying in New Zealand. Country Guide 71(8):10,36. Aug.1952. 7 G76

86859 KIHL, W. Die privatmolkereien im rahmen der deutschen landwirtschaft. Deut. Molk.-Ztg. 72:686-688. May 25,1951. 44.8 Su2

86860 KILLENGREEN, J. Education of female dairy technicians. (In Norwegian.) Meieriposten 41:468-472. June 28,1952. 44.8 M47
Norway.

86861 KNEUTTINGER, E. Die käserei in Schleswig-Holstein. Deut. Molk.-Ztg. 72:645-646. May 25, 1951. 44.8 Su2

86862 KOCH. Mehr milch! Salzburger Bauer 7(26): 1-2. June 26,1952. 19 Sa3

86863 KOLB. Die milchwirtschaft im neuen lande Baden-Württemberg. Deut. Molk.-Ztg. 73:970-971. (Cont.) Aug.1,1952. 44.8 Su2

86864 LEROY, A. Production et transformation laitières en Espagne. Indus. Lait. (n.s.)69:121-126. June 1952. 44.8 In2

86865 LÜBKE. Über die stellung der milchwirtschaft in der volkswirtschaft. Molk.- u. Käserei-Ztg. 3:800-801. June 26,1952. 44.8 M736
Germany.

86866 MAHLE, G. C. Story of an innkeeper; a reply to the critics who keep telling us what's "wrong" with the butter business. Hoard's Dairyman 97:653. Aug.10, 1952. 44.8 H65

86867 MARTIN, S. F. Milchwirtschaftliche berufsausbildung in England. Molk.- u. Käserei-Ztg. 3:824-825. July 3,1952. 44.8 M736

86868 MATTSON, C. H. Quality and efficiency; creamery operators hear tips on plant operating methods. Land O'Lakes News 32(3):15,18-21. Mar.1952. 44.8 L22

86869 MAYER-DIETFURT, H. In fünf tagen durch Osterreich, Italien und die Schweiz. Deut. Molk.-Ztg. 73:786-788. June 20,1952. 44.8 Su2
Dairy industry.

86870 MERISH, F. Improve your business efficiency through better accounting methods; hidden losses in business operation. Milk Plant Mon. 41(8):36-38, Aug.1952. 44.8 C864

86871 MEYER, T. Ein blick über die grenzen; möglichkeiten für deutsche milchwirtschaftler in Australien. Deut. Molk.-Ztg. 73:910-911. July 18,1952. 44.8 Su2

86872 MITCHELL, C. L. Dairy reminiscences—a sour-dough's memories. Dairy Foods Rev. 56(8):40. Aug.1952. 286.85 P11

86873 MITCHELL, C. L. Dairy reminiscences—California creamery operators organized. Dairy Foods Rev. 56(4):46. Apr.1952. 286.85 P11

86874 MORSE, T. D. The economic outlook and the future of dairying. Conn. Dairymen's Assoc. Rpt. Proc. 71:44-67. 1952. 44.9 C769
Includes discussion.

86875 NATIONAL DAIRY CONFERENCE. 58th National Dairy Conference and proceedings of meetings held at Wellington on June 18 and 19, 1952. Wellington, 1952. 76 p. 44.9 N2172
Includes twenty-second annual meeting of the National Dairy Association of New Zealand Limited, sixteenth annual meeting of the National Dairy Federation, fifteenth annual meeting of the Dairy Industry Insurance Agency Limited, and thirty-sixth annual meeting of the New Zealand Co-op Rennet Co. Ltd.

86876 NATIONAL DAIRY FEDERATION. Sixteenth annual report for the year ended 30th April, 1952; incorporating the fifty-eighth annual report of the national dairy conference. Wellington,1952. 12 p. 44.9 N2173

86877 NERTINGER, J. Anlagen-abschreibungen als finanzierungsrückgrat der milchwirtschaft. Deut. Molk.-Ztg. 72:672-674. May 25,1951. 44.8 Su2
Germany.

86878 NERTINGER, J. Degressive abschreibungen von entscheidender bedeutung für die milchwirtschaft. Deut. Molk.-Ztg. 73:873-874. July 11,1952. 44.8 Su2

86879 NORD, J., and COOK, H. L. Better patron records for Wisconsin dairy plants. Wis. Agr. Expt. Sta. B. 495,24 p. Jan.1952. 100 W75

86880 OREGON. AGRICULTURAL EXPERIMENT STATION. Dairy; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 11,30 p. Aug.1952. 100 Or30

86881 PANKOFER, J. Wenn man mit der speiseeissteuer spielt. Deut. Milchhandels-Ztg. 74:350-351. June 5,1952. 44.8 D48

86882 PAWLOWSKI, A. The prospects of goat dairying in the United States. Capriculturist 10(2):3-4;(3): 18-19. (Concl.) Feb.-Mar.1952. 40.18 C17

86883 PEHLGRIMM, W. Die "milch" in literatur und sprachgeschichte. Molk.- u. Käserei-Ztg. 3:739. June 12,19521. 44.8 M736

86884 PIRNER, H. Deutsche milchwirtschaftler in der Schweiz. Deut. Molk.-Ztg. 73:746-747. June 13, 1952. 44.8 Su2
Dairy industry.

86885 POECK, H. Ein offenes wort an den berufsnachwuchs! Molk.- u. Käserei-Ztg. 3:941-943. July 31, 1952. 44.8 M736
Germany.

86886 PRITCHARD, N. T. Trends of the dairy industry. Ind. State Dairy Assoc. Annu. Rpt. 62:9-12. 1952. 44.9 In22

86887 RIBEIRO, J. A. Milk production in Uberaba. (In Portuguese.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:173-174. June 1952. 44.8 B634
The dairy industry.

86888 RIBEIRO, J. A. Participation of industry in milk production. (In Portuguese.) B. do Leite (ser.4)5 (54):3,5. Dec. 1951. 44.8 B633
Brazil.

86889 RICHARDS, P. The dairy situation in 1952. Skagit Co-op Dairyman 29(10):20-22. (Cont.) June 1952. 280.28 Sk1

86890 SCHOLBY, C. R. Roads that lead to brighter horizons. South. Dairy Prod. J. 51(6):52-54. June 1952. 44.8 So83

86891 SKALTVEIT, T. Education of female dairy technicians. (In Norwegian.) Meieriposten 41:399-499. May 31,1952. 44.8 M47
Norway.

86892 STRAETEN, G. Die milchwirtschaft in Nordrhein-Westfalen 1946 bis 1951. Deut. Molk.-Ztg. 73: 782-784. June 20,1952. 44.8 Su2

86893 TRACY, P. H. Dairy industry trends in the United States. Canad. Dairy & Ice Cream J. 31(7):33-35, 44. July 1952. 44.8 C162

86894 TURK, K. L. Report on a western trip. Dairymen's League News 36(16):6-7. Aug.5,1952. 44.8 D1432
Observations on the dairy industry.

86895 ULRICH, W. Milch und milk! Deut. Milchhandels-Ztg. 74:445-446. July 24,1952. 44.8 D48
The industry in America.

86896 VAINTZETTEL, H. Milchwirtschaftliche notierungen der erzeugergebiete Schleswig-Holstein und Hannover. Deut. Molk.-Ztg. 72:692-693. May 25, 1951. 44.8 Su2

86897 VALIK, D. Die schwedische milchwirtschaft, wie ich sie sah. I-II. Osterr. Milchwirt. 7:127-129,201-203. May 21,July 21,1952. 44.8 Os72

86898 WILLIAMS, S. W. Supplies and use of milk in Alabama. Ala. Agr. Expt. Sta. B. 282,86 p. June 1952. 100 AL1S

86899 WILSON, L. F. Who always runs down whom? Capriculturist 10(2):5,7. Feb.1952. 40.18 C17
Facts about goats' milk.

86900 ZWAHLEN, F. C. Oregon Dairy Manufacturers change association's name; hereafter to be known as Oregon Dairy Industries—cooperate to hold markets. Dairy Foods Rev. 56(4):14,31. Apr.1952. 286.85 P11

Analysis and Composition

86901 BARNETT, C. Knowledge, proper use of dairy products vital in manufacture of quality candy. Candy Indus. 17(3):6,14,16. July 29,1952. 389.8 C168
Composition and properties.

86902 BAUR, K. Beitrag zur vereinfachung der fettbestimmung nach Schmid-Bondzynski. Molk.- u. Käserei-Ztg. 3:886-887. July 17,1952. 44.8 M736

86903 BIANCO, L. J. A proposed method and apparatus for the determination of extraneous matter in roller-dried milk powder for use in cheese food products. J. Dairy Sci. 35:550-553. June 1952. 44.8 J822

86904 BRIQUET JUNIOR, R. Goat's milk—advantages and directions. (In Portuguese.) Seleç. Agr. 7 (73):21-22. May 1952. 9.2 Se4
Composition.

86905 CARBONE, E. Considerations on the composition of milk. (In Italian.) B. dell'Agr. 86(26):1-2. July 4,1952. 16 B87

86906 CONE, J. F. Looking back to basic bacteriology. N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25:23-24, 26-27,29-30. 1951,pub.May 1952. 44.9 N4833

86907 DAME, R. B. Marvels of goat milk. Capriculturist 10(2):14-16. Feb.1952. 40.18 C17
Composition and nutritive value.

86908 DUCOURET, P. Analyse des crèmes. Indus. Lait. (n.s.)69:133-137. June 1952. 44.8 In2

86909 DUMAZERT, C., and BOZZI-TICHADOU, M. Sur le dosage de la caséine dans le lait de vache. Soc. de Biol. Compt. Rend. 146:468-469. Mar.1952. 442.9 P21

86910 EFFERN, J. Über die verwendung von Gerberbutyrometern bei dem Hoyberg-verfahren. Milchwissenschaft 7:231-232. July 1952. 44.8 M5933
English summary.

86911 HADLAND, G., and SOLBERG, P. Serological detection of cow's milk added to milk from goat. (In Norwegian.) Nord. Jordbrforsk. 34:36-48. Ref, 1952. 11 N752
English summary.

86912 HARE, J. H., SCHWARTZ, D. P., and WEESE, S. J. The amino acid composition of the fat-globule membrane protein of milk. J. Dairy Sci. 35:615-619. Ref. July 1952. 44.8 J822

86913 HAYN, W. Untersuchungen am elektrobad für butyrometer. Deut. Molk.-Ztg. 73:906-907. July 18, 1952. 44.8 Su2

86914 HOSTETTLER, H., and IMHOF, K. Elektronenoptische untersuchungen über die submikroskopische struktur von milch und milcherzeugnissen. Landwirt. Jahrb. der Schweiz 66:307-380. Ref. 1952. 17 L23
English summary.

86915 JAMOTTE, P. La répartition de l'eau dans les beurres. Belg. Lait. 6(25):7-10. May 1952. 44.8 B412

86916 KOVACEVIC, M. Comparative investigations of two methods for determination of fat content in milk without sulfuric acid. (In Serbo-Croatian.) Stočarstvo 6: 135-141. Ref. Mar.1952. 43.8 St6
English summary.

86917 LEON, A. Sobre la riqueza grasa de las leches de Lima. Vida Agr. [Lima] 29:283,285-286. Apr. 1952. 9.8 V66

86918 LOPES, C. F., and SILVA FILHO, F. S. DA. Comparison of bacterial plate counts of pasteurized milk, on peptone-beef extract-agar at 37° C. and on tryptone-glucose-extract-agar at 35° C. (In Portuguese.) B. de Indús. Anim. (n.s.)12:155-167. Ref. Dec.1951,pub.1952. 49 R324
English summary.

86919 MORELL, D. B. The nature and catalytic activities of milk xanthine oxidase. Biochem. J. 51:657-666. Aug.1952. 382 B52

86920 NEWLANDER, J. A. So your tests don't agree! Hoard's Dairyman 97:681. Aug.25,1952. 44.8 H65

86921 PFEIFFER, H. Untersuchung von landbutterproben. Deut. Molk.-Ztg. 73:838-839. July 4,1952. 44.8 Su2

86922 PIANA, C. The behavior of vitamin C in cow's milk, whole and centrifuged, under the usual conditions of collection and storage. (In Italian.) Riv. de Zootec. 25: 114-115. Apr.1952. 49 R52

86923 POSTHUMUS, G. The occurrence of positive phosphatase reaction in pasteurized cream and butter. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:450-460. July 16,1952. 44.9 AL3

86924 ROBERTSON, A. H. Milk-free media for use with the standard plate count. N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25:33-36. 1951,pub.May 1952. 44.9 N4833
Determination of bacterial content of milk and cream.

86925 ROEDER, G. Fehlermöglichkeiten und fehlergrenzen der reduktaseprobe. Molk.-Ztg. 6:783-784,807-808. July 24-31,1952. 44.8 M735

86926 SCHOKKER, A. Fat content of milk to be used in the manufacture of powdered milk. (In Dutch.) Nederland. Zuivelband. Off. Orgaan 44:415. June 25,1952. 44.9 AL3

86927 SCHULZ, M. E., ROLAND, F., and VOSS, E. Nachweis reduzierender substanzen in bakteriell zersetzter und in hitzeveränderter milch mit hilfe der 90° reduktaseprobe. Milchwissenschaft 7:214-219. July 1952. 44.8 M5933
English summary.

86928 SCHULZ, M. E., and MROWETZ, G. Schnellwasserbestimmung mit dem plan-wägegläschen nach Dr. Heidbrink. Milchwissenschaft 7:226-230. July 1952. 44.8 M5933
English summary.
In processed cheese and condensed milk.

86929 SCHWARZKOPF, V. Butter fat samples as affected by weigh can design. N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25:41-42,44-46,48-50,52-58. 1951, pub.May 1952. 44.9 N4833

86930 SILVA, J. A. P. Considerations on the cryoscopic index of milk in Rio. (In Portuguese.) (Sum.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:134-136. May 1952. 44.8 B634

86931 SOMMER, H. H. The fat emulsion in milk from a chemical standpoint. Cherry-Burrell Circle 37(7/8):7-9,11-12. (Concl.) Ref. July/Aug.1952. 44.8 C42

86932 STIRLING, A. C. Sampling in relation to milk production. Edinb. & East Scot. Col. Agr. B. 32:31-35. Jan.1952. 103 Ed4E

86933 STOLDT, W. Gewichtsanalytische fettbestimmung in milch, milcherzeugnissen, butter, käse und speiseeis. Milchwissenschaft 7:232-234. July 1952. 44.8 M5933
English summary.

86934 WATROUS, G. H., JR., DOAN, F. J., and JOSEPHSON, D. V. Some bacteriological studies on refrigerated milk and cream. Pa. Agr. Expt. Sta. B. 551, 16 p. Ref. Apr.1952. 100 P381

86935 WILKOWSKE, H. H. Cream plug problems. South. Dairy Prod. J. 52(2):50-52,57-58,60. Aug.1952. 44.8 So83

86936 WILSSENS, A. Investigations about coliforms in pasteurized milk. (In Flemish.) Gent. Landbhogesch. Meded. 16:312-318. Sept.1951. 105.1 G344
English summary.

Consumption and Utilization

86937 HILDRETH, C. E. Low-fat high-solids milk. South. Dairy Prod. J. 52(2):38-41. Aug.1952. 44.8 So83
Consumer preferences.

86938 REMAI EY, R. J. Consumer package sales of nonfat dry milk solids in a fluid milk area. South. Dairy Prod. J. 51(6):105-106,108. June 1952. 44.8 So83

86939 SPAGNÓLI, A. Consumption of milk in Italy. (In Italian.) Mondo Agr. 3(26):5. June 29,1952. 16 M74

86940 WIECHERS, S. G. The cow and the hen—milk and egg. (In Dutch.) Nederlands Melk- en Zuiveltijdschr. 6:127-136. Apr./June 1952. 44.8 N283
English summary.
Use of a whey protein preparation as a substitute for egg albumen in bakery products.

Distribution, Marketing, and Transportation

86941 ALBERIZZI, D. E. Increasing milk consumption. (In Italian.) B. dell'Agr. 86(24):1-2. June 13,1952. 16 B87
Italy.

86942 BAER, W. Ein beitrag zum thema "milchwerbung": gelüste entfachen! Molk.- u. Käserei-Ztg. 3:879-880. July 17,1952. 44.8 M736

86943 BEAU, M. Le commerce du lait a l'étranger. Indus. Lait. (n.s.)70:139-152. July 1952. 44.8 In2

86944 BESUCHET, G. L'evolution de la coopérative laitière de production en Suisse. Inst. Prov. de Coop. Agr. B. 10:16-31. May 1952. 280.29 L62

86945 BLACKSTOCK, G. H. Public relations and control boards. Canad. Dairy & Ice Cream J. 31(7):65-66,68,79. July 1952. 44.8 C162

86946 BLEICKEN, O. H. Die Butter- und Eier-Zentrale Nordmark. Deut. Molk.-Ztg. 72:694. May 25, 1951. 44.8 Su2
Marketing.

86947 BLEICKEN, O. H. Genossenschaftliche absatzsicherung und milchverwertung. Molk.- u. Käserei-Ztg. 3:770. June 19,1952. 44.8 M736
Germany.

86948 BRANDT, J. Still pioneering; annual message traces 31-year history of LOL leadership; cites future. Land O'Lakes News 32(3):3-11. Mar.1952. 44.8 L22

86949 BUNDE, R. H. Incentive for automatic milk vending machines. Milk Dealer 41(10):42-43,67,70-72, 74. July 1952. 44.8 M595

86950 CASTLE, B. F. The sword-arm of the dairy industry—advertising. Dairy Foods Rev. 56(8):24. Aug. 1952. 286.85 P11

86951 CONDER, S. A public relations program for Ontario milk distributors. Canad. Dairy & Ice Cream J. 31(7):51,58. July 1952. 44.8 C162

86952 DEGRAFF, H. Utilizing nutrition research in sales promotion. (Excerpts.) South. Dairy Prod. J. 52(2):120,124-126. Aug.1952. 44.8 So83
Milk nutritive value.

86953 ECKER, F. How to promote the sale of goat milk. Capriculturist 10(2):19. Feb.1952. 40.18 C17

86954 FISHER, A. C. Farm to plant tank trucking of milk. N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25: 121-124,126-127. 1951,pub.May 1952. 44.9 N4833

86955 HALES, K. C. The marine transport of butter, eggs and cheese. Chem. & Indus. 31:747-749. Aug.2,1952. 382 M31C

86956 HANSON, D. Less work, more profits with milk tanks. Successful Farming 50(8):46-47,76,78,80-81. Aug.1952. 6 Su12

86957 HENSLER, K. Genossenschaften im milch- und fettmarkt; absatzprobleme der molkereiwirtschaft als besonderes aufgabengebiet für genossenschaftliche zusammenschlüsse. Molk.-Ztg. 6:649-650. June 19, 1952. 44.8 M735
Germany.
Also in Molk.- u. Käserei-Ztg. 3:768-769. June 19, 1952. 44.8 M736

86958 HERZ, H. Dauerwerbung und dauerangebot führen zum absatzerfolg; erfahrungen mit vitaminierter und homogenisierter milch in Schweden. Deut. Molk.-Ztg. 73(29):inside front cover. July 18,1952. 44.8 Su2

86959 HOMAN, E. L. Merchandising dairy products. South. Dairy Prod. J. 51(6):120-122,126-127. June 1952. 44.8 So83

86960 LÜTHGE, E. Wirken und wünsche der hausfrau in der milchwerbung. Deut. Molk.-Ztg. 72:684-685. May 25,1951. 44.8 Su2

86961 ORTIZ, L. B. Cooperativas de producción y consumo de leche. Soc. Antioqueña de Agr. B. Agr. 384: 3369-3382. Apr.1952. 9.4 So1
Colombia.

86962 POLIKOFF, H. The dating of milk—a burden or benefit to the public interest? Milk Dealer 41(10): 126-134. Ref. July 1952. 44.8 M595

86963 PREINING, K. Milch- oder rahmablieferung in Oberösterreich? Österr. Milchwirt. 7:183-185. July 7,1952. 44.8 Os72

86964 RIBEIRO, J. A. Supplying of milk in Manáus. (In Portuguese.) B. do Leite (ser.4)5(57):15-16. Mar. 1952. 44.8 B633

86965 RICHARDS, O. Selling neglected for emphasis on public relations? Dairy Foods Rev. 56(3): 14,32. Mar.1952. 286.85 P11

86966 ROHR, H. J. VON. Ab-hof-verkauf, das recht des bauern. Deut. Landwirt. Presse 75:181. July 5,1952. 18 D482
Milk.

86967 RUEHE, H. A. Basic competition in butter industry. Butter Ideas 5(2),8 p. July 1952. 44.8 B984

86968 SCHÄFER, J. W. Privater handel und absatzgenossenschaften. Deut. Molk.-Ztg. 72:693-694. May 25,1951. 44.8 Su2
Germany.

86969 SCHMID, H. Organisation, kosten und methoden der milchwerbung in den USA. Molk.- u. Käserei-Ztg. 3:907-909. July 24,1952. 44.8 M736

86970 STOYE, C. Veränderte marktsituation bei milch und butter. Verbraucher 6:379-380. Aug.2,1952. 280.28 K833
Germany.

86971 SWANTZ, A. Economic effects of Federal regulation of the Minneapolis-St. Paul fluid milk market. U. S. D. A. Mktg. Res. Rpt. 11,218 p. Ref. May 1952. 1 Ag84Mr

86972 VERMEULEN, W. Gedanken zur milchwerbung in Schleswig-Holstein. Deut. Molk.-Ztg. 72:640-641. May 25,1951. 44.8 Su2

86973 WILLMANN, O. Durch "qualitätsmilch" zu stärkerem trinkmilchverbrauch! Bauern-Ztg. 5(30):5. July 25,1952. 18 B324
Germany.

86974 YBEMA. Cooperation in dairy cooperatives. (In Dutch.) Overijsselsch Landbbl. 34(1665):11-12. July 24,1952. 12 Ov2

86975 YOHALEM, A. E. Milk vending goes educational. Amer. Milk Rev. 14(8):58-61. Aug.1952. 44.8 Am38

Grading, Inspection, Standardization, and Quality

86976 ABBOTT, C. W. What does a gallon of milk weigh? Farming So. Africa 27:273-274,288. May 1952. 24 So842

86977 ABELE, C. A. Progress of 3-A sanitary standards, and the value of cooperative committees of affiliate associations. N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25:139-143,145-147. 1951,pub.May 1952. 44.9 N4833
For dairy products.

86978 BABCOCK, C. J. Standards for grades of milk and cream; used for manufacturing purposes. Cherry-Burrell Circle 37(7/8):24-25,27. July/Aug.1952. 44.8 C42

86979 BATT, W. G. Feed taints in cream. I. New Zeal. J. Agr. 84:467,469,471,473-474. June 16,1952. 23 N48J

86980 BREHM, R. Die gesetzlich anerkannten erhitzungsverfahren, ihre durchführung in der praxis und die bisher zugelassenen erhitzer. Deut. Molk.-Ztg. 73: 809-811. (Cont.) June 27,1952. 44.8 Su2

86981 BREHM, R. Die gesetzlich anerkannten erhitzungsverfahren, ihre durchführung in der praxis und die bisher zugelassenen erhitzer. Deut. Molk.-Ztg. 73: 910-912. (Concl.) July 18,1952. 44.8 Su2

86982 BRENK, C. VAN. The destruction of quality of milk during handling. (In Dutch.) Melk- en Zuivelhandel 5(14):3-4. July 2,1952. 44.8 M48

86983 BROWN, R. W. Further notes on butter colour standards. Canad. Dairy & Ice Cream J. 31(7):46. July 1952. 44.8 C162

86984 DAVIS, J. G. Bacteriological standards for milk and milk products. II. Dairyman 69:407,409,411, 413,419. July 1952. 44.8 D1426
Great Britain.

86985 EDWARDS, R. T. The quality of milk. Dairyman 69:473,475,477. Aug.1952. 44.8 D1426
Great Britain.

86986 FEIN, H. Die markenbutter in der Nordmark. Deut. Molk.-Ztg. 72:642-644. May 25,1951. 44.8 Su2

86987 GABEL, W. Speiseeis-stiefkind der deutschen milchwirtschaft. Deut. Molk.-Ztg. 73:745-746. June 13, 1952. 44.8 Su2
Regulation and quality.

86988 GHOLSON, J. H. Oxidized flavor in milk and milk products. Dairy World 31(5):14-15,22-23. May 1952. 44.8 D1423

86989 GIERMAK, E. A. Extraneous matter in butter—a pressing problem. Amer. Dairy Prod. Rev. 14(7):24-25. July 1952. 44.8 Am37

86990 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Taints in milk. Gt. Brit. Min. Agr. & Fisheries. Adv. L. 322,6 p. Apr.1952. 10 G79La

86991 HEDRICK, T. I. Quality in non-fat dry milk solids. Baking Indus. 98(1227):39-41,64-65. Aug.2, 1952. 389.8 B17

86992 HENNINGSON, R. W., SILVERMAN, G. J., and KOSIKOWSKY, F. V. Antibiotics in the fluid milk of New York State (a preliminary report). N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25:15-16,18-20. 1951,pub.May 1952. 44.9 N4833

86993 JULIEN, J. P., and MARTIN, G. Effect of iron content on quality of Quebec butter. Canad. Dairy & Ice Cream J. 31(7):36,38,50. Ref. July 1952. 44.8 C162

86994 KAEMPFE, K. DLG-leistungsprüfung 1952 für frischkäse und sauermilchquark. Deut. Molk.-Ztg. 73:843-847. July 4,1952. 44.8 Su2

86995 KRIENKE, W. A. Ice cream defects. South. Dairy Prod. J. 52(2):74,76-78,80-81. Aug.1952. 44.8 So83

86996 LAPORTE, E. V. Les standards pour le contrôle du lait. B. Agr. 2(1):17-20. Jan.1952. 8 B87

86997 LEMBKE, A., and FRAHM, H. Gesunde milch für unsere säuglinge und kinder. Deut. Molk.-Ztg. 72: 663-666. May 25,1951. 44.8 Su2
Germany.

86998 MCCALLUM, G. E., and FAULKNER, J. D. Milk control planning for civil disaster. Pub. Health Rpt. 67:635-639. July 1952. 151.65 P96

86999 MOHR, W., and KOENEN, K. Bericht über die DLG-dauermilchprüfung 1952. Molk.- u. Käserei-Ztg. 3:798-799. June 26,1952. 44.8 M736

87000 MOHR, W., and KOENEN, K. Bericht über die DLG-eisprüfung 1952. Molk.- u. Käserei-Ztg. 3: 852. July 10,1952. 44.8 M736
Ice cream.

87001 MOHR, W., and KOENEN, K. Bericht über die DLG-kaseinprüfung 1952. Molk.- u. Käserei-Ztg. 3:827-828. July 3,1952. 44.8 M736

87002 MOHR, W., and KOENEN, K. DLG-leistungsprüfung für dauermilcherzeugnisse. Molk.-Ztg. 6:679-680. (Cont.) June 26,1952. 44.8 M735

87003 MOHR, W., and KOENEN, K. DLG-leistungsprüfung für rohkasein und speiseeis. Molk.-Ztg. 6:705-706. July 3,1952. 44.8 M735

87004 MOHR, W., and KOENEN, K. DLG-speiseeisprüfung 1952. Deut. Molk.-Ztg. 73:877-879. July 11, 1952. 44.8 Su2

87005 MULDER, H. Taste and flavour forming substances in cheese. Nederlands Melk- en Zuiveltijdschr. 6:157-168. Ref. Apr./June 1952. 44.8 N283

87006 OBRE. Débouchés et rentabilité du lait propre. Agriculture [Paris] 16:161-165. June 1952. 14 Ag823
Includes discussion.

87007 ORSENIGO, G. Considerations about milk growing acid. (In Italian.) Mondo del Latte 6:341-342, 345. June 1952. 44.8 M74
English summary.

87008 RIBEIRO, J. A. Why three types of milk. (In Portuguese.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:77-79. Mar.1952. 44.8 B634
Grades in Brazil.

87009 ROTHE, H. H. The inspector's part in improving milk. South. Dairy Prod. J. 52(2):31-32. Aug. 1952. 44.8 So83

87010 RUEHE, H. A. Proposed standards for butter; things to be considered. Butter, Cheese & Milk Prod. J. 43(8):25,58-60. Aug.1952. 286.85 B98Bu

87011 ST-PIERRE, D. La sédimentation. Québec Lait. 11(6):24,47. June 1952. 44.8 Q3

87012 SAITNER, M. Ergebnisse der DLG-butterprüfung 1952. Deut. Molk.-Ztg. 73:750-752. June 13, 1952. 44.8 Su2

87013 SAITNER, M. Ergebnisse der DLG-butterprüfung 1952. Molk.- u. Käserei-Ztg. 3:744-746. June 12,1952. 44.8 M736

87014 SAITNER, M. Ergebnisse der DLG-butterprüfung 1952. Molk.-Ztg. 6:625-626. June 12,1952. 44.8 M735

87015 SEELEMANN, M. Förderung der qualität und des absatzes von milch und milcherzeugnissen, insbesondere in den städten. Deut. Molk.-Ztg. 72:651-654. May 25,1951. 44.8 Su2
Germany.

87016 TERROINE. Le contrôle de la qualité des laits crus. Action Lait. (ser.6)8(14/15):3. July 31/Aug. 15,1952. 44.8 Ac8
France.

87017 TERROINE, R. Pour l'amélioration de la qualité des laits par le paiement à la qualité. Tech. Lait. 8(109):8-9,11-16. July 8,1952. 44.8 Of2
France.

87018 THÉROUX, M. La sédimentation du lait. Québec Lait. 11(6):38,40-41. June 1952. 44.8 Q3

87019 TURIN. UNIVERSITÀ. CENTRO STUDI AMINOACIDI. Cheese savour and amino-acids. (In Italian.) Mondo del Latte 5:269-270,272. May 1952. 44.8 M74
English summary.

87020 VOORHIES, E. C. New names given cheeses manufactured in Denmark; country seeks to identify product definitely in both foreign and domestic use. Dairy Foods Rev. 56(8):20. Aug.1952. 286.85 P11

87021 WECKEL, K. G. Flavor and keeping quality of vitaminized fortified skimmilk. Milk Dealer 41(11):56-58,60. Ref. Aug.1952. 44.8 M595

Packing and Packaging

87022 ESCHE, E., and DELFS, H. Neue untersuchungen über flaschenverluste und flaschenkosten in grossstädtischen milchversorgungsbetrieben. Deut. Molk.-Ztg. 72:667-671. May 25,1951. 44.8 Su2
Germany.

87023 FÉDÉRATION DES SYNDICATS DE PRODUCTEURS DE PAPIERS, CARTONS ET CELLULOSES. BUR. D'ÉTUDES. La controverse sur l'emballage du lait. Emballages 22(133):16. July/Aug.1952. 309.8 Em1

87024 FERRAZ, O. DE A., and CALDAS, A. D. Search for coliform organisms in bottles used as milk containers. (In Portuguese.) B. de Indús. Anim. (n.s.) 12:151-153. Dec.1951,pub.1952. 49 R324
English summary.

87025 GUNNERSON, W. E. Packaging half-gallons automatically. Ice Cream Rev. 36:44-45,86. Aug.1952. 389.8 Ic22

87026 HARTE, W. H. Guards frozen product on long, hot runs. Food Engin. 24(8):147,149. Aug.1952. 389.8 F737
Ice cream packaging and handling.

87027 LEHNERT, L. H. Die sterilmilchflasche. Molk.-Ztg. 6:731-735. July 10,1952. 44.8 M735

87028 PAPER milk container research. Good Packaging 13(7):194-196. July 1952. 280.38 G59

87029 RITTER, W. Die zerstörung von pergament bei der verpackung von käse. Milchwissenschaft 7:222-225. Ref. July 1952. 44.8 M5933
English summary.

87030 RÖTZER, A. Die butterverpackung und butterwerbung heute und morgen. Deut. Molk.-Ztg. 72:682-684. May 25,1951. 44.8 Su2
Germany.

87031 SWETT, C. Waxes suitable for various types of paper milk containers. Milk Dealer 41(10):90,92-93. July 1952. 44.8 M595

Prices, Price Control, and Rationing

87032 BLAIS, R. Les consommateurs et la détermination des prix du lait. Foyer Rur. [Montreal] 11(8): 7. June 1952. 7 F83
Canada.

87033 DAIRYMEN'S CO-OPERATIVE SALES ASSOCIATION. To the Pennsylvania Milk Control Commission. Dairymen's Price Rptr. 34(7):1-5. July 1952. 280.28 D14
Milk prices and production costs.

87034 MOHR, W., and KOENEN, K. Prüfungsberichte zum preisbewerb der DLG 1952: dauermilcherzeugnisse. Deut. Molk.-Ztg. 73:812-814. June 27,1952. 44.8 Su2

87035 MOHR, W., and KOENEN, K. Prüfungsberichte zum preisbewerb der DLG 1952: kasein. Deut. Molk.-Ztg. 73:812. June 27,1952. 44.8 Su2

87036 MYRICK, N. Federal Trade Commission intervenes in milk price battle. Amer. Milk Rev. 14(8): 26,30,85-86. Aug.1952. 44.8 Am38

87037 RIEMANN, F. Die bedeutung des milchgeldes. Deut. Landwirt. Presse 75:195. July 19,1952. 18 D482

87038 STROCK, R. L. Fall milk production incentive plans. Md. Farmer 36(6):3,7,14-18. June 1952. 6 M362
Provisions of the Louisville Fall Premium Plan.

87039 STROCK, R. L. Fall milk production incentive plans. II. The Baltimore Plan vs. Louisville Plan in dollars and cents. Md. Farmer 36(7):3,7,13-15. July 1952. 6 M362

87040 THOMA. Der neue milchpreis. Salzburger Bauer 7(29):5. July 17,1952. 19 Sa3

87041 YVOIR, J. A propos du prix des produits laitiers. Tech. Lait. 8(109):17-18. July 8,1952. 44.8 Of2
France.

Processing and Storage

87042 ANTONIANI, C., and CERUTTI, G. Freezing as a method of milk storage. II. (In Italian.) Ann. della Sper. Agr. (n.s.)6:651-653. 1952. 16 An76
English summary.

87043 ASSELSTINE, H. G. Short cut to making the mix for a continuous freezer. Dairy Foods Rev. 56(6):22. June 1952. 286.85 P11

87044 BABEL, F. J. Dairy cultures; factors influencing growth and acid production. Ind. Agr. Expt. Sta. B. 573,24 p. May 1952. 100 In2P

87045 BARRETT, R. B. Newer developments in sanitation chemistry. Milk Plant Mon. 41(8):62-64. Aug.1952. 44.8 Ç864
Detergents.

87046 BAUM, M. D. Civil defense aspects of milk sanitation. N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25: 75,77-78,80-81. 1951,pub.May 1952. 44.9 N4833

87047 BEATON, W. G. Veterinary participation in the production of dairy products in Nigeria during the 1939-45 World War. Internatl. Vet. Cong. Rpt. 14(3):189-192. 1949,pub.1952. 41.9 In844

87048 BEJAMBES, M., and MOCQUOT, G. Station Centrale de Microbiologie et de Recherches Laitières; compte-rendu des travaux effectués en 1951. Indus. Lait. (n.s.)68:97-98. May 1952. 44.8 In2

87049 CARBONE, E. Studies on the influence of certain fodders on the production of cheeses. Researches on the Quartirolo cheese. (In Italian.) Ann. della Sper. Agr. (n.s.)6:689-719. 1952. 16 An76
English summary.

87050 CASALIS, J. La lutte contre les pollutions microbiennes en laiterie. Tech. Lait. 8(108):15-16. (Cont.) June 23,1952. 44.8 Of2

87051 CERUTTI, G. Influence of quick freezing of milk on the stability of the casein. (In Italian.) Latte 26:271-272. June 1952. 44.8 L35

87052 CNOSSEN, W. P. Zuivelbereiding [Dairy manufacture]. Ed. 2. E.L.T.O.-Serie 23,64 p. 1951. 12 EL8

87053 COOPER, J. O., and CANNON, R. Y. Alabama Polytechnic Institute dedicates Arthur D. Burke Dairy Laboratory. Ice Cream Rev. 36:118-120. Aug.1952. 389.8 Ic22

87054 COOPER, J. O., and CANNON, R. Y. Alabama Polytechnic Institute dedicates Arthur D. Burke Dairy Laboratory. Milk Dealer 41(11):46,72-73. Aug.1952. 44.8 M595

87055 DEKKER, L. P. VAN DER M., and ENGEL, C. The vitamin A, B_1, B_2 and C contents of bottled sterilized milk during storage under various conditions. Nederlands Melk- en Zuiveltijdschr. 6:104-108. Apr./June 1952. 44.8 N283

87056 DEMETER, K. J. Die mikrobiologischen gefahren der butterauslagerung. Deut. Molk.-Ztg. 73: 933-935. Ref. July 25,1952. 44.8 Su2

87057 DETHLOF, A. Nipagin-präparate zur vermeidung von krebsfehlern und schimmelwachstum in der holländer käserei. Molk.- u. Käserei-Ztg. 3:911-912. July 24,1952. 44.8 M736
Gouda and Edam cheeses.

87058 DIXON, W. J. Coliform control in ice cream and milk foods plants. Dairy Foods Rev. 56(6):46. June 1952. 286.85 P11

87059 DUMAIS, R. Pourquoi et comment produire du bon lait. Québec Lait. 11(6):18-19. June 1952. 44.8 Q3
Sanitation.

87060 EISENREICH, L. Kontinuierliche verbutterung von sauerrahm. Deut. Molk.-Ztg. 72:679-681. May 25, 1951. 44.8 Su2

87061 ENGLAND, C. W. Hints for the batch freezer operator. South. Dairy Prod. J. 51(6):63-64,66. June 1952. 44.8 So83
Ice Cream.

87062 ESCHE, E., and SCHAEBER, H. Die fertigungs- und vertriebskosten von walzen-magermilchpulver. Deut. Molk.-Ztg. 73:778-781. June 20,1952. 44.8 Su2

87063 EVENHUIS, N. Diacetyl formation in starters. Nederlands Melk- en Zuiveltijdschr. 6:137-156. (Cont.) Ref. Apr./June 1952. 44.8 N283
Butter.

87064 FREEMAN, T. R. Experiments on Cheddar cheese ripening. Amer. Dairy Prod. Rev. 14(7):2-4. July 1952. 44.8 Am37

87065 FRIEDEL, G., and FRIEDEL, H. Molkeneiweiss im betriebsablauf. Deut. Molk.-Ztg. 72:674-676. May 25,1951. 44.8 Su2

87066 FRØMYR, K., and BRANDSOETER, E. The washing of rennet casein and the influence of the technical equipment on the casein quality. (In Norwegian.) Norges Landbrhøgsk. Meld. 32:17-40. 1952. 104 N762M
English summary.

87067 GRÜTZ, P. Bessere konsistenz der butter durch lenkung der fettkristallisation. Molk.-Ztg. 6:759-760. July 17,1952. 44.8 M735

87068 HARPER, W. J., and GOULD, I. A. Italian cheese ripening. Butter, Cheese & Milk Prod. J. 43(8): 22-24,44,46. Aug.1952. 286.85 B98Bu
Romano and Provolone.

87069 HASKELL, W. H. Sanitation—the link between public health and product quality. Milk Plant Mon. 41(8): 42-43,58. Aug.1952. 44.8 C864

87070 HENDRICKX, H., and VLEESCHAUWER, A. DE. Investigations to prevent the moulds development on cheese rind. (In Flemish.) Gent. Landbhogesch. Meded. 16:287-297. Ref. Sept.1951. 105.1 G344
English summary.

87071 HOFMAN, F. L'avenir des barattes en acier inoxydable. Tech. Lait. 8(110):13,15. July 23,1952. 44.8 Of2

87072 HUBBELL, B. E. Ice cream formulas for diabetics need special care. Dairy Foods Rev. 56(6):26. June 1952. 286.85 P11

87073 HUGHES, G. B., MORGAN, F., and GILMORE, J. L. In-place cleaning of pipelines. N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25:115,117-119. 1951,pub.May 1952. 44.9 N4833

87074 HUTTON, J. T. Basic causes and control of shrinkage in ice cream. Dairy Foods Rev. 56(6):24. June 1952. 286.85 P11

87075 LAWES, E. V. The development of ice cream making machinery. Milk Indus. 33:92-95. July 1952. 44.8 M593

87076 LEMBKE, A., and SCHMIDTENDORF, H. Über milchwirtschaftlich wichtige schimmelpilze. Molk.-Ztg. 6:627-628,685-686. (Cont.) June 12,26,1952. 44.8 M735
Cheese manufacture.

87077 LEVITAN, M. Nonfat milk solids. Creamery Coop. [Los Angeles], July/Aug.1952:14-17. 280.28 C86
Dried milk solids.

87078 MARTIN ALONSO, M. Refrigeración de la leche en el medio rural. Ceres [Valladolid] 17(193):7,9. July 1,1952. 15 C33

87079 MATALLANA VENTURA, S. La moderna pasterización de la leche. Agricultura [Madrid] 21:312-316. June 1952. 15 Ag84

87080 MERRILL, MRS. M. L. How to make French goat milk cheese. Dairy Goat J. 30(8):6-7. Aug.1952. 40.18 M592

87081 MONTIGNY, J. Procédé fritz. Indus. Lait. (n.s.)69:127-130. June 1952. 44.8 In2
Butter manufacture.

87082 NEW YORK STATE ASSOCIATION OF MILK SANITARIANS. Papers presented at the twenty-eighth annual conference, Hotel Syracuse, Syracuse, New York, September 17, 18 and 19, 1951. New York,1952. 182 p. 44.9 N4833

87083 NEW YORK STATE ASSOCIATION OF MILK SANITARIANS. COMMITTEE ON FOOD SANITARIANS. The advisability of expanding the Association to include food sanitation. N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25:37-39. 1951,pub.May 1952. 44.9 N4833
G. W. Molyneux, chairman.

87084 NISSEN, R. Gefrorene milchblöcke statt stangeneis für den "volks-kühlschrank." Molk.- u. Käserei-Ztg. 3:880-882. July 17,1952. 44.8 M736

87085 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Clean milk production. VIII. As practised by a County Down farmer. North. Ireland. Min. Agr. Mon. Agr. Rpt. 27:99-102. Aug.1952. 256.13 Ag82M

87086 OLDHAM, G. Ion exchangers in the dairy industry. Dairyman 69:465-466,479. Aug.1952. 44.8 D1426

87087 PEARCE, J. A., ROSE, D., and TESSIER, H. Assessment of the Fritz continuous butter-making machine for Canadian use. Canad. J. Technol. 30:167-178. Ref. July/Aug.1952. 470 C16F

87088 PÉREZ CUESTA, M. El Pabellón de Industrias Lácteas de la Facultad de Veterinaria de Córdoba. Arch. de Zootec. 1:75-80. 1952. 49 Ar22
Research.

87089 PLOCK, K. La fabrication du beurre par procédé continu. Indus. Lait. (n.s.)69:131-132. June 1952. 44.8 In2

87090 POLITI, I. About the bacteriological control of the serum-ferments. (In Italian.) Mondo del Latte 5: 275-276,279. May 1952. 44.8 M74
English summary.
Cheese manufacture.

87091 READING. UNIVERSITY. NATIONAL INSTITUTE FOR RESEARCH IN DAIRYING. Report, 1951. Shinfield,1951. 125 p. 44.9 N211

87092 RIBEIRO, J. A. Continuous butter manufacture. (In Portuguese.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:137-140. May 1952. 44.8 B634

87093 ROBINSON, H. B., and TETZLAFF, F. Training aids in high-temperature short-time pasteurization. N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25:91. 1951, pub.May 1952. 44.9 N4833

87094 ROGICK, F. A. A study on technology of Prato cheese. (In Portuguese.) B. de Indús. Anim. (n.s.)12:131-150. Dec.1951,pub.1952. 49 R324
English summary.

87095 ROSS, O. E. Citrus flavored sherbets. Dairy World 31(5):10-13. May 1952. 44.8 D1423

87096 ROTHMAN, M. Control of water adulteration in relation to high temperature short-time pasteurization. N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25:93-96,98-100,102-104,106-110. 1951,pub.May 1952. 44.9 N4833

87097 SACCO, V. Considerations on the temperature and humidity of cheese and butter factories. (In Italian.) Mondo del Latte 6:347-348. June 1952. 44.8 M74

87098 SAITNER, M. 20 jahre buttereinlagerung. Deut. Molk.-Ztg. 73:874-875,908-909,972-974. (Concl.) July 11-18,Aug.1,1952. 44.8 Su2

87099 SANNIO, G. The value of sheep's milk and the possibility of producing the best types of cheese in Sardinia. (In Italian.) Latte 26:331. July 1952. 44.8 L35

87100 SANTOS, E. Clean milk. (In Portuguese.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:165-166. June 1952. 44.8 B634

87101 SCHADE, H. Technische probleme der speiseeisherstellung. Molk.- u. Käserei-Ztg. 3:853-854. July 10,1952. 44.8 M736

87102 SCHAIK, T. F. S. M. VAN, CLARENBURG, A., and HARTOG, C. DEN. Is the whistling milk boiler a hygienic and practical instrument in the household? (In Dutch.) Voeding 13:191-200. May 15,1952. 389.8 V85
English summary.

87103 SCHNEIDER, K. Modern electric centrifuges. (In Portuguese.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:147-148. May 1952. 44.8 B634
Butter manufacture equipment.

87104 SCHULZ, M. E. Die oberflächenpasteurisierung von Camembert und Brie. Deut. Molk.-Ztg. 72: 658-662. May 25,1951. 44.8 Su2

87105 SCHULZ, M. E. Versuche zur verbesserung von sauermilcherzeugnissen und prüfung ihrer vertriebsmöglichkeiten. Molk.- u. Käserei-Ztg. 3:771-773. June 19,1952. 44.8 M736

87106 SCHWARZ, G. Käsefehler und massnahmen zu ihrer verhütung. Molk.-Ztg. 6:761-763,810-812. (Cont.) July 17,31,1952. 44.8 M735

87107 STERBA, T. Der ahlborn'sche metallbutterfertiger. Österr. Milchwirt. 7:143-146. June 7,1952. 44.8 Os72

87108 STEWART, A. P. New research developments in the dairy foods field. (Excerpts.) Dairy Foods Rev. 56(7):22. July 1952. 286.85 P11

87109 TARASSUK, N. P. Mode of action of emulsifiers in the ice cream mix. Dairy Foods Rev. 56(6):28. June 1952. 286.85 P11

87110 THOMSEN, H. Über den nachweis und die regelung einer ordnungsmässigen milcherhitzung. Molk.-Ztg. 6:701-702. (Cont.) July 3,1952. 44.8 M735

87111 THOMSEN, W. Erfahrungen mit walzenlosen butterfertigern aus rostfreiem stahl. Deut. Molk.-Ztg. 72:677-678. May 25,1951. 44.8 Su2

87112 TRACY, P. H. Impact of industry trends on sanitation practices. South. Dairy Prod. J. 52(2):44-48. Aug.1952. 44.8 So83

87113 TRACY, P. H. The impact of industry trends on sanitation practices. 2. Dairy processing. Milk Plant Mon. 41(7):49-50,61-62,64. July 1952. 44.8 C864

87114 UETZ, F. E. Modern sanitary practices in the ice cream industry/ N. Y. State Assoc. Milk Sanit. Annu. Rpt. 25:83-90. 1951,pub.May 1952. 44.9 N4833

87115 VLEESCHAUWER, A. DE, MOULAERT, J., and HENDRICKX, H. Technical study about the preparation of Saint-Paulin. (In Flemish.) Gent. Landbhogesch. Meded. 16:375-405. Dec.1951. 105.1 G344
English summary.

87116 WASSERMANN, O. Aufgabenbereich und organisation der Bundeslehr- und Versuchsanstalt für Hartkäserei in Rotholz. Österr. Milchwirt. 7:203-207. July 21,1952. 44.8 Os72

87117 WAYWELL, J. Ice cream emulsification. Dairyman 69:415,417,419. July 1952. 44.8 D1426

87118 WAYWELL, J. Stabilisers in ice cream. Dairyman 69:461-463. Aug.1952. 44.8 D1426

87119 WELLS, C. B., JR. Fundementals in production of soft ice cream and ice milk. South. Dairy Prod. J. 51(6):70-72,77-78. June 1952. 44.8 So83

87120 WHITEHEAD, H. R., and HARKNESS, W. L. The influence of bacteriophage in cheese manufacture; the effect of an extended ripening period. Austral. Dairy Rev. 20(7):12-13. July 1,1952. 44.8 Au73

87121 WIEHR, R. Die Bundes-Versuchs- und Forschungsanstalt für Milchwirtschaft in Kiel. Deut. Molk.-Ztg. 72:648-650. May 25,1951. 44.8 Su2

87122 WILCKE, E. Über homogenisiermaschinen. II. Molk.- u. Käserei-Ztg. 3:936-938. July 31,1952. 44.8 M736

87123 WILCKE, E. Über homogenisiermaschinen und homogenisierung von milchprodukten. I. Theoretische grundlagen der homogenisierung. Molk.- u. Käserei-Ztg. 3:855-856. July 10,1952. 44.8 M736

87124 WILKOWSKE, H. H., and MULL, L. E. Reconstituting nonfat dry milk solids. South. Dairy Prod. J. 51(6):152-154. June 1952. 44.8 So83

87125 WILSTER, G. H. New dairy building for Oregon State College. Milk Dealer 41(10):46,102-106. July 1952. 44.8 M595

87126 WINKLER, G. Einige wichtige winke zur topfenerzeugung für die verarbeitung in der quargelerzeugung. Österr. Milchwirt. 7:199-201. July 21,1952. 44.8 Os72

87127 WITZEL, S. A. The impact of industry trends on sanitation practices. 1. Dairy production. Milk Plant Mon. 41(7):46-48. July 1952. 44.8 C864

Statistics

87128 QUEBEC. BUR. OF STATISTICS. Dairy products 1951. Quebec,1952. 9 p. 253.8 St2I
Text in French and English.
Statistics.

87129 THOMANN, W. Die käseproduktion im sommer 1951. Schweiz. Milchztg. 78:351-352. July 4,1952. 44.8 Sch92
Statistics.

FEED AND FORAGE CROPS

87130 ANDRE, E. Le tournesol ou "grand soleil" (Helianthus annuus L.) plante oléagineuse. Oléagineux 7:473-479. (Concl.) Ref. Aug./Sept.1952. 77.8 OL2
Composition and nutritive value of the oilcake and flour.

87131 ARIZONA. FEED CONTROL OFFICE. Fourteenth annual report, 1951. Ariz. Agr. Exp. Sta. Spec. B., 63 p. Feb.1952. 389.79 Ar4

87132 BECKER, M. Der "stärkewert" der futtermittel in den neuen futterwerttabellen. Deut. Landwirt.-Gesell. Mitt. 67:486-487. July 5,1952. 18 N39

87133 BLACKHURST, H. M. The feed picture. (Extr.) Utah Poultry Co-op. 16(7):10,21-22. Mar.1952. 280.28 Ut1

87134 BURNS, L. V. The new college feed mill. (Abs.) Amer. Miller & Processor 80(6):52,54-55. June 1952. 298.8 Am32

87135 COLEMAN, W. P. Is it good for the customer? Grain & Feed J. Consolidated 109(2):25-26. July 23,. 1952. 298.8 G762
Feeding advice from the feed dealer.

87136 COUPAR, J. R. Home-grown feeding-stuffs. Farmers Annu. 1952:27-29. 10 F2237

87137 EGOROV, V. N. For every collective farm—a feed depository. (In Russian.) Kormovaîa Baza 3(6):8-10. June 1952. 60.8 K84

87138 GILLES, K. A., MEREDITH, W. O. S., and SMITH, F. The carbohydrates of the Gramineae; the constitution of the water-soluble polysaccharides of the grain of barley (Hordeum vulgare). Cereal Chem. 29:314-316. Ref. July 1952. 59.8 C33

87139 GOLIKOVA, A. A. On the interrelation of lactic acid and putrefactive bacteria in ensilage. (In Russian.) Vsesoîuzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):89-97. Ref. 1951. 448.39 L54

87140 GRAUMANN, H. Technische grundlagen der futtermittelfabrikation. Mühle 89:423-424. July 3,1952. 298.8 M89

87141 HERINGA, B. Prospects for supply of concentrated feed for the livestock population. (In Dutch.) Netherlands. Dir. van de Landb. Landb. 13:163-167. 1951. 12 N384

87142 HODGSON, R. E. Cows will walk. Land O'Lakes News 32(7):12. July 1952. 44.8 L22
Handling of feed and straw on the farm.

87143 KHAN, A. Study of the toxic principles found in common oilcakes & their removal. Oils & Oilseeds J. 4(12):10-13. Ref. June 1952. 307.8 Oi54

87144 KSENOKRATOV, S. A. On estimating the hay of sown annual forage plants. (In Russian.) Kormovaîa Baza 3(6):58-59. June 1952. 60.8 K84

87145 LAMB, C. C. Formula feeds—development and growth. Grain & Feed J. Consolidated 109(3):29-30. Aug. 13,1952. 298.8 G762

87146 LECHNER. Von der menge zur qualität; zur heubonitierung für den 1. Bundes-Heuwettbewerb 1952. Deut. Landwirt.-Gesell. Mitt. 67:469-470. June 28,1952. 18 N39

87147 LEWIS, F. A. Corn refining by-products in feeds. Feed Age 2(8):34-36. Aug.1952. 389.78 F327

87148 MCNEAL, D. What may lie ahead; an economist views feed potentials. Feed Bag 28(7):28,84-85. July 1952. 389.78 F32

87149 MIÈGE, E. Le problème fourrager au Maroc. Inform. Marocaine 597:1-2. (Cont.) June 21,1952. 281.8 In3

87150 MIETTINEN, J. K., and VIRTANEN, A. I. A rapid method for determination of fatty acids and ammonia in silage by means of paper chromatography. Acad. Sci. Fenn. Ann. Ser. A. II. Chem. 41,9 p. 1951. 385 H362

87151 MURRAY, P. C. What the feed processor expects from the machinery manufacturer. Feedstuffs 24 (30):30-31,34-35. July 26,1952. 286.81 F322

87152 MURRAY, P. C. What the feed processor expects from the machinery manufacturer. Grain & Feed J. Consolidated 109(2):23-25. July 23,1952. 298.8 G762

87153 MURRAY, P. C. What the feed processor expects from the machinery manufacturer. Nowest. Miller (Milling Prod. Sect.) 248(7):11a-12a,14a-15a. Aug.12, 1952. 298.8 N81

87154 NAUMANN, K. Ergebnisse der futtermittelkontrolle. Landwirt. Z. der Nord-Rheinprov. 119:680-681. June 28,1952. 18 L2344

87155 NEWMAN, G. Grass drying on the small farm. Home Farmer 19(7):12-13. July 1952. 280.344 H75

87156 NULLMANN. Die künstliche trocknung in der Schweiz. Landwirt. Z. der Nord-Rheinprov. 119:708-709. July 5,1952. 18 L2344
Green feed.

87157 ORTH, A. Der nährstoffabbau bei der heulagerung. Deut. Landwirt.-Gesell. Mitt. 67:534-535. July 26,1952. 18 N39

87158 POLÍAKOV, A. M. Kudravinskaía MTS is assisting collective farms to develop a stable feed supply. (In Russian.) Kormovaía Baza 3(6):47-49. June 1952. 60.8 K84

87159 RANDLE, S. B. Commercial feeds in New Jersey, 1951. N. J. Agr. Expt. Sta. Inspect. Ser. 46, unpaged. May 1952. 100 N46S

87160 RICHARDSON, J. L. Feeds have improved; so must feed merchandising. Hatchery & Feed 26(8):32-34, 36. Aug.1952. 47.8 H28

87161 ROSS, O. B. Some feed industry problems. Grain & Feed J. Consolidated 109(2):27-28. July 23, 1952. 298.8 G762

87162 SCHMIDT, T. H. Fodder conservation on the mixed farm. So. Austral. Dept. Agr. J. 55:528-529. May 1952. 23 So84

87163 VIRTANEN, A. I. Conservation of green crops. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:347-354. Ref. 1949,pub.1951. 279.9 Un32P
Forage plants.

87164 WACKER. Lehren aus dem heuwettbewerb 1951. Landwirtbl. Weser-Ems 99:489-491. May 15, 1952. 18 L2345
Analysis.

87165 WARD, B. The rationing of feedingstuffs. Farm & Mkt. 1:14-15. Jan.1951. 280.28 F229

87166 WYLIE, S. M. Silage sampling. Edinb. & East Scot. Col. Agr. B. 32:21-31. Jan.1952. 103 Ed4E

87167 ZIEBELL. Futtermittelkühlung und kühlanlagen in pelztierzuchtbetrieben. Deut. Pelztierzüchter 26:121-123. July 25,1952. 412.628 D48

FIBERS AND TEXTILES

87168 ALEKSEEV, V. A. Experiment in using buffer solutions for flax retting. (In Russian.) Vsesoíuzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2): 49-57. 1951. 448.39 L54

87169 ALEXANDER, E. Optimal twist in staple yarn. Textile Res. J. 22:503-508. Aug.1952. 304.8 T293
In relation to fiber properties.

87170 ALEXANDER, P. Regenerated protein fibres from keratin. I. Textile Indus. & Fibres 13:254-256. Aug.1952. 304.8 F16

87171 AMERICAN Cotton Congress defies 13th jinx, holds outstanding meeting in Houston. Acco Press 30(7): 5-10. July 1952. 6 Ac2

87172 ANUCHIN, S. A. Effect of twisting on physicomechanical properties of twisted silk. (In Russian.) Tekstil'. Promysh. 11(12):22-23. Dec.1951. 304.8 T23

87173 ATKINS, W. G. Why do we "research"? Jute & Gunny Rev. Annu. 3:103-109. Ref. Mar.1952. 73.38 J983A

87174 BAILEY, T. L. W. Textiles magnified—their significance in producing and supplying mill needs. Spinner-Breeder Conf. [Proc.] 8:20-22. 1951. 72.9 C765
Fiber properties.

87175 BALAN, A. To utilize fully by expert planning all possibilities for the development of cotton production. (In Russian.) Khlopkovodstvo 1:8-14. Jan.1952. 72.8 K522

87176 BAUMANN, H. P. Problems presented by the new fibers. Amer. Dyestuff Rptr. 41:P453-P456. July 21,1952. 306.8 Am3

87177 BEACON, J. L. A quick look at the industry. Textile B. 78(7):68-70. July 1952. 304.8 So82

87178 BELL, S. Results of measurements of wool samples and classification of some ram skins in the fall of 1951. (In Norwegian.) Landbrukstidende 58:446-447. June 4,1952. 11 L236

87179 BISSONNET, A. P. Jute processing in Pakistan. Foreign Trade 12(289):5-6. July 12,1952. 286.8 C162

87180 BOSCHI, S. The National Hemp Show. (In Italian.) Mercanzia 7(4/5):17-18. Apr./May 1952. 287 B635
Italy.

87181 BROOKS, E. H. Delta cotton ginners hear a discussion of the gin machinery manufacturers' contribution ot the ginning education program. Cotton Gin & Oil Mill Press 53(17):15,33-34. Aug.16,1952. 304.8 C822

87182 BROOKS, V. Statistics on cotton and related data. U. S. D. A. Statis. B. 99(sup.),105 p. July 1952. 1 Ag84St

87183 BRYANT, F. Chromatographic studies of the silk fiber. I-II. Textile Res. J. 22:523-528. Ref. Aug. 1952. 304.8 T293

87184 BYCHKOVSKAÍA, A. L. Factors which provide an accelerated anaerobic regeneration of the flax retting fluid. (In Russian.) Vsesoíuzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):38-48. 1951. 448.39 L54

87185 CALMANS, J. The "recovery" of the Free State wool industry. (In Afrikaans.) Wolboer 5(10):30-31. June 1952. 45.8 W83

87186 CAMPBELL, W. T. The marketing of wool. Farm & Mach. 2(14):14-15. July 1951. 58.8 F2294
Great Britain.

87187 CARR, D. W. Comment on Problems in Wool Marketing Research by Slagsvold. J. Farm Econ. 34: 407-411. Aug.1952. 280.8 J822
Rejoinder by P. L. Slagsvold, p. 411-414.

87188 CASTRO ROMERO, A. Microdinamómetro para análisis de fibras de lana. Arch. de Zootec. 1:13-23. 1952. 49 Ar22
English summary.

87189 CAVALCANTI, A. B. Piassava. (In Portuguese.) Assoc. Com. do Amazonas. B. 11(130):16-17. May 1952. 286.9 As7B
The fiber industry in Brazil.

87190 COMMONWEALTH ECONOMIC COMMITTEE. Results of the fifth wool questionnaire, 1951. London, 1952. 21 p. 286.85 C733R
International Wool Textile Organisation, cooperating.
Statistical.

87191 CRUZ, E. E. Some aspects on the industrialization of important Philippine fibers. Philippine J. Agr. 15:261-279. Third/Fourth Q. 1950,pub.1952. 25 P543

87192 DEFORE, H. Practical manufacturing experiences with 1951 crop and new varieties in production. Spinner-Breeder Conf. [Proc.] 8:14-18. 1951. 72.9 C765
Cotton.

87193 DRUBLÍANETS, É. É. Effect of nitrogenous supplements on aerobic retting of flax by spraying. (In Russian.) Vsesoíuzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):67-73. 1951. 448.39 L54

87194 DUNN, R. P. Prospective cotton market outlets for 1951 and 1952—quality and quantity factors. Spinner-Breeder Conf. [Proc.] 8:25-27. 1951. 72.9 C765

87195 FARNSWORTH, H. V. A paper on the Bradford system of drawing and spinning. Fibre & Fabric 105(3410):6-8. Aug.9,1952. 304.8 F33
Wool.

87196 FIBROUS Agricultural Residues Conference. Tappi 35(8):133A-144A. Aug.1952. 302.8 T162
For paper making.

87197 FISHER, D. C., and ROBERTS, E. D. Analysis of staple fiber mixtures. Textile Res. J. 22:509-512. Aug.1952. 304.8 T293

87198 GALE, P. T., and SAGAR, H. Processing aids in fibre blends. (Sum.) Textile Mercury & Argus 127:61-62. July 11,1952. 301.8 T318

87199 GANTZ, G. M. Fibers, fabrics, and finishes of the future. Amer. Dyestuff Rptr. 41:P447-P452. Ref. July 21,1952. 306.8 Am3

87200 GARRETT, H. E., and COSGRIFF, P. W. Wool prices. Canterbury Chamber Com. Agr. B. 275,4 p. June 1952. 23 C162

87201 GOLDTHWAIT, C. F., and others. Mercerization of yarn—experimental apparatus and techniques. Textile Res. J. 22:540-548. Aug.1952. 304.8 T293
A. L. Murphy, I. W. Lohmann, and H. O. Smith, joint authors.
Cotton.

87202 GOLIKOV, V. G. Microflora of kenaf retting. (In Russian.) Vsesoĭuzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):58-66. 1951. 448.39 L54

87203 GRABE, F. Die vollsynthetischen fasern und ihre chemisch-technische verwendbarkeit. Chem.-Ztg. 76:436-438. Ref. July 8,1952. 384 C427
English summary.

87204 GREENWOOD, R. S. Blends incorporating viscose rayon staple. (Abs.) Textile Mfr. 78:346-347. July 1952. 304.8 T3126

87205 GROVER, E. B. Neps. Spinner-Breeder Conf. [Proc.] 8:22-24. 1951. 72.9 C765

87206 GULIDOV, N. Unripe and defective seeds in raw cotton. (In Russian.) Khlopkovodstvo 1:35-37. Jan. 1952. 72.8 K522
Effect on fiber quality.

87207 HAARER, A. E. Cheaper jute or substitutes? Cordage World & Indus. Textiles 33(394):17,19. Aug.1952. 73.8 C813

87208 HAARER, A. E. Jute substitues (a review of present trends). Jute & Gunny Rev. Annu. 3:149-153. Mar.1952. 73.38 J983A

87209 HALL, A. J. Measuring static on loose fibres. Textile Mercury & Argus 126:1009,1011,1013. June 6, 1952. 304.8 T318

87210 HENNING, W. L. Better wool and more of it. Rur. New-Yorker 102:515,538. Aug.16,1952. 6 R88

87211 HEYN, A. N. J. Observations of the birefringence and refractive index of synthetic fibers with special reference to their identification. Textile Res. J. 22:513-522. Ref. Aug.1952. 304.8 T293

87212 HOFFPAUIR, C. L. Cotton's minor constituents (their role in utilization). Textile Indus. 116(8): 109-113. Aug.1952. 304.8 C823

87213 HOPKINS, G. E. Wool: its future. Textile B. 78(7):42,44. July 1952. 304.8 So82

87214 HORNER, F. B. The pre-war demand for wool. Econ. Rec. 28(54):13-28. May 1952. 280.8 Ec74

87215 HOWDEN, C. Blending viscose with wool on worsted machinery. (Abs.) Textil Mfr. 78:344-345. July 1952. 304.8 T3126

87216 HUDSON, J. F. Cotton marketing. La. Rur. Econ. 14(3):4-5. Aug.1952. 281.8 L93

87217 HUNTER, W. A. Fibre blending. (Abs.) Textile Mfr. 78:340-341. July 1952. 304.8 T3126

87218 JUNGSVEDEN, O. Värmbol hemp. (In Swedish.) Textil och Konfektion 9(5):12-14. June 1952. 304.8 T3192

87219 KAY, SIR J. India's cotton textile industry. Indian Textile J. 62:524-529. June 1952. 304.8 In2

87220 KESCHTGES, L. La productivité et l'industrie textile belge. Soc. Belge d'Études et d'Expansion. B. 151: 389-393. May/July 1952. 280.8 So17

87221 KEVERLING-BUISMAN, J. A. Fadenbrüche auf ringspinnmaschinen beim verspinnen von viskose-zellwolle. Reyon, Zellwolle u. Andere Chemfasern. 7: 381-387. July 1952. 304.8 J45

87222 KLEINERT, T., and WURM, P. Zur kenntnis der zinksulfatlöslichkeit in den fällbädern der viskose-faser-industrie. Melliand Textilber. 33:619. July 1952. 304.8 T312
English summary.

87223 KLING, W. Zur morphologie der baumwoll-faser. (Abs.) Angew. Chem. 64:370-371. July 7,1952. 384 Z33

87224 KOCH, P. A. Erkennung und unterscheidung der verschiedenen arten von chemischen faserstoffen. Textil-Rundschau 7:273-277. June 1952. 304.8 T3139

87225 KOCHER, F. Détermination des seuils d'attaque de la cellulose par les solutions de chlorite de sodium en milieu acide. Inst. Textile de France. B. 32:19-103. (Cont.) Apr.1952. 304.8 T3145
English summary.
Cotton.

87226 KOMAROV, V. G. Relation of firmness of flax yarn to twisting and count. (In Russian.) Tekstil'. Promysh. 11(12):23-25. Dec.1951. 304.8 T23

87227 KOROSKYS, M. J. Tips on carding and combing of wool-and-synthetic blends. Textile World 102(8): 126,214. Aug.1952. 304.8 T315

87228 KRUTIKOVA, L. P. Dry yeasts from Clostridium felsineum culture for improving flax retting. (In Russian.) Vsesoĭuzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):27-37. Ref. 1951. 448.39 L54

87229 KUNDU, B. C. Jute, more jute. Jute & Gunny Rev. Annu. 3:111-115. Mar.1952. 73.38 J983A

87230 LATEGAN, J. S. Classification and consignment of wool to the coast. Transkeian Ter. Agr. Dept. Umcebisi Womlimi Nomfuyi 29(2):12-13. May 1952. 24 T684

87231 LAXER, G., and WHEWELL, C. S. The measurement of damage produced by treatment of wool with solutions of hydrogen peroxide. Soc. Dyers & Colour. J. 68:256-257. July 1952. 306.9 So1

87232 LEON RIVA, A. Urgencia del desarrollo económico de Cuba; el kenaf: una gran esperanza. Cuba Econ. y Financ. 27(315):29. June 1952. 286.8 C892

87233 LYLE, S. P. The purpose of this training conference. Washington,U. S. Ext. Serv.,1952. 3 p. 1.913 A2L98
Talk at the Beltwide Training Conference for Extension Cotton Ginning Specialists, May 19-23,1952, at Stoneville, Miss.

87234 MCCOMB, J. Staple spinning; some helpful hints for wool mills. Rayon & Synthetic Textiles 23(8): 33,50,54,95. Aug.1952. 304.8 R21

87235 MCCONNELL, R. J. Anent the progress of the American system of worsted spinning. Fibre & Fabric 105(34):10-12. Aug.9,1952. 304.8 F33

87236 MCCORD, F. A., and DIKEMAN, N. J., JR. Cotton linter price. Bedding 62(6):86. July 1952. 309.8 B39

87237 MCGREGOR, C. J. Hibiscus fibre production in South Africa. Jute B. 15:84-89. May 1952. 73.38 In2

87238 MCLAURIN, J. F. Domestic and foreign cotton requirements as related to production and marketing problems. Spinner-Breeder Conf. [Proc.] 8:27-28. 1951. 72.9 C765

87239 MANSFIELD, W. W. Detergency. II. The removal of oil from wool fibres. Austral. J. Appl. Sci. 3:193-200. Ref. June 1952. 475 Au74

87240 MARKOVA, Z. S. Development of a method for application of yeasts during the utilization of Clostridium felsineum as a ferment for improving flax retting. (In Russian.) Vsesoĭuzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):20-26. 1951. 448.39 L54

87241 MARKOVA, Z. S. Effect of Saccharomyces ellipsoideus on growth and activity of Clostridium felsineum. (In Russian.) Vsesoĭuzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):12-19. Ref. 1951. 448.39 L54
In flax retting.

87242 MARTIN, P. J. Enfoque técnico del ensimaje de la lana. Textiles Panamer. 12(8):33,43. (Cont.) Aug.1952. 304.8 T3142

87243 MATHIS, G. W. Rally or turning point for textile industry? Mag. Wall St. 90:538-539,556-557. Aug.9,1952. 286.8 M27

87244 MAZAR BARNETT, J. Rayón de linters argentino. Indus. y Quím. 14:12-17. Mar.1952. 382 In28
Cellulose in the manufacture of rayon.

87245 MEYERS, T. Consumer reactions to agricultural textile products at household and industrial levels. Washington,U. S. Bur. Agr. Econ.,1951. 12 p. 1.941 A2M57

87246 MOORE, V. P., and MERKEL, C. M. Lint cleaning at gins. Cotton Gin & Oil Mill Press 53(15): 20,22. July 19,1952. 304.8 C822

87247 MOREHEAD, F. F. A method for studying the effect of humidity on the cross-sectional swelling of some common fibers. Textile Res. J. 22:535-539. Aug.1952. 304.8 T293

87248 MUKHERJEE, A. K. Gloss of the golden fibre. Indian Farming (n.s.)2(3):22-23. June 1952. 22 In283
Jute retting problems.

87249 MURARO, U. The wool industry of Uruguay. (In Italian.) Cam. di Com. Indus. e Agr. Vicenza. Not. Econ. 7(9):4. May 1,1952. 287 V662

87250 NANJUNDAYYA, C. Technological reports on trade varieties of Indian cottons, 1951. Indian Cent. Cotton Comt. Technol. Lab. Technol. B. Ser. A 78,88 p. 1951. 72.9 In2332A
Quality and spinning tests.

87251 NICKERSON, R. F. The reaction of cellulose with formaldehyde. Textile Res. J. 22:554-555. Aug. 1952. 304.8 T293

87252 OGLESBEE, J. C., JR. Quality of ginning. Spinner-Breeder Conf. [Proc.] 8:8-10. 1951. 72.9 C765
Cotton.

87253 PATTYN, J. Straw flax situation in 1951. (In Flemish.) Textielwezen 8(6):15-16. June 1952. 304.8 T3147
Belgium.

87254 PAUL, H. Card sliver variation can be reduced! Textile Indus. 116(8):96-98. Aug.1952. 304.8 C823

87255 PENDERS, E. La détermination du pourcentage de colle fixée sur la fibre par encollage. Monit. Textile 14(7):93,95. July 1952. 304.8 M74

87256 PENDLETON, A. M. Ginning is better than ever. Cotton Gin & Oil Mill Press 53(16):11-12. Aug.2, 1952. 304.8 C822

87257 PENFOLD, A. R. Developments in synthetic fabrics. Agr. Bur. N. S. Wales. State Conf. Hawkesbury Agr. Col. 27:37-38. 1951. 23 Ag82S
Includes discussion of the new fibers.

87258 PERYMAN, R. V., HENDERSON, A. E., and MCMAHON, P. R. Significance of hairiness (medullation) to the wool textile industry. II. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 34:47-58. June 1952. 514 N48A

87259 PORSCHE, G. Spezial-reinigungsaggregate in der putzerei der baumwollspinnerei. Textil-Praxis 7:496-497. July 1952. 304.8 T3143

87260 PRIMO, P. Angora wool of Venetia. (In Italian.) Cam. di Com. Indus. e Agr. Vicenza. Not. Econ. 7(13):9. July 1,1952. 287 V662
Angora rabbit wool industry.

87261 RAMASWAMY, M. Electronic moisture meters (their use in the assessment of moisture in raw jute). Jute & Gunny Rev. Annu. 3:117-125. Mar 1952. 73.38 J983A

87262 RAY, D. C. India's fibres other than cotton and jute. Jute B. 15:79-82. May 1952. 73.38 In2
Area.

87263 RENDELL, L. P. "Ardil" fibre. Textile J. Austral. 27:431-432,434-435. June 20,1952. 304.8 T3134

87264 RENFREW, A. Fibres and plastics. Plastics Inst. Trans. 20(41):57-67. July 1952. 309.9 In72
Includes discussion.
Natural and synthetic fibers.

87265 RHODEN, F. H. The road back. Jute & Gunny Rev. Annu. 3:29-31. Mar.1952. 73.38 J983A
Indian jute industry.

87266 RIEHL, H. B. Two new wool blending systems. (Extr.) Textile Indus. 116(8):114-116. Aug.1952. 304.8 C823

87267 ROSSOUW, S. D. Wool scouring studies: some preliminary experiments with synthetic detergents. So. African Indus. Chem. 6:90-98,100. Apr.1952. 385 So8
Includes discussion.

87268 ROY, A. R. On sampling wool. Indian Council Agr. Res. Statis. Newslet. 2:4-7. Apr.1952. 22 In223

87269 RUEDA FERRER, F. Industrialización del esparto. Siembra [Madrid] 8(5):19-20. May 1952. 15 Si1

87270 RUTLEDGE, C. H. Man-made fibers move South. J. South.Res. 4(4):29. July/Aug.1952. 470 J822

87271 SARKAR, P. B. Mesta or bimlipatam jute. Textile Mfr. 78:358-359. July 1952. 304.8 T3126
Hibiscus cannabinus.

87272 SARKAR, P. B., MAZUMDAR, A. K., and PAL, K. B. The nature of the hemicelluloses of jute fiber. I. Textile Res. J. 22:529-534. Ref. Aug.1952. 304.8 T293

87273 SARKAR, P. B. Research and jute industry. Jute & Gunny Rev. Annu. 3:127-131. Mar.1952. 73.38 J983A
India.

87274 SAXL, V. French system spinning of wool & blends. Canad. Textile J. 69(17):62-64. Aug.15,1952. 304.8 C16

87275 SCARONI, B. The Venetian wool industry from its founding to today. (In Italian.) Cam. di Com. Indus. e Agr. Vicenza. Not. Econ. 7(12):7-13. June 16,1952. 287 V662

87276 SELIBER, G. L. Biological retting of bast fiber plants and microflora of retting. (In Russian.) Vsesoiuzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):5-11. Ref. 1951. 448.39 L54

87277 SERCHI, G., and CHINI, P. Studies on water repellency. II. (In Italian.) Chimica (n.s.)7:194-204. Ref. 1952. 385 C445
Textiles, including discussion of the fibers.

87278 SHAW, J. Wool marketing begins on the farm. Farmers Annu. 1952:54-56. 10 F2237
Quality in Great Britain.

87279 SHEPHERD, W., and CHASE, G. A. Drafting flax fibre—effects of direction of feed. Textile Mfr. 78:337-338. July 1952. 304.8 T3126

87280 SIDDIQI, A. I. The cotton ginning industry in Pakistan. Cotton & Textiles J. 11(5):17-18. Apr.1952. 304.8 C825

87281 SILLIKER, J. H., and HESS, E. P. Sterility of market cotton. Amer. Med. Assoc. J. 149:1374-1376. Aug.9,1952. 448.9 Am37
Inspection by the Food and Drug Administration.

87282 SIPPEL, A. Photolyse der textilfasern und faserfeinbau. Kolloid-Z. 127:79-82. July 1952. 384 Z315

87283 SIPPEL, A. Die theorie der photolyse von textilfasern. Melliand Textilber. 33:645-649. Ref. July 1952. 304.8 T312
English summary.

87284 SOLODOVNIKOV, V. Cotton production of United States of America under military-inflationary business conditions. (In Russian.) Khlopkovodstvo 1:64-69. Jan.1952. 72.8 K522

87285 SPENCER, C. B. Fiber and oilseed crops. Tex. Agr. Workers' Assoc. Proc. 24:41-46. 1951. 4 T314

87286 SPENSLEY, P. C. Cortisone from Commonwealth sisal? Chem. & Druggist 158(3778):84-86. July 19,1952. 396.8 C42

87287 SPINNER-BREEDER CONFERENCE, 8, 1951. [Proceedings] Clemson, South Carolina, November 29 and 30, 1951, sponsored by Delta Council Advisory Research Committee. Greenville,1951. 36 p. 72.9 C765

87288 STANCIL, D. H., and BOYLSTON, H. G. Increase profits through cotton classing. Prog. Farmer, Carolinas-Va. Ed. 67(8):15,95. Aug.1952. 6 P945

87289 STEWART, E. Forward, American cotton! Prog. Farmer, Miss.-Ark.-La. Ed. 67(8):15,92. Aug. 1952. 6 So81
The Oscar Johnston Foundation and its program of research and education.

87290 SYNDICAT GÉNÉRAL DE L'INDUSTRIE COTONNIÈRE FRANÇAISE. Industrie cotonnière française; statistiques 1951. Synd. Gén. de l'Indus. Coton. Franç. B. d'Inform. Sup. 3,159 p. 1951. 286.3729 Sy7A

87291 TELLES, M. R. Position of the B. R. S. [Brazilian Rural Society] in the face of the cotton problem (In Portuguese.) Soc. Rur. Bras. Rev. 32(376):17. May 1952. 9.2 B733

87292 TERAUCHI, H. Orientation of the raw silk industry. Silk Digest 70:1. July 1952. 304.8 Si33
Japan.

87293 TEXTILE INSTITUTE. Annual conference. Textile Mfr. 78:340-347. July 1952. 304.8 T3126

87294 TOI, K. Cotton supply and distribution of the world. (In Japanese.) Nogyo Sogo Kenkyu 6(2):291-297. Apr.1952. 22.5 N687

87295 TRIPATHY, M. Jute development in Orissa. Jute B. 15:71-72. May 1952. 73.38 In2
Statistics.

87296 U. S. BUR. OF AGRICULTURAL ECONOMICS. Survey of canvas awning fabricators. U. S. D. A. Mktg. Res. Rpt. 1,79 p. Apr.1952. 1 Ag84Mr

87297 U. S. BUR. OF THE CENSUS. Cotton production in the United States crop of 1951. Washington,1952. 37 p. 157.41 C822
Statistics.

87298 U. S. PRODUCTION AND MARKETING ADMIN. Performance of selected commercial varieties of cotton when processed at varying rates of card production, by J. T. Rouse and S. T. Burley, Jr. Washington,1952. 56 p. 1.956 C82P412

87299 VANDERSCHUEREN, J. Technique of spinning staple fibres. (Sum.) Indian Textile J. 62:564-565. June 1952. 304.8 In2

87300 VEREIN DER TEXTILCHEMIKER UND COLORISTEN. [Tagung] vom 1.-3. mai 1952 in Bad Neuenahr. Angew. Chem. 64:370-371. July 7,1952. 384 Z33

87301 VZENKONSKII, A., and ORENBAKH, B. High productivity methods of cotton factories. (In Russian.) Khlopkovodstvo 1:61-63. Jan.1952. 72.8 K522
Ginning.

87302 WAGGETT, G. Processing properties of rayon staple on cotton spinning machinery. (Abs.) Textile Mfr. 78:345-346. July 1952. 304.8 T3126

87303 WALL, E. L. Greater stability forecast for world cotton trade; International Cotton Advisory Committee's eleventh plenary meeting. U. S. Dept. State. B. 27:185-187. Aug.4,1952. 150 B87

87304 WALTER, L. Theoretische und praktische grundlagen der trocknung von testilfasern mit warmluft. Textil-Rundschau 7:268-272. June 1952. 304.8 T3139

87305 WESTERN REGIONAL AGRICULTURAL EXPERIMENT STATIONS. TECHNICAL COMMITTEE. Wool preparation & marketing. Wyo. Agr. Expt. Sta. B. 316,68 p. June 1952. 100 W99
U. S. Production and Marketing Administration cooperating.

87306 WINCHCOMBE, CARSON. 63rd annual wool review. Sydney,1952. 20 p. 45.9 W72

87307 WITHAM, P. E. Ramie, wonder fibre. Gt. Brit. Colon. Devlpmt. Corp. Colon. Devlpmt. 1(10):23-25. Summer 1952. 280.9 G7933C

87308 ZAHN, H. Neue forschungsergebnisse an wolle. Textil-Rundschau 7:305-319. Ref. July 1952 304.8 T3139
Includes discussion.

87309 ZEL'DIN, L. I., and NIKOLAEV, N. S. Downblowers of spinning machines. (In Russian.) Tekstil'. Promysh. 11(12):12-13. Dec.1951. 304.8 T23

87310 ZOTIKOV, V. E. Strict observation of theoretical requirements of the roving machine [in spinning]. (In Russian.) Tekstil'. Promysh. 11(12):19-21. Dec.1951. 304.8 T23

FRUITS, VEGETABLES, AND NUTS

87311 ASSOCIATION OF VIRGINIA POTATO AND VEGETABLE GROWERS. Annual report, 1950-51. n.p.,1951. 9 p. 81 As72

87312 BLONDEL, L. Enseignements du 2e congrès international des agrumes des pays mediterranéens. Élevage et Cult. 4(43):7-10. July 1952. 24 EL2

87313 BOS, J. Grading, packing, preservation. (In Dutch.) Plattelands-Post 8(31):3. July 31,1952. 12 P69
Fruit.

87314 BOYER-BANSE, L. La crise des pommes de terre primeurs d'Algérie. Rev. Agr. de l'Afrique du Nord 50:289-291. May 9,1952. 80 R326

87315 COMPAÑÍA BANANERA DE COSTA RICA. Datos, 1951. San Jose,1951. 16 p. 93.42 C73

87316 GERRITSEN, J. D. The economic position of cherry growing. (In Dutch.) (Excerpts.) Betuws Tuinbouwbl. 10(8):4-5. June 21,1952. 80 B464

87317 GIERSHAUSEN, E. Der obstanbau am Mittelrhein. Früchte u. Gemüse Markt 4:760-761. June 1952. 286.83 F9425

87318 GLEAVES, T. Citrus fruit; progress and problems of the industry in South Africa. (Extr.) Empire Prod. 330:75-76. July/Aug.1952. 286.8 Em7

87319 HEEP, P. Kleine warenkunde im obstgarten. Früchte u. Gemüse Markt 4:773-775. June 1952. 286.83 F9425

87320 HOOFTMAN, H. Transport of horticultural produce by air. Zaad-Bloem-en Bollenwereld 16:251,253. June 1952. 61.8 Z12
Vegetables and flowers.

87321 HOOS, S., and BOLES, J. N. Long-term economic trends in the canned Clingstone peach industry. Giannini Found. Agr. Econ. Mimeog. Rpt. 129,15 p. May 1952. 281.9 G34M

87322 HOWE, J. W. Fifty year development of fruit and vegetable crops in Texas. Tex. Agr. Workers' Assoc. Proc. 24:47-50. 1951. 4 T314

87323 JAIN, N. L., and others. Products of the cashew "fruit." (In Portuguese.) Rev. de Quim. Indus. 21 (239):23. Mar.1952. 385 R324
B. S. Bhatia, J. C. Anand, and G. Lal, joint authors.

87324 JOHNSTON, S. Michigan's peach industry. Natl. Peach Council Annu. 1952:40-42,44. 281.3939 N21

87325 JONES, H. H. Apples in Europe. East. Fruit Grower 15(5):12,16,18,20. July 1952. 80 Ea73

87326 MACDOWELL, L. G. Citrus products. (In Portuguese.) Fazenda 47(7):38-39. July 1952. 6 H11P

87327 MARINI, P. Poetry of the cherry. (In Italian.) Gior. di Agr. 62:237. Aug.3,1952. 16 It1G

87328 MARTIN-LECOINTE, G., and ROBIN, F. La production fruitière en 1951. Acad. d'Agr. de France. Compt. Rend. 39:344-346. May 14/21,1952. 14 P215Bc

87329 MARTINO, V. DI. Limitation of grape culture in the Brescia hill zone. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:233-235. June 1952. 16 C72

87330 MEDINA BLANCO, M. Especies vegetales de mercado y pratenses, del país. Su identificación, valor alimenticio e inspección. I. Arch. de Zootec. 1:40-57. Ref. 1952. 49 Ar22
English summary.
Leafy vegetables as food, in Spain.

87331 MILLER, C. R. Peach and apple surpluses compared. East. Fruit Grower 15(5):6,23-24. July 1952. 80 Ea73

87332 MONTGOMERY, F. A., JR. Bananas—fruit of the wise men. Crown 41(8):14-15,21,24,29. Aug.1952. 389.8 C88
The industry.

87333 NIKETIĆ, M. J. For the improvement of our plum industry. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(1):51-54. Jan.1952. 21.5 So1
Yugoslavia.

87334 OLIVEIRA, L. G. DE. The babassu in Maranhão. (In Portuguese.) Seleç. Agr. 7(72):31-33. Apr. 1952. 9.2 Se4

87335 OPHEN, J. D. The development of the citrus industry in recent years. Econ. News 4:49-55,94. Dec.1951/Jan.1952. 280.8 Ec797
Israel.

87336 OWENS, W. H. Coconut from the 'tree of life.' Bakers' Natl. Assoc. Rev. 69:1274-1275. Aug.8, 1952. 389.8 N214
The coconut industry.

87337 PATTERSON, B., and DRAKE, J. M., JR. New crop spuds move to market. Sowest. Crop & Stock 6(7): 10-11,82-83. July 1952. 6 So8942
Supply and demand situation and prices.

87338 REESTMAN, A. J. The growing of ware potatoes in the United States. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:171-177. May 1952. 12 N383M

87339 RICE, W. S. Late apricot prices up: unfavorable weather causes cracking of prunes. Sunsweet Standard 36(3):6-7. Aug.1952. 286.83 Su7

87340 SCHREIBER, W. R. World 1952 filbert forecast below average. Calif. Fruit News 126(3349):5,10-11. Aug.2,1952. 80 C12

87341 SCHÜLLER, H. Leistungsfähiger fruchthandel an Rhein und Mosel. Früchte u. Gemüse Markt 4:762. June 1952. 286.83 F9425

87342 SINCOCK, R. L. The decline and ? of the Washington apple. Wash.Farmer 77:499,514. June 19, 1952. 6 R151

87343 SPIRO, L. Un horizon qui s'ouvre; les jus de raisin. Viticult. Nouvelle 5(52):6-7. Aug.1952. 390.8 V832
France.

87344 SPRENG, H. Wie kann die konkurrenzfähigkeit des europäischen obstbaues verbessert werden? Übersicht 3(6):37-45. June 1952. 18 Ob3

87345 SWITZERLAND. EIDGENÖSSISCHE ALKOHOLVERWALTUNG. Die kirschenverwertung 1952. Schweiz. Z. f. Obst- u. Weinbau 61:308-311. Aug.9,1952. 80 Sch9

87346 TORRES FILHO, A. The coconut, national resource. (In Portuguese.) Seleç. Agr. 7(72):5-7. Apr. 1952. 9.2 Se4
Brazil.

87347 TORRES HERRERA, J. M. Fruticultura. Rev. Nac. de Agr. 46(565):40-41. (Cont.) May 1952. 9.4 R32
The industry in Colombia.

87348 TOWNSLEY, P. M., and DIXON, E. Potato chip confections. Canad. Food Indus. 23(7):21,23. July 1952. 286.83 C166

87349 UNION OF SOUTH AFRICA. CONTROLLER AND AUDITOR-GENERAL. Report on the accounts of the Chicory Control Board for the accounting period 1st October 1948 to 31st December, 1949 and the balance sheet as at 31st December, 1949. Pretoria,1952. 19 p. 286.3919 So8

87350 WORK, P. Cabbage—now a profitable vegetable in Mississippi. Ill. Mkt. Growers. J. 81(8):42. Aug. 1952. 6 M34

87351 WURZBURG, O. B. Root starches other than those of white and sweet potato. Econ. Bot. 6:211-215. July/Sept.1952. 450 Ec7
Tapioca, sago, arrowroot.

Analysis and Composition

87352 ADAMS, P., MERWIN, E., and MOGAVERO, M. Flavor components of raspberries. Food Technol. 6: 285-287. Ref. Aug.1952. 389.8 F7398

87353 BERNAERTS, M., DESCHREIDER, A., and PEETERS, G. La composition de quelques fruits industriels. Rev. des Ferment. et des Indus. Aliment. 7: 53-57. Apr.1952. 390.08 R32

87354 CASARES LÓPEZ, R., and LÓPEZ HERRERA, C. Estudio bromatológico de las almendras dulces españolas. An. de Bromatología. 4:70-85. Ref. 1952. 389.8 An1
English summary.
Analysis.

87355 CAUWENBERGH, L. VAN. Sugar content of plums. (In Flemish.) Tuinbouwberichten 16:90-91. June 15,1952. 80 T817

87356 CHATT, E. M. A routine method for the analysis of table jellies. Analyst 77:335-340. July 1952. 382 An1
Includes discussion.

87357 DAVEY, V. M. Methods of sampling root crops. Edinb. & East Scot. Col. Agr. B. 32:15-21. Ref. Jan.1952. 103 Ed4E

87358 DEAN GUELBENZU, M. Nota sobre la distribución de los oligoelementos en el "Solanum tuberosum" L. An.de Bromatología 4:57-61. 1952. 389.8 An1
English summary.

87359 HADORN, H., and JUNGKUNZ, R. Über die hagebutte und ihre erzeugnisse. Z. f. Lebensmtl.-Untersuch. u. Forsch. 94:305-309. May 1952. 384 Z39
Analysis.

87360 HATTORI, S., SHIMOKORIYAMA, M., and KANAO, M. Studies on flavanone glycosides. IV. The glycosides of ripe fruit peel and flower petals of Citrus aurantium L. Amer. Chem. Soc. J. 74:3614-3615. July 20,1952. 381 Am33J

87361 HELFERICH, B., and others. Zur kenntnis der kartoffelphosphatase. III. Hoppe-Seyler's Z. für Physiol. Chem. 290:48-56. July 1952. 384 Z38
H. Stetter, W. Püschel, H. Söntgerath, and G. von Bruck, joint authors.

87362 KIR'IALOVA, E. N., and SHKLIAR, M. Z. Yeast microflora in fruit and berry juices. (In Russian.) Vsesoiùzn. Nauch. Issled. Inst. Sel'skokhoz. Mikrobiol. Trudy 11(2):106-115. Ref. 1951. 448.39 L54

87363 KOCH, J. Uber die wirkung der filtrationsenzyme bei der fermentierung der fruchtsäfte. (Abs.) Angew. Chem. 64:358. July 7,1952. 384 Z33

87364 KOHMAN, E. F. Onion pungency and onion flavor: their chemical determination. Food Technol. 6: 288-290. Aug.1952. 389.8 F7398

87365 NUSSBAUM, C. W. An assist to the novice mold count technician. Canner 115(2):10-11. July 12, 1952. 286.83 C16
Tomato products.

87366 ROUSE, A. H., and ATKINS, C. D. Heat inactivation of pectinesterase in citrus juices. Food Technol. 6:291-294. Aug.1952. 389.8 F7398

87367 SUTRA, R. Classement des différentes variétés d'amidons au moyen des spectres de diffraction de rayons x; possibilité de reconnaître un tapioca fraude avec la fécule de pomme de terre. Ann. des Falsif. et des Fraudes 45:195-199. May/June 1952. 389.8 An72

87368 TAYLOR, R. B. Bacteriological survey of 15 Ontario tomato products plants in 1951. Canad. Food Indus. 23(7):29-32. July 1952. 286.83 C166

87369 TOMIMATSU, Y., and LAUNER, H. F. Rapid method for moisture in fruits and vegetables by oxidation with dichromate. II. Food Technol. 6:281-285. Aug. 1952. 389.8 F7398

87370 ULRICH, R., and MIMALUT, J. L'évolution des composés pectiques (pectines et protopectines) au cours de la maturation des poires paraffinées. Fruits 7:273. June 1952. 80 F9492

87371 WINTER, E. Anderung des vitamin C-gehaltes geernteter pflanzen. Z. f. Lebensmtl.-Untersuch. u. Forsch. 94:414-419. June 1952. 384 Z39
In fruit and vegetables.

87372 ZASLAVSKII, A. S. On the survival of some putrefactive and purulent microorganisms in fruit juices sterilized by heat treatment. (In Russian.) Mikrobiologiia 21:172-176. Ref. Mar./Apr.1952. 448.3 M582

Consumption and Utilization

87373 CANDIDA, F. Is enough fruit eaten in Italy? (In Italian.) Agenzia Romana Note e Inform. Agr. 5(59): 8-9. July 12,1952. 281.8 Ag3

87374 LUTHI, H. Einige zahlen aus der letztjährigen obstverwertung. Schweiz. Z. f. Obst- u. Weinbau 61:271-273. July 12,1952. 80 Sch9

87375 MOERMAN, J. A. S. Utility and possibilities for processing of strawberries. (In Dutch.) Groenten en Fruit 8:8-9. July 3,1952. 80 G89

87376 SCHMID, A. Die traubenverwertung in Amerika. Schweiz. Z. f. Obst- u. Weinbau 61:287-290. July 26,1952. 80 Sch9

87377 SPRENG, A., JR. Vom obst- und gemüseverbrauch im truppenhaushalt unserer armee. Schweiz. Z. f. Obst- u. Weinbau 61:290-293. July 26,1952. 80 Sch9

87378 U. S. BUR. OF AGRICULTURAL ECONOMICS. An analysis of household purchases of citrus products by 500 urban families, Nov. 1948-Oct. 1949, by K. E. Ogren. Washington,1951. 51 p. 1.941 S2C492

87379 WALTER. Gemüseverbrauch und marktbedarf. Obst u. Gemüse 4:687-688. July 24,1952. 286.83 Ob72
Germany.

Distribution, Marketing, and Transportation

87380 AMELN, H. Die genossenschaft sorgt für marktfähiges angebot. Früchte u. Gemüse Markt 4:775-776. June 1952. 286.83 F9425
Fruit.

87381 BADGER, H. T. Marketing charges for head lettuce sold in Cleveland, Ohio, February-June 1950. U. S. D. A. Mktg. Res. Rpt. 6,24 p. June 1952. 1 Ag84Mr

87382 BADGER, H. T. Marketing charges for head lettuce sold in Pittsburgh, December 1949-June 1950. U. S. D. A. Mktg. Res. Rpt. 4,26 p. Apr.1952. 1 Ag84M

87383 BEHLING, G. Obstversand auf der schiene aus dem Alten Land und dem lande Kehdingen. Obstbauversring. Mitt. 7:71-74. Apr.1952. 85 J76

87384 BEHLING, G. Salz schäden; die rechtsprechung im kartoffelladungsverkehr. Kartoffelwirtschaft 5:242-243. June 27,1952. 286.83 K14
Germany.

87385 BERTHAULT, P. Le marché des agrumes. Rev. Agr. de l'Afrique du Nord 50:345-346. May 30,1952. 80 R326

87386 BERTHAULT, P. La rationsalisation des transports entre l'Algérie et la France. Rev. Agr. de l'Afrique du Nord. 50:145-147. Mar.7,1952. 80 R326
Fruit.

87387 BRESSLER, R. G., and FRENCH, B. C. Efficiency in fruit marketing; grading costs for apples and pears. Giannini Found. Agr. Econ. Mimeog. Rpt. 128,21 p. June 1952. 281.9 G34M

87388 CALIFORNIA. BUR. OF MARKETS. Marketing program for canning Bartlett pears, as amended, effective July 1, 1952. Sacramento,1952. 23 p. 280.3939 C123Bc

87389 CALIFORNIA WALNUT GROWERS ASSOCIATION. The annual report for the 1951 crop season. n.p.,1952. 4 p. 94.69 C12A

87390 CATTOIR, L. Politique maraichère. Tunisie Agr. 53:74-79. June/July 1952. 24 T832
Marketing and trade.

87391 CRAVENS, M. E., SCOTT, R. C., and LOMASNEY, W. F. Panel discussions of peach marketing. Natl. Peach Council Annu. 1952:68-70,72-74. 281.3939 N21
Panel discussion; E. Steimle, chairman.

87392 CROW, W. C. Some improvements needed in handling peaches. Natl. Peach Council Annu. 1952:12,14. 281.3939 N21
During marketing.

87393 ETTINGER, J. The marketing of vegetables in 1950/51. Hassadeh 32:318-319. Apr.1952. 26 H27
In Hebrew.

87394 FISHER, W. D. How fresh tomatoes are marketed in California. Fruit & Veg. Rev. 14(5):12. Aug.1952. 80 C1224

87395 FLEWELL-SMITH, B. Marketing of fruit & vegetables in South Africa—with some comparisons with Australia. Queensland Fruit & Veg. News 2(24):19-21. Apr.25,1952. 280.38 Q3

87396 GARROTT, W. N. Marketing charges for potatoes sold in Cleveland, Ohio, February-June 1950. U. S. D. A. Mktg. Res. Rpt. 21,28 p. 1952. 1 Ag84Mr

87397 GARROTT, W. N. Marketing charges for potatoes sold in Pittsburgh, Pa., December 1949-June 1950. U. S. D. A. Mktg. Res. Rpt. 5,28 p. May 1952. 1 Ag84Mr

87398 HEMPHILL, P. V., and MARTIN, L. C. A selected bibliography of potato marketing research (1930-1950). N. Dak. Agr. Expt. Sta. B. 373,39 p. June 1952. 100 N813

87399 HINKLE, W. B., JR. Merchandising fresh fruits and vegetables in retail stores. I. Store characteristics and produce operations. N. Y. Agr. Col. A. E. 818, 82 p. May 1952. 281.9 C81

87400 IMMING, B. J. Helping retailers mechandise fresh fruits and vegetables. Natl. Peach Council Annu. 1952:46,48. 281.3939 N21

87401 JAKOBS, V. Die fachorganisation des mittelrheinischen obstgrosshandels. Früchte u. Gemüse Markt 4:763-764. June 1952. 286.83 F9425

87402 JAKOBS, V. Die krise des versandhandels. Früchte u. Gemüse Markt 4:771-772. June 1952. 286.83 F9425
Fruit and vegetables.

87403 JOHNSON, H. B., and others. Shipping and ripening tests with Texas tomatoes, June 1951. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 265,9 p. May 1952. 1.9 P772Ht
R. E. Hardenburg, B. A. Friedman, and W. R. Buford, joint authors.

87404 KLAUS, E. Katastrophe auf unseren kirschenmärkten! Bauern-Ztg. 5(25):1-2. June 20,1952. 18 B324
Germany.

87405 KOCH, E. Schrittmacher der liberalisierung. Obst u. Gemüse 4:642-643. July 10,1952. 286.83 Ob72
Germany.

87406 KOCH, E. Zum kern der dinge. Obst u. Gemüse 4:686-687. July 24,1952. 286.83 Ob72
Fruit and vegetable marketing in Germany.

87407 MEISTER, R. T. Fruit's new marketing opportunity; can the fruit grower meet the challenge of the modern supermarket? Amer. Fruit Grower 72(8):10-11,25. Aug.1952. 80 G85

87408 MILLIMAN, L. H. Successful promotion of fresh fruit outlined. Better Fruit 47(2):7-8. Aug.1952. 80 B46

87409 MINARDO, M., ARGONDELIS, N., and FRANZELL, C. Panel discussion--merchandising peaches at the street level. Natl. Peach Council Annu. 1952:34,36, 38. 281.3939 N21
Panel discussion; H. Hartline, chairman.

87410 MOHREN, J. Erzeuger-grossmarkt Trier. Früchte u. Gemüse Markt 4:770-771. June 1952. 286.83 F9425
Fruit in Germany.

87411 NATIONAL PEACH COUNCIL. Proceedings of 1952 conference, Benton Harbor-St. Joseph, Michigan, February 18, 19 and 20, 1952. Natl. Peach Council Annu. 1952,80 p. 281.3939 N21

87412 NYE, H., COX, E., and KERLIKOWSKE, E. Discussion of the operation of the Benton Harbor market. Natl. Peach. Council Annu. 1952:52,54,56,58. 281.3939 N21
Panel discussion; C. Preuss, chairman.
Fruit marketing.

87413 PERRY, C. J. Buying peaches for the chain store trade. Natl. Peach Council Annu. 1952:28,30,32,34. 281.3939 N21
Includes discussion.

87414 QUINN, O. B., and BAKER, C. K. Marketing Louisiana strawberries in 1952. La. Rur. Econ. 14(3): 2-3,5-7. Aug.1952. 281.8 L93

87415 RAMSEY, G. B., WIANT, J. S., and MCCOLLOCH, L. P. Market diseases of tomatoes, peppers and eggplants. U. S. D. A. Agr. Handb. 28,54 p. Rev. June 1952. 1 Ag84Ah

87416 READ, F. W. Exchange sales-promotion program for 1952. Blue Anchor 29(3):9-10,36-38. Aug. 1952. 286.83 B62
California Fruit Exchange.

87417 REDIT, W. H., and HARDENBURG, R. E. Refrigerator car heater test with bananas, New Orleans to Winnipeg, January 1952. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 264,10 p. May 1952. 1.9 P772Ht

87418 RHODES, N. Volceful vegetable vending. For Sale, Want & Exch. B. 6(8):1,4. Aug.15,1952. 280.38 F74
Florida.

87419 SAMMET, L. L. Efficiency in fruit marketing; orchard-to-plant transportation. Giannini Found. Agr. Econ. Mimeog. Rpt. 131,29 p. July 1952. 281.9 G34M

87420 SAVILLE, G. The Transport Bill. Fruit, Flower & Veg. Trades' J. 102(4):17. July 26,1952. 80 F946
Great Britain.

87421 SCHLIEMANN, W. Zur kartoffelmarktlage. Kartoffelwirtschaft 5:212. June 6,1952. 286.83 K14
Germany.

87422 SCHMITZ, N. Kirschen und erdbeerversand auf der schiene aus dem koblenzer raum. Früchte u. Gemüse Markt 4:765-766. June 1952. 286.83 F9425

87423 STANFORD RESEARCH INSTITUTE. Transportation and handling costs of selected fresh fruits and vegetables in the San Francisco Bay terminal market area. U. S. D. A. Mktg. Res. Rpt. 2,65 p. May 1952. 1 Ag84Mr

87424 STAUNING, A. Consideration of the consumer, etc. (In Danish.) Gart.-Tid. 68:270-272. July 28,1952. 80 G192
Fruit marketing in Denmark.

87425 STEPHAN, F. O.-O. obstverwertungs-AG. Bauer 5(23):2-3. June 28,1952. 19 B32

87426 THAYER, E. N. Destiny of fruit industry is tied up in marketing. Sunsweet Standard 36(3):4-5. Aug.1952. 286.83 Su7
Prunes.

87427 WENZEL, F. W., and others. Evaluation and use of citrus juice dispensers. Citrus Mag. 14(12):18-21. Aug.1952. 80 C498
C. D. Atkins, E. C. Hill, R. L. Huggart., and R. W. Olsen, joint authors.

87428 WILLIAMS, L. B. Packaged dried fruit sales gain consistently. Good Packaging 13(7):137-138, 141-143. July 1952. 280.38 G59

87429 WORK, P. Southern growers neglect local markets. Mkt. Growers J. 81(7):9. July 1952. 6 M34
Vegetable marketing.

87430 YOUNG, D. K. The Georgia peach industry under a Federal marketing agreement and order. Natl. Peach Council Annu. 1952:16,18,20,22. 281.3939 N21

Grading, Inspection, Standardization, and Quality

87431 AUBERT, P., and BOVAY, E. La conservation de la Reinette de Champagne en frigorifique. Rev. Romande d'Agr. de Viticult. et d'Arboricult. 8:54-55. July 1952. 17 J82A
Keeping quality.

87432 CROCE, F. M. Clásificación y empaque de cerezas. Pampa Argentina 25(294):24-25. June 1952. 9 P19

87433 DAVID, J. Frozen foods are tasty foods. Macdonald Col. J. 12(9):2,4. Macdonald Col. J. 12(9):2,4. May 1952. 101 M144

87434 HARDING, P. L., and others. Control of decay of Florida oranges during storage. Citrus Indus. 33(8): 5-7,11-12. Aug.1952. 80 C49
J. S. Wiant, H. W. Hruschka, M. B. Sunday and J. Kaufman, joint authors.

87435 JENSEN, W. S. The condition of peaches on arrival at the terminal market. Natl. Peach Council Annu 1952:50. 281.3939 N21

87436 JONES, A. H., and HARPER, G. S. A preliminary study of factors affecting the quality of pickles on the Canadian market. Food Technol. 6:304-308. Aug. 1952. 389.8 F7398

87437 KENNERLY, A. B. Growing Texas tomatoes for the pre-package market. Mkt. Growers J. 81(8):16-17. Aug.1952. 6 M34
Quality in tomatoes.

87438 KIRCHNER, J. G. Qué le da el sabor a la fruta? Hacienda 47(7):41-43. Aug.1952. 6 H11

87439 NEWTON, J. T. On the down grade. Fruitation 6(7):5,7. Aug.1952. 286.83 F949
Potato quality in Great Britain.

87440 SCHLIEMANN, W. Anmeldungen zur pflanzkartoffelanerkennung. Kartoffelwirtschaft 5:269-271. July 18,1952. 286.83 K14
Germany.

87441 SOUTHERLAND, F. L. Quality in processed fruits and vegetables. Washington,U. S. Prod. & Mktg. Admin.,1952. 7 p. 1.956 F94So8
Presented to the American Society for Horticultural Science, Atlanta, Feb. 4, 1952.

87442 SPANGLER, R. L. Proposed revision of the U. S. standards for peaches. Natl. Peach Council Annu. 1952:22,24,26. 281.3939 N21
Includes discussion.

87443 STALLWORTH, W. H., and others. Panel discussion—does the sale of low grade fruit affect the movement of the higher grade? Natl. Peach Council Annu. 1952:58,60,62,64,66. 281.3939 N21
L. L. Colvis, A. J. Farley, and H. W. Van Gelder, joint authors.
Panel discussion; C. Preuss, chairman.

87444 STOKES, F. C. Why not vine-ripened flavor in pre-packaged tomatoes? Mkt. Growers. J. 81(8):40-41. Aug.1952. 6 M34

87445 TAUBITZ. Zur frage der notwendigkeit marktregelnder bestimmungen für den gemüse-, obst- und gartenbau. Diplomlandwirt. 2:75. July 1952. 18 D62
Germany.

87446 U. S. PRODUCTION AND MARKETING ADMIN. U. S. standards for currants for processing. Washington, 1952. 3 p. 1.956 A2Un3224

87447 U. S. PRODUCTION AND MARKETING ADMIN. U. S. standards for table grapes (European or Vinifera type). Washington,1952. 11 p. 1.9 Ec74Gta

87448 VOGEL, W. Ein kirschenmarkt am Kaiserstuhl. Schweiz. Z. f. Obst- u. Weinbau 61:293-295. July 26,1952. 80 Sch9
Grading.

87449 WINSTON, J. R., HRUSCHKA, H., and CUBBEDGE, R. Effect of various treatments on decay in tangerines. 3. Citrus Indus. 33(8):8-9,12-13. Aug.1952. 80 C49

Packing and Packaging

87450 ABISS, H. W. Packing is the road to profit. Farmer & Stock-Breeder 66(3277):44. Aug.12,1952. 10 F228
Fruits and vegetables.

87451 BUNTING, S. A sidelight on horticultural marketing: the organisation of produce containers. Farm & Mkt. 1:26-29. Jan.1951. 280.28 F229

87452 CAPEL, G. L., and PRESTON, H. J. Cost of prepackaging potatoes in Maine, Michigan and Pennsylvania. U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Misc. Rpt. 163,21 p. Mar.1952. 166.3 M68

87453 CARLSEN, E. W. The continuing study of packing apples. Good Packaging 13(7):131-135. July 1952. 280.38 G59

87454 FULLER, H. M-B-M bags half of carrot crop. West. Grower & Shipper 23(9):20,22-23. Aug.1952. 280.38 W52
Prepackaging.

87455 HARDENBURG, R. E. How to get the most from a package. Mkt. Growers J. 81(8):10-11. Aug.1952. 6 M34
Prepackaging vegetables.

87456 RYALL, A. L. The cooling rate of table grapes as affected by packaging materials and package types. Blue Anchor 29(3):12-16. Aug.1952. 286.83 B62

87457 RYALL, A. L. A study of packaging materials. Ice & Refrig. 123(2):11-15. Aug.1952. 295.8 Ic2
Grapes.

87458 RYGG, G. L., and MCCOY, W. W. Celery packaging success. West. Grower & Shipper 23(9):42-45, 49. Aug.1952. 280.38 W52

87459 RYGG, G. L. Prepackaging studies on California vegetables. Good Packaging 13(7):107-113,115-120,122-128,130. July 1952. 280.38 G59

87460 SHOWALTER, R. K. How and where should fresh vegetables be prepackaged? Mkt. Growers J. 81(8): 12-13. Aug.1952. 6 M34

87461 TODT, F. California marketing problems challenge packaging industry. West. Grower & Shipper 23(9):11,13. Aug.1952. 280.38 W52
Fruit and vegetables.

Prices, Price Control, and Rationing

87462 HOOS, S. Statistical analysis of the annual average F. O. B. prices of canned Clingstone peaches, 1924-25 to 1951-52. Giannini Found. Agr. Econ. Mimeog. Rpt. 132,11 p. July 1952. 281.9 G34M

87463 KROSS, J. I. At what grade does it pay to sell potatoes? J. Farm Econ. 34:387-391. Aug.1952. 280.8 J822
Prices.

Processing and Storage

87464 ANGELOV, S., and others. Produit pectique "bistrine", obtenu dans les laboratoires de l'Institut Microbiologique de l'Académie Bulgare des Sciences. (In Bulgarian) Bulgarska Akad. na Nauk. Mikrobiol. Inst. Izv. 2:79-82. Ref. 1951. 448.39 B87
P. Panaiotov, I. Grigorov, and M. Marinov, joint authors.
French summary.

87465 BANTA, H. V., and BANTA, E. S. Freeze for profit. Amer. Fruit Grower 72(8):12-13. Aug.1952. 80 G85

87466 BOBÉE, G. Le conditionnement des fruits au Canada. Fruits 7:330-333. July 1952. 80 F9492

87467 BOYES, W. W., GINSBURG, L., and DE VILLIERS, D. J. R. Storage tests with plums. Farming So. Africa 27:299-302. May 1952. 24 So842

87468 CARRASCO, F., and MARTIN PANIZO, F. Obtención de acido ascórbico de frutos nacionales por medio de resinas cambiadoras. Nota preliminar. Soc. Espan. de Fís. y Quím. An. Ser. B, Quím. 47:751-758. Nov.1951. 385 So16
English summary.

87469 CAVIA, C. E., and CARUSO, S. A. Conservación de semilla de papa variedad Katahdin en la región sudeste de la Pcia. de Buenos Aires. Argentina. Dir. Gen. de Fomento Agr. B. de Prod. y Fomento Agr. 3(30):16-21. Dec.1951. 9 Ar35

87470 CROCE, F. M. Desecación de almendras. Vinos, Viñas y Frutas 46:473-477. May 1952. 9 Ag89

87471 DIEMAIR, W. Unbekanntere verfahren der fruchtsaftherstellung. (Abs.) Angew. Chem. 64:359. July 7,1952. 384 Z33

87472 DOERMANN, M. C. Canning fruits and vegetables. N. J. Agr. Col. Ext. L. 88,15 p. June 1952. 275.29 N46L

87473 DUPAIGNE, P., and BOULAY, H. Étude de l'évolution de la maturité des fruits entre la cueillette et la consommation; campagne 1951—pêches et abricots. France. Min. de l'Agr. B. Tech. d'Inform. 69:293-305. May 1952. 14 F844B

87474 FABIAN, F. W., and EISENSTAT, L. Chemical & physical factors causing bleaching of pickles. Canad. Food Indus. 23(8):30. Aug.1952. 286.83 C166

87475 FAN-ĪUNG, A. F. Production of grape juice. (In Russian.) Vinodel. i Vinograd. SSSR. 12:26-30. Jan. 1952. 95.8 V77

87476 GLERUM, J. A., and MOERMAN, J. A. S. Sterilisation values of the cold pack "weck" method with vegetables. (In Dutch.) Voeding 13:65-73. Feb.15,1952. 389.8 V85
English summary.

87477 GOBREAU, D. La conserverie algérienne de fruits et légumes. Soc. Belge d'Etudes et d'Expansion. B. 151:373-377. May/July 1952. 280.8 So17

87478 GORSLER. Zur hackfruchternte: die klimagesteuerte lüstmiete. Landwirt. Wchnbl. 142:888-889. Aug.9,1952. 18 L2338
Potatoes.

87479 GOULD, W. A. Watch these eight points to insure quality pack of cream-style corn. Food Packer 33(8):28-29,39. Aug.1952. 286.83 C165

87480 HAISMA, J. P. Storage of potatoes. III. (In Dutch.) Plattelands-Post 8(27):4. July 3,1952. 12 P69

87481 HALL, R. C. Cell-rupture closeups aid development of better dehydrated potatoes. Food Engin. 24(8):91,221. Aug.1952. 389.8 F737

87482 HARVEY, E. M., and others. Terminal market storage tests on California lemons, 1951. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 272, 8 p. June 2,1952. 1.9 P772Ht
J. S. Wiant, B. A. Friedman, H. W. Hruschka, E. P. Atrops, J. Kaufman, W. A. Radspinner, J. R. MacRill, J. H. Scanlon, and M. Bunda, joint authors.

87483 HINGORANI, M. K., and MALLA, D. S. Bacterial soft rot of onions in storage. Indian Phytopath. 4:58-59. 1951. 464.8 In2
Related to Pseudomonas marginalis.

87484 HOARE, A. H. Four types of storing. Farmer & Stock-Breeder 66(3277:45. Aug.12,1952. 10 F228
Apple storage.

87485 HOOS, S. Statistical analysis of the annual average F. O. B. prices of canned apricots, 1926-27 to 1951-52. Giannini Found. Agr. Econ. Mimeog. Rpt. 133, 9 p. July 1952. 281.9 G34M

87486 HUEBNER, J. Onions for storage. Hassadeh 32:325-326. Apr.1952. 26 H27
In Hebrew.
Israel.

87487 KELLER, G. J., RICE, R. G., and MCCOLLOCH, R. J. A low temperature concentrated tomato juice. West. Canner & Packer 44(9,i.e.8):26,28,30. Aug. 1952. 286.83 W522

87488 KNOX, R. Freezing fresh cranberries. Cranberry World 6(4):5-6. Aug.1952. 280.28 C85

87489 LEVEY, R. P. Cassava: bread of the rain forest. (In Portuguese.) Fazenda 47(7):42,54. July 1952. 6 H11P
Flour preparation.

87490 LEVEY, R. P. La yuca: pan de la selva. ICA; Indus. y Com. de la Aliment. 7(79):30-31. June 1952. 286.8 Ic1
Includes manufacture of cassava flour.

87491 LOEWEL, E. L. Der stand der kohlensäurelagerung und eine reise nach Dänemark. Obstbauversring. Mitt. 7:69-71. Apr.1952. 85 J76

87492 LOUTFI, S. E., BEDFORD, C. L., and ROBERTSON, W. F. The use of sugar and ascorbic acid in frozen Montmorency cherries. Quick Frozen Foods 14(12):55-57. Ref. July 1952. 389.8 Q4

87493 LÜTHI, H., and HOCHSTRASSER, R. Über zwei neue, gegenwärtig häufiger auftretende pilzinfektionen in der bäuerlichen süssmosterei. Schweiz. Z. f. Obst- u. Weinbau 61:301-307. (Cont.) Aug.9,1952. 80 Sch9

87494 MARAIS, J. G. The storage of potatoes on the farm. Farming So. Africa 27:271-272,280. May 1952. 24 So842

87495 MARTÍNEZ DE BILLARD, J. E. Preparacion de mermeladas. Pampa Argentina 25(294):22-23. June 1952. 9 P19

87496 MESA BERNAL, D. El jute; una extraña costumbre de preparar la papa. Agr. Trop. 8(7):37-39. July 1952. 26 Ag8
Colombia.

87497 MUNNS, S. Air purification in apple storage rooms. Refrig. J. 5(11):53. May 1952. 295.8 R255

87498 NATIONAL CANNERS ASSOCIATION. DIV. OF STATISTICS, Canned food pack statistics: 1951. Washington,D.C.,1952. 2 pts. 389.9 N214Ca
1, Vegetables; 2, Fruits.

87499 OLSON, R. L., and TREADWAY, R. H. Prepeeled potatoes for commercial use. U. S. Bur. Agr. & Indus. Chem. AIC-246(sup.1),1 p. June 1952. 1.932 A2Ag82

87500 ORSHANSKY, J. Cold storage of vegetables in Israel. Hassadeh 32:326-327. (Cont.) Apr.1952. 26 H27
In Hebrew.

87501 PEASE, R. W. Black walnuts are profitable. W. Va. Agr. Expt. Sta. B. 349(3):6-7. June 1952. 100 W52
Processing and pasteurization.

87502 PEREZ-SALAS Y LAMO DE ESPINOSA, J. ...ención de tártaros a partir de los orujos. La vinicultura española en peligro. Semana Vitivinic. 6(286): 2-3. Dec.22,1951. 95.8 Se5

87503 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Práctica de la industria tartárica. Semana Vitivinic. 7(288):2-3. Jan.5,1952. 95.8 Se5

87504 PETERMANN, R. Jams, jellies, preserves. Okla. Agr. Col. Ext. C. 460,14 p. n.d. 275.29 Ok41C

87505 PREPARING jams, jellies, preserves; advanced equipment aids manufacture of superior quality products. Food Engin. 24(8):136-139. Aug.1952. 389.8 F737
A flow chart.

87506 THE PROGRESS in vacuum cooling. Good Packaging 13(7):197-201. July 1952. 280.38 G59
Vegetables.

87507 SCHIESL, E. G. Washer earns a premium. Elect. Farm Mag. 25(7):14-15. Aug./Sept.1952. 335.8 EL27
Vegetable washing equipment.

87508 SHELOR, E., and WOODROOF, J. G. Sweet corn is excellent for freezing. South. Food Processor 13(7):17-18. July 21,1952. 389.8 So82

87509 SJO, J., and MANUEL, M. L. The marketability of Kansas-grown apples at the retail level as compared to apples grown in areas other than Kansas. Kans. Agr. Expt. Sta. Agr. Econ. Rpt. 51,16 p. Feb.1952. 281.9 K132

87510 SMITH, W. H. The commercial storage of vegetables. Refrig. J. 5(12):28,30,32-34. June 1952. 295.8 R255

87511 SMITH, W. H. Vegetable washing. Gt. Brit. Min. Agr. Agriculture 59:239-241. Aug.1952. 10 G79J

87512 SMYSER, A. A. Dole launches frozen concentrated pineapple juice. Food Engin. 24(8):72-73,169-170, 172. Aug.1952. 389.8 F737

87513 STRODTZ, N. H., BLUMER, T. E., and CLIFCORN, L. E. The retention of carotene during the canning of tomato juice. Food Technol. 6:299-301. Aug. 1952. 389.8 F7398

87514 TRI-STATE PACKERS' ASSOCIATION. 16th annual tri-state directory of vegetable-fruit-seafood processors, 1952. Easton,Md.,1952. 136 p. 225 T73

87515 U. S. BUR. OF AGRICULTURAL ECONOMICS Virginia apple processors report for 1951. Richmond, 1952. 1 p. 1.941 S8Ap52

87516 U. S. SOUTHERN REGIONAL RESEARCH LABORATORY. CITRUS PRODUCTS LABORATORY. List of publications, 1933 - 1951. U. S. Bur. Agr. & Indus. Chem. AIC-338,10 p. May 14,1952. 1.932 A2Ag82
Citrus processing.

87517 VICTORIA. DRIED FRUITS BOARD. Annual report for year ended 31st December, 1951. Melbourne, 1952. 16 p. 281.3939 V66

87518 VIGUERA LOBO, J. M., MIRALLES JIMÉNEZ DE LA ESPADA, L., and PRIMO YUFERA, E. Desionización de zumos de naranja y limon por resinas cambiadoras. Soc. Españ. de Fis. y Quím. An. Ser. B, Quím. 47:853-864. Dec.1951. 385 So16
English summary.

87519 WELCH, J., and WECKEL, K. G. The processing of maraschino style cranberries. Canner 115(6): 14-15. Aug.9,1952. 286.83 C16

87520 WERLE, E., and MAIER, L. Zur kenntnis des kallikrein-inaktivators aus kartoffeln. Biochem. Z. 322: 414-417. 1952. 384 B522

87521 WEST, C., and others. The dehydration of English fruit. Gt. Brit. Dept. Sci. & Indus. Res. Food Invest. Spec. Rpt. 56,41 p. 1952. 389.9 G792
A. C. Hulme, C. R. Furlong, and G. H. Crouch, joint authors.

87522 XANDRI TAGUEÑA, J. M. Consideraciones sobre la industria tartárica en España. II. Siembra [Madrid] 8(5):21-25. May 1952. 15 Si1
From grapes.

Statistics

87523 EICHINGER, J. Der gemüseanbau 1952 in Bayern. Bayern in Zahlen 6:206-207. June 1952. 265 B34
Statistics.

87524 PORTER, C. W., and MILLER, A. R. Maryland fruit tree census & marketing survey. Md. Agr. Col. Ext. B. 133,57 p. Mar.1950. 275.29 M368

87525 RAAB, J. Der obstbau in Bayern; ergebnisse der obstbaumzählung 1951. Bayern in Zahlen 6:168-171. May 1952. 265 B34

87526 REBOUR, H. Les plantations d'agrumes en Algérie; recoupements statistiques. Fruits et Primeurs de l'Afrique du Nord 22:251-252. June 1952. 80 F9482

87527 U. S. BUR. OF AGRICULTURAL ECONOMICS. Fruits (noncitrus); production, farm disposition, value, and utilization of sales, 1950 and 1951, by E. O. Schlotzhauer and O. M. Frost. Washington,1952. 38 p. 1.941 H8F94

87528 VIENNA. ÖSTERREICHISCHES INSTITUT FUR WIRTSCHAFTSFORSCHUNG. Vegetable farm production and productivity for 1951. Vienna,1952. 11 p. 281.3919 V67

GRAIN AND GRAIN PRODUCTS

87529 ADAMS, G. A. New laboratory methods for drying wheat gluten. Cereal Chem. 29:312-314. July 1952. 59.8 C33

87530 ARBEITSGEMEINSCHAFT GETREIDEFORSCHUNG E. V., DETMOLD. Müllerei-tagung am 19. und 20. juni 1952, im Vortragshaus der Arbeitsgemeinschaft Getreideforschung in Detmold am Schützenberg. Müllerei 5(28):1-64. July 12,1952. 298.8 M91

87531 ARGENTINA. DIRECCIÓN NACIONAL DE GRANOS Y ELEVADORES. Storage of wheat in underground silos. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:356-358. 1949,pub.1951. 279.9 Un32P

87532 ARNOVOSKY, S. I., and others. Straw pulp-wood pulp blends for various types of papers. Tappi 35: 351-356. Aug.1952. 302.8 T162
A. J. Ernst, R. J. Seidl, and R. M. Kingsbury, joint authors.

87533 ATKINSON, F. M. Reclaiming cracked wheat. Milling 119:108, 110. Aug.2,1952. 298.8 M622

87534 BASS, E. J., MEREDITH, W. O. S., and ANDERSON, J. A. Enzymes that degrade barley gums. I. Isolation from a bacterial source. Cereal Chem. 29: 262-272. July 1952. 59.8 C33

87535 BEDFORD, E. The production and supply of grain. I. Farm & Mkt. 1:11-12. Jan.1951. 280.28 F229
British grain industry.

87536 BELGIUM. INSTITUT NATIONAL DE STATISTIQUE. Resultats du recensement des emblavures d'hiver et du betail au 1er janvier 1952. Bruxelles, 1952. 15 p. 258 St22Re

87537 BENNETT, R., and COPPOCK, J. B. M. Measuring the physical characteristics of flour: a method of using the Chopin alveograph to detect the effect of flour improvers. J. Sci. Food & Agr. 3:297-307. July 1952. 382 So12

87538 BERGOMI, I. Innovations in industrial plants. (In Italian.) Riso 1(5):25-26. June 1952. 59.8 R49
Rice milling equipment.

87539 BERLINER, E. Cereal chemistry lessons for the practical miller. (In Italian.) Molini d'Italia 3:254-256,258-259. June 1952. 298.8 M73
English summary, p. 249.

87540 BRABENDER, C. W., and PAGENSTEDT, B. Einfluss von getreide- und pilz-amylasen auf die verkleisterungseigenschaften von weizenstärke. Getreide und mehl 2:73-81. Ref. July 1952. 298.8 G332

87541 BRAUN, W. Vermahlungsschwierigkeiten in roggenmühlen und ihre ursachen. Müllerei 5:494-495. July 26,1952. 298.8 M91

87542 BUNDESANSTALT FUR GETREIDEVERARBEITUNG, DETMOLD. Jahresbericht 1951/52. IV. Müllerei 5:472-473. July 5,1952. 298.8 M91

87543 BURKHART, B. A. Report on plant scale malting and brewing tests of barley varieties. Barley Impr. Conf. Rpt. 7:11-12. 1952. 59.9 M583

87544 BUYS, V. Le dosage d'humidité par les rayons infra-rouges. Meun. Franc. 70:40-43. June 1952. 298.8 M57

87545 CANADA. DEPT. OF TRADE AND COMMERCE. List of grain elevators in the western and eastern divisions, also licensed grain commission merchants, track buyers of grain and grain dealers and summary of grain loading platforms in the western division, licence year, 1951-52 as at 1st December, 1951. Ottawa,1952. 228 p. 225 C1633

87546 CANEVARO, M. Present and future of the milling industry. (In Italian.) Molini d'Italia 3:204-206, 208-209. May 1952. 298.8 M73
English summary.

87547 CARTER, C. T. The problem of grain storage. Worcestershire Agr. Chron. 20:213,215,217. June/Aug. 1952. 10 W892

87548 CHAPMAN, P. W. 87 hectolitros de maíz por hectárea. Hacienda 47(7):56,58,69. Aug.1952. 6 H11

87549 CHRISTENSEN, C. M. Molds on stored barley. Barley Impr. Conf. Rpt. 7:27-28. 1952. 59.9 M583

87550 CHRISTENSEN, C. M. Mold on stored barley. Grain & Feed J. Consolidated 109(2):19. July 23,1952. 298.8 G762

87551 CLEVE, H., and HOFFMANN, H. J. Temperaturmessung im getreidekorn. Mühle 89:435-441. July 3,1952. 298.8 M89

87552 CRAM, J. S. The Peace has more than wheat; grain and forage seeds have brought fame to Grande Prairie district. Family Herald & Wk. Star 83(30):3,11. July 24,1952. 7 F21

87553 CREA, V. Price of bread and incidence of the middleman. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(59):6-7. July 12,1952. 281.8 Ag3
Discusses the position of grain.

87554 DANNEMANN, R. Die neue getreidepreisregelung 1952/53. Landwirtbl. Weser-Ems 99:651-652. July 3,1952. 18 L2345

87555 DARI, E. M. The social basis of the wheat price. (In Italian.) Rass. dell'Agr. Ital. 7(5):6-8. May 1952. 281.8 R18

87556 DEBERRY, H. H. Panel discussion: terminal operations in the grain movement. Trans.-Mo.-Kans. Shippers Bd. Proc. 93:20-22. June 12,1952. 289.29 T68

87557 DELUCQ. Le prix du blé et le chomage. Terre d'Oc 34:213-215. June 1952. 14 Ar5

87558 DERIBERE. Le séchage infrarouge du riz et du cacao. Rev. Internatl. des Prod. Colon. 26:133. June/July 1951. 286.8 R326

87559 DEUTSCHER müllertag 1952. Deut. Müller-Ztg. 50:337-346. July 9,1952. 298.8 Su2

87560 DEVAY, J. E. A note on the effect of mold growth and increased moisture content on the free amino acids in hard red spring wheat. Cereal Chem. 29:309-311. July 1952. 59.8 C33

87561 DIENST, K. Automatische diagramme für die getreidereinigung und getreidevorbereitung. Müllerei 5(28):51-52. July 12,1952. 298.8 M91

87562 DIERCHEN, W. Die mikroflora bei roggen und weizen, ihre qualitative und quanitative bestimmung. Mühle 89:426-428. July 3,1952. 298.8 M89

87563 DIERCHEN, W. Die reduktion von janusgrün als nachweis des bakteriengehaltes bei getreide. Getreide u. Mehl 2:64-66. June 1952. 298.8 G332

87564 DREVON, B. Valeurs respectives de l'"essai Pekar" et du dosage des cendres dans l'appreciation du taux d'extraction des farines. Ann. des Falsif. et des Fraudes 45:191-195. May/June 1952. 389.8 An72

87565 DRUCE, P. C. The outlook for wheat. Agr. Gaz. N. S. Wales 63:236-240. May 1952. 23 N472

87566 DRUDE. Anatomische merkmale von stechapfelsamen und kornradesamen beim nachweis im mehl. Getreide u. Mehl 2:71-72. June 1952. 298.8 G332

87567 ESCHHAUS, K. H. Die bedeutung der mittelgriesserzeugung in modernen weizenmühlen. Müllerei 5:493-494. July 26,1952. 298.8 M91

87568 EVANS, S., STATISTICAL SERV. Grain shipments from country stations in the Prairie Provinces, August 1st., 1951 to March 31st. 1952, 2nd. report, 1951-52. Winnipeg,1952. various pagings. 286.81 Er1

87569 EVERETT, G. D. Wow! did Truman ever fool the farmers! Sat. Evening Post 225(7):30,83-84. Aug. 16,1952. 110 Sa8
Grain policy.

87570 FAINZIL'BER, E. M. Grain drying in a power-drying assembly with low potential heat. (In Russian.) Vsesoiuzn. Akad. Sel'skokhoz. Nauk im. V. I. Lenina. Dok. 17(6):45-47. 1952. 20 Ak1

87571 FARRELL, E. P., and JOHNSON, J. A. Reducing the need for malt supplement in flour milling. Nowest. Miller (Milling Prod. Sect.) 248(7):1a,3a,22a. Aug.12,1952. 298.8 N81

87572 FEDERAÇÃO NACIONAL DOS PRODUTORES DE TRIGO. Relatório e contas da gerência de 1951 [Management report and accounts, 1951]. Lisboa,1951. 37,6 p. 281.3599 F31

87573 FETZER, W. R. Methods in the starch and dextrose industry. Analyt. Chem. 24:1129-1137. Ref. July 1952. 381 J825A
Corn processing.

87574 FORMIGONI. Seasonal observations. (In Italian.) Spezia Agr. 7(7):1-2. July 1,1952. 16 Sp3
Wheat in Italy.

87575 FRITSCH, E. Die Getreidechemiker-Tagung 1952. Wiss. Müllerei, p.73-77. In Müllerei 5(30). July 26,1952. 298.8 M91
Germany.

87576 GARNATZ, G. A baking technologist thinks aloud. Nowest. Miller (Milling Prod. Sect.) 248(2):3a-8a, 10a. July 8,1952. 298.8 N81
Includes discussion of wheat and flour quality.

87577 GEDDES, W. F. Factors influencing keeping quality of grain in storage. Brewers Digest 27(7):50-51. July 1952. 390.8 B75

87578 GEDDES, W. F. Factors influencing the keeping quality of grain in storage. Barley Impr. Conf. Rpt. 7:24-26. 1952. 59.9 M583

87579 GIANNI, E. Straw pulp and paper. (In Italian.) Indus. della Carta 6:70-71. June 1952. 302.8 In22

87580 GOLDENSTEIN, H. B. Die windmühlen. Mühle 89:399-400. June 26,1952. 298.8 M89

87581 GOODMAN, J. J., and CHRISTENSEN, C. M. Grain storage studies. XI. Lipolytic activity of fungi isolated from stored corn. Cereal Chem. 29:299-308. Ref. July 1952. 59.8 C33

87582 GÖPP, K. Über entwicklung, stand und ernteaussichten der sommergerste. Brauwelt 28:613-616. July 10,1952. 390.8 B732
Germany.

87583 GÖPP, K. Über entwicklung, stand und ernteaussichten der sommergerste. Brauwelt 29:637. (Cont.) July 17,1952. 390.8 B732
Germany.

87584 GOUVEA, S. DE. Why do we not consume our wheat? (In Portuguese.) Granja [Porto Alegre] 8 (60/61):15-16. Mar./Apr.1952. 9.2 G76
Brazil.

87585 GRAIN & FEED JOURNALS CONSOLIDATED. Grain trade buyers guide, No. 8, 1952. Chicago,1952. 71 p. 225 G765

87586 GREER, E. N. The work of a cereal chemist. Biscuit Maker & Plant Baker 3:180-182,207. June 1952. 389.8 B54
Tests and grading.

87587 HACHMANN, W. Die vollautomatische kleinmühle. Mühle 89:503. July 31,1952. 298.8 M89

87588 HANNAN, T. B. Home-grown wheat in Ireland; handling—impurities—moisture content—heating. Milling 119:115-116. Aug.2,1952. 298.8 M622

87589 HARTARD EBERT, M. Transporte interno de trigo y harina. Campesino [Santiago] 84(5):33. May 1952. 9.3 So12
Statistics for Chile.

87590 HEDGES, H. Using your co-op elevator. U. S. Farm Credit Admin. C. E-8,rev.,12 p. 1952. 166.2 C4926

87591 HELD, G. Vorschlag zur erweiterung der malzuntersuchung im betriebslaboratorium. Brauwelt 32:708-713. Aug.7,1952. 390.8 B732

87592 HESS, K. Müllerei und forschung. Deut. Müller-Ztg. 50:370-374. July 23,1952. 298.8 Su2

87593 HESS, K. Müllerei und forschung. Mühle 89: 428-431. July 3,1952. 298.8 M89

87594 HOFFMANN, H. J. Trocknung und behandlung von getreide und getreideprodukten durch infrarote strahlen. Müllerei 5:481-482. July 19,1952. 298.8 M91

87595 HOLME, J., and SPENCER, E. Y. Studies on some aspects of flour improvement. Cereal Chem. 29: 251-261. Ref. July 1952. 59.8 C33

87596 HOLZAPFEL, F. Die bedeutung der mittelständischen mühlen. Müllerei 5:459-460. July 5,1952. 298.8 M91
Germany.

87597 HOLZAPFEL, F. Die bedeutung mittelständischer mühlen in der volkswirtschaft. (Abs.) Deut. Müller-Ztg. 50:343. July 9,1952. 298.8 Su2

87598 HOPF, L. Die schleuder mit doppelverwendung als schalen- und griessschleuder. Müllerei 5:485. July 19,1952. 298.8 M91

87599 HOPF, L. Die vorteile der mehrsieb-griessputzmaschine. Müllerei 5:509-510. Aug.2,1952. 298.8 M91

87600 HORLACHER, M. Getreidebewegung im wirtschaftsjahr 1952/53. Landwirt. Wchnbl. 142:776. July 12,1952. 18 L2338
Germany.

87601 HUTCHINSON, J. B., and MARTIN, H. F. The measurement of lipase activity in oat products. J. Sci. Food & Agr. 3:312-315. July 1952. 382 So12

87602 JAUMES, L. Le prix du blé. Bouches du Rhône Agr. 24(1076):1. June 15,1952. 14 B662

87603 JONES, C. R., and BAKER, G. J. Exposed germ in wheat; a factor in washer foam production. Cereal Chem. 29:273-281. July 1952. 59.8 C33
Foaming test.

87604 JONGH, G. Dutch wheat; the baking value of wheat meal. Milling 119:82,84,86. July 26,1952. 298.8 M622

87605 JOOP, W. Anwendungsmöglichkeiten der pneumatik für die reinigung von körnerfrüchten, insbesondere von getreide. Mühle 89:431-434. July 3,1952. 298.8 M89

87606 JOOP, W. Feuer- und explosionssicherheit in mühlen mit pneumatischer passagenförderung. Deut. Müller-Ztg. 50:345-346. July 9,1952. 298.8 Su2

87607 KAIHARA, H. Comparative storage-tolerance of some cereal grains in Japan. Ohara Inst. f. Landwirt. Forsch. Ber. 9:435-440. 1951. 107.6 Oh1

87608 KAMER, J. H. VAN DE, and GINKEL, L. VAN. Rapid determination of crude fiber in cereals. Cereal Chem. 29:239-251. Ref. July 1952. 59.8 C33

87609 KASTENMÜLLER, S. Ein neuer weg zur messung der getreidefeuchtigkeit. Müllerei 5:470-471. July 5,1952. 298.8 M91

87610 KIK, M. C. Determinación del grado del pilado por procedimientos fotoeléctricos. Agr. Mod. 5(8):4-5, 16. Mar.1952. 6 Ag8
Rice.

87611 KLASING, W. Der Deutsche Müllerbund im dienste der klein- u. mittelmühlen. Deut. Müller-Ztg. 50:339,342. July 9,1952. 298.8 Su2

87612 KLIMMEK, H. Kunststeine neuerer konstruktion. Müllerei 5:418-419. (Concl.) June 28,1952. 298.8 M91

87613 KNAUFF, O. Ausmahlprobleme. Mühle 89: 419-422. July 3,1952. 298.8 M89

87614 KOSTER, P. Die absackbühne. Mühle 89:455. July 10,1952. 298.8 M89

87615 KRANZ, W. Aufbereitung und verwertung des getreidekeims. II. Müllerei 5:484. July 19,1952. 298.8 M91

87616 KRANZ, W. Aufbereitung und verwertung des getreidekeims. III. Müllerei 5:514. Aug.2,1952. 298.8 M91
Installment gives patents.

87617 KÜHN, C. Was war? Was ist? Was wird? Mühle 89:415-417. July 3,1952. 298.8 M89
Includes discussion.
Germany.

87618 KÜHNE, P. F. Bestimmung des wassergehaltes. Deut. Müller-Ztg. 50:310-311. June 25,1952. 298.8 Su2

87619 LAUTE. Kritische betrachtungen zur frage der ostmühlen-eingliederung. Mühle 89:464-465. July 10,1952. 298.8 M89
Germany.

87620 LAUTE. Missbrauch der bezeichnung "auszugsmehl." Mühle 89:384. June 19,1952. 298.8 M89
Germany.

87621 LENGERER, E. Wege zur kundenwerbung; die reklame des müllers. Müllerei 5:429-430. June 28, 1952. 298.8 M91
Flour.

87622 MCIVOR, G. H. How the Canadian Wheat Board operates. Nowest. Miller 248(6):28,32,40-41. Aug.5,1952. 298.8 N81

87623 MCNEAL, X. Rice, aeration, storage, and conditioning. Ark. Farm Res. 1(2):3. Summer 1952. 100 Ar42F

87624 MADIA, G. Problems of the rice industry. (In Italian.) Molini d'Italia 3:213-214. May 1952. 298.8 M73
English summary.

87625 MAES, E., and PIETERMAAT, F. P. High frequency heating. Milling 119:54,56-57. July 19,1952. 298.8 M622
Flour processing.

87626 MAHLER, O. Die müllerei im getreidewirtschaftsjahr 1951/52. Deut. Müller-Ztg. 50:300-301,311. June 25,1952. 298.8 Su2

87627 MÄNDL, B. Braugerste und extraktermittlung. Brauwelt 27:594-596. July 3,1952. 390.8 B732

87628 MARTENS, A. Plus encore que d'éléments économiques, le prix du froment dépend de facteurs politiques. Sillon Belge 22(517):5. July 12,1952. 13 Si3

87629 MAZZEI, E. Consumption of Government wheat on the part of the milling industries during February-May 1952. (In Italian.) Molini d'Italia 3:199-202. May 1952. 298.8 M73
English summary.

87630 MEDEL. Aschen und ausbeuten der passagenmehle in der weizenmüllerei. Mühle 89:380-381. (Concl.) June 19,1952. 298.8 M89

87631 MELLAERTS, J. F. De l'influence des courants de haute fréquence sur l'orge. Louvain. U. Assoc. des Anciens Etud. en Brasserie. B. 48:61-78. June 1952. 390.9 L93

87632 MEYER, F. Feuchtigkeitsbestimmung des getreides. Deut. Landwirt.-Gesell. Mitt. 67:485-486. July 5,1952. 18 N39

87633 MILAN. ASSOCIAZIONE GRANARIA. Annuario 1952 [1952 annual]. Milano,1952. 124 p. 286.3599 M582

87634 MIRANDA, G. DE. Corn. (In Portuguese.) Seleç. Agr. 7(73):82,84. May 1952. 9.2 Se4
Brazil.

87635 MORSINK, G. H. Classification of summer barley. (In Dutch.) Cent. Bur. Meded. 36:72-74. June 1952. 12 N287
Netherlands.

87636 MÜLLER, W. Der umstrittene Cif-preis. Müllerei 5:497-498. July 26,1952. 298.8 M91
Germany.

87637 MURRAY, R. E. W. Influence of atmospheric humidity on mill operations. Milling 119:90,92. July 26,1952. 298.8 M622

87638 NEBRASKA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Grain is food, keep it clean! Nebr. Agr. Col. Ext. C. C. 114,4 p. May 1952. 275.29 N272Ex
Control of rats.

87639 NEITZERT, K. Die kontrolle der getreidevorbereitung. Mühle 89:441-442. July 3,1952. 298.8 M89

87640 NEUHAUS, A. Neue mühle am Niederrhein. Mühle 89:379-380. June 19,1952. 298.8 M89

87641 NEUMANN, H. Gewinnung, zusammensetzung und verarbeitung von polyvitamin-konzentrat aus getreidekeimen. Seifen-Öle-Fette-Wachse 78:327-329. (Concl.) June 18,1952. 307.8 Se4
Wheat germ.

87642 OLSON, O. L. A miracle of cooperation. GTA Digest 12:13-16. Jan.1952. 280.28 G11
Farmers Union Grain Terminal Association.

87643 PAGNON, R. Pour une politique française du riz. Marchés Colon. du Monde 8:2094-2095. (Cont.) Aug.2,1952. 286.8 M33

87644 PEEL, W. L. Forecasting wheat milling quality. Nowest. Miller (Milling Prod. Sect.) 248(7):5a-9a. Aug.12,1952. 298.8 N81

87645 PELSHENKE, P. Aktuelle technische probleme der müllerei des in- und auslandes. (Abs.) Deut. Müller-Ztg. 50:343. July 9,1952. 298.8 Su2

87646 PELSHENKE, P. F., and SCHÄFER, W. Mahl- und backversuche mit Manitoba-weizen 5. Mühle 89:483-484. July 24,1952. 298.8 M89

87647 PELSHENKE, P. F., and SCHULZ, A. Über die möglichkeiten der verbesserung der backfähigkeit der mehle durch die alpha-amylase. Mühle 89:445-447. July 3,1952. 298.8 M89

87648 PERSICO, L. High and low milling—technical criteria in classifying mills. (In Italian.) Molini d'Italia 3:210-212. May 1952. 298.8 M73
English summary.

87649 PHILLIPS, S. W. An analysis of price spreads for white bread. Bakers Wk. 155(7):37-42. Aug.18,1952. 389.8 B172
Includes discussion of the farmer's share and grain prices.

87650 RADLEY, J. A. The chemistry and physics of macaroni products. I. Food Mfr. 27:327-331. Ref. Aug. 1,1952. 389.8 F736
Includes wheat quality.

87651 RAMPINI, F. Considerations of present problems. (In Italian.) Riso 1(5):3-4. June 1952. 59.8 R49
Rice marketing and the Ente Nazionale Risi.

87652 ROHRLICH, M., and BRÜCKNER, G. Ergebnisse einer gemeinschaftsuntersuchung über die bestimmung des wassergehaltes in getreide und getreideprodukten. Mühle 89:457-458. July 10,1952. 298.8 M89

87653 ROHRLICH, M., and BENISCHKE, H. Untersuchungen über die entstehung des bitteren hafers. Mühle 89:425-426. July 3,1952. 298.8 M89

87654 ROOT, W. Weevil holes not in grade phraseology. Grain & Feed J. Consolidated 108(11):22-23. June 11,1952. 298.8 G762

87655 RUPPERT, A. Die ersten untersuchungsergebnisse von gersten der ernte 1952. Brauwelt 32:713-714. Aug.7,1952. 390.8 B732
Analysis in Germany.

87656 RUPPERT, A. Untersuchungsergebnisse der im ersten vierteljahr 1952 untersuchten malze. Brauwelt 23:504-506. June 5,1952. 390.8 B732

87657 RÜTER, R. Verfahren zur steigerung der roggenmehlausbeute. Müllerei 5(28):38. July 12,1952. 298.8 M91

87658 SCHAFER, W. Untersuchungen über die dampfbehandlung von weizen. Mühle 89:442-445. July 3,1952. 298.8 M89

87659 SCHAFFRANEK, F. Getreideschutz durch neuzeitliche landwirtschaftliche lagerhäuser. Mühle 89: 499-500, July 31,1952. 298.8 M89

87660 SCHMID, C. Pneumatische getreidereinigung in der praxis. Mühle 89:434-435. July 3,1952. 298.8 M89

87661 SCHMID, C. Praktische erfahrungen mit pneumatischer getreidereinigung. Deut. Müller-Ztg. 50: 302-303,321. June 25,1952. 298.8 Su2
Equipment.

87662 SCHREIBER, A. A., and MCCLELLAN, D. B. Determination of insecticide residues; analysis of flour from pyrethrum-treated cotton bags. Analyt. Chem. 24: 1194-1195. July 1952. 381 J825A

87663 SCHULZ, A. Beeinflussung des keimgehaltes von weizen durch wäsche und schälung. Getreide u. Mehl 2:62-64. June 1952. 298.8 G332

87664 SCHULZ, E. Eine ausbeutetafel, für jede aschekurve verwendbar herzurichten. Mühle 89:377-378. June 19,1952. 298.8 M89

87665 SCHULZ, E. Verbundmüllerei und ausbeuterrechnung. Mühle 89:417-419. July 3,1952. 298.8 M89
Germany.

87666 SCHUSTER, K. Die kleinmälzungsanlage im Chemisch-technologischen Institut Weihenstephan. Brauwelt 30:663-665. July 24,1952. 390.8 B732

87667 SEBESTYEN, E. J. The problem of grain handling & storing in Egypt. II. Égypte. Agr. 50(397): 3-10. Jan./Feb.1952. 24 Un32

87668 SEEBORG, E. F., and BARMORE, M. A. The influence of milling moisture on flour yield, flour ash and milling behavior of wheat. Nowest. Miller (Milling Prod. Sect.) 248(2):1a,14a-17a. July 8,1952. 298.8 N81

87669 SHELLENBERGER, J. A., and FENTON, F. C. Underground grain storage. Nowest. Miller (Milling Prod. Sect.) 248(2):3a,10a-14a. July 8,1952. 298.8 N81

87670 SILLION, M. Un tour d'horizon sur la technologie rizicole et son application en France et en Union Française. Rev. Internatl. des Prod. Colon. 27:109-111. May 1952. 286.8 R326

87671 SMITH, J. B. Sanitation in grain handling. Trans-Mo.-Kans. Shippers Bd. Proc. 93:14-15. June 12, 1952. 289.29 T68

87672 SNODGRASS, D., and HARRINGTON, A. H. Supply and disposition of Pacific Northwest wheat. Wash. Agr. Expt. Sta. C. 196,7 p. July 1952. 100 W27S

87673 STALEY, A. E., JR. Supply and price prospects for corn products. (Sum.) N. C. A. Bulletin 27(2): 9. Apr./June 1951. 389.9 N215Bu

87674 STEIN, S. Some biochemical aspects of the malting process. Brewers Digest 27(7):45-46,54. July 1952. 390.8 B75

87675 SULLIVAN, B. The reaction of flour proteins with surface active compounds. Cereal Chem. 29:282-291. July 1952. 59.8 C33

87676 SURE, B. The relative values of the proteins in cereal grains. Ark. Farm Res. 1(2):4. Summer 1952. 100 Ar42F

87677 SUTEAU, A. Le problème du blé. Agriculture [Paris] 16:156-160. June 1952. 14 Ag823
Includes discussion.
Varieties and milling quality.

87678 SVENSON, J. Zur frage der mehlbleichung. Deut. Müller-Ztg. 50:348-349. July 9,1952. 298.8 Su2

87679 U. S. BUR. OF AGRICULTURAL ECONOMICS. Farm stocks of grains, oilseeds, and hay; revised estimates, 1944-51, by States. Washington,1952. 28 p. 1.941 H2C816

87680 U. S. PRODUCTION AND MARKETING ADMIN. Wheat growers can protect crop values by orderly marketing. U. S. D. A. PA-206,2 p. June 1952. 1 Ag84Pro

87681 WEISS. Das getreidewirtschaftsjahr 1952/53. Württemb. Wchnbl. f. Landwirt. 119:603. July 5,1952. 18 W96

87682 WHISTLER, R. L., and TU, C. C. Isolation and properties of a series of crystalline oligosaccharides from xylan. Amer. Chem. Soc. J. 74:3609-3612. July 20,1952. 381 Am33J
Xylan from corncob cellulose.

87683 WHITBY, K. T. Recovery of low-ash stocks with an air-jet separator. Nowest. Miller 248(8):22. Aug.19,1952. 298.8 N81

87684 YOKOO, M. Decontrol of barley, wheat, etc. and agricultural co-operatives. (In Japanese.) Nōrin Jihō 11(5):6-8. May 1952. 22.5 N772

87685 YOUNG, A. W. Grain crops in Texas. Tex. Agr. Workers' Assoc. Proc. 24:35-40. 1951. 4 T314

87686 ZANNONI, I. Present grain problem and recent cultural trends. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:240-242. June 1952. 16 C72

87687 ZEUMER, H. Chemischer nachweis von DDT und hexa in getreide und mehl vor und nach der reinigung. Mühle 89:501-502. July 31,1952. 298.8 M89

87688 ZIRKEL, H. Über die anwendung des "VG-Schlauchsondenverfahrens" und der "delicia-begasung" in silozellen. Mühle 89:381-382,395. (Concl.) June 19-26,1952. 298.8 M89
Grain storage.

HONEY AND BEESWAX

87689 ANDERSON, E. J. Honey, its uses and properties. Pa. Beekeeper 27(2):17-18. June 1952. 424.8 P38

87690 AUSTRALIAN HONEY INSTITUTE. Manager's annual report, 1952. Australas. Beekeeper 53:304-305. June 15,1952. 424.8 Au72

87691 BRICENO PARILLI, M. A. Conceptos: la miel de abejas como alimento del hombre en la antiguedad. Agr. Venezol. 16(153):33-34. Nov./Dec.1951. 9.95 Ag8

87692 DEYELL, M. J. Selling honey at the roadside. Gleanings Bee Cult. 80:534-535,572,575. Sept.1952. 424.8 G47

87693 DOPKE, H. Der wert des heimischen honigs. Nordwestdeut. Imkerztg. 4:224. July 1952. 424.8 N753

87694 SCHMIDT, A. Bienenerzeugte heilstoffe im honig. Deut. Bienenwirt. 3:38-39. Feb.1952. 424.8 D489

87695 SMITH, H. G. Preparation of beeswax for market: raising the standard of quality. Agr. Gaz. N. S. Wales 63:252-254. May 1952. 23 N472

87696 WALDRON, C. B. Roadside honey selling. Pa. Beekeeper 27(2):9-11. June 1952. 424.8 P38

LIVESTOCK AND LIVESTOCK PRODUCTS

87697 ALEXANDER, M. A., DERRICK, W. W., and FOUTS, K. C. Farm sheep facts. Nebr. Agr. Col. Ext. E. C. 255,64 p. May 1952. 275.29 N272Ex

87698 AMERICAN MEAT INSTITUTE FOUNDATION. Annual report; an outline of research during the fiscal year 1950-1951. Amer. Meat Inst. Found. B. 14,48 p. Jan.1952. 50.9 Am322

87699 BARNES, G. W. Fifty years of cattle. Tex. Agr. Workers' Assoc. Proc. 24:59-62. 1951. 4 T314
Beef cattle; includes mesquite control.

87700 BECKMAN, H. J. No longer a sideline—most California swinemen devote full time to improving industry. West. Livestock J. 30(42):99-100. July 15,1952. 6 F2278

87701 BIEN, C., and GOULD, M., comp. Tropical beef cattle industry in the Western Hemisphere. U. S. D. A. Bibliog. B. 19,157 p. May 1952. 1 Ag84Bi

87702 BONY. Le problème de la viande. Coopération 22:20-25. June 1952. 280.28 C7845
France.

87703 BRAUSE, L. A. Mejoras básicas para el desarrollo pecuario del Uruguay. (Sum.) Uruguay. Min. de Ganad. y Agr. B. Inform. 417:7-10. May 29,1952. 9.9 G15B

87704 BURMEISTER, C. A. The cattle situation and outlook. N. Mex. Stockman 17(8):15,100-102. Aug.1952. 49 N462

87705 CHERVINSKII, V. Problems in the development of livestock production in the districts of the great projects of communism. (In Russian.) Voprosy Ekon. 5: 108-111. May 1952. 280.8 V89

87706 CHOMSE. Tiere als rohstofflieferanten. Tierzucht 5:373-375. Dec.1951. 49 T443

87707 COCKER, P. J. Meat shortage. (In Afrikaans.) Landbouweekblad 34(1722):17. July 16,1952. 24 L232
Union of South Africa.

87708 COFFEE, H. B. The cattleman's heritage at stake. Nebr. Cattleman 8(11):23-24,81-82. July 1952. 43.8 N27

87709 CONVEGNO NAZIONALE DEL CUOIO, 3, NAPLES, 1952. Summary of communications. (In Italian) Italy. Staz. Sper. per l'Indus. delle Pelli e delle Materie Conclanti. B. 28:249-256. May 1952. 303.8 It1

87710 CROW, N. R. Meat production & the future. West. Livestock J. 30(37):35,48,50. June 15,1952. 6 F2278
The beef cattle industry.

87711 DAS, B. M. Leather research. Tanner 7:12-14. (Cont.) June 1952. 303.8 T15

87712 DENON, R. The Spanish Plain in the increase of livestock in the high Lario. (In Italian.) Humus 8(4): 7-8. May 1952. 16 H88

87713 DUCK, R. W. The swing to beef cattle. Rur. New-Yorker 102:530. Aug.1952. 6 R88

87714 FANNING, J. W. Where are we in this beef cattle business? South. Livestock J. 12(2):6,8,70-71. Aug.1952. 43.8 F66A
Southern States.

87715 GALINDO, F. La ganadería y la economía patria. An. de Econ. Pecuaria 1(2):33-36. Apr.1952. 41.9 An1
Spain.

87716 GARDNER, B. W., JR. Animal products—a program of investigation. Assoc. Food & Container Inst. Activ. Rpt. 4:106-112. Second Q.1952. 389.9 As74A

87717 GENERALOV, F. S. Practices for timely fulfillment of the Three-Year Plan of public livestock development. (In Russian.) Sovet. Zootekh. 7(3):3-8. Mar. 1952. 49 So822

87718 GRAHAM, J. W. Fill up our empty acres; Canada should have three million sheep or one to every five people. Farmer's Mag. 49(8):9. Aug.1952. 7 C165

87719 HYLKEMA, M. K. Revirement dans les résultats de l'élevage? (In Dutch.) Econ.-Statis. Ber. 37:541-543. July 16,1952. 280.8 Ec722
French summary, p. 535.
Livestock situation in several European countries.

87720 JAUME, J. Economía balear. Cult. Mod. 35: 209. June 1952. 15 C89
The livestock industry.

87721 JUSSIANT, A. Elevage et plan décennal dans la Province de l'Equateur. Soc. Belge d'Etudes et d'Expansion. B. 151:429-431. May/July 1952. 280.8 So17

87722 LAMAS, E. Fundamentos para la planificación del bañado Carrasco en la producción de pieles de nutrias (myocastor coypus). Banco Hipotecario del Uruguay. B. (ser.2)50:5-12,72. (Cont.) Jan./Mar.1952. 284.9 B2267

87723 LINN, S. In two minds about beef. Farmers Annu. 1952:30-31. 10 F2237
Beef cattle industry in Great Britain.

87724 LIPS, H. J. Lard in Canada. I. Canad. Food Indus. 23(8):16-18. Aug.1952. 286.83 C166
The industry.

87725 MALBRANT, R. Perspectives du développement de l'élevage en A. E. F. Rev. Internatl. des Prod. Colon. 27:128-131. June/July 1952. 286.8 R326

87726 MAUQUOY, A. L'évolution du marché de la viande durant l'année 1951. Rev. de l'Agr. 5:684-714. July 1952. 13 R322
English summary.
Belgium.

87727 MISSIO, F. Livestock trends in Polesine. (In Italian.) Agr. delle Venezie 6:263-266. June 1952. 16 Ag826

87728 MORSE, T. D. Is beef due for a bump? Farm J. 76(9):40-41. Sept.1952. 6 F2212

87729 MOWRY, R. C. Sheep and goats. Tex. Agr. Workers' Assoc. Proc. 24:63-66. 1951. 4 T314
The industry in Texas.

87730 NARANJO BATMALE, F. Industrias ganaderas en perspectiva. B. de Divulg. Ganad. [Ciudad Real] 7(67/69):5-15. Jan./Mar.1952. 49.9 Sp14

87731 NEDERLANDSE BOND VAN VEEHANDELAREN. AFDELING FRIESLAND. Report. (In Dutch.) Vee- en Vleeshandel 37:230-231. June 17,1952. 286.85 V51

87732 NEWELL, P. Keep the cows. Prog. Farmer, Miss.-Ark.-La. Ed. 67(8):18. Aug.1952. 6 So81
Cattle situation and outlook.

87733 NICOULEAU, J. Quelques aspects du problème de la production de viande. Tarn-et-Garonne Agr. 15:44-45. (Cont.) Mar.1952. 14 T17

87734 OLIVEIRA, A. T. DE. El problema de la carne en Brasil. Asoc. Rur. del Uruguay. Rev. 79(6):24-25. June 1952. 9.9 As5

87735 PEXTON, L. M. Livestock conditions--past, present and future. U. S. Livestock Sanit. Assoc. Proc. 55:34-38. 1951,pub.1952. 49.9 Un3R

87736 POLLOCK, R. C. Progress in the meat program. West. Livestock J. 30(42):35,59. July 15,1952. 6 F2278
Program of the National Livestock and Meat Board.

87737 RABINOVICH, M., and MASALKIN, N. Some problems in the economics of the livestock industry on the collective farms in Molotov Region. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(4):36-44. Apr.1952. 281.8 So73

87738 RICE, W. J. Pioneer cattlemen lived a rugged, colorful life. Natl. Live Stock Prod. 30(10):6,15. Aug.1952. 280.38 N21

87739 SAUHEITL, A. Der sonderplan zum aufbau einer produktiven viehwirtschaft in den jahren 1952/53. Tierzucht 6:146-148. May 1952. 49 T443
Russian Zone.

87740 USERA, V., JR. El problema ganadero. II. Rev. del Café 7(12):5. June 1952. 8 R3295
Puerto Rico.

87741 WILSON, F. S. Efficient production and a quality product still pays off. Mont. Stockgrower 24(5): 64-65,68-69. May 12,1952. 49 M76
Beef cattle production.

87742 WIMMER, F. X. Kein anspruch auf entschädigung für tiere, welche nach der behördlichen tötungsanordnung verendet sind. Wien. Tierärztl. Monatsschr. 39:428-429. July 1952. 41.8 T345

87743 WIMMER, F. X. Kein entschädigungsanspruch, wenn personen ohne auftrag oder ermächtigung der veterinärbehörde die tötung vorgenommen haben. Rechtzeitigkeit der seuchenanzeige. Wien. Tierärztl. Monatsschr. 39:425-428. July 1952. 41.8 T345

87744 ZAVERTANNYI, A. A. Achievements of Parkhomenko Kolkhoz [in Zhashkovskii District, Kiev Region]. (In Russian.) Sotsialist. Zhivotnovod. 14(2):42-47. Feb. 1952. 49 So71
Three-Year Plan for livestock.

87745 ZVIAGINTSEV, IA. Changes in the economics of collective farm livestock industry in the once again irrigated and supplied with water districts of Rostov Region. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(4):26-35. Apr.1952. 281.8 So73

Analysis and Composition

87746 AMERICAN LEATHER CHEMISTS ASSOCIATION. ALCA abstracts. Leather Mfr. 63(6):29-37. June 1952. 303.8 L484

87747 CARTER, J. C., and KANAGY, J. R. Development of a flex-tension test for leather. (Abs.) Leather Mfr. 63(6):35-36. June 1952. 303.8 L484

87748 CHAMBARD, P. Les propriétés physiques et mécaniques du cuir à semelles et leur détermination. B. de l'Assoc. Franç des Chim. des Indus. du Cuir et Doc. Sci. et Tech. des Indus. du Cuir 14:91-99. Apr./June 1952. 303.8 B87

87749 CHANG, I. C. L., and WATTS, B. M. The fatty acid content of meat and poultry before and after cooking. Amer. Oil Chem. Soc. J. 29:334-338. Ref. Aug.1952. 307.8 J82

87750 HALL, R. H. Energy and entropy effects on the elasticity of collagen fibres. Soc. Leather Trades' Chem. J. 36:137-148. Ref. May 1952. 303.9 So12

87751 HERNANDEZ-GUTIERREZ, F. Sobre el empleo de nitratos y nitrilos en la preparación de conservas de carne y derivados y su determinación analítica. Soc. Espan. de Fís. y Quím. An. Ser. B, Quím. 47:649-652. Sept./Oct.1951. 385 So16

87752 LAMPITT, L. H., BAKER, L. C., and BROWN, K. P. Connective tissue of meat. I. Separation and determination. J. Sci. Food & Agr. 3:367-378. Ref. Aug.1952. 382 So12

87753 THIEL, H. Zur berechnung des fremdwassers in würsten beim vorliegen von streckungsmitteln. Z. f. Lebensmtl.-Untersuch. u. Forsch. 94:409-412. June 1952. 384.Z39

87754 VIOLANTE, A. M., SIRNY, R. J., and ELVEHJEM, C. A. The aspartic acid, glutamic acid, proline and tyrosine content of meat. J. Nutr. 47:307-315. Ref. July 10,1952. 389.8 J82

87755 WEIR, C. E. Physical and physico-chemical constants of leather and collagen. Soc. Leather Trades' Chem. J. 36:155-163. Ref. May 1952. 303.9 So12

87756 WIEDERHORN, N. M., REARDON, G. V., and BROWNE, A. R. Studies concerned with the structure of collagen. III. (Abs.) Leather Mfr. 63(6):32. June 1952. 303.8 L484

87757 WIENER, A. S. Precipitin test for horse-meat and beef. Lab. Digest 15(13):15,17. June 1952. 448.8 Li1

Consumption and Utilization

87758 FLAY, A. H. Meat for Britain; heavy-weight or light-weight fat lambs. Rur. Educ. B. 7:46-48. May 1952. 109 C162
Production adjustments in New Zealand and eating habits of the British consumer.

87759 JACOBSEN, N. A. Young tender beef preferred. Mont. Stockgrower 24(5):18-19. May 12,1952. 49 M76

Distribution, Marketing, and Transportation

87760 BAUER, M. Get full profits from lambs through sound marketing. Co-op. Shipper 32(8):8-9. Aug.1952. 280.38 C78

87761 BERESFORD, R. Are you buying your feeders right? Country Gent. 122(8):19,46-47. Aug.1952. 6 C833

87762 BLAKE, R. W. The "air beef" scheme in Northwest Australia. Canad. Cattlemen 15(6):30. June 1, 1952. 49 C16

87763 DAVIDSON, J. Finding a solution to marketing problems. MacDonald Col. J. 12(11):10. July 1952. 101 M144
Livestock marketing in Quebec.

87764 FOXLEY, W. J. The inside story. Corn Belt Livestock Feeder 4(10):10-11. Ref. July 1952. 280.38 C81
The beef cattle market.

87765 GHISLENI, P. A legal provision puts too much value on the antiquated and imperfect list of usages sanctioned by individual chambers of commerce on the question of buying and selling animals in agriculture. (In Italian.) Prog. Vet. 7:444,446,448. July 1,1952. 41.8 P942
Italy.

87766 MCNEELY, J. G. The livestock auction sale; Texas farmers and ranchers find the auction barn a convenient market place. Humble Farm Family 9:6-8. June 1952. 6 F233

87767 PLATE, R. Vorausschau auf den schweinemarkt. Agrarwirtschaft 1:215-219. Aug.1952. 281.8 Ag826
Germany.

87768 SCHOTT, R. A. The advertising question. Small Stock Mag. 36(8):36. Aug.1952. 48.8 P442
Rabbits for meat.

87769 STEVENS, I. M. Wyoming livestock auctions. Wyo. Agr. Expt. Sta. B. 315,56 p. May 1952. 100 W99

87770 STICHTING ECONOMISCH INSTITUUT VOOR DEN MIDDENSTAND. Statistiek voor het slagersbedrijf [Statistics from the slaughtering industry] XIV (1949/1950). 's-Gravenhage,1951. 109 p. 50.9 St5
Chiefly on meat marketing and meat export.

87771 U. S. PRODUCTION AND MARKETING ADMIN. Salable receipts of livestock at public markets, in order of volume, 1951. Washington,1952? 2 p. 1.956 L75Sa3
Also total receipts.

87772 VINCENT, B. A badly needed college for teaching cattle merchandising. Ranchman 12(2):23,51-52, 54-55. June 1952. 49 R15

Grading, Inspection, Standardization, and Quality

87773 ALEXANDER, L. M., and HANKINS, O. G. Yield and quality of cooked edible portion of smoked hams. Amer. Dietet. Assoc. J. 28:636-639. July 1952. 389.8 Am34

87774 CHRISTENSON, I. The importance of modern quarantine stations and of import and export control of animals and animal produce. Internatl. Vet. Cong. Rpt. 14(3):344-351. 1949,pub.1952. 41.9 In844
Includes discussion.

87775 FREITAS, H. DE. Classification of hides and skins. (In Portuguese.) Seleç. Agr. 7(73):78,80. May 1952. 9.2 Se4

87776 JACOBSEN, N. A. Heavy lambs? Mont. Wool Grower 26(8):9. Aug.1952. 45.8 M762

87777 KEMP, J. D., BULL, S., and TERRILL, S. W. The effect of three formulations of benzene hexachloride on the flavor of pork. J. Anim. Science 11:491-495. Aug.1952. 49 J82

87778 LABOUCHÈRE, P. C. The importance of quality bonuses for bacon raising. (In Dutch.) Ons Friese Platteland 6(279):2. July 9,1952. 16 On7

87779 MCCALLAM, J. A. Control in the United States of animal products intended for human consumption. Internatl. Vet. Cong. Rpt. 14(3):319-325. 1949,pub. 1952. 41.9 In844

87780 MANTOVANI, M. Meat poisoning and inspection. (In Italian.) Prog. Vet. 7:453-454,456-458,460. July 1,1952. 41.8 P942

87781 MOHLER, J. R. The inspection stamp as a guide to wholesome meat. U. S. D. A. Agr. Inform. B. 92,23 p. May 1952. 1 Ag84Ab
Formerly Miscellaneous Circular 63.

87782 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. The quality grading of pigs. North. Ireland. Min. Agr. Mon. Agr. Rpt. 27:107-111. Aug.1952. 256.13 Ag82M

87783 PALS, C. H. Handling of meat in an emergency. Pub. Health Rpt. 67:642-643. July 1952. 151.65 P96
Regulation and contamination.

87784 U.S. LIVESTOCK SANITARY ASSOCIATION. COMMITTEE ON MEAT AND MILK HYGIENE. Report. U.S. Livestock Sanit. Assoc. Proc. 55:93-97. 1951,pub. 1952. 49.9 Un3R
O. Sussman, chairman.

Prices, Price Control, and Rationing

87785 SOMMERKAMP. Sorgen um die preisentwicklung auf den schlachtviehmärkten. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1097-1098. July 17,1952. 18 L2346

Processing and Storage

87786 BROADBENT, M. Locker and home freezer cooperation for quality meats. (Extr.) West. Locker 13(2):9-10. July 1952. 389.8 P112

87787 CHAMBARD, P., and LASSERRE, R. Le tannage à la silice. V. B. de l'Assoc. Franç des Chim. des Indus. du Cuir et Doc. Sci. et Tech. des Indus. du Cuir 14:109-114. Apr./June 1952. 303.8 B87

87788 CHEN, P. S. Syntans and newer tanning methods. Leather Mfr. 63(7):14-16. (Cont.) July 1952. 303.8 L484

87789 CHEN, P. S. Syntans and newer tanning methods. Leather Mfr. 63(8):14-15. (Cont.) Aug.1952. 303.8 L484

87790 DAWSON, W. O. A new iron tannage. Amer. Leather Chem. Assoc. J. 42:457-473. July 1952. 303.9 Am32
Includes discussion.

87791 FORDER, B. A. The production of surgical catgut. Export Rev. Brit. Drug & Chem. Indus. 13(146): 65-67. June 1952. 396.8 C42A
From sheep's intestine.

87792 GADDIS, A. M. Effect of pure salt on the oxidation of bacon in freezer storage. Food Technol. 6:294-298. Ref. Aug.1952. 389.8 F7398

87793 GOURLAY, P. Pour la qualité du cuir à semelle. Rev. Tech. des Indus. du Cuir 44:121-124. July 1952. 303.8 C89

87794 HOKL, J. The importance of technology for the control of food of animal orgin. Internatl. Vet. Cong. Rpt. 14(3):317-318. 1949,pub.1952. 41.9 In844

87795 HUMPHREYS, G. H. W. Nachgerbung von chromledern mit pflanzlichen gerbstoffen. Leder 3:145-148. July 1952. 303.8 L492

87796 IMMENDORFER, E. Tanning of chamois and gloving leather. Leather Trades' Rev. 105:129-130. (Cont.) July 16,1952. 303.8 L48

87797 IMMENDORFER, E. Tanning of chamois and gloving leather. Leather Trades' Rev. 105:271-272. (Cont.) Aug.6,1952. 303.8 L48

87798 KRITZINGER, C. C. The chemical and physiological properties of sodium silicofluoride as used in the treatment of hides and skins. Soc. Leather Trades' Chem. J. 36:217-225. Ref. July 1952. 303.9 So12

87799 LEATHER INDUSTRIES RESEARCH INSTITUTE. Annual report, Apr. 1, 1951/Mar. 31, 1952. Grahamstown,Cape Province,1952. 37 p. 303.9 L48A

87800 NORTON, W. E. Problems relating to the processing of sheepskins. Textile J. Austral. 27:343-347. May 21,1952. 304.8 T3134

87801 O'FLAHERTY, F. Horizons in leather science. Shoe & Leather Rptr. 267(4):51-52,55,68. July 26,1952. 303.8 Sh7
Processing of hides and skins.

87802 OTTO, G. Über die nichtgerbstoffe des gambirs und die besondere wirkung aromatischer komplexbildner am chromleder. Leder 3:121-124. Ref. June 1952. 303.8 L492
English summary.

87803 REITH, J. F. The addition of phosphates to meat products. (In Dutch.) Voeding 13:261-265. Ref. July 15,1952. 389.8 V85
English summary.

87804 SARKAR, P. K. An investigation into the indigenous tanning materials of India. Tanner 7:17-18. (Cont.) June 1952. 303.8 T15

87805 SCHUBERT, R. Anionaktivität-kationaktivität; neue begriffe für die technik der lederherstellung. Leder 3:155-160. July 1952. 303.8 L492
English summary.

87806 SIMONPIETRI, R. H. Preparación de las pieles de Karakul. Chacra 22(260):48-49. July 1952. 9 C34

87807 SLATER, L. E. Abolished—sausage canning's "weak link." Food Engin. 24(8):82-83,155. Aug.1952. 389.8 F737

87808 STÜDEMANN, K. R. Etwas über die hautleimherstellung. Seifen-Öle-Fette-Wachse 78:379-380. (Concl.) July 16,1952. 307.8 Se4

87809 THUAU, U. J. Les antiseptiques et les germicides dans l'industrie du cuir. Rev. Tech. des Indus. du Cuir 44:101-104. (Concl.) June 15,1952. 303.8 C89

87810 TURNEY, F. V. Good management revitalizes locker plant. Grain Prod. News 4(12):25-26. July 1952. 286.81 G764

87811 WODICKA, V. O. Dehydrated meat in operational rations. Assoc. Food & Container Inst. Activ. Rpt. 4:90-94. Second Q.1952. 389.9 As74A

87812 WOLLENBERG, H. G. The heats of wetting of hide substance between 0° and 60° C. Soc. Leather Trades' Chem. J. 36:172-181. June 1952. 303.9 So12

Statistics

87813 AUSTRALIA. BUR. OF AGRICULTURAL ECONOMICS. Pig crop report, December 1951. Canberra,1952. 14 p. 281.2469 Au7

87814 BREIMYER, H. F. Forecasting annual cattle slaughter. J. Farm Econ. 34:392-398. Aug.1952. 280.8 J822

87815 CHICAGO DAILY DROVERS JOURNAL. Drovers journal year book of figures of the livestock trade for the year 1951. Chicago,1952. 110 p. 49 C431

87816 COLAGRANDE, B. Livestock population of Uruguay. (In Italian.) Cron. Econ. 113:43-45. May 1952. 280.8 C882

87817 HANNAWALD, E. B., and MESICK, D. O. Meat animals, farm production, disposition, and income, 1945-49, by States. U. S. D. A. Statis. B. 113,19 p. July 1952. 1 Ag84St
Cattle and calves, sheep and lambs, and hogs.

87818 PURDUE UNIVERSITY. DEPT. OF AGRICULTURAL STATISTICS. Annual livestock summary 1952. West Lafayette,Ind.,1952. 24 p. 252.25 Ag8

87819 QUEBEC. BUR. OF STATISTICS. Fur farming industry 1950. Quebec,1952. 8 p. 412.629 Q3
Text in French and English.
Statistics.

87820 QUEBEC. BUR. OF STATISTICS. Live stock on farms on December 1st, 1951. Quebec,1952. 12 p. 253.8 Ag82L
Text in French and English.

87821 RÜMKER, J. VON. Marktvorausschau auf der grundlage der viehzwischenzählung vom 3. juni 1952. Deut. Landwirt.-Gesell. Mitt. 67:540-541. July 26,1952. 18 N39

OILS AND OILSEEDS

87822 ACEVEDO Y PINILLA, J. M. Nuestros recursos naturales. Agr. Trop. 8(7):17-21. July 1952. 26 Ag8
Scheelea oil to supplement the deficiency of oils and fats in Colombia.

87823 AGUIRRE, J., and others. Unificación de los métodos de análisis. Cong. Internac. de Oleicult. Actas de Com. 13(6):135-138. 1950,pub.1951. 94.72 C76A
C. Tamés, J. Gracián, and F. Carbonell, joint authors.
Olive oil.

87824 ARESPACOCHAGA, J. DE. La regulación del aceite de oliva. B. de Oleicult. Internatl. 2(7):3-26. Mar./Apr.1952. 307.8 B63
English summary, p. 85-86.
Spain.

87825 BAUER, and REISCH, E. Zur frage des rapspreises. Württemb. Wchnbl. f. Landwirt. 119:630-631. July 12,1952. 18 W96

87826 BERGILLOS, A. Obtención contínua por presión del aceite de oliva. Agricultura [Madrid] 21: 309-311. June 1952. 15 Ag84

87827 BLASI, F. Operaciones complementarias de la obtención del aceite por expresión. B. de Oleicult. Internatl. 2(7):33-41. Mar./Apr.1952. 307.8 B63
English summary, p. 86-87.

87828 BORBOLLA Y ALCALA, J. M. R. DE LA, GÓMEZ HERRERA, C., and QUIJANO, R. G. G. Estudios sobre el aderezo de aceitunas verdes. IV. El pH de la salmuera. Soc. Españ. de Fís. y Quím. An. Ser. B, Quím. 47:515-522. July/Aug.1951. 385 So16

87829 BORBOLLA Y ALCALÁ, J. M. R. DE LA, and others. Estudios sobre el aderezo de aceitunas verdes. VII. Efectos del tratamiento con lejía. Soc. Españ. de Fís. y Quím. An. Ser. B, Quím. 48:427-430. May 1952. 385 So16
G. Gómez Herrera, R. Guzmán, and R. Vázquez, joint authors.
English summary.

87830 BORBOLLA Y ALCALA, J. M. R. DE LA, and QUIJANO, R. G. G. La determinación del índice de peróxidos en el aceite de olivas. Soc. Españ. de Fís. y Quím. An. Ser. B, Quím. 48:255-266. Mar.1952. 385 So16
English summary.

87831 BRANDT, J. Oleo in the South. Land O'Lakes News 32(4):7. Apr.1952. 44.8 L22

87832 BRICE, B. A., and others. Standardization of spectrophotometric methods for determination of polyunsaturated fatty acids using pure natural acids. Amer. Oil Chem. Soc. J. 29:279-287. Ref. July 1952. 307.8 J82
M. L. Swain, S. F. Herb, P. L. Nichols, Jr., and R. W. Riemenschneider, joint authors.

87833 BROOKER, S. G., and HARTMAN, L. The deacidification of coconut oil by short-path distillation. New Zeal. J. Sci. & Technol. B, Gen. Res. Sect. 33:488-492. May 1952. 514 N48B

87834 CALZECCHI-ONESTI, A. Olive oil and the economic situation. (In Italian.) Gior. di Agr. 62:219. July 20,1952. 16 It1G
Italy.

87835 CARTER, D. G., and HOLMAN, L. E. Storing soybeans on the farm. Ill. Agr. Col. Ext. C. 692,15 p. May 1952. 275.29 IL62C

87836 CATTANEO, P., GONZALEZ, M. M., and KARMAN DE SUTTON, G. Composición química del aceite de semilla de Fagara coco (Gill) Engl. Soc. Cient. Argentina. An. 153:95-101. Ref. Mar.1952. 516 So1

87837 CENTRE D'ENSEIGNEMENT ET DE RECHERCHES POUR L'INDUSTRIE ALIMENTAIRE, BRUSSELS. LABORATOIRE DE LAITERIE-MATIÈRES GRASSES. Considérations sur l'altération de l'huile de palme. Cour. Agr. 17(9):1,3. Apr.30,1952. 24 C83

87838 CHATFIELD, H. W. Examination of varnish-making vegetable oils. 2. Paint Mfr. 22:247-249,255. July 1952. 306.8 P162

87839 CHILD, F., III. The citronella dilemma. Drug & Cosmetic Indus. 71:176-177,264-265. Aug.1952. 396.8 D842
Situation with regard to citronella oil.

87840 CONGRESO INTERNACIONAL DE OLEICULTURA. 13, SEVILLE, 1950. Actas de comercio. Madrid, Sindicat Nacional del Olivo,1951. 326 p. 94.72 C76A

87841 CORREA, F. R. Normalización de embalajes, marcas y calidades del aceite. Cong. Internac. de Oleicult. Actas de Com. 13(6):97-114. 1950,pub.1951. 94.72 C76A
Portugal.

87842 CROSTON, C. B., and others. Polymerization of drying oils. VI. Amer. Oil Chem. Soc. J. 29:331-333. Aug.1952. 307.8 J82
I. L. Tubb, J. C. Cowan, and H. M. Teeter, joint authors

87843 DANIELS, T. L. Fats and oils situation in the United States. Cotton Gin & Oil Mill Press 53(17):35, 43-46,48. Aug.16,1952. 304.8 C822

87844 DECHARY, J. M., and others. Removal of gossypol from cottonseed by solvent extraction procedures. Amer. Oil Chem. Soc. J. 29:339-341. Ref. Aug. 1952. 307.8 J82
R. P. Kupperman, F. H. Thurber, and A. M. Altschul, joint authors.

87845 DECKBAR, F. A., JR., and others. A review of the commercial and experimental processing of oil-bearing materials. Cotton Gin & Oil Mill Press 53(15): 13-15,17,48,50-51,54-56,58-62. Ref. July 19,1952. 304.8 C822
R. M. Persell, E. F. Pollard, and E. A. Gastrock, joint authors.

87846 DRAKE, J. M. JR. Record castor bean crop indicated. Sowest. Crop & Stock 6(8):13,87. Aug.1952. 6 So8942
In Oklahoma.

87847 DUBOULOZ, P. Protection des graisses contre le rancissement. Oléagineux 7:465-471. Ref. Aug./Sept.1952. 77.8 OL2

87848 DUMONT, A. Extraction de l'huile essentielle des plantes à parfum. Terre d'Oc 34:235-237. June 1952. 14 Ar5

87849 FAURE, J. C. A. La situation mondiale en matière de corps gras; bilan 1951—perspectives 1952. Oléagineux 7:459-464. Aug./Sept.1952. 77.8 OL2

87850 FERNÁNDEZ DIEZ, M. J., GONZÁLEZ PELLISSÓ, F., and BORBOLLA Y ALCALÁ, J. M. R. DE LA. Estudio sobre la composición de la aceituna; cambios durante su desarrollo y maduración (Nota preliminar). Soc. Españ. de Fís. y Quím. An Ser. B, Quím. 48:437-438. May 1952. 385 So15

87851 FRANCOIS, R. La valorisation des déchets d'oléagineux et des oléagineux d'intéret secondaire. Rev. Internatl. des Prod. Colon. 27:103,105-108. May 1952. 286.8 R326
Use of byproducts.

87852 GERIGNY, P. Ecartant tout dogmatisme, le gouvernement doit prévoir des solutions pratiques pour régler le problème des oléagineux. Marchés Colon. du Monde 8:1861-1862. July 12,1952. 286.8 M33
French colonies.

87853 GROS, A. T., and FEUGE, R. O. Surface and interfacial tensions, viscosities, and other physical properties of some n-aliphatic acids and their methyl and ethyl esters. Amer. Oil Chem. Soc. J. 29:313-317. Ref. Aug.1952. 307.8 J82

87854 HERRLINGER, R., and COMPEAU, G. M. The determination of rosin in fatty acids. Amer. Oil Chem. Soc. J. 29:342-344. Ref. Aug.1952. 307.8 J82

87855 HEYWORTH, SIR G. Margarine and world nutrition; "no enemy of the dairying industry." (Excerpts.) Grocer 173(4719):36,38. Aug.16,1952. 286.83 G895

87856 HOW MARGARINE is regulated outside Canada. Family Herald & Wk. Star 83(32):8,10,12. Aug.7,1952. 7 F21

87857 HULTING, G. Proposals for a new system of control in the field of fats. (In Swedish.) Jordbrekon. Meddel. 14:217-225. June 1952. 257.3 J76
English summary, p. 208.

87858 HUNT, W. H., and others. A rapid dielectric method for determining the oil content of soybeans. Amer. Oil Chem. Soc. J. 29:258-261. Ref. July 1952. 307.8 J82
M. H. Neustadt, J. R. Hart, and L. Zeleny, joint authors.

87859 KAUFMANN, H. P., and BUDWIG, J. Die papier-chromatographie auf dem fettgebiet. XIV. Fette u. Seifen 54:348-356. Ref. June 1952. 384 C422

87860 KHARKOS, R. El girasol y su utilidad. Asoc. Rur. del Uruguay. Rev. 79(6):25. June 1952. 9.9 As5

87861 LEITE, E. T. Babassu, national problem. (In Portuguese.) Lavoura 56:7-8. Mar./Apr.1952. 9.2 L39
Brazil.

87862 LINDGREN, C. D. More activity ahead for flavor oils. Coffee & Tea Indus. 75(8):53-54. Aug.1952. 389.8 Sp4

87863 LONCIN, M. Étude de l'altération de l'huile de palme. Rev. des Ferment. et des Indus. Aliment. 7: 43-52. (Cont.) Apr.1952. 390.08 R32

87864 LONCIN, M. Étude de l'altération de l'huile de palme. Rev. des Ferment. et des Indus. Aliment. 7: 90-100. (Cont.) June 1952. 390.08 R32

87865 LÓPEZ TIENDA, J., and others. Clasificación internacional del aceite de oliva y productos. Cong. Internac. de Oleicult. Actas de Com. 13(6):66-67. 1950,pub.1951. 94.72 C76A
L. González Ruiz, J. García de Andoain, and B. Fiestas, joint authors.

87866 LUCKMANN, F. H., MELNICK, D., and VAHLTEICH, H. W. Estimation of vitamin A in margarine. IV. Amer. Oil Chem. Soc. J. 29:321-330. Ref. Aug.1952. 307.8 J82

87867 MAHADEVAN, K. Availability of indigenous vegetable oils for internal combustion engines in India. Indian Inst. Sci. J. Sect. B 34:1-7. Jan.1952. 513 In23Q

87868 MARTÍNEZ MORENO, J., and others. Desulfuración e hidrogenación de aceites de orujo extraídos con sulfuro de carbono. Soc. Españ. de Fís. y Quím. An. Ser. B, Quím. 47:743-750. Nov.1951. 385 So16
F. Ramos Ayerbes, R. Cota Galán, and J. Huesa Lope, joint authors.
English summary.

87869 MASSERA, A. Analysis and adulteration of essential oils. (In Italian.) (Abs.) Chimica (n.s.)7:264. 1952. 385 C445

87870 MASSERA, V. Analysis and adulteration of essential oils. (In Italian.) Riv. Ital. Essenze—Profumi—Piante Officinali—Olii Veg.—Saponi 34:322-328. July 15, 1952. 308.8 R52
French summary.

87871 MITRA, S. N., CHAKRAVARTI, S. C., and SOM, A. B. Estimation of argemone oil in mustard oil by the "bromide-bromate" test. Sci. & Cult. 17:522-523. June 1952 475 Sci 24

87872 MOHR, C., and GRZYBOWSKI, H. Die ölmühlenindustrie zwischen liberalisierung und kartellisierung Seifen-Ole-Fette-Wachse 78:388-389. (Cont.) July 30, 1952. 307.8 Se4
English summary.
Germany.

87873 NAIR, P. V., and VARIER, N. S. Aromatic resources of Travancore-Cochin State. Sci. Club J. 4(3):10-15. Feb.1951. 475 Sci29
Spices.

87874 NARCISSE, T. Corrélation entre l'extension de nos cultures oléagineuses et le développement de l'élevage en Haïti. B. Agr. 2(1):10-14. Jan.1952. 8 B87

87875 NATIONAL COTTONSEED PRODUCTS ASSOCIATION. Rules governing transactions between members. n.p.,1952. 206 p. 72.9 N213

87876 NAVES, Y. R., and ARDIZIO, P. Notes on the composition of absolute of butterfly lily (Hedychium flav[um] Roxb.). Perfumery & Essential Oil Rec. 43: 231,266. July 1952. 308.8 P41

87877 OLIVER, J., and RAMOS, F. Viscosidades de disoluciones de aceite de oliva. I. Soc. Españ. de Fís. y Quím. An. Ser. B, Quím. 48:431-436. May 1952. 385 So16

87878 PATEL, M. S. Production and utilisation of tobacco seed, oil and cake. Indian Tobacco 2:25-32. Jan./Mar.1952. 69.8 In2

87879 PERSELL, R. M., and others. A preliminary cost study of the filtration extraction of cottonseed. Cotton Gin & Oil Mill Press 53(17):18,20. Aug.16,1952. 304.8 C822
E. F. Pollard, F. A. Deckbar, Jr., and E. A. Gastrock, joint authors.

87880 POLO DIAZ, M. La demanda del aceite de oliva en Estados Unidos. B. de Oleicult. Internatl. 2(7): 27-31. Mar./Apr.1952. 307.8 B63

87881 PORTUGAL. JUNTA NACIONAL DAS FRUTAS. Clasificación internacional de las aceitunas de conserva. Cong. Internac. de Oleicult. Actas de Com. 13(6):64-65. 1950,pub.1951. 94.72 C76A

87882 PORTUGAL. JUNTA NACIONAL DAS FRUTAS. Normalización de los envases, marcas y calidades, aceitunas en conserva. Cong. Internac. de Oleicult. Actas de Com. 13(6):115-121. 1950,pub.1951. 94.72 C76A

87883 PUNTAMBEKAR, S. V. Kamala oil. Paint, Oil & Colour J. 122:79-81. July 11,1952. 306.8 Oi52

87884 RAMELLA, R. El lino oleaginoso. Asoc. Rur. del Uruguay. Rev. 79(6):28-31. June 1952. 9.9 As5
Analysis and uses.

87885 RISUENO, A. Extracción del aceite de orujo. Siembra [Madrid] 8(5):16-18. May 1952. 15 Si1

87886 ROUSSEAU, P. M. Determinación de la materia grasa de los orujos por frasco-dosificador. Cong. Internac. de Oleicult. Actas de Com. 13(6):158-163. 1950,pub.1951. 94.72 C76A

87887 ROUSSEAU, P. M. Ensayo sobre la dosificación de la materia grasa de las aceitunas por refractometria. Cong. Internac. de Oleicult. Actas de Com. 13 (6):150-157. 1950,pub.1951. 94.72 C76A

87888 ROVESTI, P. Les essences extraites des variétés physiologiques de Micromeria abyssinica Benth. et de Micromeria biflora Benth. Indus. de la Parfumerie 7:165-168. June 1952. 308.8 In2

87889 ROVESTI, P. Essences of physiological varieties of Ocimum menthaefolium Hochst. of Eritrea. (In Italian.) Riv. Ital. Essenze—Profumi—Piante Officinali—Olii Veg.—Saponi 34:247-255. Ref. June 15, 1952. 308.8 R52

87890 SACCO, T. Oil from a new variety of mint. (In Italian.) (Abs.) Chimica (n.s.)7:264. 1952. 385 C445

87891 SACCO, T. On a new mint essence. (In Italian.) Riv. Ital. Essenze—Profumi—Piante Officinali—Olii Veg.—Saponi 34:337. July 15,1952. 308.8 R52

87892 SAMAN, J. Essential oil from evergreen trees. Amer. Perfumer & Essential Oil Rev. 60:19-22. July 1952. 308.8 Am3

87893 SANTELLI, E. Aperçu des installations industrielles d'estérification glycéridique des acides gras. Oléagineux 7:481-482. Aug./Sept.1952. 77.8 OL2

87894 SAUNDERS, H. Margarine: the development and status of oleomargarine legislation in the United Kingdom. Food Drug Cosmetic Law J. 7:421-429. July 1952. 389.58 F732

87895 SCHUTTAUF, W. Deutsche fettwirtschaft. Molk.- u. Käserei-Ztg. 3:796-797. June 26,1952. 44.8 M736
Fat and milk consumption.

87896 SCHWOB, R. A new extractor for citrus essences. (In Italian.) Riv. Ital. Essenze—Profumi—Piante Officinali—Olii Veg.—Saponi 34:338-339. July 15, 1952. 308.8 R52

87897 SCHWOB, R. New procedures for extraction of citrus oils. (In Italian.) (Abs.) Chimica (n.s.)7:264. 1952. 385 C445

87898 SIMS, R. J. Variations in the chemical, physical, and organoleptic properties of soybean oil hydrogenated under widely varying conditions. Amer. Oil Chem. Soc. J. 29:347-350. Aug.1952. 307.8 J82

87899 SMITH, A. K., BELTER, P. A., and JOHNSEN, V. L. Peptization of soybean meal protein; effect of method of dispersion and age of beans. Amer. Oil Chem. Soc. J. 29:309-312. Aug.1952. 307.8 J82

87900 SNELL, M. A. Castor bean pomace exposure. Arch. Indus. Hyg. & Occup. Med. 6:113-115. Ref. Aug. 1952. 449.8 Ar24
Toxicity.

87901 SPERLICH, H. Uber den nachweis von glykolen in essenzen. (Abs.) Angew. Chem. 64:359. July 7,1952. 384 Z33

87902 TESCARI, F. The olive and olive oil manufacture in the Province of Vicenza. (In Italian.) Agr. Vicentina 83(12):4. (Cont.) June 15,1952. 16 Ag825

87903 TRAMONTE, S. Olive and grape culture and other problems important to the economic development of the South. (In Italian.) Cam. di Com. Indus. e Agr. Bari. B. (n.s.)36(4):1-9. Apr.1952. 287 B232
Problems of the industry.

87904 TRINIDADE, A. F. DA. Clasificación internacional del aceite. Cong. Internac. de Oleicult. Actas de Com. 13(6):57-63. 1950,pub.1951. 94.72 C76A

87905 TUNIS. OFF. D'OLEICULTURE. Unificación de los métodos de análisis. Cong. Internac. de Oleicult. Actas de Com. 13(6):143-149. 1950,pub.1951. 94.72 C76A

87906 U. S. DEPT. OF AGRICULTURE. PRODUCTION AND MARKETING ADMIN. MARKET NEWS DIV. Peanut acreage for 1952 one-fifth less than year ago. Peanut J. & Nut World 31(10):21,45. Aug.1952. 77.8 P313

87907 U. S. PRODUCTION AND MARKETING ADMIN. Peanut meeting, January 30, 1952. Washington,1952. 106 p. 1.956 A2P313
Includes discussion of price support programs.

87908 U. S. PRODUCTION AND MARKETING ADMIN. Tung processing and marketing practices and costs. U. S. D. A. Mktg. Res. Rpt. 10,33 p. Ref. June 1952. 1 Ag84Mr

87909 VERGÉS, S. El sulfuro de carbono y el tricloroetileno como disolventes para el orujo. Ion 12: 235-236. May 1952. 385 Io6
From olives.

87910 VIDAL, V. A. C. Unificación de los métodos de análisis del aceite y de los productos procedentes de la aceituna. Cong. Internac. de Oleicult. Actas de Com. 13(6):139-142. 1950,pub,1951. 94.72 C76A

87911 VINCENT, G. Notre consommation de graisses alimentaires en 1951. Rev. de l'Agr. 5:715-724: July 1952. 13 R322
English summary.
Belgium.

87912 WIK, T., SCHOLFIELD, C. R., and COWAN, J. C. Fractionation of soybean phosphatides with isopropyl alcohol. Amer. Oil Chem. Soc. J. 29:345-347. Ref. Aug.1952. 307.8 J82

POULTRY AND POULTRY PRODUCTS

87913 ALP, H. H. How will our chicks travel? Hatchery & Feed 26(8):24-26,28-29. Aug.1952. 47.8 H28

87914 ANDERSON, D. Factors influencing the future of the poultry industry in Queensland. Queensland Co-op. 7(3):18-19,21. May/June 1952. 280.28 Q3

87915 BENDIX, W. L. Cooperative Federal-State poultry meat inspection. U.S. Livestock Sanit. Assoc. Proc. 55:177-182. 1951,pub.1952. 49.9 Un3R

87916 BENEZRA REVENGA, M. V. Plan nacional de mejoramiento avícola. Agro [El Valle] 6(20):19-21, 23-25,27-42. Jan./May 1952. 9.95 Ag83
Venezuela.

87917 BRANDOW, G. E., LEARN, E. W., and BAKER, R. L. Broiler production and price relationships. Pa. Agr. Expt. Sta. Prog. Rpt. 73,22 p. May 1952. 100 P381P

87918 BRANT, A. W., and SHRADER, H. L. How to measure egg I. Q. (interior quality). U. S. D. A. PA-202, 11 p. Ref. May 1952. 1 Ag84Pro

87919 CAMPBELL, D. M. Report of the representative to the Poultry Branch, Production and Marketing Administration, United States Department of Agriculture. U. S. Livestock Sanit. Assoc. Proc. 55:90-92. 1951,pub. 1952. 49.9 Un3R

87920 CASTEJÓN, R. Huevos sin cáscara—prostogonimosis de la gallina. B. de Zootec. 8:145-147. May 1, 1952. 41.9 So16

87921 CHAPIN, J. W. Housewives search for good product, attractive package. Fla. Poultry & Dairy J. 18 (8):3,14. Aug.1952. 47.8 F66
Eggs.

87922 CHRISTENSEN, L. K. Denaturation and enzymatic hydrolysis of lactoglobulin with some observations on the hydrolysis of egg albumin. Carlsberg Lab. Compt. Rend. Trav. Sér. Chim. 28:37-169. Ref. 1952. 390.9 C19

87923 CHRISTIAN, W. E., JR., and DICKERSON, M. S., JR. Hatcheries studied as a market for Mississippi eggs. Miss. Farm Res. [Miss. Sta.] 15(6):2-4. June 1952. 100 M69Mi

87924 CLARKE, M. C. Packaging firm's ideas help retail stores sell your products. U. S. Egg & Poultry Mag. 58(8):18-20. Aug.1952. 286.85 Eg3
Poultry.

87925 CRANE, J. R. Broilers spark Waldo County [Maine] economy. Broiler Growing 3(8):12-13,47-48. Aug.1952. 47.8 B782

87926 DEGRAFF, H. The economy of chicken. So-east. Poultryman 5(5):5,21-25. May 1952. 47.8 So872
Poultry & eggs—present-day consumption.

87927 FERRE, C. K. Are we moving forward? (Extr.) Utah Poultry Co-op. 16(7):14-15,21. Mar.1952. 280.28 Ut1
Utah Poultry and Farmers' Co-operative.

87928 FLYGARE, B. Rückblick und ausblick auf die eierwirtschaft Schwedens. Eier-, Wild-, Geflügel- u. Honig-Markt 4(81):6. July 10,1952. 280.38 Ei3

87929 FUCHS, A. W. Gemeinschaftswerbung für eier in Westdeutschland. Eier-, Wild-, Geflügel- u. Honig-Markt 4(81):5-6. July 10,1952. 280.38 Ei3

87930 GARCIA, R. V., and BENEZRA R., M. Estudio sobre la variación de los componentes del huevo según su peso. Acta Cient. Venezol. 3:26-28. Jan./Feb.1952. 475 Ac83
English summary.

87931 GILMAN, W. Plucked poultry is profitable. Elect. Farm Mag. 25(7):7-8,33-34. Aug./Sept.1952. 335.8 EL27
Dressing methods.

87932 GORDON, C. W. How much are bottlenecks costing you? U. S. Egg & Poultry Mag. 58(8):12-13,30. Aug.1952. 286.85 Eg3
Poultry processing.

87933 GOREE, C. P. Freezing of poultry. Refrig. Engin. 60:855-857,888. Aug.1952. 295.9 Am32J

87934 GWIN, J. M. Quality changes in shell eggs in carlot shipments and in storage. Md. Agr. Expt. Sta. B. A-65,31 p. June 1952. 100 M36S

87935 GWIN, J. M. A report of quality changes occuring in shell eggs during carlot shipments. Amer. Egg & Poultry Rev. 14(5):8,10,69. May 1952. 47.8 Am38

87936 HANSEN, P. O. President's message; cooperation never fails; it is the lack of it that causes failure. Utah Poultry Co-op. 16(7):3-4,6. Mar.1952. 280.28 Ut1

87937 HAUGE, S. Salmonella in dehydrated egg products and its public health significance (with special reference to Norwegian outbreaks). Internatl. Vet. Cong. Rpt. 14(3):313-316. Ref. 1949,pub.1952. 41.9 In844

87938 HENAULT, N. Viewing the poultry industry in the Province of Quebec. Amer. Egg & Poultry Rev. 14(8):62-63. Aug.1952. 47.8 Am38

87939 HOGUE, J. Plan your freezer needs. Turkey World 27(8):18-19,60-62. Aug.1952. 47.38 T84

87940 HORTON, D. H. What about poultry prices? A study of the 1951 markets in New York City. N. H. Breeder & Broiler Grower 15(2):14-15,30. July 1952. 47.8 N45
Includes eggs.

87941 JOHNDREW, O. F., JR. Marketing research in the Poultry Branch [of Production and Marketing administration]. Amer. Egg & Poultry Rev. 14(8):18,20,66. Aug.1952. 47.8 Am38
Egg marketing.

87942 KELLY, R. B. Broilers are big business. Carolina Co-op. 37(7):11,22. July 1952. 72.8 N81

87943 KLOSE, A. A., MECCHI, E. P., and HANSON, H. L. Use of antioxidants in the frozen storage of turkeys. Food Technol. 6:308-311. Aug.1952. 389.8 F7398

87944 KUPSCH, W. Bilder aus der geflügelzucht in Brasilien. Deut. Wirtgeflügelzucht. 4:475-479. July 5, 1952. 47.8 D483

87945 LABORDE-BOIS, P. Charlas avícolas. Valencia Avíc. 9:25-27. Feb.1952. 47.8 V23
Spanish poultry and egg industries.

87946 LIEBLICH, R. Die situation am französischen eiermarkte. Eier-, Wild-, Geflügel- u. Honig-Markt 4:7. July 3,1952. 280.38 Ei3

87947 MCGILL, A. C. 150,000 new chirpers for Korea. Amer. Egg & Poultry Rev. 14(8):22-23. Aug.1952. 47.8 Am38

87948 MASTERSON, F. Oklahoma broiler industry making rapid progress. Broiler Growing 3(8):15,54-56. Aug.1952. 47.8 B782

87949 MATHEWS, H. L. Poultry specialist sees opportunity good for New Mexico egg producers. N. Mex. Stockman 17(8):77. Aug.1952. 49 N462

87950 MERRIMAN, J. B. Take care of the egg. Rur. New-Yorker 102:490,509. Aug.2,1952. 6 R88

87951 MILLER, A. A. Human Salmonella typhi murium infection due to duck eggs,with special reference to flocks of ducks. Brit. Med. J. 4776:125-127. July 19, 1952. 448.8 B77

87952 MILLER, M. W. Quality eggs and blood spots. Washcoegg 29(10):46-47. Mar.1952. 47.8 W27

87953 NEW SOUTH WALES. DEPT. OF AGRICULTURE. DIV. OF MARKETING AND AGRICULTURAL ECONOMICS. Current problems in the poultry industry. Australas. Poultry World 23(11):57,59. June 5,1952. 47.8 Au72

87954 NOTHSTEIN, D. A. The egg and poultry industries of Manitoba. Amer. Egg & Poultry Rev. 14(8): 38-39. Aug.1952. 47.8 Am38

87955 NYBROTEN, N. Marketing eggs in retail stores in the Northeast, 1949. W. Va. Agr. Expt. Sta. B. 353,39 p. June 1952. 100 W52

87956 NYBROTEN, N. Retailing eggs in West Virgina stores. W. Va. Agr. Expt. Sta. B. 354,16 p. June 1952. 100 W52

87957 PERUCHON, J. Voyages d'études auprès des grands élevages industriels avicoles d'Espagne (août 1951 et avril 1952). Terre d'Oc 34:222-229. June 1952. 14 Ar5

87958 QUISENBERRY, J. H. Poultry. Tex. Agr. Workers' Assoc. Proc. 24:67-69. 1951. 4 T314
The industry in Texas.

87959 RAUBER, F. S. From dozens to dollars; how your egg shipments are converted into cash by the P.P.A. Egg Department. Poultryman 22:10-11. May 1952. 47.8 Sa53

87960 ROF CODINA, J. Procedimientos caseros para conservación de huevos de las aves. Valencia Avíc. 9(2): 24-25. Mar.1952. 47.8 V23

87961 ROGERS, M. T. Wrap'em for sales appeal and shelf life. Turkey World 27(8):10,68-71. Aug.1952. 47.38 T84

87962 ROSENBLUM, M. There's more profit from eggs with a high "I Q." Eggsaminer 29(7):2,21. July 1952. 286.85 Eg32
Interior quality.

87963 RUDD, G. F. What the poultry department means to its members. (Extr.) Utah Poultry Co-op. 16(7):23,25-26,30. Mar.1952. 280.28 Ut1
Utah Poultry and Farmers' Co-operative.

87964 SAN DIEGO COOPERATIVE POULTRY ASSOCIATION. Reports, 1952. San Diego Poultry J. 28(562):4-6, 8,10,15-16,18. June 1952. 47.8 Sa52

87965 SCHATZ, G. Als volontär der eier- und geflügelbranche in Schweden. Eier-, Wild-, Geflügel- u. Honig-Markt 4(84):2-3. July 17,1952. 280.38 Ei3

87966 SCHNEIDER, V. Why some eggs are worth more. Successful Farming 50(8):44-45,94-95. Aug.1952. 6 Su12
Care and handling.

87967 SCRUGGS, C. G. Getting paid for quality eggs. Prog. Farmer, Tex. Ed. 67(8):16,103. Aug.1952. 6 T311

87968 SERRE, L. Produire n'est pas tout, encore faut-il vendre. Cocoricos du Monde 7(5):18;(6):18;(7):15, 23. (Cont.) May-July/Aug.1952. 47.8 C64
Public relations.

87969 SMALL, M. C. Sell your turkeys! Turkey World 27(8):16-17,62-64. Aug.1952. 47.38 T84
Includes advertising.

87970 STADELMAN, W. J. How to find blood spots in eggs. Washcoegg 30(2):7,19. July 1952. 47.8 W27
Candling.

87971 STAFSETH, H. J. The importance to the public of inspection of poultry and poultry products. U.S. Livestock Sanit. Assoc. Proc. 55:86-89. 1951,pub.1952. 49.9 Un3R

87972 SWEET, M. C. Let's dress up our poultry products. Pacific Poultryman 56(8):8,44-45. Aug.1952. 47.8 P112
Marketing and advertising.

87973 TEMPLETON, H. L. "Sell" the boss—and "sell" the help if you want to make your plant sanitation plan work. U. S. Egg & Poultry Mag. 58(8):16-17,28,30. Aug.1952. 286.85 Eg3
Poultry and egg processing plants.

87974 TUKKER, J. G. Ablauf und aussichten der niederländischen eierwirtschaft. Eier-, Wild-, Geflügel- u. Honig-Markt 4:1-2. July 24,1952. 280.38 Ei3

87975 U. S. PRODUCTION AND MARKETING ADMIN. Poultry grading manual. U. S. D. A. Agr. Handb. 31 (sup.1),1 p. May 1952. 1 Ag84Ah

87976 URNER, S. K. Iced poultry industry difficulties. Amer. Egg & Poultry Rev. 14(5):2-3,83. May 1952. 47.8 Am38

87977 VAN WAGENEN, A. Eastern cooperatives plan central marketing agency. Everybodys Poultry Mag. 57 (7):10,24-25. July/Aug.1952. 47.8 F213P
Poultry and eggs.

87978 VONDELL, J. Drawing and freezing affect quality, taste. Turkey World 27(8):21,57-59. Aug.1952. 47.38 T84

87979 WALTON, MRS. W. R., JR. Consumer observations on the Canadian egg and poultry industry. Amer. Egg & Poultry Rev. 14(8):12,14,16. Aug.1952. 47.8 Am38

87980 ZEBARTH, R. Planning your processing plant. Turkey World 27(8):20,54-56. Aug.1952. 47.38 T84

RUBBER AND RUBBER SUBSTITUTES

87981 AUSTRALIA. BUR. OF AGRICULTURAL ECONOMICS. The Papuan rubber industry. Austral. Bur. Agr. Econ. B. 7,33 p. Jan.1952. 280.9 Au75

87982 BLOOMFIELD, G. F. The modification of natural rubber by synthetic polymers. Rubber Devlpmt. 5:34-38. Summer 1952. 305.8 R828

87983 BLOW, C. M. Cyclized rubber, its development and applications. Rubber Devlpmt. 5:44-47. Summer 1952. 305.8 R828

87984 BUSCARONS, F., and CAPITAN, F. Análisis de acelerantes de la vulcanización del caucho. Indus. y Quím. 14:18-22. Ref. Mar.1952. 382 In28

87985 CRAMER, P. J. S. Historique de la méthode testatex. Belgium. Min. des Colon. B. Agr. du Congo Belge 43:455-462. (Concl.) June 1952. 24 K83
Testing of productivity of Hevea plants.

87986 DABALD, A. R. Trace elements in natural and synthetic rubbers. Rubber Age 71:621-624. Ref. Aug.1952. 305.8 R82

87987 DOGADKIN, B., and KHEIFETS, F. Investigations in the field of rubber vulcanization.X. Vulcanization of natural rubber with a mixture of sulphurous acid and hydrogen sulfide. (In Russian.) Kolloid. Zhur. 14:157-163. Ref. 1952. 385 K83

87988 ENGELS, O. Le caoutchouc au Congo Belge; quelques problèmes d'actualité. Soc. Belge d'Etudes et d'Expansion. B. 151:424-428. May/July 1952. 280.8 So17

87989 EVANS SCHULTES, R. El cauchero abanderado del Vaupés. Rev. Nac. de Agr. 46(564):8-15. Apr.1952. 9.4 R32

87990 FABRE, R. Les plantations d'Indochine et le marché mondial du caoutchouc. Soc. Belge d'Etudes et d'Expansion. B. 151:482-489. May/July 1952. 280.8 So17

87991 FERREIRA FILHO, C. Amazonia and rubber. (In Portuguese.) Assoc. Com. do Amazonas. B. 11(129): 1-2. Apr.1952. 286.9 As7B

87992 FERREIRA FILHO, C. Application of business profits to rubber planting. (In Portuguese.) Assoc. Com. do Amazonas. B. 11(130):3-5. May 1952. 286.9 As7B

87993 FLINT, C. F. Why natural latex? Rubber Devlpmt. 5:39-43. Summer 1952. 305.8 R828

87994 GREENLEAF, E. F. New applications of rubber on decks of naval vessels. Rubber Age 71:495-499. July 1952. 305.8 R82

87995 HERBETTE, F. Le dispositif de défense du caoutchouc d'état sur le marché des Etats-Unis. Rev. Gén. du Caoutchouc 29:490-491. July 1952. 305.8 R32
English summary, p. 522.

87996 HUBLIN, R. Les travaux poursuivis a l'Institut Français du Caoutchouc. Rev. Gén. du Caoutchouc 29:474-477. July 1952. 305.8 R32
English summary, p. 520-521.

87997 JANSEN, K. F. R. On the Ottawa rubber conference. (In Dutch.) Bergcultures 21:253,255,257. July 1,1952. 22.5 B45

87998 KREBS, H. Über die wirkungsweise der basischen vulkanisationsbeschleuniger. (Abs.) Angew. Chem. 64:360. July 7,1952. 384 Z33
Rubber.

87999 MANN, J. The significance of new ageing tests. In Moakes, R. C. W., and Wake, C. W., eds. Rubber technology, p.68-95. Ref. New York,Academic Press,1951. 305 M71

88000 MOAKES, R. C. W. Recent developments in compounding. In Moakes, R. C. W., and Wake, C. W., eds. Rubber technology, p.26-67. Ref. New York,Academic Press,1951. 305 M71

88001 MOAKES, R. C. W., and WAKE, W. C., eds. Rubber technology; lectures held at the Croydon Summer School of the Research Association of British Rubber Manufacturers. New York,Academic Press,1951. 199 p. 305 M71

88002 MONTU, M. Étude chimique des accélérateurs de plastification du caoutchouc. Rev. Gén. du Caoutchouc 29:506-510. Ref. July 1952. 305.8 R32
English summary, p. 522.

88003 NAUNTON, W. J. S. Latex: from the tree to the finished article. In Moakes, R. C. W., and Wake, C. W., eds. Rubber technology, p.13-25. New York, Academic Press,1951. 305 M71

88004 NAUNTON, W. J. S. Synthetic rubber. Endeavour 11:159-163. July 1952. 472 En2

88005 NEWTON, R. G. Recent progress in providing technically classified natural rubber. Rubber Devlpmt. 5:49-56. Summer 1952. 305.8 R828

88006 REZNIKOVSKII, M. I., and KHROMOV, M. K. Investigation of spontaneous contraction of rubbers. (In Russian.) Kolloid. Zhur. 14:177-184. Ref. 1952. 385 K83

88007 SCOTT, J. R. Technology in 1951 and after. In Moakes, R. C. W., and Wake, C. W., eds. Rubber technology, p.1-12. New York,Academic Press,1951. 305 M71

88008 SHAPOSHNIKOV, V. N., and others. On the development of bacteria at the expense of natural rubber. (In Russian.) Mikrobiologiia 21:146-154. Ref. Mar./Apr. 1952. 448.3 M582
I. L. Rabotnova, G. A. fArmola, V. M. Kuznetsova, and N. N. Mozokhina-Porshnfakova, joint authors.

88009 SKRAUP, S. Zur faktisbildung, schwefelung und vulkanisation. (Abs.) Angew. Chem. 64:360. July 7, 1952. 384 Z33
Rubber.

88010 SODEN, A. L. Developments in testing instruments and test methods. In Moakes, R. C. W., and Wake, C. W., eds. Rubber technology, p.96-137. Ref. New York,Academic Press,1951. 305 M71

88011 STALINSKY, E. Quelques problèmes posés par la préparation des mélanges. Rev. Gén. du Caoutchouc 29:510-514. July 1952. 305.8 R32
English summary, p. 522.

88012 UZINA, R., and DOSTIAN, M. Structure and properties of filled rubber mixtures. VIII. Firmness of filled rubber mixtures obtained directly from latex. (In Russian.) Kolloid. Zhur. 14:197-203. 1952. 385 K83

88013 VERHAAR, G. Fractionation of fresh and preserved Hevea latex by centrifuging. India Rubber World 126:636-640,644. Ref. Aug.1952. 305.8 In2

88014 WAKE, W. C. Statistical techniques in rubber technology. In Moakes, R. C. W., and Wake, C. W., eds. Rubber technology, p.158-187. New York, Academic Press,1951. 305 M71

SEEDS

88015 ANDERSEN, J. C. Culture of clover, grass, and root crop seeds by the Danish Farmers Co-operative Association for Seed Growing. (In Danish.) Tidsskr. f. Frøavl 20:416-420. June 10,1952. 61.8 T43

88016 ANDREWS, P., HOUGH, L., and JONES, J. K. N. Mannose-containing polysaccharides. II. The galactomannan of fenugreek seed (Trigonella foenum-graecum). Chem. Soc. J., July 1952:2744-2750. 382 L84J

88017 DAVIDSON, W. A. The relationship between seed certification and seed law enforcement. Internatl. Crop Impr. Assoc. Annu. Rpt. 32/33:142-149. 1950-51, pub.1952. 619 In8

88018 GARRISON, R. H., and others. Improving and implementing certification agencies' services. Internatl. Crop Impr. Assoc. Annu. Rpt. 32/33:149-161. 1950-51, pub.1952. 619 In8
W. L. Shannon, A. W. Young, and L. L. Patten, joint authors.

88019 HEINZ, W. B. Keep seed dry to retain viability, germination. West. Feed & Seed 7(7):26,47,52. July 1952. 389.78 W52
Storage.

88020 JOHNSON, A. A., and others. Servicing interstate certification. Internatl. Crop Impr. Assoc. Annu. Rpt. 32/33:176-191. 1950-51,pub.1952. 619 In8
D. F. Beard, S. Folsom, H. A. Inglis, F. G. Parsons, and C. R. Schmidt, joint authors.

88021 JOKELA, M. On the weed seed content of timothy and red clover seed in Finland and the other northern countries. (In Swedish.) Nord. Jordbrforsk. 34:49-59. 1952. 11 N752
English summary.

88022 KUGLER, I. Keimfähigkeitsbestimmung mit der analysenlampe. Saatgut-Wirt. 4:115-117. May 1952. 61.8 Sa1

88023 LECHNER, L. Neuere prüfungsergebnisse von importsaatversuchen zu futterleguminosen. Saatgut-Wirt. 4:113-114. (Concl.) May 1952. 61.8 Sa1

88024 MACHWIRTH, O. Neuzeitliche saatgetreidereinigung. Bas-Rhin Agr. 7:349. July 26,1952. 14 B29
Equipment.

SUGAR AND SIRUPS

88025 AFANASENKO, S. S. One of the reasons of [sugar beet] digestion discrepancies. (In Russian.) Sakh. Promysh. 26(5):30-31. May 1952. 65.8 Sa2

88026 AHLFELD, H. West and East German sugar problems. F. O. Licht's Sugar Inform. Serv. 84(5):1-2. May 31,1952. 66.8 L61
Statistical.

88027 AHLFELD, H. Zur lage der weltzuckerwirtschaft. Agrarwirtschaft 1:169-172. July 1952. 281.8 Ag826

88028 AMERICAN BAKERS ASSOCIATION. Statement on behalf of the major sugar using industries before the Production and Marketing Administration, United States Department of Agriculture, Washington, D. C.; hearing November 29, 1951 on sugar requirements, quotas, and quota deficit for the calendar year 1952. Washington,1951. 8 p. 286.3659 Am3

88029 ANDRES. Die schnellbestimmung von pektin im rohsaft. Zucker 5:207-208. May 1,1952. 65.8 Z82

88030 ANDRES, P. Die rübenzuckerindustrie. Chem.-Ztg. 76:525-528. (Cont.) Aug.5,1952. 384 C427
English summary.
Germany.

88031 BABICH, KH. KH. Method of increasing productivity of vacuum equipment [at Vyshe-Ol'chedanskii Sugar Factory]. (In Russian.) Sakh. Promysh. 26(6):32-33. June 1952. 65.8 Sa2

88032 BARANOVA, N. L. Cooling second molasses in mixer-crystallizers by blowing air outside [with a ventilator]. (In Russian.) Sakh. Promysh. 26(4):22-24. Apr.1952. 65.8 Sa2
Sugar manufacture.

88033 BARRETT, E. P., JOYNER, L. G., and HALENDA, P. P. Granular adsorbents for sugar refining; some factors affecting porosity and activity in service. Indus. & Engin. Chem. 44:1827-1833. Aug. 1952. 381 J825

88034 BAXA, J. La industria azucarera austriaca. Siembra [Madrid] 8(5):28-29. May 1952. 15 Si1

88035 BECKER, D. Untersuchungen über sulfide in getrockneten schnitzeln und deren herkommen. Zucker 5:226-231. Ref. May 15,1952. 65.8 Z82

88036 BUHS, A. Contribution to the question of cellulose from sugarcane bagasse. (In Portuguese.) Rev. de Quim. Indus. 21(240):14-17. Apr.1952. 385 R324

88037 CHAIKOVSKII, V. D. Rationalization of the bagasse tower [at Ol'khovetskii Sugar Factory]. (In Russian.) Sakh. Promysh. 26(4):25-26. Apr.1952. 65.8 Sa2

88038 CHEN, M. P., LOH, C. S., and LEE, K. Y. A primary study on using cane sugar for reducing chrome salts tanning solution. (In Chinese.) Agr. Res. 2(3): 59-64. Sept.1951. 22.5 Ag823
English summary.

88039 CREA, V. The production of sugar and the expansion of beet culture. (In Italian.) Mezzogiorno Agr. 8(25):1-2. June 23/29,1952. 16 M57

88040 DOMINICAN REPUBLIC. COMISIÓN DE DEFENSA DEL AZÚCAR Y FOMENTO DE LA CAÑA. Informe que sobre los resultados de la zafra azucarera de 1951 y acerca de las estimaciones para la zafra de 1952. Ciudad Trujillo,1952. 58 p. 254.8 D7175

88041 DOYLE, B. K. Types of industrial molasses. Flour & Feed 53(3):24. Aug.1952. 298.8 F66

88042 EKEN, M. Über das auftreten von Leuconostoc mesenteroides während der rüben-kampagne 1951/52 in Alpullu. Zucker 5:165-166. Apr.1,1952. 65.8 Z82

88043 FELLMER, H., and FELL, G. Aplicación del método conductométrico al estudio de la producción de ácido cítrico por fermentación de melazas de azúcar con Aspergillus niger. Soc. Chilena de Quím. B. 3:35-54. Dec.1951. 385 So18

88044 FRICKE. Mess- und regelanlagen für die saftreinigung. Zucker 5:232-234. May 15,1952. 65.8 Z82

88045 FRIDMAN, S. E. Acceptance of [sugar] beets according to sugar content. (In Russian.) Sakh. Promysh. 26(4):17-19. Apr.1952. 65.8 Sa2

88046 HESSE. Zuckerindustrie und zuckerrübenanbau in Süd- und Südwestdeutschland. Zucker 5:253-254. June 1,1952. 65.8 Z82

88047 HODGE, J. E., and DAVIS, H. A., comp. Selected methods for determining reducing sugars. U. S. Bur. Agr. & Indus. Chem. AIC-333,66 p. Apr.1952. 1.932 A2Ag82

88048 IBISU, S. On the occasion of sugar decontrol. (In Japanese.) Nōrin Jihō 11(4):24-26. Apr.1952. 22.5 N772

88049 INSTITUTO DO ACUCAR E DO ÁLCOOL. Anuário açucareiro, ano XV—1949/50 [Sugar annual, 15th year—1949/50]. Rio de Janeiro,1951. 160 p. 281.3659 R47

88050 ISAACS, E. S. Duplication of Victoria mill. Sugar 47(8):40-41. Aug.1952. 65.8 F11
Sugarcane situation in Queensland.

88051 JONES, P. E. Sugar—why is the quota low? Confectioners J. 78(931):18,21-22,44. Aug.1952. 389.8 C76
Under the Sugar Act.

88052 KELLER, A. G., and SCHAFFER, F. C. The effect of cane trash on the milling operation. La. U. Engin. Expt. Sta. B. 25,43 p. 1951. 290.9 L9312B

88053 KELLER, A. G., and SCHAFFER, F. C. Evaluation studies on cane varieties; a study of milling characteristics. La. U. Engin. Expt. Sta. B. 24,28 p. 1951. 290.9 L9312B

88054 KHIRNYI, V. P. How we achieved rhythmic operation. (In Russian.) Sakh. Promysh. 26(6):15-16. June 1952. 65.8 Sa2
Sugar manufacture.

88055 KOCH, F. Le sucre de betterave en 1826. Sucr. Franç. 93:99-104. May 1952. 65.8 J82

88056 KUDELÍA, N. N., and CHEREDNIK, V. A. Production cycle of a sugar-refining factory. (In Russian.) Sakh. Promysh. 26(5):21-22. May 1952. 65.8 Sa2

88057 LANG, L. Sugar, its uses and abuses. Confectioners J. 78(931):8,12-14. Aug.1952. 389.8 C76

88058 LEHMANN, K. Zucker-sieb- und sichtmaschinen und ihre anwendung. Zucker 5:180-182,202-206. Apr.15-May 1,1952. 65.8 Z82

88059 LEHMANN, L. A. Consistent production puts dollars in your pockets. Calif. Beet Growers Assoc. B. Sum. 1951:41. 66.9 C12

88060 LINDENBERGH, H. L. J. Sugar production in France. (In Dutch.) Landbouwwereldnieuws 7:469-471. July 26,1952. 12 L237
Sugar beet area.

88061 LOPEZ FERRER, F. A. En defensa del azúcar. Asoc. de Téc. Azucareros de Cuba. B. 11:13-16. Mar. 1952. 65.9 As5B

88062 LUXICH, F. Sugarcane cellulose and the manufacture of paper in bobbins. (In Italian.) Indus. della Carta 6:70A-72A. June 1952. 302.8 In22

88063 MARCELO, S. S. Philippine sugar laws, rules and regulations. Sugar News [Manila] 28:263-269. (Concl.) June 1952. 65.8 Su36

88064 MASLENNIKOV, A. P., and ANDRIANOV, I. O. Control of sugar losses in barometric water. (In Russian.) Sakh. Promysh. 26(5):31-32. May 1952. 65.8 Sa2
Sugar manufacture.

88065 MDINARADZE, A. K. Some results of sugar beet procurements from the 1951 crop in Georgia [U.S.S.R.]. (In Russian.) Sakh. Promysh. 26(5):43-44. May 1952. 65.8 Sa2

88066 MICHAEL, J. Die zuckerindustrie im investitionsgesetz. Zucker 5:183. Apr.15,1952. 65.8 Z82

88067 MINAEV, B. A. Composition of nitrogenous nonsugar. (In Russian.) Sakh. Promysh. 26(6):22-23. June 1952. 65.8 Sa2
Sugar beet and molasses analysis.

88068 MINAEV, B. A. Control of alkalinity of preliminary defecation and first saturation. (In Russian.) Sakh. Promysh. 26(5):27-29. May 1952. 65.8 Sa2

88069 MOLLER A., E. Ante la próxima iniciación de la industria de azúcar de remolacha en Chile. Campesino [Santiago] 84(5):37,39,41. May 1952. 9.3 So12

88070 MOLLER A., E. La futura industria azucarera. Agr. Austral 20:138-141. Apr.1952. 9.3 Ag842
Chile.

88071 MORGANTI, H. Sugarcane, its products and byproducts. (In Portuguese.) Rev. de Quím. Indus. 21 (239):18-20. Mar.1952. 385 R324

88072 MORILLON. Le problème de la betterave. Agriculture [Paris] 16:160-161. June 1952. 14 Ag823

88073 NEMIROVSKII, S. S. Results of inspection on introduction of inventions and suggestions of technicians at sugar factories of Kiev Combine. (In Russian.) Sakh. Promysh. 26(6):9-11. June 1952. 65.8 Sa2

88074 NOBLE, K. F. Mauritius lives on sugar. Foreign Trade 12(291):5-6. July 26,1952. 286.8 C162
Sugar industry and trade.

88075 O'BRIEN, C. H. History of the Australian sugar industry. Austral. Sugar J. 44:239,241,243. (Cont.) June 16,1952. 65.8 Au7

88076 ORAZI, G. D'. The volume of juice and the amount of saccharose in sugar beets. (In Italian.) Indus. Sac. Ital. 45:82-87. Mar./Apr.1952. 65.8 In23

88077 PEREZ LEYBA, F. Evolución de la industria azucarera dominicana. Dominican Repub. Sec. de Estado de Econ. y Com. Rev. 21:24-25. Mar./Apr.1952. 280.9 D712

88078 PHELPS, H. F. The sugar beet industry in the Twelfth Federal Reserve District. Fed. Reserve Bank San Francisco. Mon. Rev., Apr.1951(sup.),18 p. 284.8 F31S

88079 RAVAULT, L. Betteraves, topinambours et alcool. Potase 26:107-108. May/June 1952. 57.8 P84

88080 RIVERA CORREA, M. Producción de pulpa para papel partiendo del bagazo de la caña de azúcar. Rev. Indus. y Fabril 7:200-210. Apr.1952. 297.8 R322

88081 SAMSONOV, A. V. Practices of drivers-innovators. (In Russian.) Sakh. Promysh. 26(5):13-16. May 1952. 65.8 Sa2
Sugar beet transportation.

88082 SANDLER, M. A. Lenin Sugar Factory is increasing its productive capacity. (In Russian.) Sakh. Promysh. 26(6):20-22. June 1952. 65.8 Sa2

88083 SAVKO, D. P., and others. Utilization of inside production potentialities. (In Russian.) Sakh. Promysh. 26(6):17-20. June 1952. 65.8 Sa2
D. B. Bramnik, M. Z. Khelemskii, and L. E. Fleishman, joint authors.
Bol'she-Gribanovskii Sugar Factory.

88084 SCHLUBACH, H. H., and HAUSCHILDT, P. Enteiweissung eines pflanzensaftes durch ionenaustauscher. Justus Liebig's Ann. der Chem. 577:54-59. July 12,1952. 384 An7
Sugar beets.

88085 SCHWIETER, A. Trocknung mit ultraroten strahlen. Zucker 5:278-282. June 15,1952. 65.8 Z82
Sugar beets.

88086 SHUMEIKO, I. P. Achievements of the association of Veselo-Podolianskii Sugar Factory. (In Russian.) Sakh. Promysh. 26(6):13-14. June 1952. 65.8 Sa2

88087 THIES, H. Die geschichte des handelszuckers. Deut. Bienenwirt. 3:46. Mar.1952. 424.8 D489

88088 THIES, H. Die gewinnung des zuckers aus der zuckerrübe. Deut. Bienenwirt. 3:132-135. July 1952. 424.8 D489

88089 TROJE, E. Übertriebene ertragsrichtung im zuckerrübenbau gefährdet die einheimische zuckerproduktion. Zucker 5:225-226. Ref. May 15,1952. 65.8 Z82
Germany.

88090 ULRICH, K. Die süsskraft der künstlichen und natürlichen süssstoffe. Zucker 5:236-239. Ref. May 15, 1952. 65.8 Z82

88091 U. S. AGRICULTURAL RESEARCH ADMIN. Report of current progress of sugar research programs. Washington,1951? 26 p. 1.98 R2922

88092 U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of refiners' sirup. Washington,1952. 6 p. 1.956 A2Un3243
Cane or beet sugar.

88093 U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of sugarcane sirup. Washington,1951. 8 p. 1.956 A2Un3244

88094 VAÍSMAN, M. L. Utilization of steam-jet compressors at sugar factories. (In Russian.) Sakh. Promysh. 26(5):23-27. May 1952. 65.8 Sa2

88095 VASIL'EV, I. P. Bagasse shipping at Novo-Tavolzhanskiĭ Sugar Factory. (In Russian.) Sakh. Promysh. 26(5):34. May 1952. 65.8 Sa2

88096 VÁZQUEZ, E. A. Bagazo sobrante en la fabricación de azúcar de caña. Asoc. de Téc. Azucareros de Cuba. B. 11:17-24. Mar.1952. 65.9 As5B

88097 VIL'CHINSKII, S. T. Urgent needs of the [sugar] factory laboratory. (In Russian.) Sakh. Promysh. 26(6):11-12. June 1952. 65.8 Sa2

88098 VINOGRADOV, N. V. Beet sugar industry in postwar years in U.S.S.R., countries of people's democracies, and capitalist countries. (In Russian.) Sakh. Promysh. 26(4):27-30. Apr.1952. 65.8 Sa2

88099 VINOGRADOV, N. V. Problems of organizing the sugar industry in the area of the great projects of communism. (In Russian.) Sakh. Promysh. 26(5):36-40. May 1952. 65.8 Sa2

88100 WALTERS, F. L. Varying aspects of sugar company earnings prospects. Mag. Wall St. 90:488-489, 505-506. July 26,1952. 286.8 M27

88101 WILLCOX, O. W. India's vast gur industry. Sugar 47(8):31-32. Aug.1952. 65.8 F11

TOBACCO

88102 ABELL, C. LPG curing revolution in Tobaccoland! Butane-Propane News 14(8):53-58. Aug.1952. 309.8 B97

88103 ALFRED, G. A. Sales have steadily increased in N. C.'s largest single-sale market—Goldsboro. Tobacco [New York] 135(5):153. July 31,1952. 286.89 T552

88104 ASKEW, H. O. Flue-cured tobacco. VI. New Zeal. J. Sci. & Technol. A, Agr. Res. Sect. 34: 17-35. Ref. June 1952. 514 N48A

88105 BOLSUNOV, I. Austria is growing new varieties of nicotine-poor and nicotine-rich leaf. Tobacco [New York] 135(5):65,160. July 31,1952. 286.89 T552

88106 BOOTH, J. T. Winston Tobacco Board of Trade presents the story of tobacco. Tobacco [New York] 135(5):88-89,91,93,156. July 31,1952. 286.89 T552

88107 BOSWELL, A. B. Wilson market is approaching 100,000,000 pounds in its continual upward movement. Tobacco [New York] 135(5):19,21,23,25-27. July 31,1952. 286.89 T552

88108 BUKOR, O. Mathematische statistik und ihre anwendungsmöglichkeit in der tabakindustrie. Austria. Gendir. der Tabakregie. Fachl. Mitt. 1952(2):13-16. June 1952. 286.89 Au7F

88109 CHAPMAN, P. W. Tobacco—the South's billion dollar weed. Prog. Farmer, Ga.-Ala.-Fla. Ed. 67(8):18, 100-101. Aug.1952. 6 P945G

88110 COCKMAN, B. Fabulous tobacco crop. Family Herald & Wk. Star 83(31):3,13. July 31,1952. 7 F21
The industry in Canada.

88111 CRAGGS, V. H. Phenomenal improvement of Latin American manufacturers is shown in their products. Tobacco [New York] 135(5):17,133. July 31,1952. 286.89 T552

88112 CUBA. COMISIÓN NACIONAL DE PROPAGANDA Y DEFENSA DEL TABACO HABANO. DEPT. DE ESTADÍSTICA. Producción agrícola, consumo y exportación de tabaco en rama y manufacturado de Cuba desde 1937 hasta 1951. Habano,1951. 5 p. 286.369 C892
Statistics.

88113 FONSECA, A. P. DA. Exportadora Hennig S. A., Brazil, has made great strides forward in the past 62 years. Tobacco [New York] 135(5):109,158. July 31,1952. 286.89 T552

88114 FRY, J. K. Tennessee's Greeneville market now delivers top quality burley over and over again. Tobacco [New York] 135(5):139,168. July 31,1952. 286.89 T552

88115 GARTNER, C. La transformation des tabacs produits en Hongrie en matière stimulante. Rev. Internatl. des Tabacs 27:123-125,127. June/July 1952. 69.8 R324

88116 HÖLLIGE, W. A. Die entwicklung der tabakwaren-kopfquoten in Österreich seit dem jahre 1923. Austria. Gendir. der Tabakregie. Fachl. Mitt. 1952(2):16-19. June 1952. 286.89 Au7F

88117 HUNT, R. When necessary, use heat. Prog. Farmer, Ky.-Tenn.-W.Va. Ed. 67(8):20,97. Aug.1952. 6 P945K

88118 JOHNSTON, E. G., JR. Rocky Mount, North Carolina's bright tobacco market opens its doors August 21, 1952. Tobacco [New York] 135(5):57,59,61,63-64. July 31,1952. 286.89 T552

88119 MEISNER, F. Anerkannte Schneidegut-Tabakbauvereine. Bad. Landwirt. Wchnbl. 119:534. Aug.2, 1952. 18 B142

88120 NAZARETIAN, G. N. Flue-cured gaining popularity in Egypt; future market bears close examination. Tobacco [New York] 135(5):34. July 31,1952. 286.89 T552

88121 PATEL, M. S., and NAIR, K. P. S. Tobacco in Orissa. Indian Tobacco 2:35-41. Jan./Mar.1952. 69.8 In2

88122 PRONI, G. Production and world commerce of tobacco. (In Italian.) Tabacco 56:99-109. Apr.1952. 69.8 T115

88123 RANKIN, R. C. Either export or domestic leaf—Mullins can meet the needs of most bright leaf buyers. Tobacco [New York] 135(5):110-113,156. July 31,1952. 286.89 T552

88124 RICHARDS, H. Statistics alone do not present the true picture of burley and dark-fired stocks. Tobacco [New York] 135(5):142-143,157. July 31,1952. 286.89 T552

88125 ROCKWELL, G. R. Flue-cured tobacco: price differences among types 11 (a)-13. U. S. D. A. Mktg. Res. Rpt. 9,12 p. 1952. 1 Ag84Mr

88126 SINGH, J. Some interesting facts about consumption of tobacco in foreign countries with particular reference to the United Kingdom with changes in duty per lb. and prices of tobacco. Indian Tobacco 2:43-46. Jan./Mar.1952. 69.8 In2

88127 VAN DYNE, G. W. Tobacco situation in southern and southeastern Asia. U. S. Off. Foreign Agr. Relat. Foreign Agr. Rpt. 68,58 p. June 1952. 1.943 F763
Includes trade statistics.

88128 WESTBROOK, E. C. Flue-cured tobacco depends upon quality production to keep world market demand. Tobacco [New York] 135(5):131-133. July 31, 1952. 286.89 T552

88129 WHEDBEE, W. L. Greenville, North Carolina, U. S. A., known as the greatest tobacco center in the world. Tobacco [New York] 135(5):95,97-99,154. July 31, 1952. 286.89 T552

88130 WITHERINGTON, R. S. Kinston's constant improvement is shown by its standing among flue-cured markets. Tobacco [New York] 135(5):67,69,71,73-75. July 31,1952. 286.89 T552

MISCELLANEOUS PRODUCTS

88131 DIEUZEIDE, R., and NOVELLA, M. Essai sur la technique des salaisons de poissons. Ed. 2, rev. and enl. Algeria. Insp. Gén. de l'Agr. Doc. et Renseign. Agr. B. 167,280 p. 1951. 24 AL34

88132 DIEUZEIDE, R., and NOVELLA, M. La technique du fumage du poisson. Algeria. Insp. Gén. de l'Agr. Doc. et Renseign. Agr. B. 169,55 p. 1951. 24 AL34

88133 GETS bigger output, better quality with rotary hop strainer. Food Engin. 24(8):92-93. Aug. 1952. 389.8 F737

88134 JUL, A. M. Twelve years progress in the canning of fishery products. (In Danish.) Konserves 10: 49-56. Ref. May 1952. 389.8 K835

88135 NICOLINI, G. Situation and outlook for Italian floriculture. (In Italian.) B. dell'Agr. 86(28):1-2. July 11,1952. 16 B87

88136 PACKING and shipping of western flowers. Good Packaging 13(7):186-192. July 1952. 280.38 G59

88137 TROTTER, W. K. Supply-price relationships on the New York City wholesale flower market. N. Y. Agr. Col. A. E. 828,9 p. July 1952. 281.9 C81

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

References on farm structures and rural housing are classified with Agricultural Engineering.

GENERAL

88138 ASSOCIAZIONE FRA LE SOCIETÀ ITALIANE PER AZIONI. Relazione generale sulla situazione economica dell'Italia [General report on the Italian economic situation]. Assoc. fra le Soc. Ital. per Azione. Serv. di Doc. 1,48 p. May 26,1952. 280.9 As74
Includes agriculture.

88139 BAR, A. L. S. Economic problems in Argentina. (In Dutch.) Landbouwwereldnieuws 7:371-373. June 14,1952. 12 L237
Agricultural.

88140 BLACK, J. D. Required economics for agriculture students. J. Farm Econ. 34:325-332. Aug.1952. 280.8 J822

88141 CHAPUIS, J. Évolution de l'économie agricole en Colombie. Cahiers des Ingén. Agron. 7(2):33-36. 1952. 14 C112

88142 CHAVES, A. DA C. Geo-economic aspects of Amazonia. (In Portuguese.) Soc. de Geog. de Lisboa. B. 70:7-18. Jan./Mar.1952. 506 L68
English summary.
Includes agricultural material.

88143 CHRISTENSEN, J. Agriculture a prominent factor in State's economic welfare for over two centuries. Conn. Farmer 7(3):9,19. Aug.1952. 6 C763

88144 FRANCE. DIRECTION DE LA DOCUMENTATION. L'évolution économique du Canada, 1940-1951. France. Dir. de la Doc. Notes et Études Doc. 1629,32 p. July 10,1952. 280.9 F843
Includes agriculture.

88145 FRANCE. DIRECTION DE LA DOCUMENTATION. La situation économique des départements d'outre-mer: Martinique et Guadeloupe. France. Dir. de la Doc. Notes et Etudes Doc. 1633,31 p. July 19,1952. 280.9 F843
Includes agriculture.

88146 GÁLVEZ, E. El Estado de San Luis Potosí y sus condiciones económicas. Rev. de Econ. 15:156-160. May 1952. 280.8 R3293
Agricultural.

88147 GORDON, D. M. Perú; economic and commercial conditions in Peru. London,Bd. of Trade,1952. 90 p. (Overseas Economic Surveys) 255 G792
Includes agriculture.

88148 HAAK, A. H. Technical assistance. (In Dutch.) Landbouwwereldnieuws 7:405-409. June 28,1952. 12 L237
From the United Nations.

88149 HJELM, L. The investigation into agricultural economic conditions. (In Swedish.) Jordbrekon. Meddel. 14:209-216. June 1952. 257.3 J76
English summary, p. 208.

88150 HJELM, L. Reorganization of farm economic research. (In Swedish.) Lantmannen 36:527-529. July 5,1952. 11 L234

88151 INDIAN SOCIETY OF AGRICULTURAL ECONOMICS. Proceedings of the twelfth conference held at Gwalior, November 1951. Indian J. Agr. Econ. 7,198 p. Mar.1952. 281.8 In2

88152 JORDAN, G. L. Economic philosophy as applied to agriculture. Ill. Farm Econ. 204:1357-1363. May/June 1952. 275.28 IL5

88153 KHAN'KOVSKII, A. Failure of the legend on the prosperity of American farmers. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(5):47-57. May 1952. 281.8 So73

88154 LAFOREST, H. Les études d'économie rurale aux Etats-Unis. France. Min. de l'Agr. B. Tech. d'Inform. 71:447-468. July 1952. 14 F844B

88155 L'ÉCONOMIE de la région de la Durance vue a travers sa population. France. Inst. Natl. de la Statis. et des Études Écon. B. Mens. de Statis. Sup., (n.s.) July/Sept.1952:64-88. 260 St22B
Includes agriculture.

88156 LEGG, H. J. Bolivia; economic and commercial conditions in Bolivia. London,Board of Trade,1952. 36 p. (Overseas Economic Surveys) 255.2 G79
Includes agriculture.

88157 LINDSTROM, D. E. From hunger to plenty—Sweden's experience. Rur. Missions 83:5. Summer 1952. 281.28 Ag8
Economic changes.

88158 MELAN, H. J. The Belgian Congo—a mouthful for the American imperialists. Interagra 6:258-260. 1952. 28 In825
The agricultural economy.

88159 MELAN, H. J. A sweet land of bitter hunger. Interagra 6:261-263. 1952. 28 In825
Economic conditions in Puerto Rico.

88160 PHILIPP, R. Das erweiterte technische hilfsprogramm. Food & Agr. Organ. United Nations. Austrian Natl. Com. Mitt. 4:1-7. 1952 281.9 F732

88161 RAPER, A. Is there "a new South?" New Repub. 127(7):9-11. Aug.18,1952. 280.8 N42
The agricultural economy.

88162 REYNOLDS, Q. Self-help and our future. Conn. Dairymen's Assoc. Rpt. Proc. 71:82-87. 1952. 44.9 C769
Economic.

88163 SANDERSE, P. D. War damage. (In Dutch.) Fruitteelt 42:558-559. July 17,1952. 86 N28
Compensation to fruit growers for war damage.

88164 SVENSKA HANDELSBANKEN. Economic survey,1951. Stockholm,1952. 60 p. 280.9 Sv2
Includes agriculture.

88165 VAUGHAN, G. E. Portuguese East Africa (Moçambique); economic and commercial conditions in Portuguese East Africa (Moçambique). London,Bd. of Trade,1952. 83 p. (Overseas Economic Surveys) 270 G792P
Includes agriculture.

88166 WAGEMANN WIEDENBURG, G. Estudio económico de la Provincia de Concepción. Economia 12 (38):50-71. Mar.1952. 280.8 Ec734
Includes agriculture.

88167 WILDEMAN, H. A. Introduction to the theme: "What is the significance to trade and industry of the green plan for a European agricultural association?" (In Dutch.) ZHI—Meded. 52:12-15. June 1952. 280.8 Z1

88168 YAMAUCHI, T. Economic researches of areas subject to drought in Hyogo-Ken. (In Japanese.) Nogyo Sogo Kenkyu 6(2):203-243. Apr.1952. 22.5 N687

88169 ZIMMERMANN, J. Stadt und land—alle mitenand! Bauern-Ztg. 5(27):13. July 4,1952. 18 B324
Germany.

AGRICULTURAL FINANCE

88170 CONFÉDÉRATION GÉNÉRALE DE L'AGRICULTURÉ. DIV. DE LA RENTABILITE. Le capital d'exploitation. France. Min. de l'Agr. B. Tech. d'Inform. 69: 317-321. May 1952. 14 F884B

88171 MARTENS, A. Le capital d'exploitation à la ferme. Sillon Belge 22(515):1,3. June 28,1952. 13 Si3

88172 NORIN KINYUKA. Norin kinyu yoran [Guide book of agriculture and forestry finance]. Tokyo,1951. 705 p. 269.7 N77

Credit

88173 AGRICULTURAL BANK OF TASMANIA. Annual reports of the Board of Management and of the Closer Settlement Board for the year ended 30th June, 1951, to which are appended statement of accounts and other information. Hobart,1951. 38 p. 284.29 Ag8

88174 ALL-INDIA RURAL CREDIT SURVEY. COMMITTEE OF DIRECTION. General questionnaire on agricultural credit. Reserve Bank India. B. 6:382-386. May 1952. 284.9 R31B

88175 BANCA NAZIONALE DELL'AGRICOLTURA. Relazioni e bilancio al 31 dicembre 1951. XXX° esercizio [Reports and balance as of December 31, 1951, XXXth season]. Roma,1952. 29 p. 284.29 B2233

88176 BANCO AGRÍCOLA DEL PERÚ. Memoria, 20° ejercicio, 1950-1951. Lima?1951? 21 p. 284.29 B2254

88177 BANCO HIPOTECARIO DEL URUGUAY. Memoria correspondiente al 58° ejercicio,año 1949. Montevideo,1951. 102 p. 284.29 B2275
Includes figures for rural mortgages.

88178 BERKELEY BANK FOR COOPERATIVES. Report to stockholders, 1951. Berkeley,1952. 15 p. 284.29 B45

88179 BRONNEN, H. Agrarkredit und leistungssteigerung. Übersicht 3(6):3-7. June 1952. 18 Ub3
Germany.

88180 CAVINA, R. What is agricultural credit? (In Portuguese.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:175. June 1952. 44.8 B634

88181 DAVIS, C. O., JR. Should country banks try a five-day week? Bank News 52(40):17-18,20. Aug.15, 1952. 284.8 B224

88182 DIESSLIN, H. A farm program for your bank. Bankers Mon. 69(7):26-29. July 1952. 284.8 B223

88183 DIGNAN, E. J. 10 safeguards for sound farm credit. Nowest. Banker 57(780):21,40,42. July 1952. 284.8 N81

88184 EVANS, S. C. The future of agricultural financing. Tex. Agr. Workers' Assoc. Proc. 25:12-18. 1952. 4 T314

88185 FARRINGTON, R. L. How to get a loan from banks for co-ops. Grain Prod. News 4(12):17-19. July 1952. 286.81 G764

88186 FEDERAL LAND BANK OF WICHITA. President's report fiscal year 1952. Wichita,1952. 37 p. 284.29 F319

88187 FRANCE. CAISSE NATIONALE DE CREDIT AGRICOLE. Rapport sur la situation du crédit agricole mutuel au 31 décembre 1951. Paris,1952. 57 p. 284.29 F84S

88188 FRANCIS, D. R. A sound, practical plan for loan participations. Mid-West. Banker 46(8):6-10. Aug.1952. 284.28 B222
Agricultural credit.

88189 GENERAL MORTGAGE BANK OF PALESTINE. Thirtieth annual report of the Board of Directors. Econ. News 4:132-140. June 1952. 280.8 Ec797

88190 HAMMOND, J. Let's not guarantee growers' incomes. N. H. Breeder & Broiler Grower 15(2):12-13. July 1952. 47.8 N45
Credit.

88191 HASS, H. C. Central Wisconsin bankers promote land judging and soil conservation. Mid-West. Banker 46(7):9-10. July 1952. 284.28 B222

88192 HORAN, W. Credit needs in Columbia Basin area. Skagit Co-op Dairyman 29(10):12-14. June 1952. 280.28 Sk1

88193 JAUMES, L. Équipement agricole collectif des Bouches-du-Rhone. Bouches du Rhône Agr. 24(1076): 5. (Cont.) June 15,1952. 14 B662
Credit.

88194 OHIO BANKERS ASSOCIATION. Proceedings of the 61st convention held in Columbus, June 4-5, 1952; also the year book of the Association. Ohio Banker 45(5), 78 p. July 1952. 284.8 Oh3

88195 OSUUSKASSOJEN KESKUS OY (CENTRAL BANK FOR CO-OPERATIVE AGRICULTURAL CREDIT SOCIETIES). Annual report 1951. Helsinki,1952. 33 p. 284.29 Os8

88196 RIVES, C. Rôle de la mutualité agricole dans l'économie montagnarde. Fed. Pyrén. d'Écon. Montagn. Ann. 13:107-112. 1952. 280.9 F312
Credit and insurance in France.

88197 U. S. FARMERS HOME ADMIN. Annual report, Louisiana, 1951. Alexandria,La.,1951? 8 p. 1.949 An76
Agricultural credit.

88198 U. S. FARMERS HOME ADMIN. Farm ownership loans. U. S. D. A. PA-62,rev.,7 p. 1952. 1 Ag84Pro

88199 U. S. FARMERS HOME ADMIN. The Minnesota story; a report on activities of the Farmers Home Administration in Minnesota for the fiscal year 1951. St. Paul, 1951. 11 p. 1.949 M664
Agricultural credit.

Income

88200 HOWELL, H. B., and BIVENS, G. E. Farm income and costs, 1951. Iowa. State Col. Agr. Ext. Iowa Farm Sci. 7:23-25. Aug.1952. 275.28 Io94

88201 METZDORF, H. J. Einzeleinkommen und familieneinkommen. Agrarwirtschaft 1:175-179. July 1952. 281.8 Ag826
Germany.

88202 SINDJELIĆ, M. New economic measures and structure of monetary income of villages. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(1):54-58. Jan. 1952. 21.5 So1
Yugoslavia.

88203 WALTERS, F. R. Record farm cash income in 1952? Mag. Wall St. 90:522-523,557. Aug.9,1952. 286.8 M27

Insurance

88204 BARKSDALE, J. F. Cotton ginners and the cost of insurance. Cotton Gin & Oil Mill Press 53(15): 24,26,31. July 19,1952. 304.8 C822

88205 BAY, L. Treatment of nuisance lightning claims. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:200-201. 1951. 284.69 N19

88206 BECKERICH, A. Assurances sociales agricoles. Agr. Prat. 116:354. July 1952. 14 J82
France.

88207 BERNASCONI, G. Two sentences. (In Italian.) Rass. dell'Agr. Ital. 7(5):13-14. May 1952. 281.8 R18
Changes in social security payments.

88208 BOTTS, R. R. Safety funds and reinsurance. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:132-139. 1951. 284.69 N19
Farm insurance.

88209 BRATTON, C. A. Pointers on your life insurance program. N. Y. Agr. Col. A. E. 833,6 p. July 1952. 281.9 C81

88210 BRYANT, J. S. Asphalt roofing products. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:214-217. 1951. 284.69 N19
In relation to windstorm insurance.

88211 CAVINA, R. Agricultural insurance. (In Portuguese.) Lavoura 56:22-24. May/June 1952. 9.2 L39
Brazil.

88212 COOPER, E. L. Agents as auxiliary adjusters. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:230-232. 1951. 284.69 N19
Farm mutual insurance.

88213 DAVIS, J. I. Controlling price trends during catastrophic conditions. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:235-237. 1951. 284.69 N19
Rates in wind or hail insurance.

88214 DUGGAN, F. A rating bureau for mutual hail insurance companies. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:207-210. 1951. 284.69 N19
Includes discussion.

88215 EPITROPOU, A. La prévoyance sociale en faveur des éleveurs. (In Greek.) Hellen. Kteniatrikes Hetaireias. Delt. Ser. B 2:78-83. Apr./June 1952. 41.9 So18

88216 ESTEBAN, A. La cotización de los obreros agrícolas. Agricultura [Madrid] 21:324-326. June 1952. 15 Ag84
Social security in Spain.

88217 FRENK, R. H. Crop hail statistics and their use. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55: 204-207. 1951. 284.69 N19

88218 GIESE, H. Minimizing asphalt roofing losses. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:217-223. 1951. 284.69 N19
Windstorm damage.

88219 GOTTSCHE, H. Die sterbekasse des Landesverbandes Niedersächsischer Molkerei- und Käsereifachleute. Molk.- u. Käserei-Ztg. 3:806. June 26,1952. 44.8 M736

88220 HARRINGTON, G. W. Mechanics for handling large claim volume. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:232-235. 1951. 284.69 N19
Windstorm insurance.

88221 KEENEY, L. G. Research and the farm fire mutual. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:161-163. 1951. 284.69 N19

88222 KIMBALL, W. A. The N. F. P. A. [National Fire Protection Association] and farm fire safety. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:182-185. 1951. 284.69 N19

88223 KRAUTER, P. Underwriting the television antenna risk in Ohio. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:229. 1951. 284.69 N19

88224 LAIDLAW, C. S. Report of Committee on Federal Crop Insurance. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:130-132. 1951. 284.69 N19

88225 LYNN, D. C. Recent experience with windstorm deductible. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:238-240. 1951. 284.69 N19

88226 MARSAL, J. La loi de finances du 14 avril 1952 et les agriculteurs. Motorisation Agr. 7:302-304. June 1952. 58.8 M85
Measures relating to social security and taxation in France.

88227 MARTENS, A. L'extension de la sécurité sociale aux indépendants; avantages et inconvénients des régimes d'allocations familiales et des pensions. Sillon Belge 22(515):5; ((516):7. (Concl.) June 28-July 5,1952. 13 Si3

88228 MORRILL, T. C. State farm surveys. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:57-67. 1951. 284.69 N19

88229 MYER, E. H. Keeping the insurance contract up-to-date. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:186-189. 1951. 284.69 N19

88230 NATIONAL ASSOCIATION OF MUTUAL INSURANCE COMPANIES. Proceedings and papers, the fifty-fifth annual convention, Hotel Statler, Detroit, Mich., September 30 thru October 5, 1951. Indianapolis, 1951. 275 p. 284.69 N19
Includes farm insurance.

88231 PERGOLESI, A. The revaluation of the unified contribution in share farming. (In Italian.) Riass. dell'Agr. Ital. 7(5):1-4. May 1952. 281.8 R18

88232 PETERSON, C. Advertising the small farm mutual. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:180-182. 1951. 284.69 N19

88233 REQUARTTE, H. J. Research and the farm windstorm mutual. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:164-165. 1951. 284.69 N19

88234 RODDA, W. H. Broadened and extended coverage in the farm mutual. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:166-171. 1951. 284.69 N19

88235 ROMATIF, F. L'assurance sociale des exploitants agricoles. Fiches Rur. 82:13-16. July 1952. 281.8 F44
France.

88236 RUTLEDGE, M. D. Research and the farm hail mutual. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:165-166. 1951. 284.69 N19

88237 SAEGER, DE. Assurances sociales aux travailleurs indépendants. Soc. Cent. d'Agr. de Belg. J. (n.s.)99(2):3-20. 1951/52. 13 So1
Includes discussion.
Belgium.

88238 SAITO, S. Regarding the amendments to the State-operated forest fire insurance law. (In Japanese.) Nōrin Jihō 11(4):9-11. Apr.1952. 22.5 N772
Japan.

88239 SAWYERS, T. Responsibilities of management. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:192-196. 1951. 284.69 N19
Farm mutual insurance.

88240 STAPEL, J. C. Legislation and the farm mutual. Natl. Assoc. Mutual Ins. Co. Proc. & Papers 55:175-177. 1951. 284.69 N19

88241 U. S. FEDERAL CROP INSURANCE CORPORATION. Loss adjustment manual for multiple crops for 1952 and succeeding crop years. Washington,1952. 25 p. 1.952 L898

88242 WIDBIELKE. Die gesetzliche unfallversicherung für die tätigkeit in betrieben der landwirtschaft und in deren nebenbetrieben. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1135. July 24,1952. 18 L2346

Taxation

88243 AGNEW, A. Tips on taxation: what concessional deductions can you claim from your assessable income? Westralian Farmers Co-op Gaz. 22:309-310. May 1952. 280.28 W522

88244 BEHRLE. Ratschläge zur einkommensteuererklärung 1951. Bauern-Ztg. 5(29):4. July 18,1952. 18 B324
Germany.

88245 BELL, E. A. Tax concession is due over foot-and-mouth compensation. Farmer & Stock-Breeder 66 (3277):33,35. Aug.12,1952. 10 F228

88246 DURAND-REVILLE, L. La paysannerie d'outre-mer appelée à payer une notable partie de l'allocation vieillesse du paysan métropolitain, pourtant mieux nanti que le paysan noir. Marchés Colon. du Monde 8: 1689-1690. June 21,1952. 286.8 M33

88247 EMBREE, W. D., JR. Federal income taxation as it applies to the raising and sale of livestock. Mont. Stockgrower 24(7):11,14-15,17. July 15,1952. 49 M76

88248 FRENSEL, O. Consumer tax on domestically produced milk products. (In Portuguese.) B. do Leite (ser.4)5(57):7-9. Mar.1952. 44.8 B633
Brazil.

88249 HART, S. H. Tax agents attack constant prices. Calif. Cattleman,Aug.1952:8-9. 43.8 C12

88250 HEREDIA STRATT, R. Orientación tributaria: presentación de balances agrícolas. Mensajero Agr. 72/73:70-71. Apr./May 1952. 9.8 M52
Peru.

88251 KREMNITZ. Landwirtschaft und einkommensteuer-richtlinien 1951. Württemb. Wchnbl. f. Landwirt. 119:659-660. July 19,1952. 18 W96

88252 KRIEBER, F. Grundsteuerhebesätze. Bauer 5(24):4. July 5,1952. 19 B32
Austria.

88253 LAUX, A. Zur lohnsteuerpflicht landwirtschaftlicher arbeitnehmer. Landwirt. Wchnbl. 142:810. July 19,1952. 18 L2338
Germany.

88254 LOVE, H. M., and others. Farmer's 1951 income tax. Miss. State Col. Ext. P. 206,28 p. Dec.1951. 275.29 M68Ext
E. Gambill, W. L. Turner, and E. P. Callahan, joint authors.

88255 MARESCALCHI, C. The new consumer taxes and incidence on wine prices. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(63):1-2. July 26,1952. 281.8 Ag3

88256 PEYRONNET, R. La viticulture et le nouvel impôt forfaitaire en Algérie. Rev. Agr. de L'Afrique du Nord 50:241-244. Apr.18,1952. 80 R326

88257 PROUST, R. La ristourne sur les carburants agricoles. Tarn-et-Garonne Agr. 15:52. Mar.1952. 14 T17

88258 SALUSTI, E. The "expropriation" law against the surplus inheritance tax. (In Italian.) Mondo Agr. 3(25):4. June 22,1952. 16 M74

88259 SCHELL, H. Saatgutvermehrung und umsatzsteuer. Saatgut-Wirt. 4:110-112. May 1952. 61.8 Sa1

88260 SCHMID, G. Getränkesteuer — weinpropaganda ausschankpreise. Schweiz. Z. f. Obst- u. Weinbau 61: 311-313. Aug.9,1952. 80 Sch9

88261 SIJTSMA, P. Taxation questions. 61. (In Dutch.) Friesch Landbbl. 49:388. June 20,1952. 12 F91

88262 SIJTSMA, P. Taxation questions. 62. (In Dutch.) Friesch Landbbl. 49:400. June 27,1952. 12 F91

88263 SIJTSMA, P. Taxation questions. 63. (In Dutch.) Friesch Landbbl. 49:408. July 4,1952. 12 F91

88264 SIJTSMA, P. Taxation questions. 64. (In Dutch.) Friesch Landbbl. 49:420. July 11,1952. 12 F91

88265 SIJTSMA, P. Taxation questions. 65. (In Dutch.) Friesch Landbbl. 49:428. July 18,1952. 12 F91

88266 SMITH, R. S. Tax problems in transferring farms. N. Y. Agr. Col. A. E. 830,14 p. July 1952. 281.9 C81

88267 U. S. CONGRESS. HOUSE. COMMITTEE ON WAYS AND MEANS. Repeal of 3 cents per pound processing tax on coconut oil. Hearing, 82d Cong., 2d sess. on H. R. 6292, a bill to amend certain sections of chapter 21 of the Internal Revenue Code, and for other purposes, June 24, 1952. Washington,1952. 118 p.

AGRICULTURAL LABOR AND WAGES

88268 ALVIM, D. DE R. The peon. (In Portuguese.) Rev. de Agr. [Piracicaba] 27:195-198. May/June 1952. 9.2 R324
Brazil.

88269 ALVIM, D. DE R. The peon. (In Portuguese.) Seleç. Agr. 7(72):54-56. Apr.1952. 9.2 Se4
Brazil.

88270 ARKEMA, P. W. B. Management of harvesting operations. (In Dutch.) Groninger Landbbl. 30(29):13. July 17,1952. 12 G892
Work management and use of equipment.

88271 BECKERICH, A. Réglement du prix des binages de betteraves en 1952. Agr. Prat. 116:304. June 1952. 14 J82
France.

88272 BERNHARDSEN, G. Is the length of time per unit of work an adequate indication of the expenditure of effort involved in the operation? (In Norwegian.) Nord. Jordbrforsk. 34:20-35. 1952. 11 N752
English summary.

88273 CANADA. DEPT. OF LABOUR. ECONOMICS AND RESEARCH BR. Annual report on wage rates and hours of labour in Canada, October 1950; report No. 33. Ottawa,1952. 140 p. 283.9 C16W
Contains an appendex: Wages in agriculture.

88274 CARLSON, O. Up from the dust; California's "Okies" and "Arkies" are no longer the outcasts of yesteryear; under America's system of free opportunity for all, they have made a strong come-back. U. S. A. 2(2):97-104. Aug.1952. 134.8 Un3

88275 DAHM, K. Material zur landarbeiterfrage in Westdeutschland. Ber. über Landwirt. (n.s.)30:219-246. 1952. 18 G31

88276 DAHM, K. Sozialverhältnisse der landwirtschaftlichen arbeitskräfte in Schweden. Ber. über Landwirt. (n.s.)30:277-280. 1952. 18 G31

88277 DOHERTY, A. The need for efficiency in farming. Farmers' J. (n.s.)3(10):28-29. Aug.1952. 10 F2234

88278 GALANG, F. G. A survey of the labor required in the production of some important crops in different provinces of the Philippines. Philippine J. Agr. 15:297-309. Third/Fourth Q. 1950,pub.1952. 25 P543

88279 GARD, W. Bracero revision favors ranchmen. Cattleman 39(3):166,168. Aug.1952. 49 C29

88280 GRABO, P. Working hours and time off in farm homes. (In Swedish.) Lantmannen 36:573-575. July 19,1952. 11 L234
Of women.

88281 JUNKER, A. Mähdrusch im lohnverfahren. Tech. f. Bauern u. Gärt. Ausg. A 4:272. June 25,1952. 58.8 T223

88282 JUSCAFRESA, B. Quien al tiempo tiempo da, tiempo le faltará. Ceres [Valladolid] 17(193):32-33. July 1,1952. 15 C33
Work management on the farm.

88283 KARNAUKHOVA, E. S., and ROGOZIN, G. M. Organizatsiia i oplata truda na zhivotnovodcheskikh fermakh kolkhozov [Organization and payment of labor on the livestock raising farms of the collective farms]. Moskva,Gos. Izd-vo Selkhoz Lit-ry,1951. 47 p. (Trëkhletnie Agrozootekhnicheskie Kursy. 1st Year of Study) 283 K143

88284 KRAINIUK, P. Size of field cultivating brigades on collective farms. (Exemplified by collective farms in Dnepropetrovsk Region). (In Russian.) Sotsialist. Sel'sk. Khoz. 23(5):41-46. May 1952. 281.8 So73

88285 LANCELET, J. A propos de la rationsalisation du travail en laiterie. Tech. Lait. 8(109):24-25,27, 29; (110):17-20. July 8-23,1952. 44.8 Of2

88286 LAURSEN, R. Orchard time and motion study. (In Danish.) Erhvervsfrugtavleren 18:277-280. July 1, 1952. 80 Er3

88287 LINEVICH, V. Problems in the organization of field cultivating brigades on the collective farms. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(5):34-40. May 1952. 281.8 So73

88288 LOBANOVA, A. A. Organization of work of milkmaids in two shifts on the collective farm cattle farms. (In Russian.) Sovet. Zootekh. 7(3):48-52. Mar. 1952. 49 So822

88289 LUSCOMBE, H. M. How Aussies cope with the [farm] labour shortage. Merino Breeders' J. 13(3):8,10, 16. July 1951. 45.8 So8

88290 MELSE, J. K. Labor supply in agriculture. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:220-223. June 1952. 12 N383M

88291 MUNDE. Landarbeit—ein problem? Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1132-1133. July 24,1952. 18 L2346

88292 MYLLYLÄ, M. Methods of planting potatoes and stacking hay. (In Swedish.) Lant-Arbetsgivaren, June 1952:12-18. 20 L292
Time and motion studies in Finland.

88293 NUEL, P., and STRAU, J. Eine erläuterte ausgabe der niederösterreichischen landarbeitsordnung. Landarb.-Arch. 7:215-224. (Cont.) June 1952. 283.8 L23

88294 PRIEBE, H. Die arbeitsproduktivität in der landwirtschaft. Ber. über Landwirt. (n.s.)30:167-178. 1952. 18 G31

88295 PUERTO RICO. DEPT. DEL TRABAJO. NEGOCIADO DE ESTADISTICAS DEL TRABAJO. Informe anual grupo trabajador, año natural 1950. San Juan,1951. 17 p. 283.9 P965G
Includes statistics for agricultural labor.

88296 RHEINWALD, H. Lohnunternehmer und bäuerlicher betrieb. Dreschen u. Pflügen 7(6):4-6. June 15,1952. 58.8 D81

88297 SCHUBERT, A. Zu sehr landwirte! Deut. Landwirt.-Gesell. Mitt. 67:561,569-570. Aug.9,1952. 18 N39
Labor problem.

88298 SULJMANAC, N. What is the significance of the new method of income distribution in peasant cooperatives in comparison with kolkhozes. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(1):16-25. Jan. 1952. 21.5 So1

88299 TSONOV, K. The administrative-managing cadre in the peasant working cooperatives (SRZ) and its reward. (In Serbo-Croatian.) Socijalističko Zemjodelstvo 3(10/11):12-27. Oct./Nov.1951. 280.28 So7
Yugoslavia.

88300 TURNER, R. H. Children and women's work. Sociol. & Social Res. 36:377-381. July/Aug.1952. 280.8 So15
Includes rural population.

88301 U. S. BUR. OF LABOR STATISTICS. Employment and economic status of older men and women. U. S. Bur. Labor Statis. B. 1092,58 p. May 1952. 158.6 B87
Includes farm labor.

88302 U. S. BUR. OF LABOR STATISTICS. Productivity trends 1909 to 1950: agriculture. Washington,1952. 34 p. 158.6 P942
Productivity per worker.

88303 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Efforts to make more farm labor available, by H. Waters and J. Towers. Washington,July 5,1952. 3 p. 1.914 R2R11

88304 U. S. DEPT. OF STATE. Mexican agricultural workers; agreement between the United States of America and Mexico effected by exchange of notes signed at México, August 1, 1949, entered into force August 1, 1949, and amendments and interpretations effected by exchanges of notes. U. S. Dept. State. Treaties & other Internatl. Acts Ser. 2260,107 p. Washington,1952. 150 T71T

88305 URBAN, H. Praktische empfehlungen der arbeitswissenschaft aus dem 3. Europäischen Landarbeitskongresz in Brugg (Schweiz). Landwirt. Wchnbl. 142:809-810. July 19,1952. 18 L2338

88306 ZHUKOVSKIĬ, N. P. Practices of leading tractor operators on beet state farms. (In Russian.) Sakh. Promysh. 26(5):16-20. May 1952. 65.8 Sa2

AGRICULTURE - SITUATION, POLICIES, AND PROGRAMS

88307 AGRICULTURAL BUR. OF NEW SOUTH WALES. Twenty-seventh state conference at Hawkesbury Agricultural College, Richmond, 17th—20th July, 1951. n.p.,1951. 73 p. 23 Ag82S
Synopses of talks.

88308 ANTONIOLETTI, M. Realización del convenio técnico agrícola. Agr. Austral 20:157-158. Apr.1952. 9.3 Ag842
Cooperative agricultural program between Chile and the United States under Point IV.

88309 ARCKEN, J. A. M. VAN. Agriculture in western Europe and integration. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:165-171. May 1952. 12 N383M

88310 AUCOUTURIER, G. Vocation agricole de la région de Meknès. Soc. Belge d'Etudes et d'Expansion. B. 151:501-503. May/July 1952. 280.8 So17

88311 BAUMGARTEN, O. Vorwärts zu neuen erfolgen. Deut. Landwirt. 3:281-282. June 1952. 18 D4822
Russian Zone.

88312 BENEDETTI, G. The eternal travail of Sicilian agriculture. (In Italian.) Rass. dell'Agr. Ital. 7(4): 20. Apr.1952. 281.8 R18

88313 BERTHAULT, P. L'oeuvre agricole française en Tunisie. Rev. Agr. de l'Afrique du Nord 50:181-183. Mar.21,1952. 80 R326

88314 BISMARCK-OSTEN, F. VON. Strukturwandlungen und nachkriegsprobleme der wirtschaft Griechenlands. Weltwirt. Arch. 68:262-322. 1952. 286.8 W462
Includes planning and production in agriculture.

88315 BLANCO MACÍAS, G. Dignifiquemos nuestra agricultura; urge establecer el servicio de agrónomos regionales. Campo [Tacuba] (ser.2)20(724):34,36-38. June 30,1952. 8 C157
Mexico.

88316 BOKER, H. Die produktivität in der landwirtschaft. Ber. über Landwirt. (n.s.)30:161-166. 1952. 18 G31
Europe.

88317 BOUSQUET. Le Siné-Saloum agricole. Agron. Trop. [Nogent-sur-Marne] 7:233-265. (Concl.) May/June 1952. 26 Ag86

88318 BROWNE, G. Prospects for agricultural policy. Farmers Annu. 1952:14-16. 10 F2237
Great Britain.

88319 CANONGE, H. Keine verwirrung mehr! Bas-Rhin Agr. 7:305-306. June 28,1952. 14 B29
Agricultural problems.

88320 CARNCROSS, J. W. New Jersey agriculture—where is it headed? N. J. Farm & Gard. 23(8):10-11,22. Aug.1952. 6 G162

88321 CASA PACHECO, MARQUES DE. Hacia la mejora de los productos del campo. Cult. Mod. 35:206. June 1952. 15 C89
Agricultural policy for Spain.

88322 CONFEDERAZIONE NAZIONALE COLTIVATORI DIRETTI. 6° Congresso Nazionale: relazione del presidente, Paolo Bonomi [6th National Congress: report of the president Paolo Bonomi]. Roma,1952. 88 p. 16 C764
Various aspects of agriculture.

88323 COOLEY, H. D. The farmer and the Congress. Amer. Plant Food Council J. 6(2):6-7,34-35. Apr./June 1952. 57.8 P692
Policies.

88324 CORBELLINI, G. Productivity in agriculture. (In Italian.) Cam. di Com. Indus. e Agr. Vicenza. Not. Econ. 7(14):4-6. July 16,1952. 287 V662

88325 CRUZ, F. Angola, its importance in relation to world economic reconstruction. (In Portuguese.) Activ. Econ. de Angola 30:73-96. Jan.1952. 280.8 Ac82
English summary, p. 164-165.
Includes agricultural possibilities.

88326 DARBY, B. T. Seedtime to harvest. Farmer & Stock-Breeder Ybk. 76:67-72. 1952. 49 F22
Agricultural situation in Great Britain.

88327 DESAI, M. B. Crop planning. Indian J. Agr. Econ. 7:132-139. Mar.1952. 281.8 In2

88328 DIAZ HUNGRIA, J. Araurima, tierra de promision. Agr. Venezol. 16(153):25-26. Nov./Dec. 1951. 9.95 Ag8
Agricultural.

88329 DOUMENG, J. La rencontre internationale économique de Moscou ouvre des perspectives à l'agriculture française. Interagra 6:175-178. 1952. 28 In825

88330 DOUZON, A. M. Mon voyage en Amérique. Terre d'Oc 34:170-178. May 1952 14 Ar5
Agricultural.

88331 FERRIERE, J. DE. Agriculture et élevage en Nouvelle-Zélande. Potasse 26:109-112. May/June 1952. 57.8 P84

88332 FISCHER, W. Das landwirtschaftliche produktionsprogramm der OEEC. Agrarwirtschaft 1:172-175. July 1952. 281.8 Ag826

88333 FOLONARI, A. Origin and scope of the National Conference on Agricultural Policy. (In Italian.) B. dell'Agr. 86(25):1. June 20,1952. 16 B87
Italy.

88334 FORLANI, R. Georgic amenities. (In Italian.) Gior. di Agr. 62:213. July 13,1952. 18 It1G
Type of information in early writings on agriculture.

88335 FORTENBERRY, W. O. Future trends in West Texas farming. Tex. Agr. Workers' Assoc. Proc. 25:67. 1952. 4 T314

88336 FRANCE. COMMISSARIAT GÉNÉRAL DU PLAN DE MODERNISATION ET D'EQUIPEMENT. Quatre ans d'execution du plan de modernisation et d'équipement de l'Union Française;réalisations 1947-1950 et programme 1951. Paris,1951. 376 p. 280.9 F844Re
Includes the agricultural program.

88337 FRENSEL, O. Agricultural round table in São Paulo. (In Portuguese.) B. do Leite (ser.4)5(57):1-2. Mar.1952. 44.8 B633

88338 FREY, M. Zum neuen wirtschaftsjahr 1952/53. Landwirt. Z. der Nord-Rheinprov. 119:671-672. June 28,1952. 18 L2344

88339 FRY, H. S. Co-ordinating agricultural interests. Agr. Inst. Rev. 7(4):25-26,28. July 1952. 7 Ag8

88340 GARATTONI, E. Farmers' trip into Tuscany. (In Italian.) Spezia Agr. 7(7):1,3. July 1,1952. 16 Sp3
Agricultural.

88341 GARCIA MERLANO, G. Informe de la zona agropecuaria del Ministerio de Agricultura. Rev. Nac. de Agr. 46(565):15-21. May 1952. 9.4 R32
Cundinamarca.

88342 GARNIER, M. Sur le plan agricole la Kroumirie peut et doit devenir un Eden. Colon Franç. de Tunisie (ser.7)45(2246):2,4. June 7,1952. 24 C712

88343 GATOVSKIĬ, L. M. On socialist production in U.S.S.R. in the postwar period. (In Russian.) Akad. Nauk SSSR. Izv. Otd. Ekon. i Prava. 1:3-24. Jan./Feb.1952. 280.9 Ak1
Includes agriculture.

88344 GIMENO, J. M. Orientación jurídica de la política agraria. Cooperación [Madrid] 122:1. Apr.1952. 280.28 C7875
Spain.

88345 GLAZUN, A. Result of a study in collective farm specialization (as exemplified by the suburban zone of Voronezh). (In Russian.) Sotsialist. Sel'sk. Khoz. 23 (4):14-25. Apr.1952. 281.8 So73

88346 GRANGIER, B. Une "Province Charnière": le Poitou. Agr. Prat. 116:305-308. June 1952. 14 J82
Agricultural.

88347 GUIMARÃES, A. P. On the Agricultural Round Table. (In Portuguese.) Soc. Rur. Bras. Rev. 32(376):40-41. May 1952. 9.2 B733

88348 GULERI, J. S. Objects and methods of crop planning with special reference to India. Indian J. Agr. Econ. 7:126-131. Mar.1952. 281.8 In2

88349 HEADY, E. O., CULBERTSON, C. C., and CHENEY, H. B. How much can we produce in the next several years? Iowa. State Col. Agr. Ext. Iowa Farm Sci. 7:19-22. Aug.1952. 275.28 Io94

88350 HEDGES, T. R., and BAILEY, W. R. Appraisal of California agricultural productive capacity attainable in 1955. Giannini Found. Agr. Econ. Mimeog. Rpt. 130, 79 p. June 1952. 281.9 G34M

88351 HERMES. Konstanz und die produktionsprobleme der landwirtschaft. Landwirtbl. Weser-Ems 28: 679-680. July 10,1952. 18 L2345

88352 HERMES. Das ringen wird noch schwerer werden. Bad. Landwirt. Wchnbl. 119:483-484. July 12, 1952. 18 B142
Agricultural situation.

88353 HOLMES, G. V. Future trends in South Texas farming. Tex. Agr. Workers' Assoc. Proc. 25:63-65. 1952. 4 T314

88354 HOLMGREEN, E. M. Public institution and agencies serving agriculture. Tex. Agr. Workers' Assoc. Proc. 24:70-73. 1951. 4 T314
Texas.

88355 HOMAN, J. L. The cooperation of western European countries. (In Dutch.) Landbode 6(26):11-12. June 26,1952. 12 L234
Agricultural.

88356 HORLACHER, M. Es geht nicht ohne planung in der agrarpolitik! Landwirt. Wchnbl. 142:877-878. Aug.9,1952. 18 L2338
Germany.

88357 HOWALD, O. Das neue schweizer landwirtschaftsgesetz und seine auswirkungen auf die schweizerische landwirtschaft. Agr. Rundschau 8:9-18. Summer 1952. 280.8 Ag82

88358 ISHIGURO, S. Some aspects of Swedish agricultural policy. (In Japanese.) Nogyo Sogo Kenkyu 6(2): 298-305. Apr.1952. 22.5 N687

88359 ISHIGURO, T. Farmers and regaining of Japan's independence. (In Japanese.) Nōrin Jihō 11(5): 4-5. May 1952. 22.5 N772

88360 IVANOVIĆ, M. Agriculture in the cooperative plan for 1952. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(3):1-35. Mar.1952. 21.5 So1
Yugoslavia.

88361 KELLOGG, C. E. Using our soils to keep men free. Agr. Inst. Rev. 7(4):11-14,48-50,52,54. July 1952. 7 Ag8
Agricultural planning.

88362 KOLEOV, S. Some features in the planning of agricultural production in 1952. (In Serbo-Croatian.) Socijalistićko Zemjodelstvo 3(12):41-45. Dec.1951. 280.28 So7
Yugoslavia.

88363 KÜHL, W. Das bauernland Schweden. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1217-1218. Aug.7,1952. 18 L2346

88364 KÜHNER, M. Das schweizerische landwirtschaftsgesetz. Übersicht 3(6):25-27. June 1952. 18 Ub3

88365 LEOPOLD, R. Leistungen der österreichischen landwirtschaft. Bauer 5(3):2-5. Jan.19,1952. 19 B32

88366 LEVIE, E. L. Productivity in Israel's agriculture. Econ. News 4:102-107,153. June 1952. 280.8 Ec797

88367 LOMBARD, T. A. Agriculture and economics of the western Mediterranean area. Calif. Citrog. 37: 392;407-408. (Cont.) Aug.1952. 80 C125

88368 LOUWES, H. D. People, democracy and agriculture in Switzerland. (In Dutch.) Cent. Bur. Meded. 36:69-70. June 1952. 12 N287

88369 LUZ FILHO, F. A plan of cooperative action. (In Portuguese.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:73-75. Mar.1952. 44.8 B634
Brazil.

88370 MCCORMACK, A. V. The United States agricultural conservation program. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:85-88. Ref. 1949,pub.1951. 279.9 Un32P

88371 MCCORMICK, C. J. A goodly heritage. Washington,U. S. D. A., Off. Sec.,1952. 15 p. 1.91 A2M132
Talk at 48 States PMA Meeting, St. Louis, July 2, 1952. The agricultural programs administered by PMA.

88372 MCCORMICK, C. J. Teamwork for the future. Washington,U. S. D. A., Off. Sec.,1952. 10 p. 1.91 A2M132
Talk at annual conference of Produce Prepackaging Association, Columbus, Ohio, June 10, 1952. Productive capacity of agriculture.

88373 MCMILLAN, J. A. Looking ahead. Gt. Brit. Min. Agr. Agriculture 59:201-204. Aug.1952. 10 G79J
Future trends in British farming.

88374 MAIER-BODE, F. W. Förderungsmassnahmen für die landwirtschaft. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1131. July 24,1952. 18 L2346

88375 MAJOR factors influencing the future of agriculture. Amer. Plant Food Council J. 6(2):8-11,35-40. Apr./June 1952. 57.8 P692
A forum with the following speakers: P. D. Sanders, H. D. Newsom, B. T. Shaw, O. V. Wells, and D. H. Doane.

88376 MALONE, C. C. The changing world picture. (Condensed.) Farm Policy Forum 5(8):13-15. Aug.1952. 281.8 F2274

88377 MANDORFER. Rückblick und ausblick 1951/52. Bauer 5(1):2-5. Jan.5,1952. 19 B32
Austrian agriculture.

88378 MEDELANA, D. R. DI. Farmers can count only on their own forces. (In Italian.) Rass. dell'Agr. Ital. 7(4):18-19. Apr.1952. 281.8 R18
Agricultural policy.

88379 MERCIER, G. L. S. L'Algérie province européenne d'Afrique. Nouvelle Rev. Franç. d'Outre-Mer (n.s.)44:102-105. May 1952. 280.8 B873
Includes agriculture.

88380 MEYER, F. Die eingliederung ostdeutscher landwirte in den produktionsprozess. Deut. Landwirt.-Gesell. Mitt. 67:481-482. July 5,1952. 18 N39

88381 MÖLLER, T. Zwischen den meeren; von land und leuten in Schleswig-Holstein. Deut. Molk.-Ztg. 72: 630-632. May 25,1951. 44.8 Su2

88382 MOORE, C. H. Summary of present and probable future trends in Texas farming and ranching. Tex. Agr. Workers' Assoc. Proc. 25:56-58. 1952. 4 T314

88383 MORANDI, L. Economic and social aspects of mountain agriculture. (In Italian.) Humus 8(5):6-9. May 1952. 16 H88
Italy.

88384 MORBELLO, T. Lomellina and Pavese among the poplars. (In Italian.) Riso 1(5):27-29. June 1952. 59.8 R49
Agriculture.

88385 MULDER, G. J. A., ed. Handboek der geografie van Nederland [Handbook of the geography of the Netherlands], v. 3. Zwolle,N.V.de Erven J.J.Tijl,1952. 514 p. 278.172 M89
Chapters by W. Sleumer, J. Diederich, J. Kreiken, J. van Wijk, and G. J. A. Mulder.
Includes agriculture.

88386 MULLETT, H. A. Increasing primary production in Victoria. Victoria. Dept. Agr. J. 50:241-249. June 1952. 23 V66J

88387 NETHERLANDS. DIRECTIE VAN DE WIERINGERMEER. Excursiegids 1951 van de noordoostpolder [Excursion guide of the northeast polder 1951]. Zwolle,1951. 81 p. 290.9 N382E
Agriculture.

88388 NIESCHULZ. Organisationsformen und leistungen der niedersächsischen landwirtschaft. Hannoversche Land- u. Forstwirt. Ztg. 105:614. June 21, 1952. 18 H194

88389 NYASALAND. PROVINCIAL COMMISSIONERS. Annual report, native administration, 1950. Zomba,1951. 55 p. 260.9 N98
Includes agriculture.

88390 NYE, G. W. Some agricultural developments in British Colonial Africa. World Crops 4:273-277. Aug.1952. 281.8 W892

88391 PAPINI, G. Lack of a true poetry of rural life in our literature. (In Italian.) Agricoltura 1(6):53-56. June 1952. 16 Ag8226
Italy.

88392 PATTJE, D. J. South Groningen is an interesting district. (In Dutch.) Plattelands-Post 8(29):6. July 17,1952. 12 P69
Agriculture.

88393 PENNSYLVANIA. DEPT. OF AGRICULTURE. Directory of information. Pa. Dept. Agr. B. 642,36 p. May/June 1952. 2 P38B
Publications and organizations.

88394 PERGOLESI, A. Christian Democrat agricultural policy. (In Italian.) Rass. dell'Agr. Ital. 7(6):5-8. June 1952. 281.8 R18

88395 PETERS. Probleme der landwirtschaftlichen erzeugung. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1203-1204. Aug.7,1952. 18 L2346

88396 PEYRONNET, R. Situation agricole de l'Algérie;espérances et regrets. Rev. Agr. de l'Afrique du Nord 50:329-333. May 23,1952. 80 R326

88397 PFLAUMBAUM, W. Als landwirt auf einer reise durch die USA. Hannoversche Land- u. Forstwirt. Ztg. 105:678. (Cont.) July 5,1952. 18 H194

88398 POLEE, A. C. T. Peasant life in Tyrol. (In Dutch.) Landbode 6(30):1-2. July 24,1952. 12 L234
Agriculture.

88399 PORTER, W. A. Future trends in Central Texas farming. Tex. Agr. Workers' Assoc. Proc. 25: 61-62. 1952. 4 T314

88400 PORTÈRES, R. Linear cultural sequences in primitive systems of agriculture in Africa and their significance. Sols Africains 2:15,17,19,21,23,25,27-28. Jan./Apr.1952. 56.8 So4
Text also in French.

88401 POSSEHL. So manches interessiert uns in Holland. Landwirtbl. Weser-Ems 99:606-608. June 19, 1952. 18 L2345
Agriculture.

88402 PRABHU, J. M. L. Community projects. Madras J. Co-op. 43:613-616. June 1952. 280.28 M26
Agricultural projects.

88403 PRAX, A. L'exploitation agricole aux États-Unis. Prog. Agr. et Vitic. 69:86-87. Aug.10/17;1952. 14 P94

88404 PYNAERT, L. L'agriculture au Katanga. Rev. Internatl. des Prod. Colon. 26:139-143. June/July 1951. 286.8 R326

88405 RHODES, F. M. The production job in 1952. Washington,U. S. Prod. & Mktg. Admin.,1952. 11 p. 1.956 A2lR34
Remarks before the State-wide Conference of the Mississippi Rural Electric Association at Jackson, Feb. 22, 1952.

88406 RIET, G. VAN 'T. Dependence on foreign countries makes our agriculture vulnerable. (In Dutch.) Plattelands-Post 8(31):1. July 31,1952. 12 P69

88407 RUBATTEL. La nouvelle loi sur l'agriculture. Schweiz. Bauernsek. Mitt. 150:27-35. 1952. 17 Se2

88408 SACO LANFRANCO, P. Problemas actuales de la agricultura nacional. Vida Agr. [Lima] 29:389, 391,393,395,397-398. May 1952. 9.8 V66
Peru.

88409 SALA ROCA, E. Nuestra producción agraria y la economía nacional. Inst. Agr. Catalán de San Isidro. Rev. 101:110-112. May 1952. 15 Sa5

88410 SAUER. Die gestaltung der landwirtschaftlichen selbstverwaltung im lande Baden-Württemberg. Bad. Landwirt. Wchnbl. 119:504-505. July 19,1952. 18 B142

88411 SCHILL, L. Weniger staatsausgaben, weniger steuern! Deutscher mittelstandsblock wird jetzt aktiv! Ein aktionsprogramm zur durchsetzung der grundsätze! Bauern-Ztg. 5(29):1-2. July 18,1952. 18 B324
Germany.

88412 SCHLINGEMANN. Impressions of a trip to the United States. II. A young land with a young agriculture. (In Dutch.) Nieuwe Veldbode 18:672-674. July 3, 1952. 12 V542N

88413 SCHLINGEMANN. Impressions of a trip to the United States. III. (In Dutch.) Nieuwe Veldbode 18: 716-717. July 24,1952. 12 V542N
Agricultural.

88414 SCHLINGEMANN. Impressions of a trip to the United States. IV. (In Dutch.) Nieuwe Veldbode 18: 741-742. Aug.7,1952. 12 V542N
Agricultural.

88415 SEEL, SIR G. Some of the problems facing British Caribbean agriculture. Caribbean Com. Mon. B. 5:311-313. June 1952. 280.9 C19

88416 SELLERS, G. Future trends in East Texas farming. Tex. Agr. Workers' Assoc. Proc. 25:59-60. 1952. 4 T314

88417 SETHI, R. L. Objects & methods of crop planning with special reference to India. Indian J. Agr. Econ. 7:105-111. Mar.1952. 281.8 In2

88418 SINGH, T. The crop pattern in a planned economy. Indian J. Agr. Econ. 7:100-104. Mar.1952. 281.8 In2

88419 SIVASWAMY, K. G. Objects and methods of crop planning. Indian J. Agr. Econ. 7:112-125. Mar. 1952. 281.8 In2
India.

88420 SPEISER, H. Der ingenieur und die nahrungserzeugung. Tech. f. Bauern u. Gärt. Ausg. A 4:266-268. June 25,1952. 58.8 T223
Methods of increasing agricultural production.

88421 SRINIVASAN, M. The problems of crop planning. Indian J. Agr. Econ. 7:140-141. Mar.1952. 281.8 In2

88422 STARCS, P. La administración de la agricultura por el Estado y la institución de asociaciones campesinas dirigidas por su conducto (kolchoses). Cooperación [Madrid] 122:12-14. (Cont.) Apr.1952. 280.28 C7875

88423 STEIGER, E. VON. Das neue landwirtschaftsgesetz. Schweiz. Bauernsek. Mitt. 150:10-26. 1952. 17 Su2

88424 STORM. Gegenwartsfragen der agrarpolitik. Landwirtbl. Weser-Ems 99:751-752. July 31,1952. 18 L2345

88425 STREET, A. G. The outlook for British farming. Farmers Annu. 1952:21-23. 10 F2237

88426 STROTMEYER. Besuch englischer landwirte im Bundesgebiet. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1136. July 24,1952. 18 L2346
Observations on agriculture.

88427 SUBIRIA CARRILLO, J. Si hubieran más Cañetes en el Perú. Mensajero Agr. 72/73:56-58. Apr./May 1952. 9.8 M52
Agricultural policy in the region.

88428 TEXAS AGRICULTURAL WORKERS' ASSOCIATION. Proceedings of twenty-fifth annual meeting, San Antonio, Texas, January 11-12, 1952. San Antonio, 1952. 67 p. 4 T314

88429 THEIS-NIELSEN, V. Indonesia. (In Danish.) Denmark. Udenrigsmin. Tidsskr. 33:329-349. June 10, 1952. 286.8 D41
Includes agriculture and Danish export to Indonesia.

88430 THEVENOT. Monographie d'Uvea ou Wallis. Agron. Trop. [Nogent-sur-Marne] 7:276-287. May/June 1952. 26 Ag86
Agricultural.

88431 TOBACCO Road; it's time to quit insulting the farmer. Barron's 32(31):1. Aug.4,1952. 284.8 B27
Regulation of agriculture.

88432 TORRES FILHO, A. Our agrarian problem. (In Portuguese.) Seleç. Agr. 7(73):7-12. May 1952. 9.2 Se4
Brazil.

88433 UNION OF SOUTH AFRICA. DEPT. OF AGRICULTURE. DIV. OF ECONOMICS AND MARKETS. Key to the agro-economic map of the Union of South Africa. Union So. Africa. Dept. Agr. B. 320,29 p. 1952. 24 So84P

88434 UNITED NATIONS SCIENTIFIC CONFERENCE ON THE CONSERVATION AND UTILIZATION OF RESOURCES. Proceedings, 17 August—6 September 1949, Lake Success, New York. Volume VI, Land resources. New York,1951. 629 p. 279.9 Un32P
Problems of agriculture.

88435 U. S. BUR. OF AGRICULTURAL ECONOMICS. Agriculture's capacity to produce; possibilities under specified conditions. Prepared under the auspices of the Land Grant College-Department of Agriculture Joint Committee on Agricultural Productive Capacity. U. S. D. A. Agr. Inform. B. 88,62 p. Ref. June 1952. 1 Ag84Ab

88436 VADÉ, S. L'agriculture malgache, ressource clé de la grande île. Vie à la Campagne 41:205-207. June 1952. 80 V67

88437 VARGAS, G. Battle for production. (In Portuguese.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:113-117. Apr.1952. 44.8 B634
Brazil.

88438 VARGAS, G. The President of the Republic sets forth the bases for the production campaign. (In Portuguese.) Lavoura 56:9-13. Mar./Apr.1952. 9.2 L39

88439 VOSLAMBER, L. T. Delfzijl; largest port of North Netherlands has a strong agricultural character. (In Dutch.) Plattelands-Post 8(29):5. July 17,1952. 12 P69

88440 WATERS, H. J. Our common challenge. Washington,U. S. D. A. Off. Sec.,1952. 15 p. 1.91 A2W31
Talk at the Regional Conference, U. S. Employment Service, Los Angeles, Feb. 26, 1952.
Abundant food production.

88441 WIESENDANGER, H. Bilderbericht über die landwirtschaft der Normandie. Grüne 80:793-814. July 18,1952. 17 Sch9

88442 WUNDERLICH, F. Agriculture and farm labor in the Soviet Zone of Germany. Social Res. 19: 198-219. June 1952. 280.8 So19

Subsidies

88443 BELLAN, A. Le fonds forestier national et les propriétaires forestiers. Tarn-et-Garonne Agr. 14:164-165. Nov.1951. 14 T17
Subsidies.

88444 BUTZ, E. L. The politics of agricultural subsidies. Acad. Polit. Sci. Proc. 25:54-68. May 1952. 280.9 Ac1

88445 CESARI, M. Proposal to the Senate to revoke the laws on contributions to "deserving." (In Italian.) Rass. dell'Agr. Ital. 7(6):9-11. June 1952. 281.8 R18

88446 HATHAWAY, D. E., and WITT, L. W. Agricultural policy: whose valuations? J. Farm Econ. 34: 299-309. Aug.1952. 280.8 J822
Subsidies and price supports.

88447 ROSS, C. R. The food subsidies and the budget; a correction. Oxford. U. Inst. Statis. B. 14:195. June 1952. 280.9 Ox2B

COST AND STANDARD OF LIVING

88448 FLAGG, G. L., and LONGMORE, T. W. Trends in selected facilities available to farm families. U. S. D. A. Agr. Inform. B. 87,15 p. May 1952. 1 Ag84Ab
Rural living conditions.

88449 FRANCHE, P. What is the Bureau of the Census and Statistics doing for family economics? Philippine J. Home Econ. 3(4):17-18. Apr./June 1952. 321.8 P53
Cost of living index and farm income.

88450 MUNDIM, O. Lowering of the cost of living. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1:43-45. Jan.1952. 9.2 M663

88451 PFANZAGL, J. Zur theorie des lebenshaltungskostenindex. Statis. Vrtljahresschr. 5:20-22. 1952. 251.8 St24

FARM MANAGEMENT AND LAND ECONOMICS

88452 ARCHIBALD, E. S. Cropping systems as an aid to sustained production. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:225-230. 1949, pub.1951. 279.9 Un32P
Canada.

88453 AYALA VIGUERA, F. Unidad de cultivo. Saragossa.Cám. Ofic. Sind. Agr. B. Mens. 49:23-24. June 1952. 15 Sa7

88454 BAKKER, H. Exploitation of State farms. (In Dutch.) Landbode 6(27):1-2. July 3,1952. 12 L234
Netherlands.

88455 BIGGAR, W. A. The proof of the pudding. Farmers Annu. 1952:49-51. 10 F2237
Swine farm management in Great Britain.

88456 BLACK, J. D. The co-ordination of the best soil management practices into unified farm management plans. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:97-102. 1949,pub.1951. 279.9 Un32P

88457 BRATTON, C. A. Father and son farm partnership arrangements. N. Y. Agr. Col. Cornell Ext. B. 861,11 p. May 1952. 275.29 N48E

88458 BRATTON, C. A. Ways to get started in farming. N. Y. Agr. Col. A. E. 832,6 p. July 1952. 281.9 C81

88459 BROWN, W. H. Cotton farming in the southern Piedmont, 1930-51; organization, costs, and returns. U. S. D. A. Agr. Inform. B. 89,64 p. June 1952. 1 Ag84Ab

88460 BROWNE, E. N. The small-scale diversified farm, a worthwhile pattern for Australia. Rur. Life, June 1952:10. 281.28 R884

88461 BRUCKNER, A. Die natürliche und wirtschaftliche differenzierung der bergbetriebe. Bundesanst. f. Alpine Landwirt. Veröffentl. 6:1-24. Ref. 1952. 19 Ad6
Austria.

88462 BUEÑO, C. DEL. San Miguel de Tecolutla, huerto de naranjos en Veracruz, México. Hacienda 47 (7):46-47. Aug.1952. 6 H11

88463 BUSSE, H. Die betriebsformen der schafhaltung in der DDR, ihre leistungen und entwicklungsmöglichkeiten. Tierzucht 5:385-387. Dec.1951. 49 T443

88464 CHAMBER OF COMMERCE OF THE UNITED STATES. NATURAL RESOURCES DEPT. Policy declarations on natural resources. Washington,1952. 37 p. 280.8 C35
Includes recommendations on public lands and forestry.

88465 CHAMBERS, P. C. Planned group-farming in Nyanza Province, Kenya. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:102-104. 1949,pub. 1951. 279.9 Un32P

88466 CHENEY, H. B., and HEADY, E. O. How much can we produce? Iowa. State Col. Agr. Ext. Iowa Farm Sci. 7:3-6. July 1952. 275.28 Io94
Improved practices and techniques in crop production and soil management.

88467 CHERRINGTON, J. O. Dairy farming. Farmers Annu. 1952:34-36. 10 F2237
Management in Great Britain.

88468 CLAWSON, M. Federal lands and multiple uses. (Condensed.) Farm Policy Forum 5(8):28-30. Aug.1952. 281.8 F2274

88469 DEVEREUNE, A. La granja en Dinamarca. Agrotecnia 7,i.e.6:38-40. May/June 1952. 8 Ag825

88470 DICKENS, J. S. A homesteader embraces new methods. Soil Conserv. 18:40-41. Sept.1952. 1.6 So3S
Conservation farming in New Mexico.

88471 DUMONT, R. Les villages pilotes en France. Prob. Écon. 238:12-16. July 22,1952. 280.8 P948

88472 ELAM, F. L. Rebirth of a ranch. West. Livestock J. 30(37):36-37,54-55. June 15,1952. 6 F2278

88473 EVANS, W. M. R. Farming to find some of the answers. 2. Welsh cross-section. Farmers Wk. [London] 37(7):49. Aug.15,1952. 10 F2226
Farming on an experimental farm.

88474 FAWCETT, H. Future trends in Texas ranching. Tex. Agr. Workers' Assoc. Proc. 25:66. 1952. 4 T314

88475 FOSTER, W. A. Making the most of your school farm. Rur. Missions 83:4. Summer 1952. 281.28 Ag8

88476 FRATEPIETRO, C. Agricultural middle class. (In Italian.) Mondo Agr. 3(24):4. June 15,1952. 16 M74
Italy.

88477 GALTIER, P. Le "paysanat"; la modernisation des collectivités rurales malgaches. Soc. Belge d'Etudes et d'Expansion. B. 151:496-500. May/July 1952. 280.8 So17

88478 GLOTOV, I. Public property—the basis of the collective farm system. (In Russian.) Bol'shevik 29(10): 42-53. May 1952. 280.8 B633

88479 GMELIN, W. Der einfluss der landfrau auf die bäuerliche veredlungswirtschaft und seine berücksichtigung bei der beratung im bäuerlichen betrieb. Ber. über Landwirt. (n.s.)30:191-206. 1952. 18 G31
Germany.

88480 HARRINGTON, E. G. Basic to all land management—cadastral surveys on public lands. Our Pub. Lands 2(3):4,14. July 1952. 156.55 Ou7

88481 HASHEMITE KINGDOM OF THE JORDAN. DEPT. OF LANDS AND SURVEYS. Annual report 1951. n.p.,1951. 13 p. 282.9 T66

88482 HICKS, J. W. The order of planning cropping and livestock systems. J. Farm Econ. 34:398-400. Aug.1952. 280.8 J822

88483 HILL, E. B. Father and son farm-operating agreement. Mich. State Col. Agr. Ext. Folder F-168, 12 p. June 1952. 275.29 M58Ex

88484 HOCHMUTH, H. R. Commercial family-operated sheep ranches, Intermountain region, 1930-50; organization, costs, and returns. U. S. D. A. Agr. Inform. B. 85,71 p. May 1952. 1 Ag84Ab

88485 HOGLUND, C. R. How to go broke. Hoard's Dairyman 97:645. Aug.10,1952. 44.8 H65
Dairy farm management.

88486 HOUILLIER, F. Les modes de faire-valoir en France; l'exploitation directe; le caractère familial de l'exploitation agricole. Agr. Prat. 116:349-353. July 1952. 14 J82

88487 HOUSEMAN, E. E. Identification of farms in area samples. Washington,U. S. Bur. Agr. Econ.,1952. 21 p. 1.941 A2H81
Presented July 23, 1952, at the Summer Statistics Conference, Blue Ridge, North Carolina.

88488 JOAD, C. E. M. Why farm? Farmers Annu. 1952:59-61. 10 F2237
Farming as an occupation.

88489 JURION, F., and HENRY, J. Cropping systems in the equatorial forest region of the Belgian Congo. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:255-258. 1949,pub.1951. 279.9 Un32P

88490 KHARCHENKO, N. F. Role of agronomists on state farms. (In Russian.) Sovet. Agron. 10(7):77-81. July 1952. 20 So84

88491 KUHL, C. In Australien ist alles anders. Übersicht 3(6):54-58. June 1952. 18 Ub3
Farming.

88492 LEEDS UNIVERSITY. DEPT. OF AGRICULTURE. ECONOMICS SECT. Types of farming in Yorkshire; a study based on 202 farm accounts in 1950-51. Leeds U. Farmers' Rpt. 108,32 p. June 1952. 281.9 L51

88493 LEWIS, R. D. The influence of cropping systems on sustained production, soil management and conservation. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:230-233. Ref. 1949,pub.1951. 279.9 Un32P

88494 LUCAS, and JOLY. Le village témoin de Senoncourt. Potasse 26:103-106. May/June 1952. 57.8 P84
France.

88495 MCCULLOCH, R. Some impressions of Holland. Agr. Ireland 9:175-177. Aug.1952. 10.5 Ag8
Farming.

88496 MACDONALD, R. H. Farming north of 60. West. Prod. 29(48,Mag.):1,3. July 31,1952. 7 W523
Farming at the experimental sub-station at Pine Creek, Yukon Territories.

88497 MCMUNN, E. W. German agriculture comes back to life. Ohio Farmer 210(3):18-19. Aug.2,1952. 6 Oh3

88498 MCPHERSON, W. K. A critical appraisal of family farms as an objective of public policy. J. Farm Econ. 34:310-324. Aug.1952. 280.8 J822

88499 MANDEL'SHTAM, L. In regard to the structure of collective farm means of production. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(5):27-33. May 1952. 281.8 So73

88500 MARTIN, G. Eine analyse des reinertrags landwirtschaftlicher betriebstypen. Agrarwirtschaft 1: 219-223. Aug.1952. 281.8 Ag826
Germany.

88501 MEL'NIK, M. K. To increase the profitability of beet state farms. (In Russian.) Sakh. Promysh. 26(4): 31-34. Apr.1952. 65.8 Sa2

88502 MIŠEV, A. On the work of agricultural experts in peasant work cooperatives. (In Serbo-Croatian.) Socijalisticko Zemjodelstvo 4:7-17. Jan./Feb.1952. 280.28 So7
Yugoslavia.

88503 MONTAGNE, R. La compétence des tribunaux paritaires. Prog. Agr. et Vitic. 69:99-100. (Cont.) Aug.10/17,1952. 14 P94
Livestock leases in France.

88504 MONTGOMERY, T. M., and PACE, J. V. Get the most from your farming business. Miss. State Col. Ext. P. 181,6 p.-folder. Apr.1951. 275.29 M68Ext

88505 NIKOLOVSKI, B. New planning and financial system on our socialist farms. (In Serbo-Croatian.) Socijalističko Zemjodelstvo 4:1-6. Jan./Feb.1952. 280.28 So7

88506 NORGES LANDBRUKSØKONOMISKE INSTITUTT. Driftsgranskinger i jordbruket, regnskapsresultater 1950-51. [Farm management studies, results of accounts 1950-51]. I. Holden,1952. 123 p. 11 N762

88507 OAKES BALDWIN, F. La granja más extensa del Canadá. Cam. de Com. de Caracas. B. 37:13554-13561. June 1952. 287 C173
The Dominion Experimental Farms.

88508 O'CONNOR, R. Can you make your farm pay? Agr. Ireland 9:157-158. July 1952. 10.5 Ag8
Efficiency of livestock production.

88509 PANARETOS, A. Need for better agricultural methods. Countryman [Nicosia] 6(6):4-6. June 1952. 25 C83

88510 PASSERINI, O. Share farming and wages in the present post-war period. (In Italian.) Agr. delle Venezie 6:287-301. July 1952. 16 Ag826

88511 PEARCE, J. Farming in Berkshire. Brit. Grassland Soc. J. 7:37-42. June 1952. 60.19 B773

88512 RASKIN, G. To raise the standard of inter-farm planning on the cotton growing collective farms. (In Russian.) Khlopkovodstvo 1:15-22. Jan.1952. 72.8 K522

88513 RIPLEY, P. O. Farming systems in relation to soil conservation and use. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:196-198. 1949,pub. 1951. 279.9 Un32P

88514 RIVERO TORRES, R. Pairumani: una hacienda modelo en Bolivia. Hacienda 47(7):36-40. Aug.1952. 6 H11

88515 ROELOFS, H. The model farm. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:210-218. June 1952. 12 N383M

88516 SAUNDERSON, M. H. The fabulous Big Hole. West. Livestock J. 30(37):43,65-66,68,71,73-74. June 15, 1952. 6 F2278
Cattle ranching in Montana.

88517 SCHAUS, R. G. The Ess Pee licked the drought. West. Livestock J. 30(37):44-45,76,79-80. June 15,1952. 6 F2278
Operations at a cattle ranch in Arizona.

88518 SCHOFIELD, R. C. Farming in New Zealand—Levels County. New Zeal. J. Agr. 84:447-449, 451-453,455-460. June 16,1952. 23 N48J

88519 SIERRA LEONE. SURVEY AND LANDS DEPT. Annual report for the year 1950. Freetown,1951. 10 p. 282.9 Si1

88520 SMART, G. R. Dairying [and] mixed farming in the lower rainfall areas. So. Austral. Dept. Agr. J. 55: 524-525. May 1952. 23 So84

88521 SMITH, C. S. Seeing for ourselves. 6-7. Farmers Wk. [London] 37(3):54-55. July 18,1952. 10 F2226
Farming in Holland.

88522 SMITH, M. L. Aerial photos help farmers adopt good management practices. Better Farming Methods 24(9):12,14. Sept.1952. 58.8 B46

88523 SOUTH DAKOTA.STATE COLLEGE OF AGRICULTURE. EXTENSION SERV. Family farming. S. Dak. State Col. Agr. Ext. L. 133,6 p.-folder. Jan.1951. 275.29 So85E

88524 STEDEN, A. Die betriebsgrösse als betriebswirtschaftlicher und agrarpolitischer faktor. Agr. Rundschau 8:19-24. Summer 1952. 280.8 Ag82

88525 STOFBERG, J. A. Mixed farming can in time bring results from drought. (In Afrikaans.) Landbouweekblad 34(1718):17-18. June 18,1952. 24 L232
Union of South Africa.

88526 STUBBS, J. R. The changing outlook towards farm management and planning. Agr. Prog. 26:78-83. 1951. 10 Ag86
Great Britain.

88527 TRAUB, D. Krisenerscheinungen in der kleinlandwirtschaft. Württemb. Wchnbl. f. Landwirt. 119: 652. July 19,1952. 18 W96

88528 WHITMAN, G. B. Managing farms to meet rising costs. Corn Belt Livestock Feeder 4(11):10-11. Aug.1952. 280.38 C81

88529 WILLIAMS, R. H. No help wanted here. Pa. Farmer 147:68-69. Aug.9,1952. 6 P383
Father-and-son partnership agreement.

Bookkeeping and Records

88530 AGRAWAL, G. D. Problems of calculating the cost of cultivation. Indian J. Agr. Econ. 7:73-78. Mar. 1952. 281.8 In2

88531 DIRJANSKI, L. Some accounting experiences in the peasant work cooperative in the village Pokrajcevo-Radoviško. (In Serbo-Croatian.) Socijalističko Zemjodelstvo 4:53-58. Jan./Feb.1952. 280.28 So7

88532 DRIVER, P. N. Crop costing in India—why and how? Indian J. Agr. Econ. 7:55-62. Mar.1952. 281.8 In2

88533 HERON, D. The Fanshawes of Parslow's Farm. Farmers Annu. 1952:56-58. 10 F2237
An eighteenth century account book.

88534 HILLIAR, R. Farm costings. N. Z. Poultry World 15:155,157. May 1952. 47.8 N11

88535 LUCIEN, R. Comptabilité agricole. Rev. Agr. de l'Afrique du Nord 50:286-288. May 2,1952. 80 R326

88536 MADIMAN, S. G. Methodological problems in agricultural cost accounting. Indian J. Agr. Econ. 7: 94-99. Mar.1952. 281.8 In2

88537 MÜLLER, A. Am falschen fleck gespart; betriebskontrolle und betriebserfolg. Übersicht 3(6):28-30. June 1952. 18 Ub3
Accounting.

88538 NEBIKER, W. Das rechnungswesen in der dänischen landwirtschaft. Schweiz. Landwirt. Monatsh. 7:229-240. July 1952. 17 Sch93

88539 O'CONNOR, R. How to make your farm pay. Agr. Ireland 9:185,187,189. (Cont.) Aug.1952. 10.5 Ag8
Financial accounting.

88540 PANDE, J. K. Problems of calculating the cost of cultivation. Indian J. Agr. Econ. 7:41-54. Mar. 1952. 281.8 In2

88541 PANSE, V. G. Statistical problems in the study of cost of production of crops. Indian J. Agr. Econ. 7:36-41. Mar.1952. 281.8 In2

88542 SANKARASUBRAMANIAM, Y. Problems of calculating the cost of cultivation in Madras State. Indian J. Agr. Econ. 7:87-94. Mar.1952. 281.8 In2

88543 SHAH, K. M. Problems of calculating the cost of cultivation. Indian J. Agr. Econ. 7:63-72. Mar. 1952. 281.8 In2

88544 SHIRNAME, T. G. Problems of calculating the cost of production in agriculture. Indian J. Agr. Econ. 7: 23-35. Mar.1952. 281.8 In2

88545 SINGH, A. Some problems of calculating the cost of cultivation of crops. Indian J. Agr. Econ. 7: 79-87. Mar.1952. 281.8 In2

Costs and Returns

88546 AGRAWAL, G. D., and SAGAR, V. Cost of production of barley on Government Farm, Kalyanpur (Kanpur) 1936-50. Allahabad Farmer 26:77-86. May 1952. 22 AL5

88547 ALVAREZ, M. Costos de producción de los pastos. Agro [El Valle] 6(20):68-75. Jan./May 1952. 9.95 Ag83
Venezuela.

88548 ANTONELLI, G. Returns from the land in the last century of the [Roman] Republic. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(57):6-8. July 5, 1952. 281.8 Ag3

88549 BAPTIST, A. G., and WATERSCHOOT, H. Investigation about the profitability of farming; financial year 1950-1951; 385 holdings. I. (In Flemish.) Gent. Landbhogesch. Meded. 16:319-373. Sept.1951. 105.1 G344

88550 BARNSTEDT. Betriebserfolg buchführender betriebe aus Weser-Ems 1950/51. Landwirtbl. Weser-Ems 99:632-633. June 26,1952. 18 L2345

88551 BARR, W. L. Cost of producing milk. Dairymen's Price Rptr. 34(7):11,13-15. July 1952. 280.28 D14
Pennsylvania.

88552 BARR, W. L., BENNETT, K. R., and HESS, R. D. Survey and account methods of estimating costs of milk production. Pa. Agr. Expt. Sta. B. 549,41 p. Ref. Apr.1952. 100 P381

88553 BEAN, H. W. How to figure edible poultry meat costs. U. S. Egg & Poultry Mag. 58(8):17,33. Aug.1952. 286.85 Eg3

88554 BENEKE, R. R., and PAYNE, T. What does it cost to harvest grass silage? Iowa. State Col. Agr. Ext. Iowa Farm Sci. 7:11-12. July 1952. 275.28 Io94

88555 BESTBIER, N. A. B. Certain implications of variations in the organisation and management of citrus orchards. Citrus Grower 222:2-4. (Cont.) July 31,1952. 80 C495
Costs and returns in Union of South Africa.

88556 BLAGBURN, C. H., and BOYER, R. S. The economy of an intensive dairy farm. Gt. Brit. Min. Agr. Agriculture 59:205-209. Aug.1952. 10 G79J
Includes cost data of a farm in England.

88557 BOUILLANNE, P. Prix de revient agricole et prix industriel de la tomate. Tunisie Agr. 53:69-73. June/July 1952. 24 T832

88558 BRATTON, C. A. Livingston County young farmers account summary 1952. N. Y. Agr. Col. A. E. 817,15 p. May 1952. 281.9 C81
Costs and returns.

88559 BRISTOL. UNIVERSITY. DEPT. OF ECONOMICS. General report on the investigation into the economics of milk production in Cornwall, Devon and Dorset, 1950-51. Bristol U. Dept. Econ. Rpt. 70,31 p. Apr.1952. 281.9 Se1

88560 BUTLER, C. P., and STREETMAN, H. L. Economics of mechanical cotton picking in South Carolina. S. C. Agr. Expt. Sta. B. 399,35 p. Jan.1952. 100 So8

88561 BUTLER, J. B., HOOPER, J. H., and LORD, R. F. Financial results for 1950 and for the five years 1946 to 1950. Wye Col. Dept. Econ. Farm Mangt. Survey. Rpt. 5,20 p. 1951? 281.9 W97

88562 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Fifth annual summary of the San Joaquin County poultry management study for the year March 1, 1951-February 28, 1952, by B. B. Burlingame, W. C. Fleming, and F. Clayton. Berkeley?1952. 8 p. 275.29 C12En
Costs and returns.

88563 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Humboldt County dairy management study, 1951, by A. Shultis and H. B. Tucker. Berkeley?1952. 9 p. 275.29 C12En

88564 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Orange County orange production cost analysis, 1951, by A. Shultis. Berkeley,1952? 14 p. 275.29 C12En

88565 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Stanislaus County, 1951, walnut cost of production and management study, by B. B. Burlingame and A. G. Volz. Berkeley?1952. 13 p. 275.29 C12En

88566 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Walnut cost of production study, Ventura County, 1951, by W. Sullivan and R. G. Platt. Berkeley?1952. 5 p. 275.29 C12En

88567 CARPENTER, K. S. Costs and returns in producing hatching eggs, New York, 1950-51; includes comparisons with costs and returns in producing market eggs. N. Y. Agr. Col. A. E. 824,25 p. June 1952. 281.9 C81

88568 CARPENTER, K. S. Estimated costs of producing eggs, New York State, 1926-52. N. Y. Agr. Col. A. E. 823,30 p. June 1952. 281.9 C81

88569 CLAYBAUGH, J. H. Analysis of broiler production costs. Nebr. Agr. Col. Ext. E. C. 1410,7 p. 1952. 275.29 N272Ex

88570 CONWAY, H. M. Live stock industry facing higher costs. Natl. Live Stock Prod. 30(10):4. Aug.1952. 280.38 N21

88571 DINSDALE, D. H., and TANSEY, A. W. Costs and returns for beef store cattle reared from suckling herds in Northumberland. King's Col. Farm Econ. Br. Rpt. G. 40,22 p. Apr.1952. 281.9 K61

88572 HAND, J., JR. Production cost factors involved in producing needed cotton crops in modern times. Spinner-Breeder Conf. [Proc.] 8:28-29. 1951. 72.9 C765

88573 HOLE, E., and BONDURANT, J. H. Farm costs and returns, 1951, with comparisons, commercial family-operated tobacco-livestock farms, Bluegrass area of Kentucky. U. S. Bur. Agr. Econ. F. M. 94,5 p. May 1952. 1.941 L6F22

88574 KAMLAH. Die überschüsse in der landwirtschaft. Deut. Landwirt.-Gesell. Mitt. 67:529. July 26, 1952. 18 N39

88575 KOOPMAN, C. More on the nurseryman's profits. (In Dutch.) Cent. Bur. Meded. 36:71. June 1952. 12 N287

88576 LAIPPLE. Die futterkosten der mastschweineerzeugung. Deut. Landwirt.-Gesell. Mitt. 67: 488. July 5,1952. 18 N39

88577 LEASK, D. M. R. Report on financial results of 175 East of Scotland farms for 1949-50. Edinb. & East. Scot. Col. Agr. B. 31,48 p. Dec.1951. 103 Ed4E

88578 MANCHESTER UNIVERSITY. AGRICULTURAL ECONOMICS DEPT. Sugar beet costs, 1951 crop. Manchester. U. Agr. Econ. Dept. B. 68/EC37,11 p. May 1952. 10 V66

88579 MANCHESTER UNIVERSITY. AGRICULTURAL ECONOMICS DEPT. Survey of poultry costs and returns 1950-51. Manchester. U. Agr. Econ. Dept. B. 67,11 p. Apr.1952. 10 V66

88580 MEDINA BLANCO, M. Sobre economía de la avicultura. B. de Zootec. 8:115-119. Ref. Apr.1952. 41.9 So16
Costs and returns.

88581 MURRAY, D. L. What about milk production costs. Mich. Milk Messenger 35(3):3,7. July 1952. 44.8 M582

88582 MUSSEHL, F. E. Will you go in the red? Norbest Turkey News 17:1,6. July 1952. 47.38 N75

88583 NALSON, J. S., and JONES, R. B. The dairy farmer and the cost of milk production. Dairyman 69: 467,469,471. Aug.1952. 44.8 D1426
Great Britain.

88584 NATIONAL FARMERS' UNION. Results of farm accounts scheme 1950/51. N. F. U. Inform. Serv. Sup. 1,21 p. July 1952. 281.9 N213Na
Costs and returns.

88585 NORTHERN IRELAND. MINISTRY OF AGRICULTURE. Cost of milk production in Northern Ireland 1950/51. North. Ireland. Min. Agr. Mon. Agr. Rpt. 27: 104-107. Aug.1952. 256.13 Ag82M

88586 PETTIT, G. H. N., and CLARK, J. Milk production per acre; a study of 61 U. K. farms in 1949. Imper. Chem. Indus. Agr. Devlpmt. Dept. B. 2,27 p. June 1952. 10 Im74
Includes costs and returns.

88587 RAYNAUD, R. Rentabilité et productivité du lait. Potasse 26:99-102. May/June 1952. 57.8 P84
France.

88588 REDMAN, J. C. Economic aspects of feeding for milk production. J. Farm Econ. 34:333-345. Aug. 1952. 280.8 J822

88589 ROWBOTTOM, J. D., and SMITH, H. L. Report on costs of milk production for the year ended 30th September 1951. Edinb. & East Scot. Col. Agr. B. 33, 35 p. Mar.1952. 103 Ed4E

88590 RUTTI, R. Gestaltung der milchproduktionskosten durch futterbeschaffung und fütterung. Grüne 80: 848-853. Aug.1,1952. 17 Sch9

88591 SCHMITZ. Düngung im lohnverfahren. Landwirtbl. Weser-Ems 99:581-582. June 12,1952. 18 L2345
Costs and returns.

88592 SCHULZE-ALLENDORF. Der wunde punkt. Deut. Landwirt.-Gesell. Mitt. 67:433-434. June 14,1952. 18 N39
Labor costs and milk prices.

88593 SEIFULAEV, I. Cost of production—most important qualitative index of the operation of an enterprise. (In Russian.) Sakh. Promysh. 26(6):36-39. June 1952. 65.8 Sa2
Sugar industry.

88594 STOY, O. The average figure and fruit growing economy. (In Danish.) Erhvervsfrugtavleren 18:276-277. July 1,1952. 80 Er3
Cost and returns in Sweden.

88595 U. S. BUR. OF AGRICULTURAL ECONOMICS. Farm costs and returns, 1951, with comparisons; 20 types of commercial family-operated farms in 10 major farming regions. U. S. Bur. Agr. Econ. F.M. 93,27 p. June 1952. 1.941 F8F227

88596 UNIVERSITY COLLEGE OF WALES, ABERYSTWYTH. DEPT. OF AGRICULTURAL ECONOMICS. Seed potato growing. (Costs and returns, 1950), by A. M. M. Rees, and M. H. Dummer. Aberystwyth,1952. 22 p. 281.3759 Un3

88597 VOIGT, S. Wie ist das kraftfutter je kilo milch zu verbilligen? Tierzüchter 4:357-358. July 20, 1952. 49 T445

88598 WOERMANN, E. Kostengefüge der milcherzeugung und leistung der futterwirtschaft. Agrarwirtschaft 1: 141-145. June 1952. 281.8 Ag826
Germany.

88599 YAW, B. Two-way money-makers; meat-type crossbred hogs save 4½¢ a lb. on feed costs, and some big packers pay you more for 'em. Farm J. 76(9):42. Sept.1,1952. 6 F2212

Land Settlement and Colonization

88600 AHMAD, E. Rural settlement types in the Uttar Pradesh (United Provinces of Agra and Oudh). Assoc. Amer. Geog. Ann. 42:223-246. Sept.1952. 500 As73

88601 ALLAN, F. H., and BERWICK, E. J. H. The development of new rice lands in Malaya. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:588-590. 1949,pub.1951. 279.9 Un32P
Colonization.

88602 CAVENOUGH, E. A B C's of homesteading. Alaskan Agr. 5(2):13-15. Summer 1952. 6 AL16

88603 FARMER, B. H. Colonization in the dry zone of Ceylon. Roy. Soc. Arts. J. 100:547-564. June 27,1952. 501 L847J
Includes discussion.

88604 GOMEZ AYAU, E. Actualidad de la política de colonización. Spain. Inst. Nac. de Colon. I. N. C. P. 4(23),62 p. 1952. 280.9 Sp1I

88605 GÓMEZ RAMÍREZ, C. A. Colonización de la región del Surare. Rev. Nac. de Agr. 46(565):21-22. May 1952. 9.4 R32

88606 GROENMAN, S. Physical planning in reclaimed and newly colonized areas. Soil Sci. 74:97-101. July 1952. 56.8 So3
Netherlands.

88607 HENTER. Das dorf gibt den siedlern das geleit! Bad. Landwirt. Wchnbl. 119:516-517. July 26, 1952. 18 B142

88608 HILL, G. W., and BELTRAN, G. Turen: un experimento de colonización agrícola. Acta Cient. Venezol. 3:2-6. Jan./Feb. 1952. 475 Ac83

88609 MALESANI, E. Italian emigration into southern Brazil and its problems. (In Italian.) Mercanzia 7(4/5):49-60. Ref. Apr./May 1952. 287 B635

88610 MONTBRON, H. DE. Terres canadiennes. École Supér. d'Agr. et de Viticult. B. Mens. 30:183-184. July 1952. 275.9 An4
Settlement.

88611 SINISCALCHI, A. Our farmers in Africa. (In Italian.) Mondo Agr. 3(27):1-2. July 6,1952. 16 M74
Italians.

88612 STRONG, T. H., and CAMPBELL, A. J. Investigational technique in land settlement—with particular reference to the Commonwealth (Australia) War Service Land Settlement Scheme. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:613-616. 1949, pub.1951. 279.9 Un32P

88613 TORRES, M. J. DE M. The colonizing dissemination in Moçâmbedes district and the formation of its demographic places. (In Portuguese.) Portugal. Agência Geral do Ultramar. B. Geral do Ultramar 27 (323):13-34. (Cont.) May 1952. 264 Ag3
English summary, p. 204-205.

88614 YGOBONE, A. D. La acción colonizadora de los Galeses en la Patagonia. Bolsa de Com. Rosario. Rev. 40(971):3-5. June 30,1952. 287 R71

88615 YURI IZQUIERDO, M. Las cooperativas agrícolas de colonización de Chile. Unión Panamér. Div. de Asuntos Sociales y de Trab. Coop. 12.19-26. Dec.1951. 150.9 C782

Land Tenure

88616 ALBERTINI, F. Extension of provisions on agricultural contracts. (In Italian.) Humus 8(4):12-14. May 1952. 16 H88
Italy.

88617 AMEIS. Das neue landpachtgesetz. Bauern-Ztg. 5(25):3,12. (Concl.) June 20,1952. 18 B324
Germany.

88618 BANDINI, M. Land reform in Italy. Banca Naz. del Lav. Q. Rev. 5(20):10-27. Jan./Mar.1952. 284.8 B226

88619 BEILNER, K. Neue wege der grundstückzusammenlegung. Agr. Rundschau 8:57-66. Summer 1952. 280.8 Ag82
Austria.

88620 BERTINETTI, A. Observations on land tenure in Canavese. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:242-244. June 1952. 16 C72

88621 BETETA, M. R. Reforma agraria y desarrollo económico. II. Rev. de Econ. 15:145-148. May 1952. 280.8 R3293
Mexico.

88622 BULLING. Das neue landpachtgesetz am 1. juli in kraft getreten. Landwirtbl. Weser-Ems 99:732-734. (Cont.) July 24,1952. 18 L2345

88623 BULLING. Das neue landpachtgesetz in kraft getreten. Landwirtbl. Weser-Ems 99:711-712. (Cont.) July 17,1952. 18 L2345

88624 CAMPBELL, C. D. Weak points in the Japanese land reform program. J. Farm Econ. 34:361-368. Aug.1952. 280.8 J822

88625 CHOWANETZ. Die flurbereinigung vom standpunkt des durchführenden beamten aus gesehen. Deut. Landwirt.-Gesell. Mitt. 67:522. July 19,1952. 18 N39

88626 COUNTRY LANDOWNERS' ASSOCIATION. An enquiry into agricultural rents and the expenses of landowners in England and Wales 1949 and 1950. London, 1951. 35 p. 282.9 C33R

88627 DAMJANOVIĆ, Z. Intrinsic changes in the ownership structure of PFRY agriculture in relation to the pre-war agriculture; dynamics of the post-war. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(1):1-15. Jan.1952. 21.5 So1
Yugoslavia.

88628 DAUDE-BANCEL, A. Charles Gide und die Schule von Nîmes. Verbraucher 6:346-347. July 19, 1952. 280.28 K833
Includes theory of land tenure.

88629 FAMULARO, N. Expropriation and indemnification for rural factories. (In Italian.) Mondo Agr. 3 (26):4. June 29,1952. 16 M74
Italy.

88630 FELICE, P. DE. Le refus du droit de préemption. Rev. Agr. de l'Afrique du Nord 50:339-340. May 23, 1952. 80 R326

88631 GILFILLAN, R. S. Italians fight poverty with land reform. Farmers Union Herald 26(13):6. July 7, 1952. 280.28 F224

88632 GONZÁLEZ GARCIA, P. Modalidades del cultivo directo. Ceres [Valladolid] 17(192):23,25,27. June 1,1952. 15 C33
Spain.

88633 GUNDERT. Die bedeutung der feldwege bei der flurbereinigung. Bad. Landwirt. Wchnbl. 119:430. June 21,1952. 18 B142

88634 HARRINGTON, G. P., and WELL, G. H. The priceless Santa Fe records. Our Pub. Lands 2(3): 6,12. July 1952. 156.55 Ou7
Land grant records.

88635 HASHEMITE KINGDOM OF THE JORDAN. LANDS DEPT. Land tenure systems in Jordan. Land & Liberty 59:80-81. July 1952. 282.8 L222

88636 HENRICI. Die anzeige von landpachtverträgen. Hannoversche Land- u. Forstwirt. Ztg. 105:621-622, 659,727. (Cont.) June 21-28,July 19,1952. 18 H194

88637 HENTER. Umlegungs- und siedlungsverfahren weingarten. Bad. Landwirt. Wchnbl. 119:450. June 28, 1952. 18 B142

88638 HOFSTEE, E. W., and VLAM, A. W. Some remarks about the development of the systems of land division in the Netherlands. (In Dutch.) Boor en Spade 5:195-235. Ref. 1952. 56.9 B64
English summary.

88639 KLEE, A. Soll der bauernhof teilbar sein? Deut. Landwirt. Presse 75:155-156. June 21,1952. 18 D482

88640 LETTMAYR, A. Grundzusammenlegungen. Bauer 5(25):3-4. July 12,1952. 19 B32
Austria.

88641 MARANI, C. A parish priest and the agrarian reform. (In Italian.) Mondo Agr. 3(26):3. June 29,1952. 16 M74
Italy.

88642 MARIS, A. The question of small farms in broad aspect. (In Dutch.) Tijdschr. v. Econ. en Sociale Geog. 43:173-181. June/July 1952. 280.8 T44
English summary.
Problems involved in consolidation of holdings in the Netherlands.

88643 MAUNDER, A. H. Size and efficiency in farming. Oxford. U. Inst. Res. Agr. Econ. Occas. Papers Agr. Econ. 4,21 p. 1952. 281.9 Ox2Oc

88644 MESSIHA, W. Une politique de réforme agraire pour l'Egypte. Soc. Belge d'Etudes et d'Expansion. B. 151:441-445. May/July 1952. 280.8 So17

88645 MEYER. Muss bei anpflanzung von hecken und bäumen ein grenzabstand eingehalten werden? Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1059-1060. July 10,1952. 18 L2346
Legal aspects relating to extension of roots over land boundaries.

88646 MILES, C. W. N. Compensation for long-term new improvements under the Agricultural Holdings Act, 1948. Land Agents' Soc. J. 51:290-292. July 1952. 282.9 L22

88647 MISKIN, A. B. The registration of agricultural land. Roy. Inst. Chartered Surveyors. J. 32:71-77. July 1952. 282.9 C38J
Discussion of the paper which appeared in a previous issue of the Journal.

88648 MÖLLMANN, F. Das neue landpachtgesetz in kraft. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 1058-1059. July 10,1952. 18 L2346

88649 MONTAGNE, R. La compétence des tribunaux paritaires. Prog. Agr. et Vitic. 146:43-45. (Cont.) July 20/27,1952. 14 P94
Legal aspects of rural leases in France.

88650 MOSCHELLA, M. Observations on the first decisions of the State Council on the agrarian reform. (In Italian.) Rass. dell'Agr. Ital. 7(4):1-6. Apr.1952. 281.8 R18

88651 MÜHLBAUER, K. Das neue landpachtgesetz. Landwirt. Wchnbl. 142:805-806. July 19,1952. 18 L2338
Germany.

88652 NAUTA, T. H. The construction and maintenance of buildings in Kampen. (In Dutch.) Pacht 12:162-170. June 1952. 282.8 P11
In the leasing system.

88653 OWADA, K. Personal recollections of the World Land Tenure Conference at Wisconsin, 1951. (In Japanese.) Nogyo Sogo Kenkyu 6(2):306-332. Apr. 1952. 22.5 N687

88654 PALMER, S. Zur frage der agrarreform in den aussereuropäischen ländern. Inst. f. Raumforsch. Inform. 23/24:205-213. June 28,1952. 280.9 B6431

88655 PATTON, J. G. Land reform brings new hope to millions of farmers. Rur. Life, June 1952:11. 281.28 R884
Italy.

88656 PELKA. Um die zulässigkeit von realteilungen Bad. Landwirt. Wchnbl. 119:437. June 21,1952. 18 B142

88657 PELKA. Was müssen verpächter und pächter vom neuen landpachtgesetz wissen? Bad. Landwirt. Wchnbl. 119:514. July 26,1952. 18 B142

88658 PELKA. Was müssen verpächter und pächter vom neuen landpachtgesetz wissen? Württemb. Wchnbl. f. Landwirt. 119:629-630. July 12,1952. 18 W96

88659 PETERSEN, V. G. Man and his land. Land & Liberty 59:57-58. May/June 1952. 282.8 L222
Tenure conditions in various countries.

88660 PETIT-LAURENT, V. Faut-il supprimer les tribunaux paritaires? Fiches Rur. 82:25-30. July 1952. 281.8 F44
Legal aspects of tenancy in France.

88661 POIRÉE. Influence du remembrement sur les travaux d'equipement rural. Génie Rur. 45:231-232. July/Aug.1952. 58.8 Au8

88662 PRAX, A. Entre le bail à ferme et le bail commercial distinction. Prog. Agr. et Vitic. 146:42-43. July 20/27,1952. 14 P94
France.

88663 RAINERI, C. The connective tissue of the agrarian reform. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(66):1-2. Aug.2,1952. 281.8 Ag3

88664 RAMBERG, C. A. The new legislation on the invalidity of friendly division of land. (In Swedish.) Lantbrtidskr. f. Dalarna 3:87-95. June 1952. 11 L29

88665 RATCHFORD, C. B. Determining the rent in share and cash rental arrangement. South. Farm Mangt. Ext. P. 4,11 p. n.d. 275.29 So84

88666 RATCHFORD, C. B. Rental arrangements for progressive farming. South. Farm Mangt. Ext. P. 3,19 p. n.d. 275.29 So84

88667 RIOS, P. La renta de la tierra, algunos adelantos tecnológicos y la ubicación de los factores de producción. Acta Cient. Venezol. 3:8-10. Jan./Feb.1952. 475 Ac83

88668 ROMUALDI, N. Necessity for a thorough reform. (In Italian.) Acque Bonifiche Costr. (n.s.)21:14-17. Jan.1952. 54.8 Ac7
Problem of fragmentation of holdings in land reform in Italy.

88669 SCHILLER, O. Agrarreform—ein weltproblem. Ber. über Landwirt. (n.s.)30:247-263. 1952. 18 G31

88670 SCHLÖGL, A. Drei jahre arrondierung in Bayern. Landwirt. Wchnbl. 142:782-783. July 12,1952. 18 L2338

88671 SCHMIDT. Zum pachtpreis. Landwirt. Z. der Nord-Rheinprov. 119:785-786. July 26,1952. 18 L2344

88672 SCHULTE. Der bundesgerichtshof zur neufestsetzung von pachtpreisen. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1167-1168. July 31,1952. 18 L2346

88673 SMITH, R. S. Incorporation of the farm business. N. Y. Agr. Col. A. E. 831,17 p. July 1952. 281.9 C81
Incorporation of the family farm.

88674 TANAKA, Y. Constitution of land owned by landlords in Japan before the landreform. (In Japanese.) Shizuoka U. Fac. Agr. Rpt. 1:11-20. 1951. 107.6 Iw92
English summary.

88675 VANE, W. M. F. The landowner's place in present farming practices. Roy. Agr. Soc. Eng. Q. Rev., Dec.1951:8-10. 10 R81Q

88676 VARGAS, G. The agrarian reform in Brazil. (In Portuguese.) Fazenda 47(7):23-25,44. July 1952. 6 H11P

88677 WALMSLEY, R. C. Farm rental arbitrations. Roy. Inst. Chartered Surveyors. J. 32:106-113. Aug. 1952. 282.9 C38J

88678 WATAYA, T. Outline of theory as propounded by Prof. Suzuki and Mr. Kurihara on the character of post-reform owner farmers and the comment thereon. (In Japanese.) Nogyo Sogo Kenkyu 6(2):144-202. Apr. 1952. 22.5 N687
Japan.

Land Utilization

88679 ARTAUD. Mévente et—engrais verts. Terre d'Oc 34:210-212. June 1952. 14 Ar5
Putting the land into green manures instead of other products.

88680 CASE, H. C. M. Trends in Illinois agriculture—our new frontier. Ill. Farm Econ. 204:1349-1353. May/June 1952. 275.28 IL5
Better land use.

88681 FRANCE. DIRECTION DE LA DOCUMENTATION. L'aménagement du territoire en Grande-Bretagne (Angleterre et Pays de Galles). France. Dir. de la Doc. Notes et Etudes Doc. 1634;48 p. July 22,1952. 280.9 F843

88682 FULKER, C. W. Town and country planning; de-rationing possibilities for eggs and meat. Co-op. Rev. 26:187-188. Aug.1952. 280.28 C7823
Great Britain.

88683 GORRIE, R. M. Land use, soil erosion, and livestock problems in Ceylon. J. Range Mangt. 5:215-220. July 1952. 60.18 J82

88684 KIFER, R. S. Planning for land use. Our Pub. Lands 2(3):5. July 1952. 156.55 Ou7

88685 MAITLAND, V. K. The planning of land use improvement in the Middle East. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:104-107. 1949,pub.1951. 279.9 Un32P

88686 MASSINGHAM, H. J. Folly in the new towns; building on rich farm land continues and more is being planned: what, and how, shall we eat? Field 200:146. July 26,1952. 10 F45
In England.

88687 PEAKE, J. S. Food production and residential areas. Town & Country Planning 20:386-388. Aug.1952. 98.58 T66
Land use in Great Britain.

88688 POLITICAL AND ECONOMIC PLANNING. Land-use planning; a programme for social studies. Planning 18;93-120. Sept.10,1951. 280.8 P693
Great Britain.

88689 ROUNCE, N. V. Agricultural development in relation to land use in Sukumaland. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:585-588. 1949,pub.1951. 279.9 Un32P

88690 SCOTT, R. D. Upland and marginal land development. Farmers Annu. 1952:41-42. 10 F2237
Great Britain.

88691 SORIANO, D. Land classification. Forestry Leaves 5(3):16-17,38. Apr.1952. 99.8 P532
Philippines.

88692 TAYLOR, R. K. R. Subsidies are not enough. Farmers Wk. [London] 37(5):55,57. Aug.1,1952. 10 F2226
Development of marginal farms in Britain.

88693 THOMAS, H. O. Developmental trends of town planning overseas. Valuer 12:115-119. July 1,1952. 282.8 V24

88694 YOUNG, A. W. Arable lands in Texas. Tex. Agr. Workers' Assoc. Proc. 24:21-23. 1951. 4 T314
Land use.

Land Values and Valuation

88695 ARNETTE DE LA CHARLONNY, L. l'expertise judiciaire. Rev. de Lég. Agr. 5:111-115. June/July 1952. 281.8 R325
France.

88696 BRATTON, C. A. Value of farm privileges, northern Livingston County, 1908—1948. N. Y. Agr. Col. A. E. 827,15 p. June 1952. 281.9 C81

88697 COLLISSON, C. F. Dakota farmers topped Nation in 1951 for farm land price increases. Com. West. 104(2):7-8. July 12,1952. 286.8 C733

88698 DAVIS, W. D. Rural land appraisal. Assessors' News Let. 18:36-37. May 1952. 284.69 N217A

88699 MARIS, P. V. Essential requirements of a good farm and how to acquire such farms. n.p.,1952. 15 p. 1.95 T25A

88700 NIESCHULZ. Der verfahrensgang der einheitsbewertung. I. Hannoversche Land- u. Forstwirt. Ztg. 105:726-727. July 19,1952. 18 H194

88701 SCHMIDT. Zum vorkaufsrecht. I-II. Landwirt. Z. der Nord-Rheinprov. 119:813,841-842. Aug.2-9, 1952. 18 L2344

POPULATION

88702 GAMBLE, D. P. Infant mortality rates in rural areas in the Gambia Protectorate. J. Trop. Med. & Hyg. 55:145-149. July 1952. 448.8 J827

88703 GUIMARÃES, A. P. Division of the Federal District into urban, suburban, and rural areas for census purposes. (In Portuguese.) Rev. Bras. de Estatis. 7:292-306. July/Sept.1951. 251.8 R322

88704 HUSAM. Wirtschaftsberatung und landflucht. Nachr. f. Beratung u. Ausbild. in der Landwirt. 5:61-62. (Concl.) June 1952. 18 N11
Germany.

88705 LIPPMANN, K. Ist landflucht not? Das deutsche und das amerikanische problem. Übersicht 3 (6):22-25. June 1952. 18 Ub3

88706 MARESCALCHI, C. Rural emigration to Argentina. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(57):1-2. July 5,1952. 281.8 Ag3

88707 SMITH, K. Some observations on modern Malthusianism. Population Studies 6:92-105. July 1952. 280.8 P813

88708 UNION OF SOUTH AFRICA. BUR OF CENSUS AND STATISTICS. Population on farms of whites. Union So. Africa. Buro v. Sensus en Statis. Landbsensus. Spesiale Verslagreeks 6,23 p. 1952. 270 So87L

RURAL SOCIAL ORGANIZATION

88709 ABELL, H. C. The use of scale analysis in a study of the differential adoption of homemaking practices. Rur. Sociol. 17:161-167. June 1952. 281.28 R88
Includes discussion by L. Cokman.

88710 GAMIO, M. Consideraciones sobre problemas del Valle del Mezquital. Amér. Indíg. 12:217-223. July 1952. 446.9 In8A
English summary.
Improvement of the peasant based on cultural observation.

88711 LIONBERGER, H. F. The diffusion of farm and home information as an area of sociological research. Rur. Sociol. 17:132-143. June 1952. 281.28 R88
Discussion by E. A. Wilkening.

88712 LUZ FILHO, F. The Brazilian rural man. (In Portuguese.) Divulg. Coop. 31:3-4. May 1952. 280.28 R47

88713 MCMILLAN, R. T. Major rural problems of the Philippines and suggested solutions. Soil Sci. Soc. Philippines. J. 4:101-109. Ref. Second Q.1952. 56.9 So35

88714 NATIONAL COUNCIL OF SOCIAL SERV. Annual report 1950-51. London,1951. 52 p. 280.9 N2198A
Includes rural welfare.

88715 PEARSON, N. F. The care of aged persons in a rural district with particular reference to their housing. Pub. Health 65:75-76. Feb.1952. 449.8 P96
Great Britain.

88716 SEIDENSTICKER, P. Neubildung dorfeigener kultur. Junges Landvolk 2:20-24. Jan./Feb.1952. 18 J952
Germany.

88717 SORNAY, M. Le problème de la vie rurale en montagne. Acad. d'Agr. de France. Compt. Rend. 39: 374-375. May 14/21,1952. 14 P215Bc

88718 TAVES, M. J., and GROSS, N. A critique of rural sociology research, 1950. Rur. Sociol. 17:109-118. June 1952. 281.28 R88

Human Ecology

88719 BERTI, and BIANCHINI. A center of peasant life in the heart of Maremma. (In Italian.) Agricoltura 1(6):44-49. June 1952. 16 Ag8226
Village planning.

88720 CHRISTIAN, G. Parish councils. Estate Mag. 52:227-230. June 1952. 10 Es8
Great Britain.

88721 CLEGG, J. B. Mlalo rehabilitation scheme. United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 6:88-89. 1949,pub.1951. 279.9 Un32P
Village survey.

88722 DITTRICH, E. Internationale studientagung über probleme der raumordnung. Inst. f. Raumforsch. Inform. 25/26:234-235. July 12,1952. 280.9 B6431

88723 JOHNSON, H. S. Rural community organization. Miss. State Col. Ext. P. 209,9 p. Jan.1952. 275.29 M68Ext

88724 KAUFMAN, H. F., and RIVERS, D. W. Community development. Miss. State Col. Ext. P. 197,7 p. June 1951. 275.29 M68Ext

88725 MARKOVIĆ, M. Resolution of the Central Committee, Communist Party of Yugoslavia, on further paths of socialist transformation of villages and the resolution of the Third Regular Assembly of the Cooperative Union, FPRY. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(2):7-28. Feb.1952. 21.5 So1

Institutions

88726 ADRIANO, C. Extension Service as an action program in home economics. Philippine J. Home Econ. 3(4):20-21. Apr./June 1952. 321.8 P53

88727 ALABAMA. POLYTECHNIC INSTITUTE. AGRICULTURAL EXTENSION SERV. 1952 specialist's suggestions for county plan of work. Auburn,1952? 137 p. 275.29 AL1Su

88728 ANDERSON, C. European extension service is growing. Better Farming Methods 24(8):14-16. Aug. 1952. 58.8 B46

88729 ASMIS. Der Verband der Landwirtschaftskammern. Deut. Landwirt.-Gesell. Mitt. 67:470-471. June 28,1952. 18 N39

88730 BAEPLER, F. A., SCHLER, G., and BURKHARDT, C. Ministers discuss problems which face rural churches of America. Boonville Adver. 113(17):2, 98. July 25,1952. 281.28 B64

88731 BAKER, J. A. The farmer in politics! (Condensed.) Farm Policy Forum 5(8):27. Aug.1952. 281.8 F2274

88732 BELL, E. J. Talk with farm people. Soil Sci. Soc. Philippines. J. 4:78,149. Second Q.1952. 56.9 So35
Advice to extension workers.

88733 BERENDS, J. C. Growth of vocational information associations and task of the district assistant. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:219-220. June 1952. 12 N383M

88734 BERNEGGER, J. Zur schulwoche: der landnahe unterricht. Salzburger Bauer 7(27):3. July 3, 1952. 19 Sa3

88735 BERTHELET, P. La grande semaine d'Angoulême. Paysan Franç. 28(415):12-13. July 1952. 14 P29

88736 BOSCH, M. 3. Europäischer Landarbeitskongress in Brugg, 22. bis 28. juni 1952; die tätigkeit des Schweizerischen Instituts für Hauswirtschaft (SIH) und seine bedeutung für die schweizerische bäuerin. Schweiz. Bauer 106(73):15. (Cont.) June 27,1952. 17 Sch95

88737 BOUTWELL, A. S. The road to health. Miss. State Col. Ext. P. 162,8 p. Jan.1951. 275.29 M68Ext
4-H Club project.

88738 BUSCH, W. Die stellung der landwirtschaftlichen betriebslehre im unterricht. Agrarwirtschaft 1: 179-183. July 1952. 281.8 Ag826
Germany.

88739 CARROLL, J. S. The united front in rural education. Natl. Soc. Study Educ. Ybk. 51(2):221-248. 1952. 275.9 N214

88740 CATTERMULL, C. C. In the beginning: a series of articles dealing with the development of educational and research institutes. 18. Seale-Hayne Agricultural College. Agr. Prog. 26:61-67. 1951. 10 Ag86

88741 CHANG, C. W. Agricultural extension. Soil Sci. Soc. Philippines J. 4:79-85. Second Q.1952. 56.9 So35

88742 CHASE, F. S., and BAKER, J. E. Rural education today. Natl. Soc. Study Educ. Ybk. 51(2):89-122. 1952. 275.9 N214

88743 COOPER, S. Evaluating rural education. Natl. Soc. Study Educ. Ybk. 51(2):249-285. 1952. 275.9 N214

88744 CUNYUS, P. A. Trends in agricultural education. Tex. Agr. Workers' Assoc. Proc. 25:32-40. 1952. 4 T314

88745 DAVIDSON, J. The National Farm Radio Forum conference. MacDonald Col. J. 12(11):4. July 1952. 101 M144

88746 DÖPKE. Ein neuer ausbildungsweg. Hannoversche Land- u. Forstwirt. Ztg. 105:726. July 19, 1952. 18 H194
Vocational agriculture.

88747 DUMPLETON, C. W. Health and housing on CDC [Colonial Development Corporation] estates. Gt. Brit. Colon. Devlpmt. Corp. Colon. Devlpmt. 1(10):14-17. Summer 1952. 280.9 G7933C
Africa.

88748 DUNNINGTON-JEFFERSON, SIR J. The Ryan Report. Agr. Prog. 26:68-72. 1951. 10 Ag86
Administration of advisory services and agricultural education in Great Britain.

88749 ETHRIDGE, R. Parliamentary procedure. Miss. State Col. Ext. P. 216,12 p. Jan.1952. 275.29 M68Ext

88750 FARR, M., STORY, R. C., and KELLY, F. J. Statistics of land-grant colleges and universities year ended June 30, 1951. U.S. Off. Educ. B. 2,54 p. 1952. 156.3 B87

88751 FRISBIE, W. B. The Blue Valley farm show, a cooperative community enterprise. Agr. Educ. 25:37, 46. Aug.1952. 275.8 Ag8
Pennsylvania.

88752 GALLOWAY, R. E., and KAUFMAN, H. F. Study use of hospitals by rural people. Miss. Farm Res. [Miss. Sta.] 15(6):6-7. June 1952. 100 M69Mi

88753 GARRAD, G. H. When the Royal Agricultural Show was held at Maidstone. Kent Farmer 1:191,193. July 1952. 10 K412
In 1899.

88754 GIBBS, H. M. Texas youth camp. Farm Electrif. 6(4):12-13. July/Aug.1952. 335.8 F224

88755 GILFILLAN, R. S. German farmers lack militant leadership; high costs, low prices, leave farmers in old state of peasantry. Farmers Union Herald 26(14): 6. July 21,1952. 280.28 F224

88756 GONÇALVES, L. I. Manson disease. (In Portuguese.) Seleç. Agr. 7(72):43-46. Apr.1952. 9.2 Se4
In human beings; caused by Schistosoma mansoni.

88757 GORDY, A. S. Extension activities and accomplishments, 1951. U. S. Ext. Serv., Ext. Serv. C. 481,45 p. June 1952. 1.9 Ex892Esc

88758 GÖZ, H. Für die landwirtschaftskammer. Bad. Landwirt. Wchnbl. 119:529-530. Aug.2,1952. 18 B142

88759 GRAFEN, F. Methodik in den unterrichtszweigen deutsch und rechnen. Nachr. f. Beratung u. Ausbild. in der Landwirt. 5:65-67. June 1952. 18 N11
Germany.

88760 GRIGNON. Note sur l'enseignement postscolaire agricole de l'Aude. Fed. Pyrén. d'Écon. Montagn. Ann. 13:101-106. 1952. 280.9 F312

88761 GRONBERG, G. Wie löse ich die schwerpunkte der beratung im bäuerlichen betrieb? Deut. Landwirt.-Gesell. Mitt. 67:566-567. Aug.9,1952. 18 N39

88762 GRUBER, A. Leuchtende sterne über dem bauernhofe. Bauer 4(44):2-4. Dec.22,1951. 19 B32
Farm women in Austria.

88763 GUARD, S. R. How to get the most out of your days at the fair. Breeder's Gaz. 117(8):7,37-39. Aug. 1952. 49 B74

88764 HANKINS, J. E. The publicity value of a parish newspaper. Rur. Church 14(2):3-5. Apr./May 1952. 281.28 R885

88765 HAUSCHILD, I. Landwirtschaftliche fachausbildung. Bauer 5(23):3-4. June 28,1952. 19 B32
Austria.

88766 HERING, G. Fachausbilding des bäuerlichen nachwuchses. Allgäuer Bauernbl. 20:400-401. July 31, 1952. 18 AL53

88767 HJULSTAD, O. Impressions from an American trip. (In Norwegian.) Landbrukstidende 58:464-466. June 11,1952. 11 L236
Chiefly on the Extension Service.

88768 HOHENHEIM. LANDWIRTSCHAFTLICHE HOCHSCHULE. Personal- und vorlesungs-verzeichnis mit studienführer. Stuttgart,1952. 31 p. 105.8 H683

88769 HORSBRUGH, F. Country education. Home & Country [London] 34:202-203. July 1952. 281.28 H752
Great Britain.

88770 HOTCHKISS, J. C. Eastern Caribbean Farm Institute. Agr. Soc. Trinidad & Tobago. J. 52:31-36. Mar.1952. 8 T73

88771 HOWARD, V. The Navajo saddle blanket. West. Horseman 17(8):8-9. Aug.1952. 42.8 W522

88772 HUMPHREYS, E. O. The Ryan Report. Agr. Prog. 26:73-77. 1951. 10 Ag86
Agricultural education and advisory services in Great Britain.

88773 JAMES, D. H. Publicity for the rural church. Rur. Church 14(2):1-3. Apr./May 1952. 281.28 R885

88774 JONES, D. W. Extra Mural Classes in Agriculture. Agr. Prog. 26:84-86. 1951. 10 Ag86

88775 JONG, J. D. DE. The position of the assistant in the National Agricultural Information Service. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:207-209. June 1952. 12 N383M

88776 KNIGHT, A. T. For the whole of life. Rur. Missions 83:3,6. Summer 1952. 281.28 Ag8
Missionery work in Angola.

88777 KOTAIAH, P. Has the handloom industry a future? Madras J. Co-op. 43:617-621. June 1952. 280.28 M26

88778 KRAUS, G. Der naturkundeunterricht an landwirtschaftlichen schulen. VI. Höhere Bundeslehr- u. Versanst. f. Wein- u. Obstbau. Mitt. 2:124-127. May 1952. 105.9 K696
English summary.
Austria.

88779 KRAUTLE, K. Die landwirtschaftskammer in Baden-Württemberg. Württemb. Wchnbl. f. Landwirt. 119:627-629. July 12,1952. 18 W96

88780 KRIEBER, F. Verlängerte gültigkeit der kinderbeihilfenkarte 1951. Bauer 4(43):15-16. Dec.15, 1951. 19 B32
Austria.

88781 KULLMAN, N. E., JR., and BUTTERWORTH, J. E. Pilot programs in rural education. Natl. Soc. Study Educ. Ybk. 51(2):123-164. 1952. 275.9 N214
Includes papers by E. M. Breckon, L. Johnson, E. Dunn W. E. Baker, M. Pratt, W. J. Nigg, and J. L. Moffitt,

88782 KUZNETSOV, S. G. Fundamental problems in organization of collective farm centers of agricultural culture. (In Russian.) Sovet. Agron. 10(7):3-8. July 1952. 20 So84
Research and education of farm workers.

88783 LAMB, M. W. The development of rural family life. Tex. Agr. Workers' Assoc. Proc. 24:1-4. 1951. 4 T314

88784 LEGETT, E. Have you made your will. Miss. State Col. Ext. P. 218,5 p. June 1952. 275.29 M68Ext

88785 LINDSTROM, D. E. The rural community and school district reorganization. Rur. Sociol. 17:171-172. June 1952. 281.28 R88

88786 MAIER-BODE. Auf neuen wegen. Deut. Landwirt.-Gesell. Mitt. 67:498-499. July 12,1952. 18 N39
Exhibition of the Deutsche Landwirtschafts-Gesellschaft.

88787 MAINZ, E. Fremdlehre? Nachr. f. Beratung u. Ausbild. in der Landwirt. 5:62-63. June 1952. 18 N11
Youth training in Germany.

88788 MARIEN. L'instruction professionnelle agricole dans les B.-du-Rh. Bouches du Rhône Agr. 24 (1078):1,5. July 15,1952. 14 B662

88789 MASTROMATTEO, E. Tuberculin patch testing survey of the rural school population in southwestern Manitoba. Canad. J. Pub. Health 43:296-299. July 1952. 449.8 P964

88790 MAYES, L. C. County government can be efficient; in Virginia the county manager system has replaced "horse and buggy" goyernment in several counties with good results. Farm & Ranch—South Agr. Upper So. Ed. 82(8):12,19. Aug.1952. 6 T31

88791 MAYRHOFER, W. Land- und forstwirtschaftliche nebenbetriebe—gewerbe- und steuerrechtlich gesehen. Kärntner Bauer 102:425-428. July 19,1952. 19 K14

88792 MEISNER, D. Review of Soviet agricultural periodicals published in 1951. Interagra 6:228-258. 1952. 28 In825

88793 MISSISSSIPPI. STATE COLLEGE. EXTENSION SERV. Extension at work; annual report 1950. Miss. State Col. Ext. P. 182,23 p. Apr.1951. 275.29 M68Ext

88794 MODAELLI, P. M. E. Sankranti, harvest festival. (In Italian.) Riso 1(5):18-20. June 1952. 59.8 R49
India.

88795 MUKHERJEE, R. Peasant problem in Uganda. Interagra 6:178-192. Ref. 1952. 28 In825

88796 NATIONAL SOCIETY FOR THE STUDY OF EDUCATION. The fifty-first yearbook. II. Education in rural communities. Chicago,1952. 429 p. 275.9 N214

88797 NELSON, L. Education in a changing rural life. Natl. Soc. Study Educ. Ybk. 51(2):6-47. 1952. 275.9 N214

88798 NIELSEN, E. Danish co-operative theatre opens new cultural life for farmer members. Co-op. Rev. 26:185-186. Aug.1952. 280.28 C7823

88799 NORTH CAROLINA. STATE COLLEGE OF AGRICULTURE AND ENGINEERING. SCHOOL OF AGRICULTURE. Annual report 1950/51. Raleigh,N.C.,1951. 96 p. 276 N8126

88800 OGG, W. E. The role of the Extension Service in today's world. Farm Policy Forum 5(8):15-17. Aug.1952. 281.8 F2274

88801 PACYNA, G. Das neue gesicht des bauern in der technischen epoche. Junges Landvolk 2:9-19. Jan./Feb.1952. 18 J952

88802 PALMER, E. L. The Cornell Rural School Leaflet. N. Y. State Conserv. 7:12-13. Aug./Sept. 1952. 279.8 N48

88803 PANGANIBAN, F. C. Agricultural extension service with youth. Soil Sci. Soc. Philippines J. 4:88-94. Second Q.1952. 56.9 So35

88804 PARNAS. Institute of Medical Protection of Labor in the Village [at the Lublin Medical Academy]. (In Russian.) Interagra 6:222-225. 1952. 28 In825

88805 PETITLAURENT, V. S. Où en sont les allocations familiales en novembre 1951? Cerca 25:59-65. Dec.1951. 105.3 An4C
France.

88806 PINILLA, A. Los núcleos escolares rurales en el Perú. Amér. Indíg. 12:225-234. July 1952. 446.9 In8A
English summary.

88807 POZZO ARDIZZI, L. La Facultad de Agronomia y Veterinaria y su medio siglo. Pampa Argentina 25 (294):6-7,18. June 1952. 9 P19
University of Buenos Aires.

88808 QUEBEC. MINISTÈRE DE L'AGRICULTURE. Le mérite agricole 1951. Quebec,1951. 219 p. 7 Q3Cb

88809 RHEINWALD, H. Landfrau und beratung. Nachr. f. Beratung u. Ausbild. in der Landwirt. 5:63-65. June 1952. 18 N11
Germany.

88810 ROBOCK, S. H. Rural industries and agricultural development. J. Farm Econ. 34:346-360. Aug. 1952. 280.8 J822

88811 ROHM, H. Der jugendberatungsdienst im gesamtbild der erziehung und ausbildung auf dem lande. Ber. über Landwirt. (n.s.)30:207-218. 1952. 18 G31
Germany.

88812 ROMON, H. Paysans d'hier, agriculteurs de demain. Nord Agr. 8(35):1-2. June 20,1952. 14 N75
France.

88813 ROSE, J. Conducting school fairs. Agr. Educ. Mag. 25:35,39. Aug.1952. 275.8 Ag8

88814 RUMOR, M. The mountain festival. (In Italian.) Agricoltura 1(6):5-7. June 1952. 16 Ag8226
English summary.
Italy.

88815 SALISBURY, G. State 4-H fair goes to [Michigan State] college. Capper's Farmer 63(8):17-19, 27. Aug.1952. 6 M693

88816 SANDERS, H. W. Trends indicated by the follow-up study of former students. Agr. Educ. Mag. 25: 43-45. Aug.1952. 275.8 Ag8

88817 SCHMIEL, W. Hamburger schulkinder im ernteeinsatz. Deut. Landwirt.-Gesell. Mitt. 67:471-472. June 28,1952. 18 N39

88818 SEEDORF, W. Unerschlossene tätigkeitsgebiete für diplomlandwirte. Diplomlandwirt 2:73-75. July 1952. 18 D62
Germany.

88819 SHACHTMAN, B. E. Simplification pays off. Libr. J. 77:1254-1258. Aug.1952. 243.8 L61
Procedures in the U. S. Department of Agriculture Library.

88820 SILVEIRA, G. G. DA. The press and problems of the rural man. (In Portuguese.) Lavoura 56:18-20. Mar./Apr.1952. 9.2 L39
Need for increasing literacy in Brazil.

88821 SILVEIRA, G. G. DA. Vocational guidance for agriculture. (In Portuguese.) Lavoura 56:51-53. May/June 1952. 9.2 L39
Education in Brazil.

88822 SMITS, C. Vocational education of farm workers. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:182-184. June 1952. 12 N282

88823 SOUTH DAKOTA. STATE COLLEGE OF AGRICULTURE. EXTENSION SERV. Rural Life Sunday, May 18, 1952. Brookings,1952. 17 p. 275.29 So85Ru

88824 STRANG, R. Potentialities of education in rural communities. Natl. Soc. Study Educ. Ybk. 51(2): 48-88. 1952. 275.9 N214

88825 STUCH. Lebendige landwirtschaftsschule. Landwirt. Z. der Nord-Rheinprov. 119:814. Aug.2,1952. 18 L2344

88826 TJALLEMA, H. T. The information service in agriculture and the assistant. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:205-206. June 1952. 12 N383M

88827 U. S. EXTENSION SERV. Bibliography for reference reading for class in extension evaluation. Washington?1952. 2 p. 1.913 A2B474

88828 U. S. EXTENSION SERV. Highlights of extension education 1950-51; recreation and cultural arts, by E. J. Niederfrank. Washington,1951. 15 p. 1.913 A5H533

88829 VOLLERT, E. Die schule auf rädern. Nachr. f. Beratung u. Ausbild. in der Landwirt. 5:67-69. June 1952. 18 N11
Germany.

88830 WEEKS, Z. E. Publications, films, agencies, and other aids in rural education. Natl. Soc. Study Educ. Ybk. 51(2):296-354. 1952. 275.9 N214

88831 WEISS. Für und wider eine landwirtschaftskammer. Bad. Landwirt. Wchnbl. 119:447-448. June 28, 1952. 18 B142

88832 WEISS. Reform der landw.-verwaltung ohne bürokratie! Bauern-Ztg. 5(25):4,12. June 20,1952. 18 B324
Germany.

88833 WEISS, M. Vorbeugen ist besser als heilen; leibesübungen im dienste ländlicher gesundheitspflege. Übersicht 3(6):19-21. June 1952. 18 Ub3
Germany.

88834 WEST OF SCOTLAND AGRICULTURAL COLLEGE. Report on the work of the College for the year ending 30th September, 1951. Stirling,1951. 56 p. 103 W52A

88835 WOFFORD, K. V. Better rural education through improved educational leadership. Natl. Soc. Study Educ. Ybk. 51(2):192-220. 1952. 275.9 N214

88836 WOFFORD, K. V. Better rural education through reorganization of the administrative unit and the curriculum. Natl. Soc. Study Educ. Ybk. 51(2):165-191. 1952. 275.9 N214

88837 WRIGHT, G. French farmers in politics. So. Atlantic Q. 51:356-365. July 1952. 110 So82

Leadership

88838 GOAD, B. Be a 4-H leader. Miss. State Col. Ext. P. 227,16 p. June 1952. 275.29 M68Ext

88839 MARYLAND. UNIVERSITY. COLLEGES OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. Handbook for 4-H Club leaders. Md. Agr. Col. Ext. B. 117,rev.,33 p. June 1952. 275.29 M36B

Rural Organizations and Movements

88840 ABRAHAMSEN, M. A., and SCEARCE, J. L. Handbook on major regional farm supply purchasing cooperatives, 1950 and 1951. U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Misc. Rpt. 164,60 p. May 1952. 166.3 M68

88841 ABRAHAMSEN, M. A. Northwest Wholesale Incorporated. (Current operations and an appraisal of possible directions for development). U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Ltd. Rpt. 38,50 p. Jan. 1952. 1.955 C2L62

Orchard supply cooperative in the State of Washington.

88842 AGRICULTURAL SOCIETY OF TRINIDAD & TOBAGO. Annual report of the secretary for the year 1951. Agr. Soc. Trinidad & Tobago. J. 52:21-28. Mar. 1952. 8 T73

88843 AIZSILNIEKS, A. P. Farmer Cooperatives and Economic Welfare—a reply. J. Farm Econ. 34:400-403. Aug.1952. 280.8 J822

Reply to a paper by E. Clark; rejoinder by E. Clark, p. 404-407.

88844 ALBANESE, F. Historical survey of the origins and confirmation of the largest agricultural cooperative organization. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(59):1-2. July 12,1952. 281.8 Ag3

Federazione Italiana dei Consorzi Agrari.

88845 ANDRADE, J. L. DE. Cooperative matters. (In Portuguese.) Granja [Lisboa] 11:104-110. Apr./June 1952. 15.5 G76

88846 BAJALICA, D. Reorganization of passive cooperatives in Bosnia and Herzegovina. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(3):54-66. Mar. 1952. 21.5 So1

88847 BLAZHEVSKI, J. Some basic tasks in the introduction of new organization of work in SRZ (Peasant Working Cooperatives). (In Serbo-Croatian.) Socijalističko Zemjodelstvo 3(12):15-32. Dec.1951. 280.28 So7

Yugoslavia.

88848 BLAZHEVSKI, J. What have completed accounts in peasant cooperatives of Macedonian Peoples Republic shown. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(2):29-36. Feb.1952. 21.5 So1

88849 BOBERSKI, E. Völkerverbindende genossenschaftsidee. Bauer 5(25):7. July 12,1952. 19 B32

Austria.

88850 BRANNAN, C. F. USDA backs sound farmer co-ops. Grain Prod. News 4(12):29, 30. July 1952. 286.81 G764

88851 BRANNAN, C. F. U. S. D. A. policy regarding cooperatives. Grain Prod. News 4(11):15. June 1952. 286.81 G764

88852 BUTLER, E. Texas Agricultural Workers' Association, 1928—1952. Tex. Agr. Workers' Assoc. Proc. 25:41-55. 1952. 4 T314

88853 CAMPEN, P. C. M. VAN. Agricultural co-operation in America. (In Dutch.) Boer en Tuinder 6 (286):1-2. July 26,1952. 12 B632

88854 CAMPEN, P. C. M. VAN. Agricultural co-operation in America. (In Dutch.) Co-operatie 14:78-81. July 1952. 280.29 N216M

88855 CERVEIRA, M. Some considerations of agricultural cooperatives. (In Portuguese.) Agros [Lisboa] 35:144-155. May/June 1952. 15.5 Ag82

88856 COOPERATIEVE DORPSVERENIGING "RUURLO." Jaarverslagen over 1951 [Annual reports for 1951]. Ruurlo,1951. 40 p. 280.29 C7839

Contains reports for other cooperatives.

88857 CO-OPERATIVE FEDERATION OF WESTERN AUSTRALIA. Minutes and report of the thirty-first annual conference held February 19th to 21st, 1951. Perth,1951. 46 p. 280.29 C786

88858 CULLITY, M. Value of co-operation in agriculture. Queensland Fruit & Veg. News 2(24):17-18. Apr.25,1952. 280.38 Q3

88859 CYPRUS. DEPT. OF CO-OPERATION. Annual report for the year ending 31st December, 1951. Nicosia,1952. 14 p. 280.29 C99

88860 DEUTSCHE LANDWIRTSCHAFTS-GESELLSCHAFT. Festschrift zur 41. wanderausstellung der DLG. Deut. Molk.-Ztg. 72:629-704. May 25,1951. 44.8 Su2

88861 DU PLESSIS, C. VAN H. Financial problems of agricultural co-ops. Farmer's Wk. [Bloemfontein] 83: 59. July 9,1952. 24 F225

88862 DUSSERD, R. Les assemblées générales de coopératives. Tarn-et-Garonne Agr. 15:50-51. (Cont.) Mar.1952. 14 T17

88863 FETTEROLF, H. C. Future Farmers of America, a new generation. Guernsey Breeders' J. [Peterborough] 85:963-964,984. Aug.1,1952. 43.8 G93

88864 FISCHER, K. H. Ökonomische komplementarität von genossenschaft und landwirtschaftsbetrieb. Z. f. das Gesam. Genossenschw. 2:101-113. 1952. 286.8 Z3

88865 FRATTARI, E. Empowering of Confagricoltura. (In Italian.) Rass. dell' Agr. Ital. 7(6):1-4. June 1952. 281.8 R18

88866 FRERS, E. Foundation of the Argentine Rural Society, July 10, 1866. (In Portuguese.) Lavoura 56:6-8. May/June 1952. 9.2 L39

88867 FUENTES, C. Las cooperativas del campo, en Asturias. Cooperación [Madrid] 123/124:24-25. May/June 1952. 280.28 C7875

88868 HALL, D. M. Adding spice to meeting business. Grain Prod. News 5:10,15. Aug.1952. 286.81 G764

Cooperative organizations.

88869 HECKMAN, J. H., and WHEELER, A. E. Agricultural cooperation in Denmark and Sweden. U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Misc. Rpt. 165, 42 p. Ref. May 1952. 166.3 M68

U. S. Office of Foreign Agricultural Relations cooperating.

88870 HERRMANN, F. Zur errichtung einer landw. selbstverwaltung. Bad. Landwirt. Wchnbl. 119:513-514. July 26,1952. 18 B142

88871 HUNT, R. L. Farmer owned and operated organizations. Tex. Agr. Workers' Assoc. Proc. 24:74-78. 1951. 4 T314

Cooperative and other organizations in Texas.

88872 HUTCHINSON, K. T. Co-ops and the agricultural challenge. Washington,U. S. D. A., Off. Sec.,1952. 11 p. 1.91 A2H97

Talk to American Institute of Cooperation, East Lansing, Aug. 11, 1952.

88873 ILLINOIS STATE GRANGE. Journal of proceedings, eightieth annual session, Springfield, Illinois, October 1, 2, 3, 4, 1951. Springfield?1951. 125 p. 4 IL63

88874 INDIAN CO-OPERATIVE CONGRESS, 1st, BOMBAY, 1952. Proceedings, on 25th, 26th and 27th February 1952. Bombay Co-op. Q. 35:173-236. Apr.1952. 280.28 B63

88875 INTERNATIONAL PEASANT UNION. The third congress. Internatl. Peasant Union. B. 3(5),66 p. 1952. 280.9 In822

88876 JELUŠIĆ, K. General agricultural cooperative in Cabar viewed from economic prospects for 1952. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(1):36-50. Jan.1952. 21.5 So1

88877 JEWISH AGRICULTURAL SOCIETY. Annual report of the general manager, 1951. New York,1952. 26 p. 4 J55

88878 KENYA FARMERS' ASSOCIATION (CO-OPERATIVE). Twenty-ninth directors' report and statement of accounts 31st July, 1951. Nairobi,1951. 26 p. 280.29 K42

88879 KNAPP, J. G. Cooperative management comes of age. Grain Prod. News 4(12):21-23. July 1952. 286.81 G764

88880 KNAPP, J. G. The future of farmer cooperatives. Washington,U. S. Farm Credit Admin.,1952. 15 p. 1.955 C2K72

Notes for talk at annual meeting of Farmers Cooperative Grain Dealers Association of Oklahoma, Enid, Apr. 17, 1952.

88881 KRUŠIĆ, K. Raw economic development of agricultural cooperatives in Montenegro. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(1):59-60. Jan. 1952. 21.5 So1

88882 LAUTURE, J. Club des jeunes et caisses populaires. B. Agr. 2(4):7-8. July 1952. 8 B87
Haiti.

88883 LAZAROV, S. The essence of agricultural reorganization in the Peasant Working Cooperatives. (In Serbo-Croatian.) Socijalističko Zemjodelstvo 3(12): 33-40. Dec.1951. 280.28 So7
Yugoslavia.

88884 LUZ FILHO, F. Further additions to the history of the cooperative movement in Brazil. (In Portuguese.) Lavoura 56:14-17. Mar./Apr.1952. 9.2 L39

88885 LYNCH, F. 4-H marches on. Tex. Agr. Workers' Assoc. Proc. 24:9-12. 1951. 4 T314
History.

88886 MCGHIE, A. T. Las sociedades cooperativas agrícolas en Inglaterra. Cooperación [Madrid] 122:8-9. Apr.1952. 280.28 C7875

88887 MANABÍ, ECUADOR. CONSORCIO DE CENTROS AGRÍCOLAS. Informe anual de las labores realizadas durante el año 1951. Consorcio de Cent. Agr. de Manabí. Rev. 12(69):8-18. Jan./Mar.1952. 9.5 M31

88888 MAYER-SCHALBURG, R. Auf neuen wegen. Deut. Landwirt.-Gesell. Mitt. 67:417,428-429. June 7, 1952. 18 N39
Deutsche Landwirtschafts-Gesellschaft.

88889 MENON, M. S. Progress of co-operative movement in India 1949-1950. India. Dir. Econ. & Statis. Agr. Situation India 6:269-277. July 1951. 281.9 In23
Includes agricultural cooperatives.

88890 MESTRE, L. Le rôle de la Fedération Pyrenéenne d'Économie Montagnarde. Fed. Pyrén. d'Écon. Montagn. Ann. 13:85-94. 1952. 280.9 F312

88891 MEYERHOLZ. Der Verband Ländlicher Genossenschaften Hannover-Braunschweig e. V. und seine genossenschaften. Hannoversche Land- u. Forstwirt. Ztg. 105:616-617. June 21,1952. 18 H194

88892 MIJATOVIĆ, L. Agricultural production-reorganizational (specialized) cooperatives. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(3):36-45. Mar. 1952. 21.5 So1
Yugoslavia.

88893 MILENKOVIK, P. Conditions of emergence and the work of the first cooperative on the Territory of Macedonian Peoples Republic. (In Serbo-Croatian.) Socijalističko Zemjodelstvo 3(10/11):58-71. Oct./Nov. 1951. 280.28 So7

88894 NOELL, G. Die ländlichen genossenschaften in den USA. Raiffeisen-Rundschau 4:125-126. June 1952. 284.28 R132

88895 PANIĆ, Z. Some experiences derived from the introduction of new organization of work in peasant cooperatives in the district of Zemun. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(3):67-70. Mar.1952. 21.5 So1

88896 PARKER, C. W. O. Impressions of the fourth C.L.A. [Country Landowners' Association] course. Country Landowner 3:84-87. June 1952. 10 C836

88897 PAZDRAL, J. Future Homemakers of America, Texas association. Tex. Agr. Workers' Assoc. Proc. 24:13-15. 1951. 4 T314

88898 PETITJEAN, M. Vers une collaboration étroite entre agriculteurs de la Métropole et d'Afrique du Nord. Nouvelle Rev. Franç. d'Outre-Mer (n.s.)44: 131-132. June 1952. 280.8 B873
Fédération Nationale des Syndicats d'Exploitants Agricoles.

88899 PROKSCH, O. Das genossenschaftswesen in den Vereinigten Staaten von Nordamerika. Z. f. das Gesam. Genossenschw. 2:123-137. 1952. 286.8 Z3
Includes agricultural cooperatives.

88900 PUYAL, V. La cooperación agrícola en el campo social-cristiano. Cooperación [Madrid] 123/124: 14. May/June 1952. 280.28 C7875
Spain.

88901 ROMATIF, F. Les moyens de travail des dirigeants d'organisations rurales. Fiches Rur. 82:1-6. July 1952. 281.8 F44
France.

88902 RONDOU, J. L'activité du Boerenbond Belge en 1951. Agriculteur 56(24):3-4. June 15,1952. 13 B63P

88903 SANDIFORD, K. Co-operative development plans in India. Rev. Internatl. Coop. 45:159-163. July 1952. 280.28 In8B
Agricultural.

88904 SAUER. Die gestaltung der landwirtschaftlichen selbstverwaltung im lande Baden-Württemberg. Württemb. Wchnbl. f. Landwirt. 119:651-652. July 19, 1952. 18 W96

88905 SCHOBEL, A. Freiheit und ordnung durch die genossenschaft. Salzburger Bauer 7(25):1-2. June 19,1952. 19 Sa3

88906 SCHUMAIER, C. P., and MUTTI, R. J. The identity of stockholders in a farmers' cooperative. Ill. Farm Econ. 204:1353-1357. May/June 1952. 275.28 IL5

88907 SCHWEIZERISCHER BAUERNVERBAND. 32. ordentliche delegierten-versammlung, freitag, den 14. märz 1952, vormittags 10 uhr im Kursaal Schänzli in Bern. Schweiz. Bauernsek. Mitt. 150,48 p. 1952. 17 Se2

88908 SILVA ARAMBURU, J. Labor de la cooperación. Cooperación [Madrid] 123/124:9-10. May/June 1952. 280.28 C7875
Spain.

88909 SILVEIRA, G. G. DA. The National Agricultural Society at the Agricultural Round Table promoted by the Brazilian Rural Society. (In Portuguese.) Lavoura 56:35-41. Mar./Apr.1952. 9.2 L39

88910 SIQUEIRA, N. DE. Data on Brazilian cooperation. (In Portuguese.) Coop. Cent. dos Prod. de Leite. B. da C. C. P. L. 5:141. May 1952. 44.8 B634
Includes agricultural cooperatives.

88911 SMITH, L. P. F. Revolving fund capital for co-operatives. Agr. Ireland 9:181,183. Aug.1952. 10.5 Ag8

88912 SMITH, L. P. F. Specialist or general purpose societies? Agr. Ireland 9:148-149. July 1952. 10.5 Ag8
Cooperative organizations.

88913 SOUTHERN STATES COOPERATIVE. 28th annual report for the year ended June 30, 1951. n.p.,1951. 13 p. 280.29 So8A

88914 STEWART, C. L. A frontal organization for American agriculture. Farm Policy Forum 5(8):23-26. Aug.1952. 281.8 F2274

88915 TELLES, M. R., and FIGUEREDO, G. P. Brazilian Rural Society. (In Portuguese.) Soc. Rur. Bras. Rev. 32(375):18-22,24-28. Apr.1952. 9.2 B733
Annual reports of the president and director-treasurer.

88916 THOMAS, D. H. The history of Sandwich Growers. Farm & Mkt. 1(8):24-26. Aug.1951. 280.28 F229
Sandwich and District Growers Ltd.

88917 TIERESE, I. A better personality through 4-H Clubs. Miss. State Col. Ext. P. 200,13 p. Nov.1951. 275.29 M38Ext

88918 ULRICH, M., and MCDOWELL, A. Let's learn to sew. Wyo. Agr. Col. Ext. C. 124,37 p. Mar.1952. 275.29 W99C
4-H Club project.

88919 VALKO, L. The first co-operative law. Wash. Agr. Expt. Sta. C. 195,5 p. Aug.1952. 100 W27S

88920 VELJKOVIĆ, L. Present role and tasks of district associations of workers cooperatives. (In Serbo-Croatian.) Socijalist. Poljoprivreda 3(3):46-53. Mar. 1952. 21.5 So1
Yugoslavia.

88921 WASHINGTON CO-OPERATIVE FARMERS ASSOCIATION. Reports, 1951. Washcoegg 29(10):10-27. Mar.1952. 47.8 W27

88922 WILK, E. The creation of an economic organization by the farmers of Africa. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(63):8-9. July 26,1952. 281.8 Ag3

RURAL SOCIAL PSYCHOLOGY

88923 LINDEMANN-KECKEFOTH, U. Kameradschaft in der familie. Reich der Landfrau 30:237-238. July 26,1952. 18 L2347

88924 NEW YORK. STATE COLLEGE OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. You take it from here. N. Y. Agr. Col. Cornell Ext. B. 836-III,4 p. June 1952. 275.29 N48E
Discussion of question of working mothers.

88925 WELLER, B. E. Parents—what are their responsibilities. S. Dak. State Col. Agr. Ext. C. 478,15 p. Mar.1952. 275.29 So85

TRADE, FOREIGN AND INTERNATIONAL

88926 AGARWAL, R. M. Jute export policy. Indian Textile J. 62:554-558. June 1952. 304.8 In2

88927 ALBERTARIO, P. Two questions to be resolved for the new international agreement. (In Italian.) Agricoltura 1(6):8-14. June 1952. 16 Ag8226
International Wheat Agreement.

88928 ARGENTINA. MINISTERIO DE ASUNTOS TECNICOS. DIRECCION GENERAL DEL SERV. ESTADISTICO NACIONAL. El intercambio comercial argentino en 1951. Argentina. Dir. Gen. del Serv. Estadís. Nac. Informe C 18,27 p. May 1952. 255.1 Ar333
Includes statistics for trade in agricultural products.

88929 ARIOUX, A. J. Le commerce d'importation des cafés verts en France. Marchés Colon. du Monde 8: 1903,1905. July 12,1952. 286.8 M33

88930 BRENDSTRUP, S. Is it wrong to increase the export of agricultural products. (In Danish.) Dansk Landbr. 71:370-371. July 31,1952. 280.28 V91

88931 CLAUSEN, A. H. The fruit export committee is a fact. (In Danish.) Erhvervsfrugtavleren 18:271-272. July 1,1952. 80 Er3
Denmark

88932 DENNIS, H. A. Flue-cured production faced by problems; solution lies in export and import balance. Tobacco [New York] 135(5):115,117. July 31,1952. 286.89 T552

88933 DESPORTES, P. L'activité des principales places d'importation du café et leur rôle de distribution en France. Marchés Colon. du Monde 8:1905-1907. July 12,1952. 286.8 M33

88934 FORSYTHE, J. Reflections on jute trade. Jute & Gunny Rev. Annu. 3:25-27. Mar.1952. 73.38 J983A
India.

88935 FOSS, W. O. Dollarwise and poundwise, Sweden leads the Scandinavian countries importing leaf. Tobacco [New York] 135(5):151. July 31,1952. 286.89 T552

88936 FOSTER, S. A. Export leaf continues to flow through the majestic ports of the great Hampton Roads. Tobacco [New York] 135(5):37,39,41,43,45,47-49,51,53, 55,112-113,156. July 31,1952. 286.89 T552

88937 FRENSEL, O. Considerations on the bill No. 1579. (In Portuguese.) B. do Leite (ser.4)5(57):3-5. Mar.1952. 44.8 B633
Regarding food imports in Brazil.

88938 GALLO, A. L'activité de la place de Marseille. Marchés Colon. du Monde 8:1907,1909. July 12,1952. 286.8 M33
Coffee trade.

88939 GALLO, A. Le port de Marseille: ses fonctions—son trafic—les importations de café. Féd. Natl. du Com. des Cafés Verts. B. Mens. 23:3-6. Mar. 1952. 286.3689 F31

88940 GERMANY. FEDERAL REPUBLIC, 1940-. STATISTICHES BUNDESAMT. Der aussenhandel der Bundesrepublik Deutschland. Teil 3, Der aussenhandel nach bezugs- und absatzgebieten und übersichten über die finanzierung der einfuhr im jahre 1951. Stuttgart,1951. 250 p. 265 St2A

88941 GOREUX, L. Intégration des marchés agricoles européens (Pool vert). Agricultura [Louvain] 50: 1-23. June 1952. 13 R32

88942 GOUSSOT, C. M. Un nouveau débouché pour les producteurs d'arachides. Rev. Internatl. des Prod. Colon. 27:99,101. May 1952. 286.8 R326
Trade.

88943 GREENE, R. S. Farmville, North Carolina, capitalizes on foreign trade and the best of quality leaf. Tobacco [New York] 135(5):127. July 31,1952. 286.89 T552

88944 GUÉRIN, L. Bilan de la libération des échanges agricoles et perspectives actuelles. Rev. de Lég. Agr. 5:115-118. June/July 1952. 281.8 R325
France.

88945 HICKMANN, E. Agrar-Beneluxeine Utopie? Agrarpolit. Presse-Korresp. 5:151-152. July 30,1952. 281.8 Ag892

88946 IRAQ. DEPT. OF CUSTOMS AND EXCISE. Foreign trade statistics for the calendar year 1949. Baghdad,1951. 644 p. 269.8 M56

88947 JONES, P. E. Sugar? Why is the quota low? (Sum.) N. C. A. Bulletin 27(2):8. Apr./June 1952. 389.9 N215Bu

88948 KÄSTNER, F. Schlachtenbummler unter internationalen eierhändlern. Eier-, Wild-, Geflügel- u. Honig-Markt 4:1-2. July 3,1952. 280.38 Ei3

88949 KING, F. A. High duty on imported leaf and rising costs affect United Kingdom endeavors. Tobacco [New York] 135(5):128,160. July 31,1952. 286.89 T552

88950 KLATZMANN, J. The problems of a European agricultural market. (In Italian.) Mondo Econ. 7(28):9. July 12,1952. 280.8 M742

88951 KOLLRACK, H. Einfuhrtechnik und einfuhrschleuse. Deut. Molk.-Ztg. 72:647. May 25,1951. 44.8 Su2
Dairy products in Germany.

88952 LAHODNY, L. Aussichten des eier-exportes Jugoslawiens. Eier-, Wild-, Geflügel- u. Honig-Markt 4:8. July 3,1952. 280.38 Ei3

88953 LOUIS-DELAMARE, J. L'importation des cafés étrangers en France. Marchés Colon. du Monde 8:1901-1902. July 12,1952. 286.8 M33

88954 LÜCHINGER, K. Der schweizerische eierimport im 1. halbjahr 1952 und seine voraussichtliche entwicklung im 2. halbjahr 1952. Eier-, Wild-, Geflügel- u. Honig-Markt 4:4-5. July 3,1952. 280.38 Ei3

88955 MANNES, F. Eierausfuhr Belgiens. Eier-, Wild-, Geflügel- u. Honig-Markt 4(81):4. July 10,1952. 280.38 Ei3

88956 MELLO E SAMPAYO, A. P. DE. Estudio de los regimenes aduanero, fiscal y administrativo que afectan al aceite en Portugal. Cong. Internac. de Oleicult Actas de Com. 13(6):258-259. 1950,pub.1951. 94.72 C76A

88957 MOORE, G. L'avenir de nos cacaos d'outremer à l'étranger. Marchés Colon. du Monde 8:1933-1935, 1937. July 12,1952. 286.8 M33

88958 MOSER, E. H. Wendell, one of North Carolina's best export markets, now looks toward the future. Tobacco [New York] 135(5):123-125. July 31, 1952. 286.89 T552

88959 MUKHERJEE, A. K. Jute goods exports—trend of 1951-52 analysed. Jute B. 15:57-59. May 1952. 73.38 In2
India.

88960 MÜLLER, O. Das ende des amerikanischen "käsekrieges." Schweiz. Milchztg. 78:371-372. July 18,1952. 44.8 Sch92

88961 NEW ZEALAND. CENSUS AND STATISTICS DEPT. Statistical report on trade and shipping of New Zealand for the years 1945 and 1946, pt. I. Wellington, 1952. 316 p. 271.2 C33

88962 NEW ZEALAND WOOL DISPOSAL COMMISSION. Fifth annual report and statement of accounts for the year ended 30th June, 1951. Wellington,1952. 28 p. 286.3459 N48
United Kingdom-Dominion Wool Disposals Limited, cooperating.

88963 OLIVER, F. Die rolle der importe. Früchte u. Gemüse Markt 4:764. June 1952. 286.83 F9425
Fruit.

88964 OSBORNE, L. A. Australian wheat for India. Westralian Farmers Co-op Gaz. 22:281-285. May 1952. 280.28 W522

88965 PAGES. Les exportations agricoles de l'Italie de 1948 à 1950. France. Min. de l'Agr. Rev. Inform. Econ. et Statis. 72:172-176. July 1952. 281.8 F84
Statistics.

88966 PILLAI, M. A. K. India's foreign trade in coffee. Indian J. Agr. Econ. 7:154-166. Mar.1952. 281.8 In2

88967 PODUVAL, R. N. Agricultural commodities in India's export trade. Indian J. Agr. Econ. 7:142-148. Mar.1952. 281.8 In2

88968 POLO DÍEZ, M., and others. Estudio del regimen aduanero, fiscal y administrativo del aceite de oliva y las aceitunas de mesa en los diferentes paises del mundo, oleícolas o no. Cong. Internac. de Oleicult. Actas de Com. 13(6):237-257. 1950,pub.1951. 94.72 C76A
M. Diaz Berrio, P. M. de Irurzun, and M. de Arespacochaga, joint authors.

88969 PORTUGAL. INSTITUTO NACIONAL DE ESTATÍSTICA. Comercio externo. Volume II, Comercio por paises e mercadorias 1951. Commerce extérieur. Volume II, Commerce par pays et marchandises. Lisboa,1951. 841 p. 264 F492

88970 SHAH, C. H. External trade in agricultural commodities in India. Indian J. Agr. Econ. 7:167-181. Mar.1952. 281.8 In2

88971 SNOW, W. A. The leaf exports from Fuquay-Varina have increased with the higher sales volume. Tobacco [New York] 135(5):119-120. July 31,1952. 286.89 T552

88972 SPENCER, S. A. Quality is the essence of export leaf that is shipped from Dunnington's of Virginia. Tobacco [New York] 135(5):135,155. July 31,1952. 286.89 T552

88973 STAUNING, A. Dutch ornamental bulbs 1952. (In Danish.) Gart.-Tid. 68:257-258. July 14,1952. 80 G192
Import into Denmark.

88974 STAUNING, A. Prizes for dollar export. (In Danish.) Gart.-Tid. 68:273-274. July 28,1952. 80 G192
Of Danish agricultural products.

88975 STEIN, E. Bier, hopfen und malz im schweizerischen aussenhandel 1951. Brauwelt 29:644-646. July 17,1952. 290.8 B732

88976 STEIN, E. Ein- und ausfuhr von saaten im aussenhandel Grossbritanniens. Saatgut-Wirt. 4:109-110. May 1952. 61.8 Sa1

88977 SWITZERLAND. DIRECTION GÉNÉRALE DES DOUANES FÉDÉRALES. Statistique du commerce suisse, rapport annuel 1951, 1re partie, fournisseurs et débouches. Berne,1951. 128 p. 262 D85R
Includes statistics for trade in agricultural products.

88978 TESTA, J. Coffee exports to Germany. (In Portuguese.) São Paulo.Supt. dos Serv. do Café. B. 27:397-403. May 1952. 68.29 Sa63

88979 TETLEY, G. Foreign buyers display constant threat to change market if dollars stay short. Tobacco [New York] 135(5):29,31-33,137. July 31,1952. 286.89 T552

88980 THOMAS, N. A. Foreign trade in the economy of India. Fordham U. Diss. 18:125-129. 1951. 241.8 F75
Includes agricultural products.

88981 THOMPSON, J. R. How, in these times, can the leaf exporter hope to hold his own in the world trade? Tobacco [New York] 135(5):15,157-158. July 31,1952. 286.89 T552

88982 TREADAWAY, J. P. Lumberton, 'heart of the great border belt,' continues as a leading export market. Tobacco [New York] 135(5):77,79-81,137. July 31,1952. 286.89 T552

88983 VANDERWAEREN, R. Economic survey of lettuce culture in Belgium. (In Flemish.) Tuinbouwberichten 16:82-84. June 15,1952. 80 T817
Chiefly on the import of lettuce.

88984 VARON, P. L'importation des cafés par Bordeaux. Marchés Colon. du Monde 8:1910. July 12, 1952. 286.8 M33

88985 VIEIRA, J. DE C. Fruit for export. (In Portuguese.) Gaz. do Agr. 4:124-125. May 1952. 24 G25
Mozambique.

88986 WARDLE, R. N. The importance of quarantine control on importations of animal products. Internatl. Vet. Cong. Rpt. 14(3):333-337. 1949,pub.1952. 41.9 In844
Includes discussion.

88987 WITT, L., and CROMARTY, W. Cheese and the drift into trade restrictions. Farm Policy Forum 5 (8):18-22. Aug.1952. 281.8 F2274

88988 WRENCH, P. G. NSW grower impressed with efficiency of South African export arrangements. Citrus News 28:69. May 1952. 80 C494

88989 YUGOSLAVIA. MINISTARSTVO SPOLJNE TRFOVINE FNRJ. UPRAVA ZA STATISTIKU I EVIDENCIJU. Statistika spoljne trgovine fnr Jugoslavije za 1950 godinu. Statistics of foreign trade of Yugoslavia year 1950. Beograd,1951. 246 p. 266.9 F492

88990 ZACHARIAS, C. W. B. India's post-war export trade in agricultural commodities. Indian J. Agr. Econ. 7:149-153. Mar.1952. 281.8 In2

FOOD AND HUMAN NUTRITION

Publications of the U. S. Department of Agriculture State Agricultural Experiment Stations, and State Agricultural Extension Services on cookery and other subjects not ordinarily covered in the Bibliography of Agriculture will be included in this list.

GENERAL

88991 BABCOCK, M. J., and others. Cooperative nutritional status studies in the Northeast Region. II. Physical findings. N. J. Agr. Expt. Sta. B. 763,28 p. Ref. June 1952. 100 N46S
A. H. Bryan, M. M. Clayton, W. D. Foster, J. J. Lawless, R. Tucker, A. W. Wertz, and C. M. Young, joint authors.

88992 BARRIO, M. DEL. El mundo esta desnutrido. ICA; Indus. y Com. de la Aliment. 7(78):26-27. May 1952. 286.8 Ic1

88993 BAYLOR, C. H. Healthful eating brings benefits. (In Portuguese.) Soc. Rur. Bras. Rev. 32(376): 32-33. May 1952. 9.2 B733

88994 BEEUWKES, A. M. Early speculations on diet and longevity. I. Amer. Dietet. Assoc. J. 28:628-632. Ref. July 1952. 389.8 Am34

88995 BEEUWKES, A. M. Early speculations on diet and longevity. II. Amer. Dietet. Assoc. J. 28:707-710. Ref. Aug.1952. 389.8 Am34

88996 BROUWER, E. Bone structure and nutrition of men and animals. (In Dutch.) Voeding 13:55-65. Ref. Feb.15,1952. 389.8 V85
English summary.

88997 CALVER, H. N. Nutrition and civil defense. Pub. Health Nursing 44:459-460. Aug.1952. 448.8 P96

88998 CHALMERS, F. W., and others. The dietary record—how many and which days? Amer. Dietet. Assoc. J. 28:711-717. Ref. Aug.1952. 389.8 Am34
M. M. Clayton, L. O. Gates, R. E. Tucker, A. W. Wertz, C. M. Young, and W. D. Foster, joint authors.

88999 CLARK, F. LE G. The effect of school meals on child health. Med. Off. 88:61-64. Ref. Aug.9,1952. 448.8 M462

89000 CLARK, F. LE G. Food science made simple.. 2. Nutrition 6(2):30-34. Summer 1952. 389.8 N959
History of the dissemination of ideas on nutrition.

89001 COONS, C. M. Family food consumption studies. Pub. Health Rpt. 67:788-796. Ref. Aug.1952. 151.65 P96

89002 DALLYN, M. H., and MOSCHETTE, D. S. Ascorbic acid nutrition of children. Amer. Dietet. Assoc. J. 28:718-722. Ref. Aug.1952. 389.8 Am34

89003 DENTLER, M. Caloric value of diabetic diets. Amer. Dietet. Assoc. J. 28:732,734. Aug.1952. 389.8 Am34

89004 DOHOGNE, H. Cooking Oklahoma fish. Okla. Agr. Col. Ext. C. 568,8 p. n.d. 275.29 Ok41C

89005 DOHOGNE, H. The egg and you. Okla. Agr. Col. Ext. C. 455,12 p. n.d. 275.29 Ok41C
Cookery.

89006 DRAKE, M. E. Veganism in 1952. Veg. News 31:49-52,60. Summer 1952. 389.8 V523

89007 DREIZEN, S., and SPIES, T. D. The incidence of dental caries in habitual sugar cane chewers. Amer. Dental Assoc. J. 45:193-200. Aug.1952. 448.8 Am322
Sugarcane laborers; includes nutrition observations.

89008 GROEN, J. Nutrition in modern hospitals. (In Dutch.) Voeding 13:266-281. July 15,1952. 389.8 V85

89009 HARTOG, C. DEN, and JANSEN, B. C. P. Nutrition of the aged. (In Dutch.) Voeding 13:46-54. Ref. Feb.15,1952. 389.8 V85

89010 HENDERSON, H. Is your wife starving alone or with you? Nation's Business 40(8):30-31,62-63. Aug.1952. 286.8 N212
Nutritional surveys.

89011 HILL, C. Nutritional considerations in civil defense. N. J. Dept. Health. Pub. Health News 33:171-172. July 1952. 449.7 N46P

89012 HIRSCHEL-KONIJN, M. Hospital nutrition in theory and practice. (In Dutch.) Voeding 13:281-289. July 15,1952. 389.8 V85

89013 HÜCKSTÄDT, J. Fertige säuglingsnahrung aus der meierei. Deut. Molk.-Ztg. 73:974-975. Aug.1,1952. 44.8 Su2

89014 JACOBSEN, A. P. Nutrition possibilities. Dan. Outlook 5:527-533. 1952. 280.8 D22

89015 KING, C. G. Need for research in nutrition. Pub. Health Rpt. 67:618-621. July 1952. 151.65 P96
In civilian defense.

89016 KREHL, W. A. Vitamin A. I. The visual process. Borden's Rev. Nutr. Res. 13:49-60. Ref. May 1952. 389.8 B64

89017 LEDERER, J. Le fer dans l'alimentation. Aliment. et la Vie 40:89-108. 1952. 389.9 So1B

89018 LEINEN, N. J. Military rations. Assoc. Food & Container Inst. Activ. Rpt. 4:8-15. First Q.1952. 389.9 As74A

89019 LEWIS, H. B. Fifty years of study of the role of protein in nutrition. Amer. Dietet. Assoc. J. 28:701-706. Aug.1952. 389.8 Am34

89020 LUYKEN, R. Determination of the nutrition situation. (In Dutch.) Voeding 13:181-186. Ref. May 15, 1952. 389.8 V85

89021 MACRAE, T. F. The effect of Britain's food policy on nutrition. Food Drug Cosmetic Law J. 7:430-436. July 1952. 389.58 F732

89022 MAGEE, H. E. Nutrition lessons of the Berlin blockade. Pub. Health Rpt. 67:622-626. July 1952. 151.65 P96

89023 MAYNARD, L. A. Dietary standards in the United States. Pub. Health Rpt. 67:784-787. Aug.1952. 151.65 P96

89024 MELLANBY, H. Dental conditions with associated signs of nutritional deficiencies in Newfoundland children. Arch. Dis. Childhood 27:273-282. Ref. June 1952. 448.8 Ar28

89025 MULDER, T. Food and restriction of consumption. (In Dutch.) Voeding 13:186-190. May 15,1952. 389.8 V85
English summary.
Nutritional surveys.

89026 NEW JERSEY. STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS. EXTENSION SERV. Milk dishes. N. J. Agr. Col. Ext. L. 85,4 p. June 1952. 275.29 N46L

89027 NUTRITUTIONAL aspects of aging. J. Gerontology 7:448-451. July 1952. 447.8 J824
Discussion before second International Gerontological Congress and fourth annual meeting of the Gerontological Society, Inc.; C. M. McCay, chairman.

89028 PASCUAL, C. R. Women and community participation in the nutrition program. Philippine J. Home Econ. 3(4):14-16. Apr./June 1952. 321.8 P53

89029 PERRAULT, M., and CLAVEL, B. L'iode et l'alimentation humaine. Aliment. et la Vie 40:119-141. Ref. 1952. 389.9 So1B

89030 RABINOVITCH, R. D., and FISCHHOFF, J. Feeding children to meet their emotional needs. Amer. Dietet. Assoc. J. 28:614-621. Ref. July 1952. 389.8 Am34

89031 ROBINSON, C. H. Dietary nomenclature. Amer. Dietet. Assoc. J. 28:640-642,644. July 1952. 389.8 Am34

89032 ROUNTREE, J. I. Nutrition in health education. Certif. Milk 27(8):9-10,18. Aug.1952. 44.8 C33

89033 SCHULZ, T. A 'human needs' diet in April, 1952. Oxford. U. Inst. Statis. B. 14:177-181. June 1952. 280.9 Ox2B

89034 SHAW, J. H. Fluorures et santé des tissus dentaires. Aliment. et la Vie 40:109-118. Ref. 1952. 389.9 So1B

89035 TRENDTEL. Die ernährung mit kondensmilch. Molk.-Ztg. 6:760. July 17,1952. 44.8 M735
Infants.

89036 U. S. PRODUCTION AND MARKETING ADMIN. The National school lunch program; a progress report. U. S. D. A. PA-208,19 p. June 1952. 1 Ag84Pro

89037 WANG, H. H. An investigation on the dietary conditions of two rural communities in Taiwan Province. Agr. Res. 2(3):71-80. Ref. Sept.1951. 22.5 Ag823

89038 WATT, E. G. Nutrition in Hawaii. Canad. Nutr. Notes 8:41-43. June 1952. 389.9 C168

89039 WHITEHEAD, F. E. Studies in nutrition education. Amer. Dietet. Assoc. J. 28:622-627. July 1952. 389.8 Am34

89040 WHITEHEAD, S. B. The protein problem. New Health 27(3):7-10. Autumn 1952. 449.8 N45
In human nutrition.

FOOD HABITS

89041 CANDIDA, F. How the peasant eats in Calabria (In Italian.) Mezzogiorno Agr. 8(16):3. Apr.21/27,1952. 16 M57
Food habits.

89042 CLAYTON, M. M. Food habits of Maine school children. Amer. J. Pub. Health 42:967-968. Aug.1952. 449.9 Am3J

89043 EVERSON, G. New diets for diabetics. Iowa. State Col. Agr. Ext. Iowa Farm Sci. 7:13-14. July 1952. 275.28 Io94

89044 MONEVA Y PUYOL, J. Cocina nacional. An. de Bromatología 4:105-108. 1952. 389.8 An1
Food habits in Spain.

89045 SUZANNE, and COMHAIRE-SYLVAIN, J. La alimentación en la región de Kenscoff, Haiti. Amér. Indíg. 12:177-203. July 1952. 446.9 In8A
English summary.
Food habits.

NUTRITIVE AND VITAMIN CONTENT

89046 AMOS, A. I. Probleme bei der verwendung von chemikalien in lebensmitteln, mehl und brot verbessernde, sowie mehl bleichende mittel. Wiss. Müllerei, p.78-80. (Cont.) In Müllerei 5(30). July 26,1952. 298.8 M91

89047 BARAS, A. Comment utiliser avantageusement son miel. Synd. Apic. d'Artois et du Nord de la France B. Mens. 8(82):9-20. Jan.1952. 424.9 Sy7
Nutritive value.

89048 BERTARELLI, E. Rice, cooked much, or little? (In Italian.) Riso 1(4):23-24. May 1952. 59.8 R49
Nutritive value.

89049 CANDIDA, F. The nutritive value of grapes. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(61): 8-9. July 1952. 281.8 Ag3

89050 CASARES LOPEZ, R., and LOPEZ HERRERA, C. Estudio bromatológico de las avellanas españolas. An. de Bromatologia 4:115-123. Ref. 1952. 389.8 An1
English summary.
Nutritive value of European filberts.

89051 DALMASSO, G. Wine at the Asti medical congress. (In Italian.) Cron. Econ. 113:12-15. May 1952. 280.8 C882
Held to study the subject of wine in nutrition.

89052 ENGEL, C. Untersuchung über den vitamin A-, carotin-, aneurin-, riboflavin- und vitamin-C-gehalt von sterilisierter milch im vergleich mit normal pasteurisierter milch. Molk.- u. Käserei-Ztg. 3:773. June 19,1952. 44.8 M736

89053 FISHER, K. H., and DODDS, M. L. Ascorbic acid and ash in vegetables cooked in stainless steel utensils. Amer. Dietet. Assoc. J. 28:726-731. Aug. 1952. 389.8 Am34

89054 FRATONI, A., and SPADONI, M. A. Ascorbic acid in different varieties of Italian oranges. (In Italian.) Soc. Ital. di Biol. Sper. B. 27:1675-1677. Dec.1951. 442.8 So12

89055 FRIESE-FICKENSCHER, L. Die milch in der volksernährung. Reich der Landfrau 27:215-216. July 5, 1952. 18 L2347
Nutritive value.

89056 HSU, S. C. Nutritional study on processed soybeans. Chin.-Amer. Econ. Coop. 1(6):56-59. June 1952. 173.2 M98C

89057 JAMES, R. B. The mystery of the white loaf. New Health 27(3):2-6. Autumn 1952. 449.8 N45
Nutritive value of bread.

89058 KRUISHEER, C. I., and HERDER, P. C. DEN. The vitamin A and carotene contents of Dutch butter. Nederlands Melk- en Zuiveltijdschr. 6:109-126. Ref. Apr./June 1952. 44.8 N283

89059 KUN, R. P. Chemical determination of vitamin B_6. I. Determination of vitamin B_6 in foodstuffs by diazo reaction. (In Japanese.) Kitasato Arch. Expt. Med. 24: 311-323. Ref. Nov.1951. 448.8 K64
English summary, p. 229.

89060 LEASE, E. J. Improving corn meal for consumers. Amer. Miller & Processor 80(6):40,42. June 1952. 298.8 Am32
Enrichment.

89061 LO RUSSO, R. Notes on the nutritive value of fish. (In Italian.) Prog. Vet. 7:351-352,354-455,357. May 15,1952. 41.8 P942

89062 MATUS, J. DE D. Frutas vitaminosas y curativas. Café de Nicaragua 8(90/91):57-59. May/June 1952. 68.28 C114

89063 MENGER, A. Fragen der vitaminisierung von mehl und brot. Mühle 89:448-449. July 3,1952. 298.8 M89

89064 MOREAUX, R. Le miel dans l'alimentation et en thérapeutique. Abeille et l'Erable (ser.2)21:92-96. (Cont.) June/July 1952. 424.8 Ab32

89065 POUCHET, A. La valeur alimentaire des champignons. Soc. Linn. de Lyon B. Mens. 20(7,sup.): XVII-XX. Sept.1951. 505 L992B

89066 TALLARICO, G. Fruit and vegetable juices. (In Italian.) Gior. di Agr. 62:248. Aug.10/17,1952. 16 It1G
Nutritive value.

89067 TRÉMOLIÈRES, J., and VINIT, F. Enquêtes sur l'état de nutrition de la population. (Paris, hiver 1950-1951.). Inst. Natl. d'Hyg. B. 7:613-643. July/Sept. 1952. 449.9 P21

89068 TURIN. UNIVERSITA. CENTRO STUDI AMINOACIDI. Milk as food at the National Congress about the nutritive and economic value of cereals. (In Italian.) Mondo del Latte 6:349-350. June 1952. 44.8 M74

89069 USUELLI, F. Rice in relation to work and sports. (In Italian.) Riso 1(5):5-9. June 1952. 59.8 R49
Nutritive value.

89070 WESTERMAN, B. D., ROACH, F., and STONE, M. Improving the nutritive value of flour. V. The effect of the use of defatted wheat germ. J. Nutr. 47:147-158. May 10,1952. 389.8 J82

89071 WILSON, J. R. Fresh bread or only softened? Today's Health 30(8):32-33,66-67. Aug.1952. 449.8 H993

89072 XAVIER, L. P. The virtues of the lemon. (In Portuguese.) Seleç. Agr. 7(73):73-74,76. May 1952. 9.2 Se4
Vitamin content.

MISCELLANEOUS

Publications of the U. S. Department of Agriculture, State Agricultural Experiment Stations, and State Agricultural Extension Services on home management, personnel, and other subjects not ordinarily covered in the Bibliography of Agriculture will be included in this list.

GENERAL

89073 AGRICULTURAL chemicals. Chem. & Engin. News 30:3078-3084. July 28,1952. 381 J825N
A staff report.

89074 BARBADOS. DEPT. OF SCIENCE AND AGRICULTURE. Annual report for the year 1950—1951. Bridgetown?1951. 68 p. 8 B23A

89075 BERMUDA. DEPT. OF AGRICULTURE. Report for the year 1951. Bermuda,1952. 29 p. 8 B45

89076 BUZZATI-TRAVERSO, A. A. Heterosis in population genetics. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.149-160. Ames,Iowa State Col. Press,1952. 443 G74

89077 CROW, J. F. Dominance and overdominance. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.282-297. Ames,Iowa State Col. Press,1952. 443 G74

89078 CUDINAMARCA. SECRETARIA DE AGRICULTURA. Informe. Rev. Nac. de Agr. 46(565):7-13. May 1952. 9.4 R32

89079 DANSK HEDESELSKAB. Annual report of the Danish Heath Society. (In Danish.) Dansk Hedeselsk. Hedeselsk. Tidsskr. 73:81-104. June 30,1952. 11 H35

89080 DOZORTSEVA, R. L. A Joint Scientific Session [of the Divisions of Biological Sciences of the Academies of U.S.S.R. Lithuanian, Latvian and Estonian SSRs] on problems in biology and agriculture. (In Russian.) Akad. Nauk SSSR. Izv. Ser. Biol. 2:121-123. Mar./Apr.1952. 511 Sa2B

89081 FÁBREGAS, H. Poisons on farms. (In Portuguese.) Seleç. Agr. 7(73):61-62. May 1952. 9.2 Se4
Hazards and safeguards.

89082 GAMBIA. DEPT. OF DEVELOPMENT AND AGRICULTURE. Report for the period 1st June, 1949 to 31st May, 1951. Bathurst,1952. 27 p. 24 G14

89083 HEROLD, W. Erfahrungen mit dem "künstlichen habicht." Tierzucht 6:207-208. June 1952. 49 T443
Traps for crows and magpies.

89084 IOWA. STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, AMES. Heterosis; a record of researches directed toward explaining and utilizing the vigor of hybrids. Ed. by J. W. Gowen. Ames,Iowa State Col. Press,1952. 552 p. Ref. 443 G74

89085 IRWIN, M. R. Specificity of gene effects. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.236-255. Ames,Iowa State Col. Press,1952. 443 G74

89086 KENTUCKY. DEPT. OF AGRICULTURE. 37th biennial report for the fiscal years 1949-50 and 1950-51. Frankfort,1951. 130 p. 2 K41R

89087 KENYA. DEPT. OF AGRICULTURE. Annual report 1950, v. I. Nairobi,1952. 38 p. 24 Af8A

89088 LANTBRUKSAKADEMIEN. Academy of agriculture. Secretary's report for 1951. (In Swedish.) Lantbrukad. Tidskr. 91:13-29. Jan.1,1952. 104 Sw3
English summary.

89089 LEEWARD ISLANDS. DEPT. OF AGRICULTURE. Annual report for the year 1950. Antigua,1952. various pagings. 8 L513

89090 MADHYA PRADESH. DEPT. OF AGRICULTURE. Report for the year ending the 31st March 1949. Nagpur,1952. 32 p. 22 C333

89091 MALMÖHUS LANS HUSHÅLLNINGSSÄLLSKAP. Annual report of Malmöhus Province Agricultural Society for the year 1951. (In Swedish.) Malmöhus Läns Hushsällsk. Kvrtlskr. 1:35-61. 1952. 11 M29

89092 OKLAHOMA. AGRICULTURAL EXPERIMENT STATION. Abstract of new publications and list of publications available. Okla. Agr. Expt. Sta. What's New Okla. Agr. 24,19 p. July 1952. 100 Ok4W
Experiment Station and Extension Service publications.

89093 PERUCHON DE BROCHARD, J. Las antivitaminas para la destrucción de ratas y ratones. Reus Avic. 1:50-52. May 1,1952. 47.8 R31
Warfarin, etc.

89094 SCHMIDLING, J. T. Control rats year 'round. Better Farming Methods 24(9):28,30. Sept.1952. 58.8 B46

89095 SOUTH DAKOTA ACADEMY OF SCIENCE. Proceedings, v. 30. Vermillion,1951. 148 p. 500 So82

89096 TAYLOR, G. V. Recent progress in agricultural chemicals. Chemist 29:340-346. July 1952. 381 C427

89097 TINSLEY, J. Some analytical innovations in agricultural chemistry. Agr. Prog. 26:87-93. Ref. 1951. 10 Ag86

89098 TRINIDAD AND TOBAGO. DEPT. OF AGRICULTURE. Administration report 1950. Trinidad,1952. 38 p. 8 T732

89099 U. S. SOUTHERN REGIONAL RESEARCH LABORATORY. List of publications and patents, Southern region, July - December 1951. U. S. Bur. Agr. & Indus. Chem. AIC-319(sup.1),23 p. May 1952. 1.932 A2Ag82

89100 VIRGINIA. DEPT. OF AGRICULTURE AND IMMIGRATION. Economic poisons 1951. Richmond, 1952. 60 p. 391.9 V81

89101 WEISS, F. J. Chemical agriculture. Sci. Amer. 187(2):15-18. Aug.1952. 470 Sci25
Chemicals in all fields of agriculture.

89102 WILLIAMS, F. H. Pest destroyers—brands registered for 1952. Victoria. Dept. Agr. J. 50:270-287. June 1952. 23 V66J
List of all fungicides, insecticides, vermin destroyers and weed killers.

89103 WORDEN, A. N. The rabbit menace. Farmers Annu. 1952:45-46. 10 F2237
Great Britain.

89104 ZIRKLE, C. Early ideas on inbreeding and crossbreeding. In Iowa. State College of Agriculture and Mechanic Arts. Heterosis, p.1-13. Ames,Iowa State Col. Press,1952. 443 G74

HISTORY AND BIOGRAPHY

89105 BOBKO, E. V., and others. Boris Aleksandrovich Golubev. (In Russian.) Pochvovedenie 5:477-478. May 1952. 57.8 P34
F. V. Chirikov, I. I. Gunar, A. V. Peterburgskiĭ, Z. V. Logvinova, F. A. Ĭŭdin, A. V. Sokolov, D. L. Askinazi, and E. I. Shkonde, joint authors.

89106 BONNET, P. Le professeur Comte L. di Caporiacco 1900-1951. B. Zool. Nomencl. 6:259-262. July 23,1952. 410 B874

89107 CAPINPIN, J. M. Rafael B. Espino, 1890-1951. Philippine Agr. 35:61-66. July 1951. 25 P542
Includes a list of his publications.

89108 DEUTSCH, J. Victor Adler! Landarb.-Arch. 7:201-205. June 1952. 283.8 L23

89109 DOMINICIS, A. DE. Emanuele de Cillis. (In Italian.) Italia Agr. 89:359-365. June 1952. 16 It1

89110 DYCE, E. J., KRUSE, P. J., and PALM, C. E. Memorial tribute to Everett Franklin Phillips, November 14, 1878-August 21, 1951. Gleanings Bee Cult. 80:470-471. Aug.1952. 424.8 G47

89111 EUSTACE, H. J. Spencer Ambrose Beach, pioneer horticultural experimenter. Amer. Fruit Grower 72(8):21. Aug.1952. 80 G85

89112 FUKAREK, P. Karlo Malý. (In Serbo-Croatian.) Biol. Inst. God. 4:1-16. 1951. 442.9 Sa73
German summary.
Includes list of his publications.

89113 FUSSELL, G. E. Mark Catesby, 1679-1749. Gard. Chron. 132:24. July 19,1952. 80 G162
Agricultural history.

89114 GORLENKO, M. V. Outstanding Russian mycologist and microbiologist Ivan L'vovich Serbinov (To the 25th anniversary of his death). (In Russian.) Mikrobiologiĭa 21:239-242. Ref. Mar./Apr.1952. 448.3 M582

89115 GRIDELLI, E. In memory of a dear friend, Arturo Schatzmayer. (In Italian.) Soc. Ent. Ital. Mem. 30:145-151. 1951. 420 It1M
Includes a list of his publications.

89116 HJELMQVIST, H. Herman Nilsson-Ehle. 12/2 1873—29/12 1949. (In Swedish.) Bot. Not. 1952: 101-109. 450 B656

89117 IHDE, A. J. Edmund Ruffin, soil chemist of the old South. J. Chem. Educ. 29:407-414. Aug.1952. 381 J826

89118 KRAMER, M. Die bedeutung von Albrecht Thaer für die damalige und heutige landwirtschaft. Ber. über Landwirt. (n.s.)30:132-141. 1952. 18 G31

89119 MAKSIMOV, N. A., and MANSKAĬA, S. M. V. I. Palladin and the importance of his works in the development of native biochemistry and plant physiology. (To the 30th anniversary of his death). (In Russian.) Biokhimiĭa 17:249-254. Mar./Apr.1952. 385 B523

89120 MARSHALL, J. T. Great improvers in agriculture. London Corn C. 109(50):6. June 23,1952. 286.81 L84
Great Britain.

89121 MONTANARI, V. A great Italian agronomist: Nazareno Strampelli. (In Italian.) Agr. delle Venezie 6:302-315. July 1952. 16 Ag826

89122 MULLIE. Évolution de l'agriculture depuis un demi-siècle. Soc. Cent. d'Agr. de Belg. J. (n.s.)99 (1):3-25. 1951/52. 13 So1
Includes discussion.
Belgium.

89123 PELSHENKE, P. Dem andenken an Theodor Roemer. Müllerei 5(28):7-8. July 12,1952. 298.8 M91

89124 POLUNIN, N. Canada's centenarian botanist. Rhodora 54:194-195. July 1952. 450 R34
John Dearness.

89125 SALVADOR Y ESCASO, J. M. El campo de la historia en la historia del campo. Saragossa.Cám. Ofic. Sind. Agr. B. Mens. 49:27. (Cont.) June 1952. 15 Sa7

89126 SCHERMER, E. Dr. h. c. Ludwig Benick. Natwiss. Ver. f. Schleswig- Holstein. Schr. 26:1. 1952. 509 K54

89127 TIVOLI, M. Les grandes étapes de l'agriculture. Cerca 25:69-71. (Cont.) Dec.1951. 105.3 An4C

89128 VAN WAGENEN, J., JR. A salute to Dean Liberty Hyde Bailey. Metrop. Milk Prod. News 12(7): 15-16. July 1952. 280.28 M56

89129 VETTEL. Theodor Roemer. Züchter 22:1-3. 1952. 442.8 Z8

89130 WALDIE, J. S. L. William Dawson, 1734-1815. Agr. Prog. 26:94-98. 1951. 10 Ag86

89131 ZOLIA, E. Bartolomeo Biasoletto. (In Italian.) Nuovo Gior. Bot. Ital. 58:192-194. 1951. 450 N92

HOME MANAGEMENT

89132 BROCK, M. J. Let's learn to sew. Miss. State Col. Ext. P. 202,5 p. Jan.1952. 275.29 M68Ext
Formerly Circular 147.
4-H Club project.

89133 BROCK, M. J. Let's sew—for girls 12 year old and older. Miss. State Col. Ext. P. 203,9 p. Jan. 1952. 275.29 M68Ext
Formerly Circular 148.

89134 FELDER, A. P., and BOYETTE, G. F. Foods for 4-H Club girls. Miss. State Col. Ext. P. 148,33 p. May 1951. 275.29 M68Ext
Formerly bulletins 148 and 149.

89135 HENSLEY, M. L., comp. Bibliography on home improvement. Washington, U. S. Ext. Serv.,1952. 26 p. 1.913 H4B47

89136 LEGETT, E. Before buying read all labels. Miss. State Col. Ext. P. 217,7 p. June 1952. 275.29 M68Ext

89137 NEW JERSEY. STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS. EXTENSION SERV. Summer soups. N. J. Agr. Col. Ext. L. 89,4 p. July 1952. 275.29 N46L
Recipes.

89138 SHELBY, H. Clothes for playtime. Md. Agr. Col. Ext. C. 148-C,rev.,9 p. Mar.1952. 275.29 M36L
4-H Club project.

89139 SHELBY, H. Let's make a skirt and blouse. Md. Agr. Col. Ext. C. 148-D,rev.,12 p. Mar.1952. 275.29 M36L
4-H Club project.

89140 SHELBY, H. Let's make aprons. Md. Agr. Col. Ext. C. 148-B,rev.,12 p. Mar.1952. 275.29 M36L
4-H Club project.

89141 U. S. EXTENSION SERV. Buying children's shoes, pre-school and grade school, by A. Linn. Washington,1952. 7 p. 1.913 H4B983

89142 U. S. EXTENSION SERV. Buying foundation garments, by A. Linn. Washington,1952. 4 p. 1.913 H4B984

89143 U. S. EXTENSION SERV. Buying men's suits, by A. Linn. Washington,1952. 4 p. 1.913 H4B982

INTERNATIONAL RELATIONS

89144 DODD, E. A year of intense work at the Roman headquarters of F. A. O. (In Italian.) Agricoltura 1(6):65-55. June 1952. 16 Ag8226

89145 FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Report on the activities of FAO under the expanded technical assistance program for the first financial period, 1950-1951 and outline of activities for 1952. Rome,1952. 75 p. 389.9 F735Rep

89146 HOUTTE, A. VAN. Les problèmes internationaux à la base de la FAO (Food and Agriculture Organisation). Belgium. Min. des Colon. B. Agr. du Congo Belge 43:383-398. June 1952. 24 K83

89147 SANCHEZ GAVITO, X. Programa de la FAO para 1952 y 1953. Asoc. Gen. de Agr. B. 321:3,6. June 30,1952. 8 As52

89148 WEBER, W. Die Ernährungs- und Landwirtschafts-Organisation der Vereinten Nationen (Food and Agriculture Organization of the United Nations—FAO). Ber. über Landwirt. (n.s.)30:264-270. 1952. 18 G31

METEOROLOGY

89149 CRUZ, S. R., and MENDOZA, T. M. Agricultural meteorology: Philippine rainfalls. Philippine J. Agr. 15:281-295. Third/Fourth Q. 1950,pub.1952. 25 P543

89150 EVANS, E. F. Climate and agriculture. Sowest. Crop & Stock 6(7):14,90-91,94. July 1952. 6 So8942
In the Southwest.

89151 GARD, W. When drouth hit the frontier. Prog. Farmer, Tex. Ed. 67(8):18,90. Aug.1952. 6 T311
Drought in Texas.

89152 OLSEN. Zentralprobleme der mediterranen landwirtschaft. Landbforsch. Völkenrode 2:67-68. July 1952. 18 L2353
Climate.

89153 PIZZI, G. Hail control research in the Province of Vicenza in 1952. (In Italian.) Cam. di Com. Indus. e Agr. Vicenza. Not. Econ. 7(12):15-16. June 16, 1952. 287 V662

RESEARCH

89154 ALABAMA. AGRICULTURAL EXPERIMENT STATION. 60th and 61st annual reports, January 1, 1949–December 31, 1950. Auburn,1952. 71 p. 100 AL1S

89155 BRACONNIER. L'organisation de la recherche en agronomie. France. Min. de l'Agr. Rev. Études & Monog. 72:147-151. July 1952. 281.8 F84
Agricultural research.

89156 CHESTER, K. S. Industry's contribution to agricultural research. VIII. Research in private institutes of the U. S. A. World Crops 4:278-280. Aug.1952. 281.8 W892

89157 COSGROVE, E. B. Should processors undertake agricultural research? Food Processing 13(8):5,11. Aug.1952. 389.8 F7325

89158 FLORET, P. La station agricole de l'Ankaizina Bealanana. Marchés Colon. du Monde 8:2073-2075. July 26,1952. 286.8 M33
Experiment station.

89159 HARRIS, M. The scientist and the farmer. Country Guide 71:7,30-31. Aug.1952. 7 G76
Benefits of research in agriculture.

89160 HORRING, J. Das Forschungsinstitut für Agrarwirtschaft in Holland. Agrarwirtschaft 1:223-225. Aug.1952. 281.8 Ag826

89161 INSTITUT POUR L'ENCOURAGEMENT DE LA RECHERCHE SCIENTIFIQUE DANS L'INDUSTRIE ET L'AGRICULTURE. Rapport annuel exercice 1951. Bruxelles,1952. 193 p. 330.9 In7

89162 JOHNSTON, J. R. A long-range view of agricultural research in Texas. Tex. Agr. Workers' Assoc. Proc. 25:19-25. 1952. 4 T314

89163 JURION, F. Le rôle de l'INEAC [Institut National pour l'Étude Agronomique du Congo Belge] dans le développement de l'agriculture congolaise. Inst. Natl. pour l'Étude Agron. du Congo Belge. B. d'Inform. 1:5-20. In Belgium. Min. des Colon. B. Agr. du Congo Belge 43 (2). June 1952. 24 K83
Agricultural research.

89164 LEMOIGNE. La recherche scientifique dans le domaine agronomique. France. Min. de l'Agr. Rev. Études & Monog. 72:141-145. July 1952. 281.8 F84
Agricultural research.

89165 MATULIS, IŪ. IŪ. Development of science in Soviet Latvia. (In Russian.) Priroda 41(3):80-83. Mar. 1952. 410 P933
Includes agricultural research.

89166 MONNIG, H. O. Agricultural research and the need for a board. (In Afrikaans.) Landbouweekblad 34(1716):23. June 4,1952. 24 L232
Union of South Africa.

89167 OPARIN, A. I. Scientific progress in China. (In Russian.) Priroda 41(3):91-94. Mar.1952. 410 P933
Includes agriculture.

89168 POGREBNÍAK, P. S. Assistance of Ukrainian scientists in the realization of the Stalin Plan to change nature. (In Russian.) Les i Step' 3(10):7-13. Oct.1951. 99.8 L565
Research by institutes of the Ukrainian Academy of Sciences.

89169 READ, H. Germans active in farm research. Feed Bag 28(8):76. Aug.1952. 389.78 F32

89170 REYKJAVIK. ATVINNUDEILD HÁSKOLÁNS. Skýslur tilraunastödvanna [Report of experiment stations] 1947-1950. Reykjavik. Atvinnudeild Háskolans. Rit Landbunadardeildar, A-flokkur 4,124 p. 1951. 11 R33A

89171 SOUBIES, L. L'expérimentation précise à la portée de l'agriculteur. Rev. Agr. de l'Afrique du Nord 50:203-209. Mar.28,1952. 80 R326

89172 SOUTHERN RHODESIA. DIRECTOR OF RESEARCH AND SPECIALIST SERV. Annual report for the year ending 30th September, 1951. Salisbury?1952. 34 p. 24 R348

89173 SUAREZ DE CASTRO, F. La experimentación agricola en Colombia. II. Agr. Trop. 8(6):31-38. June 15,1952. 26 Ag8

89174 TINGO MARÍA, PERU. ESTACIÓN EXPERIMENTAL AGRÍCOLA. Informe annual 1950. Tingo Maria, Peru. Estac. Expt. Agr. Informe 5,78 p. 1951? 102.5 T491

89175 UNDERWOOD, E. J. The research activities of the University Institute of Agriculture. Co-op. Fed. West. Austral. Minutes & Rpt. Annu. Conf. 31:39-42. Apr.1951. 280.29 C786

89176 WEST VIRGINIA. AGRICULTURAL EXPERIMENT STATION. Science serves your farm. W. Va. Agr. Expt. Sta. B. 349(3),8 p. June 1952. 100 W52

STATISTICS

89177 EDINBURGH AND EAST OF SCOTLAND COLLEGE OF AGRICULTURE. Notes on a short course in methods of sampling and the establishment of experiments. Edinb. & East Scot. Col. Agr. B. 32,55 p. Jan. 1952. 103 Ed4E

89178 SARMA, J. S. Statistical assessment of Grow More Food campaign. India. Dir. Econ. & Statis. Agr. Situation India 6:800-802. Feb.1952. 281.9 In23
Statistical methods.

89179 U. S. BUR. OF AGRICULTURAL ECONOMICS. Training courses in agricultural statistics. Washington, 1952. 3 p. 1.941 A22T68

CHECKLISTS

Checklists of publications of the U. S. D. A., State Agricultural Experiment Stations, and State Agricultural Extension Services are prepared for the convenience of those who wish to follow the literature from these sources. All such publications are included also in the classified section and indexed in the author and subject indexes.

U. S. D. A. PUBLICATIONS

Includes publications of the United States Department of Agriculture received in the Library during the preceding month, except restricted publications and materials issued for internal administrative use rather than for public distribution.

Periodicals issued by the Department are listed in the November issue only; articles in them are indexed currently.

Domestic requests for publications in the various Department series will be filled free upon application to the Office of Information, United States Department of Agriculture, Washington 25, D. C., as long as the supply lasts. They may also be purchased from the Superintendent of Documents, Washington 25, D. C.

Bureau publications may ordinarily be obtained free of charge from the issuing bureau as long as the supply lasts.

Foreign institutions, organizations and agencies which issue publications may obtain United States Department of Agriculture publications in exchange by writing to the United States Department of Agriculture Library, Washington 25, D. C.

Agricultural Handbooks

RAMSEY, G. B., WIANT, J. S., and MCCOLLOCH, L. P. Market diseases of tomatoes, peppers and eggplants. U. S. D. A. Agr. Handb. 28,54 p. Ref. June 1952. 1 Ag84Ah

U. S. PRODUCTION AND MARKETING ADMIN. Poultry grading manual. U. S. D. A. Agr. Handb. 31(sup. 1),1 p. May 1952. 1 Ag84Ah

Agricultural Information Bulletins

HOCHMUTH, H. R. Commercial family-operated sheep ranches, Intermountain region, 1930-50; organization, costs, and returns. U. S. D. A. Agr. Inform. B. 85,71 p. May 1952. 1 Ag84Ab

FLAGG, G. L., and LONGMORE, T. W. Trends in selected facilities available to farm families. U. S. D. A. Agr. Inform. B. 87,15 p. May 1952. 1 Ag84Ab

U. S. BUR. OF AGRICULTURAL ECONOMICS. Agriculture's capacity to produce; possibilities under specified conditions. Prepared under the auspices of the Land Grant College-Department of Agriculture Joint Committee on Agricultural Productive Capacity. U. S. D. A. Agr. Inform. B. 88,62 p. Ref. June 1952. 1 Ag84Ab

BROWN, W. H. Cotton farming in the southern Piedmont, 1930-51; organization, costs, and returns. U. S. D. A. Agr. Inform. B. 89,64 p. June 1952. 1 Ag84Ab

MOHLER, J. R. The inspection stamp as a guide to wholesome meat. U. S. D. A. Agr. Inform. B. 92,23 p. May 1952. 1 Ag84Ab
Formerly Miscellaneous Circular 63.

Bibliographical Bulletins

FLICK, F. J., comp. The forests of continental Latin America (including European possessions). A bibliography of selected literature, 1920-1950. U. S. D. A. Bibliog. B. 18,193 p. May 1952. 1 Ag84Bi

BIEN, C., and GOULD, M., comp. Tropical beef cattle industry in the Western Hemisphere. U. S. D. A. Bibliog. B. 19,157 p., May 1952. 1 Ag84Bi

Farmers' Bulletins

SHORT, L. R., and WOOLFOLK, E. J. Reseeding to increase the yield of Montana range lands. U. S. D. A. Farmers' B. 1924,rev.,26 p. May 1952. 1 Ag84F

DUDLEY, J. E., JR., and BRONSON, T. E. The pea aphid [Macrosiphum pisi] on peas and methods for its control. U. S. D. A. Farmers' B. 1945,rev.,13 p. Mar. 1952. 1 Ag84F

JONES, J. W., and others. Rice production in the Southern States. U. S. D. A. Farmers' B. 2043,36 p. July 1952. 1 Ag84F
J. O. Dockins, R. K. Walker, and W. C. Davis, joint authors.
Supersedes Farmers' Bulletin 1808.

Leaflets

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Control of Dutch elm disease and elm phloem necrosis. U. S. D. A. L. 329,11 p. June 1952. 1 Ag84L
U. S. Bureau of Plant Industry, Soils, and Agricultural Engineering Cooperating.

Marketing Research Reports

U. S. BUR. OF AGRICULTURAL ECONOMICS. Survey of canvas awning fabricators. U. S. D. A. Mktg. Res. Rpt. 1,79 p. Apr. 1952. 1 Ag84Mr

STANFORD RESEARCH INSTITUTE. Transportation and handling costs of selected fresh fruits and vegetables in the San Francisco Bay terminal market area. U. S. D. A. Mktg. Res. Rpt. 2,65 p. May 1952. 1 Ag84Mr

SARTORIUS, L. C. Eating places as marketers of food products. U. S. D. A. Mktg. Res. Rpt. 3,118 p. 1952. 1 Ag84Mr

BADGER, H. T. Marketing charges for head lettuce sold in Pittsburgh, December 1949-June 1950. U. S. D. A. Mktg. Res. Rpt. 4,26 p. Apr. 1952. 1 Ag84Mr

GARROTT, W. N. Marketing charges for potatoes sold in Pittsburgh, Pa., December 1949-June 1950. U. S. D. A. Mktg. Res. Rpt. 5,28 p. May 1952. 1 Ag84Mr

BADGER, H. T. Marketing charges for head lettuce sold in Cleveland, Ohio, February-June 1950. U. S. D. A. Mktg. Res. Rpt. 6,24 p. June 1952. 1 Ag84Mr

HARWELL, E. M., and SHAFFER, P. F. Some improved methods of handling groceries in self-service retail food stores. U. S. D. A. Mktg. Res. Rpt. 7,118 p. May 1952. 1 Ag84Mr

INDUSTRIAL SURVEYS CO. Problems of establishing a consumer panel in the New York metropolitan area. U. S. D. A. Mktg. Res. Rpt. 8,41 p. May 1952. 1 Ag84Mr

ROCKWELL, G. R. Flue-cured tobacco: price differences among types 11 (a)-13. U. S. D. A. Mktg. Res. Rpt. 9,12 p. 1952. 1 Ag84Mr

U. S. PRODUCTION AND MARKETING ADMIN. Tung processing and marketing practices and costs. U. S. D. A. Mktg. Res. Rpt. 10,33 p. Ref. June 1952. 1 Ag84Mr

SWANTZ, A. Economic effects of Federal regulation of the Minneapolis-St. Paul fluid milk market. U. S. D. A. Mktg. Res. Rpt. 11,218 p. Ref. May 1952. 1 Ag84Mr

HERRICK, J. F., and others. An analysis of some methods of loading out delivery trucks of produce wholesalers. U. S. D. A. Mktg. Res. Rpt. 15,39 p. May 1952. 1 Ag84Mr
S. W. Burt, M. R. Kercho, and A. Zagarella, joint authors.

GARROTT, W. N. Marketing charges for potatoes sold in Cleveland, Ohio, February-June 1950. U. S. D. A. Mktg. Res. Rpt. 21,28 p. 1952. 1 Ag84Mr

Program Aid

U. S. FARMERS HOME ADMIN. Farm ownership loans. U. S. D. A. PA-62,rev.,7 p. 1952. 1 Ag84Pro

U. S. RURAL ELECTRIFICATION ADMIN. A telephone for your farm; answers to questions about the rural telephone loan program. U. S. D. A. PA-88, slightly rev.,16 p. July 1952. 1 Ag84Pro

PARKER, J. R. Grasshopper control. U. S. D. A. PA-149,rev.,8 p. May 1952. 1 Ag84Pro

BRANT, A. W., and SHRADER, H. L. How to measure egg I. Q. (interior quality). U. S. D. A. PA-202, 11 p. Ref. May 1952. 1 Ag84Pro

U. S. PRODUCTION AND MARKETING ADMIN. Wheat growers can protect crop values by orderly marketing. U. S. D. A. PA-206,2 p. June 1952. 1 Ag84Pro

U. S. PRODUCTION AND MARKETING ADMIN. The National school lunch program; a progress report. U. S. D. A. PA-208,19 p. June 1952. 1 Ag84Pro

Statistical Bulletins

BROOKS, V. Statistics on cotton and related data. U. S. D. A. Statis. B. 99(sup.),105 p. July 1952. 1 Ag84St

HANNAWALD, E. B., and MESICK, D. O. Meat animals; farm production, disposition, and income, 1945-49, by States. U. S. D. A. Statis. B. 113,19 p. July 1952. 1 Ag84St

Technical Bulletins

GODDARD, V. R., and MARSHALL, M. W. The calcium content of commercial white bread. U. S. D. A. Tech. B. 1055,27 p. Ref. July 1952. 1 Ag84Te

AGRICULTURAL AND INDUSTRIAL CHEMISTRY, BUREAU OF

BEINHART, E. G., and MORGAN, O. D. Preliminary study of sterilizing tobacco stems against mosaic diseases. U. S. Bur. Agr. & Indus. Chem. AIC-334,6 p. Apr.1952. 1.932 A2Ag82

CLARK, T. F., and LATHROP, E. C. Dry grinding of agricultural residues: a new industrial enterprise. U. S. Bur. Agr. & Indus. Chem. AIC-336, 36 p. Ref. May 1952. 1.932 A2Ag82

HODGE, J. E., and DAVIS, H. A., comp. Selected methods for determining reducing sugars. U. S. Bur. Agr. & Indus. Chem. AIC-333,66 p. Apr.1952. 1.932 A2Ag82

OLSON, R. L., and TREADWAY, R. H. Prepeeled potatoes for commercial use. U. S. Bur. Agr. & Indus. Chem. AIC-246(sup.1),1 p. June 1952. 1.932 A2Ag82

U. S. SOUTHERN REGIONAL RESEARCH LABORATORY. List of publications and patents, Southern region, July - December 1951. U. S. Bur. Agr. & Indus. Chem. AIC-319(sup.1),23 p. May 1952. 1.932 A2Ag82

U. S. SOUTHERN REGIONAL RESEARCH LABORATORY. CITRUS PRODUCTS LABORATORY. List of publications, 1933 - 1951. U. S. Bur. Agr. & Indus. Chem. AIC-338,10 p. May 14,1952. 1.932 A2Ag82

AGRICULTURAL ECONOMICS, BUREAU OF

HOLE, E., and BONDURANT, J. H. Farm costs and returns, 1951, with comparisons, commercial family-operated tobacco-livestock farms, Bluegrass area of Kentucky. U. S. Bur. Agr. Econ. F. M. 94,5 p. May 1952. 1.941 L6F22

HOUSEMAN, E. E. Identification of farms in area samples. Washington,U. S. Bur. Agr. Econ.,1952. 21 p. 1.941 A2H81

Presented July 23, 1952, at the Summer Statistics Conference, Blue Ridge, North Carolina.

MEYERS, T. Consumer reactions to agricultural textile products at household and industrial levels. Washington,U. S. Bur. Agr. Econ.,1951. 12 p. 1.941 A2M57

Paper presented at the Fall Conference of the American Marketing Association, Boston Dec. 28, 1951.

U. S. BUR. OF AGRICULTURAL ECONOMICS. An analysis of household purchases of citrus products by 500 urban families, Nov. 1948-Oct. 1949, by. K. E. Ogren. Washington,1951. 51 p. 1.941 S2C492

U. S. BUR. OF AGRICULTURAL ECONOMICS. Barley varieties in North Dakota, 1952. Fargo,1952. 2 p. 1.941 A2B24

U. S. BUR. OF AGRICULTURAL ECONOMICS. Farm costs and returns, 1951, with comparisons; 20 types of commercial family-operated farms in 10 major farming regions. U. S. Bur. Agr. Econ. F.M. 93,27 p. June 1952. 1.941 F8F227

U. S. BUR. OF AGRICULTURAL ECONOMICS. Farm stocks of grains, oilseeds, and hay; revised estimates, 1944-51, by States. Washington,1952. 28 p. 1.941 H2C816

U. S. BUR. OF AGRICULTURAL ECONOMICS. Fruits (noncitrus); production, farm disposition, value, and utilization of sales, 1950 and 1951, by E. O. Schlotzhauer and O. M. Frost. Washginton,1952. 38 p. 1.941 H8F94

U. S. BUR. OF AGRICULTURAL ECONOMICS. Rations fed to milk cows, 1951, by J. L. Wilson and H. M. Walters. Washington,1952. 30 p. 1.941 H 8F32

U. S. BUR. OF AGRICULTURAL ECONOMICS. Training courses in agricultural statistics. Washington, 1952. 3 p. 1.941 A22T68

U. S. BUR. OF AGRICULTURAL ECONOMICS. Virginia apple processors report for 1951. Richmond, 1952. 1 p. 1.941 S8Ap52

AGRICULTURAL RESEARCH ADMINISTRATION

U. S. AGRICULTURAL RESEARCH ADMIN. Report of current progress of sugar research programs. Washington,1951? 26 p. 1.98 R2922

ANIMAL INDUSTRY, BUREAU OF

KUTTLER, A. K. Progress report on brucellosis eradication. Washington,U. S. Bur. Anim. Indus.,1952. 9 p. 1.972 A2K96

Presented to the National Brucellosis Committee at its annual meeting, Chicago, May 7 and 8, 1952.

SIMMS, B. T. The threat of foot-and-mouth disease. Washington,U. S. Bur. Anim. Indus.,1952. 10 p. 1.972 A2Si4

Presented at annual meeting of the American Association of Agricultural Editors at Granby, Colo., June 17, 1952.

U. S. BUR. OF ANIMAL INDUSTRY. Care of sows pays in stronger pigs. More meat for defense. Washington,1951. 2 p. 1.972 A2M812

U. S. BUR. OF ANIMAL INDUSTRY. Hatcheries and dealers participating in the National Poultry Improvement Plan. U. S. Bur. Anim. Indus. A. H. D. 36(sup.7), 4 p. June 30,1952. 1.9 An52AH

U. S. BUR. OF ANIMAL INDUSTRY. Report on infectious equine encephalomyelitis in the United States in 1951, by B. T. Simms. Washington,1952. 4 p. 1.9 An5Rep

U. S. BUR. OF ANIMAL INDUSTRY. The use of vitamin B_{12} and antibiotic supplements in livestock feeding. U. S. Bur. Anim. Indus. A. H. D. 145,8 p. June 1952. 1.9 An52Ah

DAIRY INDUSTRY, BUREAU OF

HODGSON, R. E. Importance of legumes in dairy pastures. U. S. Bur. Dairy Indus. BDI-Inf-138,7 p. June 1952. 1.973 D4B34

HODGSON, R. E. Milk for the future and how to get it. U. S. Bur. Dairy Indus. BDI-Inf-141,9 p. June 1952. 1.973 D4B34

KENDRICK, J. F. New uses of DHIA records. U. S. Bur. Dairy Indus. BDI-Inf-137,4 p. June 1952. 1.973 D4B34

MOORE, L. A., IRVIN, H. M., and SHAW, J. C. Relationship between TDN and energy values of feeds. U. S. Bur. Dairy Indus. BDI-Inf-139,7 p. June 1952. 1.973 D4B34

SHEPHERD, J. B. Making and feeding trench and stack silage. U. S. Bur. Dairy Indus. BDI-Inf-140, 8 p. June 1952. 1.973 D4B34

ENTOMOLOGY AND PLANT QUARANTINE, BUREAU OF

COTTON, R. T., and WALKDEN, H. H. Insect control in the country wheat elevator. U. S. Bur. Ent. & Plant Quar. EC-24,16 p. June 1952. 1.967 A2Ec1

HALL, D. G. Our great outdoors and insect control. Washington,U. S. Bur. Ent. & Plant Quar.,1952. 6 p. 1.967 A2H142

Talk at the 1952 annual meeting of the Outdoors Writers' Association of America, June 9, 1952, Miami.

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Japanese beetle [Popillia japonica]. U. S. Bur. Ent. & Plant Quar. B. E. P. Q.-Q. 48,4 p. June 4,1952. 1 F31

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of India. U. S. Bur. Ent. & Plant Quar. B. E. P. Q. 404 (sup.1),rev.,1 p. .May 29,1952. 1.9 F73

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Summary of State nursery-stock shipping requirements and plant quarantines and regulations affecting interstate shipments. New Hampshire. U. S. Bur. Ent. & Plant Quar. B. E. P. Q. 578-30,2 p. Mar.18,1952. 1.9 F73

Similar summaries for other States.

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. White-fringed beetle [Graphognathus leucoloma] amendment of regulated areas. U. S. Bur. Ent. & Plant Quar. B.E.P.Q.-Q.72,3 p. July 5,1952. 1 F31

WADLEY, F. M. Elementary sampling principles in entomology. U. S. Bur. Ent. & Plant Quar. ET-302,18 p. Ref. July 1952. 1.9 En83Et

EXTENSION SERVICE

GORDY, A. S. Extension activities and accomplishments, 1951. U. S. Ext. Serv., Ext. Serv. C. 481,45 p. June 1952. 1.9 Ex892Esc

LYLE, S. P. The purpose of this training conference. Washington,U. S. Ext. Serv.,1952. 3 p. 1.913 A2L98

Talk at the Beltwide Training Conference for Extension Cotton Ginning Specialists, May 19-23,1952, at Stoneville, Miss.

U. S. EXTENSION SERV. Bibliography for reference reading for class in extension evaluation. Washington?1952. 2 p. 1.913 A2B474

U. S. EXTENSION SERV. Buying children's shoes, pre-school and grade school, by A. Linn. Washington,1952. 7 p. 1.913 H4B983

U. S. EXTENSION SERV. Buying foundation garments, by A. Linn. Washington,1952. 4 p. 1.913 H4B984

U. S. EXTENSION SERV. Buying men's suits, by A. Linn. Washington,1952. 4 p. 1.913 H4B982

U. S. EXTENSION SERV. Highlights of extension education 1950-51; recreation and cultural arts, by E. J. Niederfrank. Washington,1951. 15 p. 1.913 A5H533

U. S. INTER-DEPARTMENTAL COMMITTEE ON UTILIZATION OF WEATHER BUREAU SERVICES BY AGRICULTURE. Report on better utilization of weather Bureau information for cotton in 1951. Washington,U. S. Ext. Serv.,1952. 15 p. 1.913 A2R2923

FARM CREDIT ADMINISTRATION

ABRAHAMSEN, M. A., and SCEARCE, J. L. Handbook on major regional farm supply purchasing cooperatives, 1950 and 1951. U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Misc. Rpt. 164,60 p. May 1952. 166.3 M68

ABRAHAMSEN, M. A. Northwest Wholesale Incorporated. (Current operations and an appraisal of possible directions for development). U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Ltd. Rpt. 38,50 p. Jan. 1952. 1.955 C2L62

CAPEL, G. L., and PRESTON, H. J. Cost of prepackaging potatoes in Maine, Michigan and Pennsylvania. U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Misc. Rpt. 163,21 p. Mar.1952. 166.3 M68

HECKMAN, J. H., and WHEELER, A. E. Agricultural cooperation in Denmark and Sweden. U. S. Farm Credit Admin. Coop. Res. & Serv. Div. Misc. Rpt. 165,42 p. Ref. May 1952. 166.3 M68

U. S. Office of Foreign Agricultural Relations cooperating.

HEDGES, H. Using your co-op elevator. U. S. Farm Credit Admin. C. E-8,rev.,12 p. 1952. 166.2 C4926

KNAPP, J. G. The future of farmer cooperatives. Washington,U. S. Farm Credit Admin.,1952. 15 p. 1.955 C2K72

Notes for talk at annual meeting of Farmers Cooperative Grain Dealers Association of Oklahoma, Enid, Apr. 17, 1952.

FARMERS HOME ADMINISTRATION

U. S. FARMERS HOME ADMIN. Annual report, Louisiana, 1951. Alexandria,La.,1951? 8 p. 1.949 An76

U. S. FARMERS HOME ADMIN. The Minnesota story; a report on activities of the Farmers Home Administration in Minnesota for the fiscal year 1951. St. Paul, 1951. 11 p. 1.949 M664

FEDERAL CROP INSURANCE CORPORATION

U. S. FEDERAL CROP INSURANCE CORPORATION. Loss adjustment manual for multiple crops for 1952 and succeeding crop years. Washington,1952. 25 p. 1.952 L898

FOREIGN AGRICULTURAL RELATIONS, OFFICE OF

U. S. OFF. OF FOREIGN AGRICULTURAL RELATIONS. Index to maps and charts; supplement No. 2 July 1951-June 1952. Washington,1952. 11 p. 1.943 In23A

VAN DYNE, G. W. Tobacco situation in southern and southeastern Asia. U. S. Off. Foreign Agr. Relat. Foreign Agr. Rpt. 68,58 p. June 1952. 1.943 F763

FOREST SERVICE

ANDERSON, I. V. Valuation of ponderosa pine stumpage by use of tree grades. Missoula?U. S. Forest Serv., North Rocky Mountain Forest & Range Expt. Sta., 1951. 12 p. 1.962 A2An2

Paper delivered Sept. 27, 1951, at annual conference of Inland Empire Section, Forest Products Research Society, Sandpoint, Idaho.

BOYD, R. J., JR. Effect of harvesting methods on reproduction in the mountain Engelmann spruce-alpine fir type. U. S. Forest Serv. Rocky Mountain Forest & Range Expt. Sta. Res. Notes 11,2 p. July 1952. 1.9622 R2R313

METCALF, M. E. Lumber production approaches all-time record for Northern Rocky Mountain region. U. S. Forest Serv. North. Rocky Mountain Forest & Range Expt. Sta. Res. Note 103,rev.,4 p. June 1952. 1.9622 N3R31

U. S. FOREST SERV. Forest fire statistics, 1951. Washington,1952? 14 p. 1.962 C4F76

U. S. FOREST SERV. National forest fire report, calendar year 1951. Washington?1952? unpaged. 1.962 A2N212

U. S. FOREST SERV. CALIFORNIA FOREST AND RANGE EXPERIMENT STATION. Forest statistics for the Coast Range Pine subregion in California. U. S. Forest Serv. Calif. Forest & Range Expt. Sta. Forest Survey Release 12,48 p. Apr.1952. 1.9 F7626F

U. S. FOREST SERV. NORTHEASTERN FOREST EXPERIMENT STATION. The grading of logs and trees; a bibliography compiled for the Log Grade Committee, U. S. Forest Service, by F. J. Flick. Upper Darby,1952. 16 p. 1.9622 N2G75

WESTVELD, M. A method of evaluating forest site quality from soil, forest cover, and indicator plants. U. S. Forest Serv. Noeast. Forest Expt. Sta. Paper 48,12 p. June 1952. 1.9622 N2St22

HUMAN NUTRITION AND HOME ECONOMICS, BUREAU OF

HENSLEY, M. L., comp. Bibliography on home improvement. Washington,U. S. Ext. Serv.,1952. 26 p. 1.913 H4B47

INFORMATION, OFFICE OF

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Efforts to make more farm labor available, by H. Waters and J. Towers. Washington,July 5,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. MOTION PICTURE SERV. R. E. A. telephone program. Washington?1951. 59 p. 1.914 M2R88

LIBRARY

U. S. DEPT. OF AGRICULTURE. LIBRARY. USDA publications on safety, 1947-1952. Washington, 1952. 3 p. 1.916 Un32

PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, BUREAU OF

HARVEY, E. M., and others. Terminal market storage tests on California lemons, 1951. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 272, 8 p. June 2,1952. 1.9 P772Ht
J. S. Wiant, B. A. Friedman, H. W. Hruschka, E. P. Atrops, J. Kaufman, W. A. Radspinner, J. R. MacRill, J. H. Scanlon, and M. Bunda, joint authors.

JOHNSON, H. B., and others. Shipping and ripening tests with Texas tomatoes, June 1951. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 265,9 p. May 1952. 1.9 P772Ht
R. E. Hardenburg, B. A. Friedman, and W. R. Buford, joint authors.

MOSEMAN, A. H. The future of agronomic research. Washington,U. S. Bur. Plant Indus., Soils, & Agr. Engin.,1952. 9 p. 1.965 A2M85
Talk at the dedication of the new Agronomy Building, University of Nebraska, June 26, 1952.

REDIT, W. H., and HARDENBURG, R. E. Refrigerator car heater test with bananas, New Orleans to Winnipeg, January 1952. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 264,10 p. May 1952. 1.9 P772Ht

U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. Data on wheat breeding materials resistant to stem rust race 15B in the green house at Beltsville, Md., in 1950-51 and their field reaction in the summer of 1951. Beltsville,1952. 7 p. 1.965 C2D26

PRODUCTION AND MARKETING ADMINISTRATION

DEAN, J. H. The 1952 price support program for Mississippi. Washington,U. S. Prod. & Mktg. Admin., 1952. 10 p. 1.956 C82D34
Summary of remarks at a meeting of Mississippi County Committeemen with the Mississippi State PMA Committee, at Biloxi, June 25-27, 1952.

RHODES, F. M. The production job in 1952. Washington,U. S. Prod. & Mktg. Admin.,1952. 11 p. 1.956 A21R34
Remarks before the State-wide Conference of the Mississippi Rural Electric Association at Jackson, Feb. 22, 1952.

SOUTHERLAND, F. L. Quality in processed fruits and vegetables. Washington,U. S. Prod. & Mktg. Admin.,1952. 7 p. 1.956 F94So8
Presented to the American Society for Horticultural Science, Atlanta, Feb. 4, 1952.

U. S. PRODUCTION AND MARKETING ADMIN. Conversion factors and weights and measures for agricultural commodities and their products. Washington, 1952. 96 p. 1.956 A2C762

U. S. PRODUCTION AND MARKETING ADMIN. Peanut meeting, January 30, 1952. Washington,1952. 106 p. 1.956 A2P313

U. S. PRODUCTION AND MARKETING ADMIN. Performance of selected commercial varieties of cotton when processed at varying rates of card production, by J. T. Rouse and S. T. Burley, Jr. Washington,1952. 56 p. 1.956 C82P412

U. S. PRODUCTION AND MARKETING ADMIN. Salable receipts of livestock at public markets, in order of volume, 1951. Washington,1952? 2 p. 1.956 L75Sa3

U. S. PRODUCTION AND MARKETING ADMIN. U. S. standards for currants for processing. Washington, 1952. 3 p. 1.956 A2Un3224

U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of refiners' sirup. Washington,1952. 6 p. 1.956 A2Un3243

U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of sugarcane sirup. Washington,1951. 8 p. 1.956 A2Un3244

U. S. PRODUCTION AND MARKETING ADMIN. U. S. standards for table grapes (European or Vinifera type). Washington,1952. 11 p. 1.9 Ec74Gta

WALSH, R. M. Statistical techniques for the analysis and interpretation of price data. Washington, U. S. Prod. & Mktg. Admin.,1952. 23 p. 1.941 A2W16
Paper presented at the National Marketing Research Workshop, College Station, Texas, July 14, 1952.

RURAL ELECTRIFICATION ADMINISTRATION

U. S. RURAL ELECTRIFICATION ADMIN. Standard specification for deaerating feed water heaters. Washington,1951. 14 p. 1.933 St29

U. S. RURAL ELECTRIFICATION ADMIN. 13th annual report of energy purchased by REA borrowers fiscal year ended June 30,1951. Washington,1952. 108 p. 1.933 En2

U. S. RURAL ELECTRIFICATION ADMIN. Voltage evaluation and voltage improvement of rural distribution systems. Washington,1952. 4 p. 1 R88V

SECRETARY, OFFICE OF

HUTCHINSON, K. T. Co-ops and the agricultural challenge. Washington,U. S. D. A., Off. Sec.,1952. 11 p. 1.91 A2H97
Talk to American Institute of Cooperation, East Lansing, Aug. 11, 1952.

MCCORMICK, C. J. A goodly heritage. Washington,U. S. D. A., Off. Sec.,1952. 15 p. 1.91 A2M132
Talk at 48 States PMA Meeting, St. Louis, July 2, 1952.

MCCORMICK, C. J. Teamwork for the future. Washington,U. S. D. A., Off. Sec.,1952. 10 p. 1.91 A2M132
Talk at annual conference of Produce Prepackaging Association, Columbus, Ohio, June 10, 1952.

WATERS, H. J. Our common challenge. Washington,U. S. D. A., Off. Sec.,1952. 15 p. 1.91 A2W31
Talk at the Regional Conference, U. S. Employment Service, Los Angeles, Feb. 26, 1952.

SOIL CONSERVATION SERVICE

MEEKS, T. O. Developing and testing irrigation wells. U. S. Soil Conserv. Serv. Sowest. Region. Regional B. 114,44 p. Mar.1952. 1.9608 R26

SALTER, R. M. Productivity of the land. Washington,U. S. Soil Conserv. Serv.,1952. 7 p. 1.965 A2Sa3
Talk before the Kiwanis Club of Baltimore in the observance of Maryland Land Week, July 24, 1952.

U. S. SOIL CONSERVATION SERV. Publications on range conservation. Washington,1952? 10 p. 1.96 Op2Pu

U. S. SOIL CONSERVATION SERV. UPPER MISSISSIPPI REGION. Sizing up your farm; a guide to soil conservation farming based on a survey of the land in the La Crosse County, Wisconsin Soil Conservation District. Milwaukee,1952. 16 p. 1.6 Si9

STATE AGRICULTURAL EXPERIMENT STATION PUBLICATIONS

Includes State Agricultural Experiment Station publications received in the library during the preceding month.

Publications issued by the State Agricultural Experiment Stations are not available from the U. S. Department of Agriculture but are often available from the publishing experiment station.

Material not available from the various State institutions may be obtained in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Alabama Agricultural Experiment Station, Auburn

WILLIAMS, S. W. Supplies and use of milk in Alabama. Ala. Agr. Expt. Sta. B. 282,86 p. June 1952. 100 AL1S

BLACKSTONE, J. H. Peanut production practices in southeastern Alabama. Ala. Agr. Expt. Sta. C. 108,23 p. June 1952. 100 AL1S

ALABAMA. AGRICULTURAL EXPERIMENT STATION. 60th and 61st annual reports, January 1, 1949-December 31, 1950. Auburn,1952. 71 p. 100 AL1S

Alaska Agricultural Experiment Station, College

DEARBORN, C. H. Chemical weed killers and their use. Alaska. Agr. Expt. Sta. C. 18,6 p.-folder. May 1952. 100 AL122E

Arizona Agricultural Experiment Station, Tucson

ARIZONA. FERTILIZER CONTROL OFFICE. Fourteenth annual report, 1951. Ariz. Agr. Expt. Sta. Spec. B., 21 p. Feb.1952. 57.9 Ar42

ARIZONA. FEED CONTROL OFFICE. Fourteenth annual report, 1951. Ariz. Agr. Exp. Sta. Spec. B., 63 p. Feb.1952. 389.79 Ar4

Arkansas Agricultural Experiment Station, Fayetteville

ARKANSAS farm research 1(2),8 p. Summer 1952. 100 Ar42F

Connecticut (State) Agricultural Experiment Station, New Haven

SCHREAD, J. C. Habits and control of the Oriental earthworm. Conn. (State) Agr. Expt. Sta. B. 556,15 p. Apr.1952. 100 C76St

Colorado Agricultural Experiment Station, Fort Collins

FARM and home research 3(1),17 p. May/June 1952. 100 C712Co

Georgia Coastal Plain Experiment Station, Tifton

WOODARD, O., and HARMON, S. A. Home garden for the Coastal Plain of Georgia. Ga. Coastal Plain Expt. Sta. Mimeog. Paper 12,rev.,2 p. June 1952. 100 G292M

GEORGIA. COASTAL PLAIN EXPERIMENT STATION. Truck crops for the Coastal Plain of Georgia. Ga. Coastal Plain Expt. Sta. Mimeog. Paper 72,2 p. Jan.1951. 100 G292M

STANLEY, J. M., and SHEPHERD, J. L. Bright leaf tobacco curing barn construction. Ga. Coastal Plain Expt. Sta. Mimeog. Paper 74,4 p. Jan. 1951. 100 G292M

Idaho Agricultural Experiment Station, Moscow

SEELY, C. I. Controlling perennial weeds with tillage. Idaho. Agr. Expt. Sta. B. 288,43 p. May 1952. 100 Id1

WATSON, R. C. Seed & soil treatments for prevention of diseases in vegetables & flowers. Idaho. Agr. Expt. Sta. Mimeog. L. 119,10 p. July 1952. 100 Id12

Illinois Agricultural Experiment Station, Urbana

BOGGESS, W. R. Fall planting studies with pine in southern Illinois. Ill. Agr. Expt. Sta. Dept. Forestry. Forestry Note 25,6 p. Oct.18,1951. 99.9 IL62

RENNELS, R. G. The Zimmerman pine moth (Dioryctria zimmermani (Grote)) a potentially serious enemy of pine plantations in Illinois. Ill. Agr. Expt. Sta. Dept. Forestry. Forestry Note 30,3 p. Dec.21,1951. 99.9 IL62

Indiana Agricultural Experiment Station, Lafayette

BABEL, F. J. Dairy cultures; factors influencing growth and acid production. Ind. Agr. Expt. Sta. B. 573,24 p. May 1952. 100 In2P

BOHREN, B. B., RAPP, G. D., and ARVIDSON, R. B. Increase in pullet egg size as a factor in selection. Ind. Agr. Expt. Sta. B. 574,22 p. Ref. May 1952. 100 In2P

QUACKENBUSH, F. W., and others. Inspection of commercial fertilizers. Ind. Agr. Expt. Sta. C. 383, 52 p. May 1952. 100 In2P

Maryland Agricultural Experiment Station, College Park

BURGER, A. W., SPURRIER, E. C., and FOSTER, J. E. Grass and legume combinations for beef production. Md. Agr. Expt. Sta. B. 442,13 p. June 1952. 100 M36Bx

MARYLAND. AGRICULTURAL EXPERIMENT STATION, AGRONOMY DEPT. Your Tobacco Experimental Farm. Md. Agr. Expt. Sta. B. 443,10 p. n.d. 100 M36Bx

GWIN, J. M. Quality changes in shell eggs in carlot shipments and in storage. Md. Agr. Expt. Sta. B. A-65,31 p. June 1952. 100 M36S

SHORB, M. S., and BRIGGS, G. M. Studies on the nutrition of Lactobacillus lactis, the organism used for the isolation of vitamin B12. Md. Agr. Expt. Sta. B. A-66,12 p. Ref. June 1952. 100 M36S

Michigan Agricultural Experiment Station, East Lansing

BARLOWE, R., and HARTMANS, E. H. Some aspects of farm housing and service buildings in Michigan. Mich. Agr. Expt. Sta. Tech. B. 232,31 p. June 1952. 100 M58S

Mississippi Agricultural Experiment Station, State College

MISSISSIPPI farm research 15(6),8 p. June 1952. 100 M69Mi

Montana Agricultural Experiment Station, Bozeman

THOMPSON, L. S. Montana cooperative State grazing districts in action. Mont. Agr. Expt. Sta. B. 481, 29 p. Dec.1951. 100 M76

Nebraska Agricultural Experiment Station, Lincoln

WERNER, H. O., LEVERTON, R. M., and GRAM, M. R. Reduced ascorbic acid content of potatoes grown with and without straw mulching and irrigation in eastern Nebraska. Nebr. Agr. Expt. Sta. Res. B. 170, 40 p. Ref. Nov.1951. 100 N27

New Jersey Agricultural Experiment Station, New Brunswick

BABCOCK, M. J., and others. Cooperative nutritional status studies in the Northeast region. II. Physical findings. N. J. Agr. Expt. Sta. B. 763,28 p. Ref. June 1952. 100 N46S

A. H. Bryan, M. M. Clayton, W. D. Foster, J. J. Lawless, R. Tucker, A. W. Wertz, and C. M. Young, joint authors.

DAVIS, B. H. Cause and control of tomato wilts. N. J. Agr. Expt. Sta. C. 548,2 p. July 1952. 100 N46S

RANDLE, S. B. Commercial feeds in New Jersey, 1951. N. J. Agr. Expt. Sta. Inspect. Ser. 46, unpaged. May 1952. 100 N46S

New York (State) Agricultural Experiment Station, Geneva

HERVEY, G. E. R., and GUNKEL, W. W. Low gallonage spraying of vegetable crops. N. Y. (State) Agr. Expt. Sta. B. 753,40 p. May 1952. 100 N48

North Dakota Agricultural Experiment Station, State College Station, Fargo

HEMPHILL, P. V., and MARTIN, L. C. A selected bibliography of potato marketing research (1930-1950). N. Dak. Agr. Expt. Sta. B. 373,39 p. June 1952. 100 N813

Ohio Agricultural Experiment Station, Wooster

OHIO. AGRICULTURAL EXPERIMENT STATION. An evaluation of recommended varieties of field crops for Ohio farmers in 1952. Ohio. Agr. Expt. Sta. Agron. Dept. Ser. 123,8 p. Mar.1952. 100 Oh32

MEDERSKI, H. J. Placing supplemental nitrogen on corn. Ohio. Agr. Expt. Sta. Agron. Dept. Ser. 124,3 p. Mar.1952. 100 Oh32

BORST, H. L., and VOLK, G. W. Mulching corn with manure for erosion control. Ohio. Agr. Expt. Sta. Agron. Dept. Ser. 125,4 p. Apr.1952. 100 Oh32

BARNES, E. E. Sawdust as a soil amendment. Ohio. Agr. Expt. Sta. Agron. Dept. Ser. 126,2 p. Apr. 1952. 100 Oh32

LAMB, C. A. Ohio soft winter wheat tests including results of 1951. Ohio. Agr. Expt. Sta. Agron. Dept. Ser. 127,10 p. May 1952. 100 Oh32

OHIO. AGRICULTURAL EXPERIMENT STATION. Notes on crop varieties recommended in Ohio. Ohio. Agr. Expt. Sta. Agron. Mimeog. 120,11 p. Jan.1951. 100 Oh32

SABOE, L. C. Pre-harvest treatment of soybeans (defoliation, brittilizing and pre-harvest drying). Ohio. Agr. Expt. Sta. Agron. Mimeog. 121,2 p. Sept.1951. 100 Oh32

OHIO farm and home research 37:49-68. July/Aug.1952. 100 Oh3S

Oklahoma Agricultural Experiment Station, Stillwater

ELDER, W. C. The annual Lespedezas. Okla. Agr. Expt. Sta. Forage Crops L. 9,2 p. May 1952. 60.9 Ok4

CHESSMORE, R. A. Lawns for town and country. Okla. Agr. Expt. Sta. Forage Crops L. 10,4 p. May 1952. 60.9 Ok4

HARLAN, J. R. King ranch bluestem [Andropogon ischaemum). Okla. Agr. Expt. Sta. Forage Crops L. 11,2 p. May 1952. 60.9 Ok4

ELDER, W. C. Dallis grass (Paspalum dilatatum). Okla. Agr. Expt. Sta. Forage Crops L. 12,2 p. May 1952. 60.9 Ok4

OKLAHOMA. AGRICULTURAL EXPERIMENT STATION. 45h annual field day, Klamichi Field Station at Idabel, Oklahoma. Okla. Agr. Expt. Sta. Mimeog. C. M237,9 p. July 31,1952. 100 Ok41M

OKLAHOMA. AGRICULTURAL EXPERIMENT STATION. Abstract of new publications and list of publications available. Okla. Agr. Expt. Sta. What's New Okla. Agr. 24,19 p. July 1952. 100 Ok4W

FARM research flashes. July 1952. 4 p. 100 Ok4F

Oregon Agricultural Experiment Station, Corvallis

OREGON. AGRICULTURAL EXPERIMENT STATION. Dairy; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 11,30 p. Aug.1952. 100 Or30

Pennsylvania Agricultural Experiment Station, State College

BARR, W. L., BENNETT, K. R., and HESS, R. D. Survey and account methods of estimating costs of milk production. Pa. Agr. Expt. Sta. B. 549,41 p. Ref. Apr.1952. 100 P381

WATROUS, G. H., JR., DOAN, F. J., and JOSEPHSON, D. V. Some bacteriological studies on refrigerated milk and cream. Pa. Agr. Expt. Sta. B. 551,16 p. Ref. Apr.1952. 100 P381

BRANDOW, G. E., LEARN, E. W., and BAKER, R. L. Broiler production and price relationships. Pa. Agr. Expt. Sta. Prog. Rpt. 73,22 p. May 1952. 100 P381P

MOWERY, A. S., MCCLAY, D. R., and ANTHONY, F. Table unit for a portable [electric] saw. Pa. Agr. Expt. Sta. Prog. Rpt. 77,4 p. May 1952. 100 P381P

South Carolina Agricultural Experiment Station, Clemson

BUTLER, C. P., and STREETMAN, H. L. Economics of mechanical cotton picking in South Carolina. S. C. Agr. Expt. Sta. B. 399,35 p. Jan.1952. 100 So8

Tennessee Agricultural Experiment Station, Knoxville

TENNESSEE. AGRICULTURAL EXPERIMENT STATION. Tennessee farm and home science. Progress report No. 1,12 p. Jan./Mar.1952. 100 T25F

Texas Agricultural Experiment Station, College Station

COLLIER, J. W., SMITH, J. C., and JOHNSTON, J. R. Corn fertility and spacing studies at the Blackland Station, 1948-50. Tex. Agr. Expt. Sta. Prog. Rpt. 1388, 7 p. July 30,1951. 100 T31P

HAMILTON, R. D., WHITFIELD, C. J., and REA, H. E. Control of extensive infestation of bindweed [Convolvulus arvensis] in northwest Texas. Tex. Agr. Expt. Sta. Prog. Rpt. 1392,5 p. Aug.13,1951. 100 T31P

ERGLE, D. R., and MCILRATH, W. J. Germination of seed harvested from cotton plants damaged by 2,4-D. Tex. Agr. Expt. Sta. Prog. Rpt. 1394,4 p. Aug. 20,1951. 100 T31P

CHRISTENSEN, P. D., and LYERLY, P. J. Cotton yields in the El Paso Valley as influenced by applications of ammonium nitrate and superphosphate. Tex. Agr. Expt. Sta. Prog. Rpt. 1395,2 p. Aug.21,1951. 100 T31P

BURLESON, C. A., and HUBBARD, J. L. Cotton defoliation in the Lower Rio Grande Valley, 1951. Tex. Agr. Expt. Sta. Prog. Rpt. 1397,5 p. Sept.1,1951. 100 T31P

Washington Agricultural Experiment Station, Pullman

HARRINGTON, A. H., and CALHOUN, W. The dairy balance of the Pacific slope. Wash. Agr. Expt. Sta. C. 191,17 p. May 1952. 100 W27S

VALKO, L. The first co-operative law. Wash. Agr. Expt. Sta. C. 195,5 p. Aug.1952. 100 W27S

SNODGRASS, D., and HARRINGTON, A. H. Supply and disposition of Pacific Northwest wheat. Wash. Agr. Expt. Sta. C. 196,7 p. July 1952. 100 W27S

West Virginia Agricultural Experiment Station, Morgantown

WEST VIRGINIA. AGRICULTURAL EXPERIMENT STATION. Science serves your farm. W. Va. Agr. Expt. Sta. B. 349(3),8 p. June 1952. 100 W52

NYBROTEN, N. Marketing eggs in retail stores of the Northeast, 1949. W. Va. Agr. Expt. Sta. B. 353,39 p. June 1952. 100 W52

NYBROTEN, N. Retailing eggs in West Virginia stores. W. Va. Agr. Expt. Sta. B. 354,16 p. June 1952. 100 W52

CLARK, T. B. Selecting turkeys for the breeding flock. W. Va. Agr. Expt. Sta. C. 86,14 p. June 1952. 100 W52

Wisconsin Agricultural Experiment Station, Madison

NORD, J., and COOK, H. L. Better patron records for Wisconsin dairy plants. Wis. Agr. Expt. Sta. B. 495,24 p. Jan.1952. 100 W75

Wyoming Agricultural Experiment Station, Laramie

STEVENS, I. M. Wyoming livestock auctions. Wyo. Agr. Expt. Sta. B. 315,56 p. May 1952. 100 W99

WESTERN REGIONAL AGRICULTURAL EXPERIMENT STATIONS. TECHNICAL COMMITTEE. Wool preparation & marketing. Wyo. Agr. Expt. Sta. B. 316,68 p. June 1952. 100 W99

U. S. Production and Marketing Administration cooperating.

STATE AGRICULTURAL EXTENSION SERVICE PUBLICATIONS

Includes State Agricultural Extension Service publications received in the library during the preceding month.

Publications issued by the State Agricultural Extension Services are not available from the U. S. Department of Agriculture but are often available from the publishing extension service.

Material not available from the various State institutions may be obtained in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

ALABAMA Polytechnic Institute, Agricultural Extension Service Auburn

ALABAMA. POLYTECHNIC INSTITUTE. AGRICULTURAL EXTENSION SERV. 1952 specialist's suggestions for county plan of work. Auburn,1952? 137 p. 275.29 AL1Su

CALIFORNIA University, College of Agriculture, Agricultural Extension Service, Berkeley

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Fifth annual summary of the San Joaquin County poultry management study for the year March 1, 1951-February 28, 1952, by B. B. Burlingame, W. C. Fleming, and F. Clayton. Berkeley?1952. 8 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Humboldt County dairy management study, 1951, by A. Shultis and H. B. Tucker. Berkeley?1952. 9 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Orange County orange production costs analysis, 1951, by A. Shultis. Berkeley,1952? 14 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Stanislaus County, 1951, walnut cost of production and management study, by B. B. Burlingame and A. G. Volz. Berkeley?1952. 13 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Walnut cost of production study, Ventura County, 1951, by W. Sullivan and R. G. Platt. Berkeley?1952. 5 p. 275.29 C12En

ILLINOIS University, College of Agriculture, Extension Service, Urbana

CARTER, D. G., and HOLMAN, L. E. Storing soybeans on the farm. Ill. Agr. Col. Ext. C. 692,15 p. May 1952. 275.29 IL62C

RAMSER, J. H., and KLEIS, R. W. Hay crushing for faster field curing. Ill. Agr. Col. Ext. C. 693,8 p. June 1952. 275.29 IL62C

MUIRHEID, B. F. Buying good drain tile. Ill. Agr. Col. Ext. C. 696,6 p.-folder. July 1952. 275.29 IL62C

INDIANA - Purdue University, Agricultural Extension Service, Lafayette

HOXSIE, C. E. Dahlias for the amateur. Purdue U. Agr. Ext. B. 374,11 p. 1952. 275.29 In2E

MARSHALL, G. E. Strawberry insects and their control. Purdue U. Agr. Ext. L. 344,12 p. 1952. 275.29 In2L

MOSES, H. E. Botulism in poultry. Purdue U. Agr. Ext. L. 347,4 p. 1952. 275.29 In2L

KENTUCKY University, College of Agriculture and Home Economics, Extension Service, Lexington

KARRAKER, P. E. Productive soil. Ky. Agr. Col. Ext. C. 468,rev.,39 p. Mar.1952. 275.29 K415

PRICE, W. A., and RODRIGUEZ, J. G. How to control external parasites of livestock. Ky. Agr. Col. Ext. C. 477,rev.,10 p. May 1952. 275.29 K415

PRICE, W. A., and RODRIGUEZ, J. G. How to control common garden insects. Ky. Agr. Col. Ext. C. 479,rev.,11 p. May 1952. 275.29 K415

RODRIGUEZ, J. G., and PRICE, W. A. How to control the European corn borer [Pyrausta nubilalis]. Ky. Agr. Col. Ext. C. 495,8 p. n.d. 275.29 K415

MARYLAND University, Colleges of Agriculture and Home Economics, Extension Service, College Park

RICE, W. H., COMBS, G. F., and STABLER, S. P. Good poultry pastures for Maryland. Md. Agr. Col. Ext. B. 95,rev.,23 p. June 1952. 275.29 M36B

MARYLAND. UNIVERSITY. COLLEGES OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. Handbook for 4-H Club leaders. Md. Agr. Col. Ext. B. 117,rev.,33 p. June 1952. 275.29 M36B

SHELBY, H. Let's make aprons. Md. Agr. Col. Ext. C. 148-B,rev.,12 p. Mar.1952. 275.29 M36L

SHELBY, H. Clothes for playtime. Md. Agr. Col. Ext. C. 148-C,rev.,9 p. Mar.1952. 275.29 M36L

SHELBY, H. Let's make a skirt and blouse. Md. Agr. Col. Ext. C. 148-D,rev.,12 p. Mar.1952. 275.29 M36L

SCHABINGER, J. R., and POU, J. W. Managed milking. Md. Agr. Col. Ext. Fact Sheet 51,4 p. n.d. 275.29 M36Fa

RONNINGEN, T. S., HESS, A. G., and STABLER, S. P. Alfalfa varieties for Maryland. Md. Agr. Col. Ext. Fact Sheet 52,2 p. n.d. 275.29 M36Fa
Replacing Agronomy Mimeograph 36.

SIEGRIST, J. C., and GANNON, M. E. Atrophic or dystrophic rhinitis in Maryland. Md. Agr. Col. Ext. Fact Sheet 54,2 p. n.d. 275.29 M36Fa

COMBS, G. F., and others. Broiler mash formulas. Md. Agr. Col. Ext. Fact Sheet 55,4 p. n.d. 275.29 M36Fa
W. H. Rice, P. F. Twining, and M. A. Jull, joint authors.

MASSACHUSETTS University, School of Agriculture, Extension Service, Amherst

HAYES, K. M., ESSELEN, W. B., JR., and FELLERS, C. R. Freezing foods at home. Mass. U. Agr. Ext. L. 257,32 p. May 1952. 275.29 M381L

MICHIGAN State College of Agriculture and Applied Science, Extension Division, East Lansing

HILL, E. B. Father and son farm-operating agreement. Mich. State Col. Agr. Ext. Folder F-168, 12 p. June 1952. 275.29 M58Ex

MISSISSIPPI State College, Extension Service, State College

FELDER, A. P., and BOYETTE, G. F. Foods for 4-H Club girls. Miss. State Col. Ext. P. 148,33 p. May 1951. 275.29 M68Ext
Formerly Bulletins 148-149.

BOUTWELL, A. S. The road to health. Miss. State Col. Ext. P. 162,8 p. Jan.1951. 275.29 M68Ext

BUCKLEY, K. H. Cabbage for market. Miss. State Col. Ext. P. 165,5 p.-folder. Jan.1951. 275.29 M68Ext

MURPHREE, L. C. Kill those garden bugs. Miss. State Col. Ext. P. 167,8 p. Mar.1951. 275.29 M68Ext
Formerly Circular 145.

NEWELL, P. F., and GRISSOM, E. E. 4-H beef cattle manual. Miss. State Col. Ext. P. 170,14 p. Apr.1951. 275.29 M68Ext

HAMNER, A. L., and others. Poisoning pays profits; kill cotton insects. Miss. State Col. Ext. P. 171, 8 p.-folder. Feb.1951. 275.29 M68Ext
C. Lyle, L. C. Murphree, E. W. Dunham, and S. L. Calhoun, joint authors.

COPELAND, J. T. Farm fences. Miss. State Col. Ext. P. 173,10 p.-folder. Feb.1951. 275.29 M68Ext

YOUNT, P., and RAY, K. R. Lamp or electric outdoor brooder. Miss. State Col. Ext. P. 174,4 p. Mar. 1951. 275.29 M68Ext

FELDER, A. P., and others. Freezing foods. Miss. State Col. Ext. P. 176,33 p. Apr.1951. 275.29 M68Ext
G. Boyette, C. Hines, K. H. Buckley, P. Yount, and W. L. Richmond, joint authors.

MONTGOMERY, T. M., and PACE, J. V. Get the most from your farming business. Miss. State Col. Ext. P. 181,6 p.-folder. Apr.1951. 275.29 M68Ext

MISSISSIPPI. STATE COLLEGE. EXTENSION SERV. Extension at work; annual report 1950. Miss. State Col. Ext. P. 182,23 p. Apr.1951. 275.29 M68Ext

RICHMOND, W. L., LANCASTER, R. M., and NEWELL, P. F. 4-H pig manual. Miss. State Col. Ext. P. 183,14 p. June 1951. 275.29 M68Ext

HINES, C., and MURPHREE, L. C. Mississippi spray calendar; fruit pest control practices. Miss. State Col. Ext. P. 184,rev.,16 p. Mar.1952. 275.29 M68Ext
Formerly Circular 114.

ROBERTSON, R., and THERRELL, J. S. Forestry for 4-Hers. Miss. State Col. Ext. P. 189,11 p. June 1951. 275.29 M68Ext

WALLER, T. M. 7 steps to more cotton, more money. Miss. State Col. Ext. P. 192,6 p.-folder. Apr. 1951. 275.29 M68Ext

ANDERSON, A., and HIGGINS, L. A. 4-H dairy cattle judging. Miss. State Col. Ext. P. 194,11 p. June 1951. 275.29 M68Ext

THERRELL, J. S. Timber for sale. Miss. State Col. Ext. P. 195,6 p.-folder. June 1951. 275.29 M68Ext

MURPHREE, L. C. Kill field crop insects. Miss. State Col. Ext. P. 196,8 p.-folder. June 1951. 275.29 M68Ext

KAUFMAN, H. F., and RIVERS, D. W. Community development. Miss. State Col. Ext. P. 197,7 p. June 1951. 275.29 M68Ext

TIERESE, I. A better personality through 4-H Clubs. Miss. State Col. Ext. P. 200,13 p. Nov.1951. 275.29 M68Ext

FELDER, A. Let's can. Miss. State Col. Ext. P. 201,13 p. Dec.1951. 275.29 M68Ext
Formerly Circular 142.

BROCK, M. J. Let's learn to sew. Miss. State Col. Ext. P. 202,5 p. Jan.1952. 275.29 M68Ext
Formerly Circular 147.

BROCK, M. J. Let's sew—for girls 12 years old and older. Miss. State Col. Ext. P. 203,9 p. Jan. 1952. 275.29 M68Ext
Formerly Circular 148.

NEWELL, P. F., and GRISSOM, E. E. What about grain in beef & lamb production. Miss. State Col. Ext. P. 204,4 p. Dec.1951. 275.29 M68Ext

LOVE, H. M., and others. Farmer's 1951 income tax. Miss. State Col. Ext. P. 206,28 p. Dec.1951. 275.29 M68Ext
E. Gambill, W. L. Turner, and E. P. Callahan, joint authors.

HAMNER, A. L., HUTCHINS, R. E., and MURPHREE, L. C. Cotton insect controls. Miss. State Col. Ext. P. 207,12 p. Jan.1952. 275.29 M68Ext

JOHNSON, H. S. Rural community organization. Miss. State Col. Ext. P. 209,9 p. Jan.1952. 275.29 M68Ext

COPELAND, J. T. 4-H terracing teams. Miss. State Col. Ext. P. 210,8 p. Feb.1952. 275.29 M68Ext

HUNTER, F. M., and COPELAND, J. T. A farm electric water system—plumbing, septic tanks. Miss. State Col. Ext. P. 211,20 p. Apr.1952. 275.29 M68Ext

RAY, K. R., and others. Plans for beef cattle equipment. Miss. State Col. Ext. P. 212,16 p. May 1952. 275.29 M68Ext
P. F. Newell, J. T. Copeland, E. E. Grissom, joint authors.

MCLAUGHLIN, A. L., and HIGGINS, L. A. Artificial breeding for better dairy herds. Miss. State Col. Ext. P. 213,6 p.-folder. Apr.1952. 275.29 M68Ext

MURPHREE, L. C., and BENNETT, A. G. Control cattle pests. Miss. State Col. Ext. P. 214,10 p.-folder. May 1952. 275.29 M68Ext

ETHRIDGE, R. Parliamentary procedure. Miss. State Col. Ext. P. 216,12 p. Jan.1952. 275.29 M68Ext

LEGETT, E. Before buying read all labels. Miss. State Col. Ext. P. 217,7 p. June 1952. 275.29 M68Ext

LEGETT, E. Have you made your will. Miss. State Col. Ext. P. 218,5 p. June 1952. 275.29 M68Ext

THOMPSON, W. R., and WALLER, T. M. Growing rice in the Mississippi Delta. Miss. State Col. Ext. P. 219,6 p.-folder. June 1952. 275.29 M68Ext

GRISSOM, E. E., and NEWELL, P. F. Sheep management. Miss. State Col. Ext. P. 222,24 p. June 1952. 275.29 M68Ext

GOAD, B. Be a 4-H leader. Miss. State Col. Ext. P. 227,16 p. June 1952. 275.29 M68Ext

ROBERTSON, R., and THERRELL, J. S. Measure, don't guess. Miss. State Col. Ext. P. 229,12 p. June 1952. 275.29 M68Ext

BENNETT, A. G. Control hog parasites. Miss. State Col. Ext. P. 239,4 p. June 1952. 275.29 M68Ext

MONTANA State College, Extension Service, Bozeman

DUSENBERRY, H. L., and MONSON, O. W. Irrigation structures and equipment. Mont. State Col. Ext. B. 180,rev.,47 p. Jan.1951. 275.29 M76C

NEBRASKA University, College of Agriculture, Agricultural Extension Service, Lincoln

NEBRASKA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Grain is food, keep it clean! Nebr. Agr. Col. Ext. C. C. 114,4 p. May 1952. 275.29 N272Ex

NEBRASKA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Grain is food, keep out insects! Nebr. Agr. Col. Ext. C. C. 115,4 p. May 1952. 275.29 N272Ex

ALEXANDER, M. A., DERRICK, W. W., and FOUTS, K. C. Farm sheep facts. Nebr. Agr. Col. Ext. E. C. 255,64 p. May 1952. 275.29 N272Ex

CLAYBAUGH, J. H. Analysis of broiler production costs. Nebr. Agr. Col. Ext. E. C. 1410,7 p. 1952. 275.29 N272Ex

NEW JERSEY State College of Agriculture and Mechanic Arts, Extension Service, Rutgers University, New Brunswick

CHRIST, E. G., and FARLEY, A. J. Planting and care of fruit trees in the home garden. N. J. Agr. Col. Ext. L. 84,8 p. June 1952. 275.29 N46L

NEW JERSEY. STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS. EXTENSION SERV. Milk dishes. N. J. Agr. Col. Ext. L. 85,4 p. June 1952. 275.29 N46L

NEW JERSEY. STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS. EXTENSION SERV. Cake from your freezer. N. J. Agr. Col. Ext. L. 87,4 p. June 1952. 275.29 N46L

DOERMANN, M. C. Canning fruits and vegetables. N. J. Agr. Col. Ext. L. 88,15 p. June 1952. 275.29 N46L

NEW JERSEY. STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS. EXTENSION SERV. Summer soups. N. J. Agr. Col. Ext. L. 89,4 p. July 1952. 275.29 N46L

NEW MEXICO College of Agriculture, Extension Service, State College

NEW MEXICO. COLLEGE OF AGRICULTURE. EXTENSION SERV. Drawings of ranch equipment. N. Mex. Agr. Col. Ext. C. 210,rev.,24 p. May 1952. 275.29 N463E

NEW YORK State College of Agriculture and Home Economics, Extension Service, Cornell University, Ithaca

NEW YORK. STATE COLLEGE OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. You take it from here. N. Y. Agr. Col. Cornell Ext. B. 836-III, 4 p. June 1952. 275.29 N48E

BRATTON, C. A. Father and son farm partnership arrangements. N. Y. Agr. Col. Cornell Ext. B. 861,11 p. May 1952. 275.29 N48E

LEAR, B. Prevent the spread of golden nematode [Heterodera rostochiensis] of potatoes; disinfest burlap bags and machinery with methyl bromide. N. Y. Agr. Col. Cornell Ext. B. 866,4 p. July 1952. 275.29 N48E

NEW YORK. STATE COLLEGE OF AGRICULTURE AND HOME ECONOMICS. EXTENSION SERV. Feeding and managing heifers on pasture. N. Y. Agr. Col. Ext. Green Acres Serv. Letter 13,6 p.-folder. June 1952. 275.29 N48Gr

NORTH CAROLINA University, State College of Agriculture and Engineering, Extension Service, State College Station, Raleigh

RATCHFORD, C. B. Rental arrangements for progressive farming. South. Farm Mangt. Ext. P. 3,19 p. n.d. 275.29 So84

RATCHFORD, C. B. Determining the rent in share and cash rental arrangement. South. Farm Mangt. Ext. P. 4,11 p. n.d. 275.29 So84

OKLAHOMA Agricultural and Mechanical College, Extension Division, Stillwater

FUNK, E. Better home lighting. Okla. Agr. Col. Ext. C. 439,15 p. n.d. 275.29 Ok41C

DOHOGNE, H. The egg and you. Okla. Agr. Col. Ext. C. 455,12 p. n.d. 275.29 Ok41C

PETERMANN, R. Jams, jellies, preserves. Okla. Agr, Col. Ext. C. 460,14 p. n.d. 275.29 Ok41C

DOHOGNE, H. Cooking Oklahoma fish. Okla. Agr. Col. Ext. C. 568,8 p. n.d. 275.29 Ok41C

DUFFIN, R. B. Surface irrigation development. Okla. Agr. Col. Ext. C. 571,16 p. n.d. 275.29 Ok41C

PENNSYLVANIA State College, Agricultural Extension Service, State College

RUEF, J. U. Cherry production. Pa. State Col. Agr. Ext. C. 403,18 p. May 1952. 275.29 P38C

SIMONDS, W. W. Planting forest trees in Pennsylvania. Pa. State Col. Agr. Ext. C. 404,20 p. May 1952. 275.29 P38C

DENNING, H. Home canning—questions and answers. Pa. State Col. Agr. Ext. C. 405,22 p. Aug. 1952. 275.29 P38C

SOUTH DAKOTA State College of Agriculture, Extension Service, Brookings

DANIEL, M. Stretch your food dollar. S. Dak. State Col. Agr. Ext. C. 476,19 p. Feb.1952. 275.29 So85

WELLER, B. E. Parents—what are their responsibilities. S. Dak. State Col. Agr. Ext. C. 478,15 p. Mar.1952. 275.29 So85

DANIEL, M. Variety every day with frozen foods. S. Dak. State Col. Agr. Ext. C. 479,12 p. June 1952. 275.29 So85

LOFGREN, J. A. Garden insects and their control. S. Dak. State Col. Agr. Ext. C. 480,8 p. June 1952. 275.29 So85

SOUTH DAKOTA. STATE COLLEGE OF AGRICULTURE. EXTENSION SERV. Family farming. S. Dak. State Col. Agr. Ext. L. 133,6 p.-folder. Jan.1951. 275.29 So85E

SOUTH DAKOTA. STATE COLLEGE OF AGRICULTURE. EXTENSION SERV. South Dakota apple orchard spray schedule. S. Dak. State Col. Agr. Ext. L. 141,chart. May 1952. 275.29 So85E

SOUTH DAKOTA. STATE COLLEGE OF AGRICULTURE. EXTENSION SERV. Rural Life Sunday, May 18, 1952. Brookings,1952. 17 p. 275.29 So85Ru

TEXAS Agricultural and Mechanical College, Agricultural Extension Service, College Station

REA, H. E., HAMILTON, R. D., and THORNTON, M. K. Field bindweed [Convolvulus arvensis]. Tex. Agr. Col. Ext. B. 199,12 p. Apr.1952. 275.29 T312

NORTON, D. C. Fire blight. Tex. Agr. Col. Ext. C. 295,6 p. n.d. 275.29 T312C

ELLIOTT, F. C. Cotton defoliation guide in Texas. Tex. Agr. Col. Ext. L. 145.3 p. n.d. 275.29 T313

TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Guide for controlling insects and diseases on vegetable crops in the Lower Rio Grande Valley, by A. N. White, G. P. Wene, and G. H. Godfrey. College Station,1951. 18 p. 275.29 T312Gu

TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. 1952 cotton insect control guide Lower Rio Grande Valley of Texas. College Station,1952? 6 p.-folder. 275.29 T312Gu

WASHINGTON State College, Extension Service, Pullman

SNYDER, J. C., BRANNON, D. H., and HARRIS, M. R. Growing peaches. Wash. State Col. Ext. B. 462,29 p. June 1952. 275.29 W27P

WISCONSIN University, College of Agriculture, Agricultural Extension Service, Madison

LACEY, J., and others. Safeguard your livestock from bears, wolves, coyotes, killer dogs. Wis. Agr. Col. Ext. C. 411,8 p. Apr.1952. 275.29 W75C

C. Rydberg, W. A. Rowlands, W. F. Grimmer, G. S. Hadland, and A. Hanson, joint authors.

HAUSER, E. R., and LACEY, J. J. Beef cattle in Wisconsin. Wis. Agr. Col. Ext. C. 413,8 p. Feb.1952. 275.29 W75C

WISCONSIN. UNIVERSITY. COLLEGE OF AGRICULTURE. DEPT. OF VETERINARY SCIENCE. Winter dysentery (vibrionic diarrhea). Wis. Agr. Col. Ext. C. 421,2 p. May 1952. 275.29 W75C

WISCONSIN. UNIVERSITY. COLLEGE OF AGRICULTURE. DEPT. OF VETERINARY SCIENCE. Anthrax. Wis. Agr. Col. Ext. C. 422,2 p. May 1952. 275.29 W75C

WISCONSIN. UNIVERSITY. COLLEGE OF AGRICULTURE. DEPT. OF VETERINARY SCIENCE. Foot rot of cattle (pododermatitis). Wis. Agr. Col. Ext. C. 423,2 p. May 1952. 275.29 W75C

WISCONSIN. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Dairying as a 4-H project. Wis. Agr. Col. Ext. C. 4-H 59,39 p. Jan.1952. 275.29 W75Cf

LAROCK, M. J., and BRUNS, E. G. A milk house. Wis. Agr. Col. Ext. Spec. C. 14,rev.,32 p. Feb. 1952. 275.29 W75S

ZEHNER, E. How to make a rope halter. Wis. Agr. Col. Ext. Spec. C. 29,2 p. Apr.1952. 275.29 W75S

WISCONSIN. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Insect control for Wisconsin in 1952. Wis. Agr. Col. Ext. Stencil C. 287,rev.,18 p. May 1952. 275.29 W75B

WYOMING University, College of Agriculture, Agricultural Extension Service, Laramie

ULRICH, M., and MCDOWELL, A. Let's learn to sew. Wyo. Agr. Col. Ext. C. 124,37 p. Mar.1952. 275.29 W99C

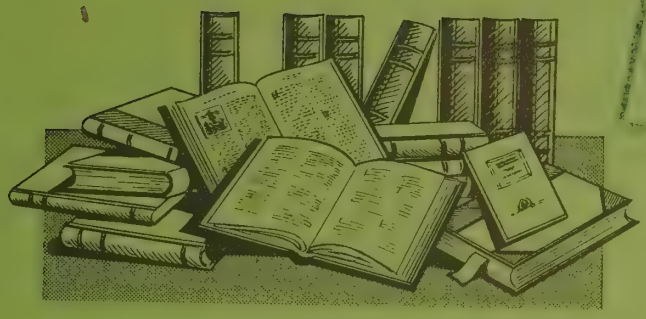
FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

Includes publications received in the library during the preceding month.

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Report on the activities of FAO under the expanded technical assistance program for the first financial period, 1950-1951 and outline of activities for 1952. Rome,1952. 75 p. 389.9 F735Rep

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Yearbook of food and agricultural statistics, 1951, v. 5, pt. 1: Production. Rome, 1952. 298 p. 251 Y3

BIBLIOGRAPHY OF AGRICULTURE



LIBRARY
★ OCT 1952

U.S. DEPARTMENT
OF AGRICULTURE
LIBRARY

S 89!80-96252 NOVEMBER 1952 VOL. 16, No. 11

The subject index for volume 16 of the Bibliography of Agriculture will appear as number 12 of volume 16, the issue of December 1952.

Abbreviations used in this publication are from the United States Department of Agriculture Bibliographical Bulletin 12, List of Serials Currently Received in the Library of the United States Department of Agriculture, November 1, 1949. June 1950.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library. Copying charges for each periodical article or book are:

MICROFILMS:
$1.00 for each 50 pages or fraction thereof from a single article or book.

PHOTOPRINTS:
$1.00 for each 10 pages or fraction thereof from a single article or book.

ALL CHARGES ARE CASH WITH ORDER. (Only Federal agencies are exempt.)
Enclose payment in cash, library coupon, check, or money order drawn to the Treasurer of the United States.

LIBRARY COUPONS—United States Department of Agriculture Library coupons valued at $1.00 each may be ordered in any quantity.

The printing of this publication has been approved by the Director of the Bureau of the Budget. (Jan. 11, 1950).

UNITED STATES DEPARTMENT OF AGRICULTURE

LIBRARY

BIBLIOGRAPHY OF AGRICULTURE

Vol. 16 November 1952 No. 11
Items 89180-96252

CONTENTS

	Item
Plant Science	89180-91137
Systematic and Geographic Botany	89256
Spermatophytes	89274
Pteridophytes	89376
Bryophytes	89389
Algae	89419
Fungi	89438
Pathology	89471
Fungus Diseases	89569
Bacterial Diseases	89691
Virus Diseases	89699
Nematodes	89740
Ecology	89758
Morphology, Anatomy, and Cytology	89803
Genetics	89885
Physiology	89916
Biochemistry	80141
Field Crops	90184
Cereals	90219
Fiber Crops	90286
Forage and Grasses	90303
Oil Crops	90446
Sugar Crops	90463
Tobacco	90493
Horticultural Crops	90501
Fruits	90542
Citrus and Subtropical	90574
Deciduous	90614
Small	90671
Nuts	90699
Shade Trees and Ornamental Plants	90703
Vegetables	90912
Weeds and Poisonous Plants	90990
Miscellaneous	91097
Soils and Fertilizers	91138-91547
Soil Science	91138
Soil Physics	91147
Soil Chemistry	91179
Soil Biology	91217
Soil-Plant-Animal Relationships	91240
Soil Genesis, Formation, Classification and Mapping	91245
Soil Management	91260
Soil Fertility	91274
Tilth and Tillage	91361
Drainage, Irrigation, Water Supply, etc.	91379
Erosion and Control	91471
Sanitation	91501
Materials for Soil Improvement	91506
Primary Materials	91508
Secondary and Minor Element Materials	91510
Mixed Fertilizers and Fertilizer Technology	91518
Fertilizer Statistics	91523
Mineral Soil Amendments	91531
Manures and Composts	91533
Forestry	91548-92168
General	91548
Education	91583
Policies, Programs, Administration	91591
Legislation and Taxation	91636
Description and Resources	91647
Individual Genera	91675
Forest Management and Finance	91690
Farm Woodlands	91729
Mensuration, Surveying, Photogrammetry	91731
Silviculture	91742
Silvicultural Practices	91772
Seeding and Planting	91798
Forest Protection and Damage	91861
Fire	91867
Forest Influences	91887
Miscellaneous Forest Uses	91900
Forest Industries and Trade	91904
Lumbering	91927
Lumbering Equipment	91935
Logging	91949
Sawmills	91972
Processing and Woodworking	91983
Seasoning, Conditioning and Finishing	91994
Wood Preservation and Damage	92009
Forest Products	92024
Lumber and Rough Products	92031
Building Construction	92038
Veneers, Plywood and Adhesives	92056
Furniture	92081
Containers	92084
Pulp and Paper	92087
Chemical Products and Distillates	92114
Naval Stores	92125
Other Forest Products	92130
Wood Technology	92141
Properties and Structure	92157
Animal Industry	92169-93296
Breeds and Breeding	92169
Feeds and Feeding	92181
Veterinary Medicine	92241
Miscellaneous	92364
Cattle	92385
Breeds and Breeding	92385
Feeds and Feeding	92517
Veterinary Medicine	92574
Miscellaneous	92668
Dogs and Cats	92719
Breeds and Breeding	92719
Feeds and Feeding	92729
Veterinary Medicine	92730
Miscellaneous	92770
Fur Animals - Pen Raised	92777
Breeds and Breeding	92777
Feeds and Feeding	92779
Veterinary Medicine	92786
Miscellaneous	92789
Horses and Mules	92792
Breeds and Breeding	92792
Veterinary Medicine	92830
Miscellaneous	92867
Laboratory Animals, Small	92883
Breeds and Breeding	92883
Veterinary Medicine	92885

For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.
$6.00 per year, domestic; $8.00 per year, foreign. Single copies vary in price.

	Item
Poultry	92891
Breeds and Breeding	92891
Feeds and Feeding	92944
Veterinary Medicine	92980
Miscellaneous	93044
Rabbits	93115
Breeds and Breeding	93115
Veterinary Medicine	93118
Miscellaneous	93121
Sheep and Goats	93123
Breeds and Breeding	93123
Feeds and Feeding	93145
Veterinary Medicine	93151
Miscellaneous	93181
Swine	93195
Breeds and Breeding	93195
Feeds and Feeding	93219
Veterinary Medicine	93239
Miscellaneous	93276
Entomology	93297-94213
General - Economic	93349
Insecticides	93509
Apiculture and Apis Mellifera	93553
Arachnida, etc.	93693
Coleoptera	93734
Diptera	93822
Culicidae	93909
Hemiptera	93936
Hymenoptera	94008
Lepidoptera	94045
Orthoptera	94152
Sericulture and the Silkworm	94179
Smaller Orders	94184
Agricultural Engineering	94214-94495
General and Miscellaneous	94214
Machines and Equipment	94231
Animal Husbandry	94273
Cultivation and Tillage	94286
Fertilizer and Seed Distributors	94301
Harvesting	94308
Land Clearing Equipment	94344
Processing Equipment Used on the Farm	94347
Repair, Maintenance, and Construction	94365
Spraying and Dusting	94372
Vehicles	94385
Structures and Rural Housing	94410
Animal Shelters and Service Buildings	94419
Farmhouses and Farmsteads	94444
Greenhouses and Plant Service Buildings	94453
Materials and Methods	94463
Storage Structures	94467
Walls and Fences	94471
Utilities	94473
Electricity and Electrification	94473
Heating, Lighting and Radiation	94484
Power Plants, Motors and Engines	94487
Sewage and Waste Disposal	94491
Telephones	94492
Water Supply	94494
Agricultural Products: Processing, Distribution, and Statistics	94496-95588
Analysis and Composition	94515
Consumption, etc.	94524
Distribution, etc.	94531
Grading, etc.	94559
Packing and Packaging	94580
Prices, etc.	94584
Processing and Storage	94589
Statistics	94616
Beverages and Condiments	94629
Dairy Products	94696
Analysis and Composition	94745
Consumption, etc.	94772
Distribution, etc.	94775
Grading, etc.	94793
Packing and Packaging	94819
Prices, etc.	94823
Processing and Storage	94827
Statistics	94885
Feed and Forage Crops	94887
Fibers and Textiles	94917
Fruits, Vegetables, and Nuts	95017
Analysis and Composition	95043
Consumption, etc.	95048
Distribution, etc.	95049
Grading, etc.	95063
Packing and Packaging	95083
Prices, etc.	95094
Processing and Storage	95101
Statistics	95144
Grain and Grain Products	95152
Honey and Beeswax	95209
Livestock and Livestock Products	95219
Analysis and Composition	95257
Consumption, etc.	95266
Distribution, etc.	95268
Grading, etc.	95290
Packing and Packaging	95297
Prices, etc.	95299
Processing and Storage	95303
Statistics	95317
Oils and Oilseeds	95322
Poultry and Poultry Products	95362
Rubber and Rubber Substitutes	95423
Seeds	95463
Sugar and Sirups	95480
Tobacco	95560
Miscellaneous	95576
Agricultural Economics and Rural Sociology	95589-96109
Agricultural Finance	95602
Credit	95604
Income	95635
Insurance	95639
Taxation	95646
Agricultural Labor and Wages	95658
Agriculture - Situation, Policies, and Programs	95687
Subsidies	95778
Cost and Standard of Living	95780
Farm Management and Land Economics	95783
Bookkeeping and Records	95832
Costs and Returns	95840
Land Settlement and Colonization	95882
Land Tenure	95895
Land Utilization	95920
Land Values, etc.	95926
Population	95930
Rural Social Organization	95935
Human Ecology	95938
Institutions	95946
Leadership	96030
Rural Organizations and Movements	96032
Rural Social Psychology	96077
Trade, Foreign and International	96081
Food and Human Nutrition	96110-96162
Food Habits	96147
Nutritive and Vitamin Content	96149
Miscellaneous	96163-96252
History and Biography	96191
Home Management	96222
International Relations	96227
Meteorology	96228
Research	96236
Statistics	96249

U. S. D. A. Publications p. 154

State Agr. Expt. Sta. Publications p. 164

State Agr. Ext. Serv. Publications p. 168

Food and Agr. Organ. of the U. N. p. 170

The printing of this publication has been approved by the Director of the Bureau of the Budget. (Jan. 11, 1950)

PLANT SCIENCE

GENERAL

89180 ANANOVA, E. N. New data on the Sarmatian vegetation in the lower part of the Dnieper River. (In Russian.) Bot. Zhur. 37:220-226. Ref. Mar./Apr.1952. 451 R923
Pollen analysis.

89181 ANCHEL, M., HERVEY, A., and ROBBINS, W. J. Antibiotic substances from Basidiomycetes. X. Fomes juniperinus Schrenk. Natl. Acad. Sci. Proc. 38: 655-659. Aug.1952. 500 N21P

89182 BAEHNI, C., BONNER, C. E. B., and VAUTIER S. Plantes récoltées par le Dr Wyss-Dunant au cours de l'Expédition suisse à l'Himalaya en 1949. Candollea 13:213-236. Ref. 1950/52. 451 C16

89183 BALGUERIAS, E. Una carta de D. Mariano Lagasca. Madrid. Jard. Bot. An. 10:119-127. 1951. 451 M262

89184 BERGER, W. Pflanzenreste aus dem tortonischen tegel von Theben-Neudorf bei Pressburg. Osterr. Akad. der Wiss. Math.-Natwiss. K. Sitzber. Abt.1. 160: 273-278. Ref. 1951. 510 V67

89185 BERGER, W. Die pflanzenreste aus den unterpliozänen Congerienschichten des Laaerberges in Wien. Osterr. Akad. der Wiss. Math.-Natwiss. K. Sitzber. Abt. 1. 160:335-347. 1951. 510 V67

89186 BOSE, M. N. Plant remains from Barmer District, Rajasthan. J. Sci. & Indus. Res. 11B:185-190. May 1952. 475 J82

89187 BOSE, S. R. Antibacterial principles from some higher fungi. J. Sci. & Indus. Res. 11B:159-160. Apr.1952. 475 J82

89188 BRENDJENS, J. La Société Royale Linnéenne et de Flore; son passé, ses activités. B. Hort. (n.s.)7: 209-210. July 1,1952. 80 B873

89189 BUSTINZA, F. Contribución al estudio de la actividad antibacteriana de Cetraria islandica (L.) Ach. Madrid. Jard. Bot. An.10:143-149. 1951. 451 M262
English summary.

89190 CLELAND, J. B. The dispersal of plants by birds. So. Austral. Ornith. 20:72-77. June 13,1952. 413 So8

89191 CLOVER, E. U. Methods of collecting Cacti for the herbarium and botanical garden. II. Cactus & Succulent J. 24:110-113. July/Aug.1952. 451 C11

89192 CODY, W. J. Plant collections at Ross Bay, Melville Peninsula, N.W.T. Canad. Field-Nat. 65:191-194. Nov./Dec.1951. 410.9 Ot8

89193 COETZEE, J. A., and VAN ZINDEREN BAKKER, E. M. The pollen spectrum of the southern middleveld of the Orange Free State. So. African J. Sci. 48: 275-281. Ref. Apr.1952. 515 So84

89194 COZZO, D. El Arboreto Arnold. Chacra 22 (261):26-27. Aug.1952. 9 C34

89195 CRUM, H. A. Bibliographic notes on Palisot de Beauvois' Prodrome. Torrey Bot. Club. B. 79:407-409. Sept./Oct.1952. 451 T63B

89196 ERDTMAN, G., ed. Palynology. Aspects and prospects. III. Svensk Bot. Tidskr. 46:153-177. Ref. 1952. 450 Sv2
Includes contributions by S. J. Dÿkstra, R. Polonié, H. A. Hyde, G. Erdtman, and P. M. L. Tammes.

89197 FAGERLIND, F. The real signification of pollen diagrams. Bot. Not. 2:185-224. 1952. 450 B656

89198 FOURNIER, P. L'étymologie d'Arabis. Soc. Bot. de France.B. 99:33-34. Jan./Mar.1952. 451 F84B

89199 GARNIER, B. J. A simple apparatus for measuring potential evapotranspiration. Nature [London] 170:286-287. Aug.16,1952. 472 N21

89200 GOODING, E. G. B. A note on Pyke's dendrometer. New Phytol. 51:258-259. Ref. Aug.1952. 450 N42

89201 HALL, H. A week-end in Windhoek. Cactus & Succulent J. Gt. Brit. 14:70-71. July 1952. 450 C113
Plant collecting in South West Africa.

89202 HAMLY, D. H. The use of color standards in the biological sciences. Amer. Hort. Cong. Proc. 4/5:47-53. Ref. 1949-50,pub.1951. 80 Un32Y

89203 HANA, K. Photographing plants. (In Dutch.) Huis en Hof 4:128-129,134. July 1952. 80 H87

89204 HEIMANS, E. In het bos [In the woods]. Ed. 3, rev. Amsterdam,Ploegsma,1952. 174 p. (Van Groei en Bloei en Jaargetijde) 409 H362I
Wildflowers.

89205 JOVET, P. Les Landes. Notes sur la végétation actuelle et sa repartition. Soc. de Biogéog. Compt. Rend. 28:151-161. June/Oct.1951. 505 P216
Landes de Gascogne.

89206 KAMPTNER, E. Uber das auftreten der Codiaceen-gattung Cayeuxia Frollo im Ober-Jura von Ernstbrunn (Niederösterreich). Osterr. Akad. der Wiss. Math.-Natwiss. Kl. Sitzber. Abt. 1. 160:177-206. 1951. 510 V67

89207 KELLENBERGER, F. S. A garden of Bible plants. Horticulture 30:299,323. Aug.1952. 80 H787
Carmel-by-the-Sea, Calif.

89208 KIRK, E. B. Prehistoric flowers. Horticulture 30:356. Sept.1952. 80 H787

89209 KRISHTOFOVICH, A. Raichikha flora - a new ring of the tertiary flora in the Far East. (In Russian.) Bot. Zhur. 37:318-331. Ref. May/June 1952. 451 R923

89210 KRIUGER, V. A. Zonal distribution of vegetation in the valley of the river Kama which is inundated during floods. (In Russian.) Bot. Zhur. 37:378-380. Ref. May/June 1952. 451 R923

89211 LAKHANPAL, R. N., and BOSE, M. N. Some Tertiary leaves and fruits of the Guttiferae from Rajasthan. Indian Bot. Soc. J. 30:132-136. 1951. 450 J821

89212 WILKINS, W. H. Investigation into the production of bacteriostatic substances by fungi. Preliminary examination of the twelfth 100 species, all Basidiomycetes. Brit. J. Expt. Path. 33:340-342. Aug.1952. 448.8 B772

89213 LEBEDEV, D. V. Soviet botanical literature. 12. (In Russian.) Bot. Zhur. 37:266-278. Mar./Apr. 1952. 451 R923

89214 LE GALLO, C. A travers les Iles de la Madeleine. Nat. Canad. 79:205-231. Ref. June/July 1952. 410 N216
Vegetation.

89215 LEMÉE, G. L'histoire forestière et le climat contemporains des lignites de Savoie et de la tourbe wurmienne d'Armoy d'après l'analyse pollinique. Strassburg. U. Inst. Bot. Sér. Phytosocial. et Pédol. 29:167-180. 1952. 451 St82

89216 LEON, A. P. DE. Nociones de botanica sistematica. V-VI a. Soc. Cubana de Bot. Rev. 9:13-29. Jan./Mar.1952. 451 So123

89217 LEROY, J. F. Débat sur Annamocarya:documents sur les Carya de l'ère tertiaire. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:289-290. May/June 1952. 26 R323

89218 LE ROY Y GALVEZ, F. Paginas olvidadas de la historia de la botanica de Cuba. Soc. Cubana de Bot. Rev. 9:30. Jan./Mar.1952. 451 So123

89219 MCLISTER, MRS. F. We see the Sequoias. Green Thumb [Denver] 9(8):24-25,27. Aug.1952. 80 G82

89220 MADSEN, G. C., and PATES, A. L. Occurrence of antimicrobial substances in chlorophyllose plants growing in Florida. (Abs.) Tenn. Acad. Sci. J. 27:198. July 1952. 500 T25A

89221 MASCARO CARRILLO, F. Sobre el poder antibiótico del Delphinium staphisagra, L. Madrid Jard. Bot. An. 10:177-190. Ref. 1951. 451 M262

89222 MATVEEVA, E. P. Conference on problems and methods of stationary geobotanical investigations (Dec. 22-26, 1951) in Komarov's Botanical Institute of the Academy of Sciences of U.S.S.R. (In Russian.) Bot. Zhur. 37:287-290. Mar./Apr.1952. 451 R923

89223 MEYER, F. G. London's Chelsea Physic Garden. Arboretum B. 15(2):4-6,30-32. Summer 1952. 451 Ar1

89224 MOROZOVA, O. I. Evolutionary role of grazing animals in the species formation of angiospermous plants. (In Russian.) Bot. Zhur. 37:158-172. Ref. Mar./Apr.1952. 451 R923

89225 MUENSCHER, W. C. Some unusual plants. Cornell Plantations 8:74-76. Summer 1952. 409.6 C812

89226 MULLIGAN, B. O. Spring in the Arboretum. Arboretum B. 15(2):1-3,27. Summer 1952. 451 Ar1
University of Washington Arboretum.

89227 NATIONAL INSTITUTE OF AGRICULTURAL BOTANY. Thirty-second report and accounts, 1951. Cambridge, 1952. 41 p. 103 N21

89228 OSWALT, W. Spruce samples from the Copper River drainage, Alaska. Tree-Ring B. 19:5-10. Ref. July 1952. 99.8 T713
Tree ring studies.

89229 OWCZARZAK, A. A rapid method for mounting pollen grains with special regard to sterility studies. Stain Technol. 27:249-251. Sept.1952. 442.8 St1

89230 OZERSKIĬ, V. I. Most interesting park in the Baltic area. (In Russian.) Bot. Zhur. 37:376. May/June 1952. 451 R923
Vegetation.

89231 PALMER, E. Pretoria garden may solve botanic puzzles. Veldtrust 13(6):24-25. June 1952. 56.8 V54

89232 PAPP, A. Charophytenreste aus dem jungtertiär Osterreichs. Osterr. Akad. der Wiss. Math.-Natwiss Kl. Sitzber. Abt. 1. 160:279-293. Ref. 1951. 510 V67

89233 PARAY, L. Exploraciones en la Sierra de Juarez. Soc. Bot. de Mex. B. 13:4-10. Dec.1951. 451 So125

89234 PICHI-SERMOLLI, R. Additional notes on the publication-date of Colla's "Plantae rariores in regionibus Chilensibus a clarissimo M. D. Bertero nuper detectae." Webbia 8:407-411. 1951,pub.1952. 450 W38

89235 PICHI-SERMOLLI, R. The publication of Roth's Genera "Athyrium" and "Polystichum." Webbia 8:437-442. 1951,pub.1952. 450 W38
Place of first publication regarded as in the third volume of Roth's Tentamen Florae Germinicae.

89236 POLUNIN, N., and KELLY, C. D. Arctic aerobiology: fungi and bacteria, etc., caught in the air during flights over the geographical North Pole. Nature [London] 170:314-316. Aug.23,1952. 472 N21

89237 POLUNIN, N. Perlustrationes Plantarum Arcticarum. III. 'Parry plants' in the possession of the Royal Geographical Society, London. Rhodora 54:213-216. Aug.1952. 450 R34

89238 PURI, G. S. The family Caprifoliaceae in the Pleistocene of India. Bot. Soc. Bengal. B. 3:113-118. Oct.1949,pub.Sept.30,1951. 451 B659

89239 PURI, G. S. Fossil fruits of Trapa and remains of other fresh-water plants from the Pleistocene of Kashmir. Indian Bot. Soc. J. 30:113-121. Ref. 1951. 450 J821

89240 RAMENSKIĬ, L. G. In regard to methods of studying vegetation and its environment. (In Russian.) Bot. Zhur. 37:202-211. Mar./Apr.1952. 451 R923

89241 RAMENSKIĬ, L. G. On some principal aspects of present day geobotany. (In Russian.) Bot. Zhur. 37: 181-201. Mar./Apr.1952. 451 R923

89242 REGEL, C. The International Commission for Plant Raw Materials. Mater. Veg. 1:122. July 1,1952. 64.8 M41

89243 REMY, W. Uber eine neue art von Bothrodendron aus dem N/Schl. Unterkarbon. Deut. Akad. der Wiss. Math.-Natwiss. Kl. Sitzber. 1952:15-23. 509 D48

89244 RODRIGUEZ, M. (HIJO). El arbol y sus defensores. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Agr. 42(196):7-8. Apr./June 1952. 8 R323

89245 SANCHEZ FABA, F. El Jardín Botánico de Cartagena, según un plano del brigadier Tofino. Madrid Jard. Bot. An.10:129-142. 1951. 451 M262

89246 SCHMIDT, M. G. Exploring the Santa Cruz redwoods. Calif. Hort. Soc. J. 13:99-103. July 1952. 81 C1293
Vegetation.

89247 SIMONNEAU, P. Végétation des dunes littorales du Golfe d'Arzew. Algeria. Inst. Agr. Ann. 6(4),16 p. Jan.1952. 108 AL35

89248 SOCHAVA, V. B. Principle localities for regionalizing geobotany. (In Russian.) Bot. Zhur. 37: 349-361. Ref. May/June 1952. 451 R923

89249 SOMOLINOS D'ARDOIS, G. El viaje del Doctor Francisco Hernandez por la Nueva España. Mex. Inst. de Biol. An. 22:435-484. 1951. 442.9 M57
Includes a list of plants.

89250 STEENIS, C. G. G. J. VAN. Thesaurus Beccarianus. Webbia 8:427-436. 1951,pub.1952. 450 W38
Notes on botanical thesaurus of Odoardo Beccari.

89251 SURANGE, K. R., and SINGH, P. Walkomiella indica, a new conifer from the Lower Gondwanas of India. Indian Bot. Soc. J. 30:143-147. 1951. 450 J821

89252 TSATSENKIN, I. A. Methods of botanical research; experiments in complex mapping of pastures and meadows as regards geobotany and soil in the area of the Caspian Sea, with the aid of aerial photographs. (In Russian.) Bot. Zhur. 37:366-372. Ref. May/June 1952. 451 R923

89253 VASIL'EV, V. N. New fossil species of the genus Trapa L. (In Russian.) Bot. Zhur. 37:226-230. Mar./Apr.1952. 451 R923

89254 WALKER, A. Plantes originaires d'Amérique par ordre d'ancienneté dans l'ancien monde. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:278-286. May/June 1952. 26R323

89255 WARD, M. Folklore of the coconut. Austral. Mus. Mag. 10:319-321. June 15,1952. 475 Au7

SYSTEMATIC AND GEOGRAPHIC BOTANY

General

89256 CARROTHERS, E. N., and MOON, J. M. Notes on the Flora of the North-East of Ireland. Irish Nat. J. 10:284-286. July 1952. 410 Ir42

89257 GUILLAUMIN, A. Florule des Iles Gilbert. 1-2. Soc. Bot. de France B. 99:21-22,38-40. Jan./Mar. 1952. 451 F84B

89258 HERTER, W. G. Flora del Uruguay. III. Glumiflorae. I. Rev. Sudamer. de Bot. 9:59-96. July 1952. 450 R3242

89259 HOWARD, R. A. The vegetation of the Grenadines, Windward Islands, British West Indies. Gray Herb. Harvard U. Contrib. 174,129 p. Ref. June 30, 1952. 451 G792

89260 HUDSON, J. H. Floral list of the Mortlach District, southern Saskatchewan. Canad. Field-Nat. 65: 197-210. Nov./Dec.1951. 410.9 Ot8

89261 HUMBERT, H. Flore de Madagascar et des Comores. Famille 6-11,52-54,79,88-89,112-113,119, 132-136,166. Paris,Firmin-Didot,1951-52. 9 v. 460.51 H88F
By Tardieu-Blot, J. F. Leroy, and H. Perrier de la Bâthie.

89262 JOHANSSON, A. A couple of plant finds from Södermanland, central Sweden. (In Swedish.) Svensk Bot. Tidskr. 46:263-264. 1952. 450 Sv2

89263 KEITH, H. G., comp. A preliminary list of North Borneo plant names. Ed. 2. No. Borneo Forest Rec. 2,528 p. 1952. 99.9 B64

89264 KERN, J., and REICHGELT, T. Our river banks, a treasury for the botanist. (In Dutch.) Levende Nat. 55:126-134. (Cont.) July 1952. 410 L57

89265 KOMAROV, V. L. Flora poluostrova Kamchatki [Flora of Kamchatka Peninsula]. Moskva, Akademiîa Nauk,1951. 506 p. (V. L. Komarov. Izbrannye Sochineniia 7) 330 K83

89266 LE GALLO, C. Additions à la florule des Iles Saint-Pierre et Miquelon (A. du N.). Soc. Bot. de France. B. 99:87-88. Jan./Mar.1952. 451 F84B

89267 MCVAUGH, R. The travels and botanical collections of Eugène Langlassé in Mexico and Colombia, 1898-1899. Candollea 13:167-211. 1950/52. 451 C16

89268 MARCET, A. F. Flora montserratina. Soc. Espan. de Hist. Nat. B. Secc. Biol. 49:201-264. (Cont.) 1951. 442.9 So18

89269 NAKAI, T. A synoptical sketch of Korean flora. Natl. Sci. Mus. B. 31,152 p. Mar.1952. 513 T579

89270 NORLINDH, T. The flora on the green stone rocks in Glimakra parish. (In Swedish.) Bot. Not. 2: 226-229. 1952. 450 B656

89271 PAUNERO, E. Catálogo de plantas recogidas por D. Arturo Caballero en Guadalupe (Cáceres), 1948-1949. Madrid. Jard. Bot. An. 10:25-73. 1951. 451 M262

89272 SPENCE, D. H. N. Flora of Elgg: additions and notes. Bot. Soc. Edinb. Trans. & Proc. 36:74-79. Ref. 1952. 451 Ed4T

89273 STEYERMARK, J. A., and SWINK, F. A. Plants new to Illinois and to the Chicago region. Rhodora 54:208-213. Aug.1952. 450 R34

Spermatophytes

89274 ABRAMS, L. Illustrated flora of the Pacific States, Vol. III. Stanford, Stanford U. Press,1951. 866 p. 455.8 Ab8

89275 AKADEMIÍA NAUK. BOTANICHESKIĬ INSTITUT. Derev'ía i kustarniki SSSR [Trees and shrubs of USSR]. Moskva,Akademiía Nauk SSSR,1951. v. 2, 610 p. 459.2 Ak1D

89276 AKIYAMA, S. Geographical distributions of Carices indigenous to the far eastern region of Asia. Hokkaidô U. Facul. Sci. J. Ser. V, Bot. (ser.5)7:101-136. Ref. Mar.1951. 451 H68

89277 ARISTEGUIETA, L. Algunas observaciones sobre las Proteaceae de Venezuela. Acta Cient. Venezol. 3:64-65. Mar./Apr.1952. 475 Ac83

89278 BALDWIN, J. T., JR. Monocotyledons in Liberia. (Abs.) Tenn. Acad. Sci. J. 27:201. July 1952. 500 T25A

89279 BELLOT, F. Adiciones a la flora gallega. Madrid. Jard. Bot. An. 10:383-387. 1951. 451 M262

89280 BOAS, F. Versuche zur ackerflora. Landwirt. Jahrb. f. Bayern 29:367-448. July/Aug.1952. 18 L24

89281 BODARD, M. Sur quelques Cypéracées africaines. Soc. Bot. de France.B. 99:61-63. Jan./Mar. 1952. 451 F84B

89282 BOELCKE, O. Lithodraba, nuevo género de Crucíferas de la Argentina. Darwiniana 9:348-357. Dec.1951. 450 D25

89283 BOER, H. W. DE. Lithops kunjasensis Dtr. (In Dutch.) Succulenta 4:53-54. July/Aug.1952. 450 Su12

89284 BOIVIN, B. The distribution of Arnica wilsonii Rydberg and its significance. Rhodora 54:200-205. Aug.1952. 450 R34

89285 BRAVO HOLLIS, H. Notas cactológicas. Soc. Bot. de Mex. B. 13:11-15. Dec.1951. 451 So125

89286 BRINK, R. C. B. VAN DEN, JR. "Steenisia" a new genus of Malaysian Rubiaceae. Webbia 8:381-382. 1951,pub.1952. 450 W38

89287 BURKART, A. Leguminosas nuevas o críticas, IV. Darwiniana 9:387-396. Dec.1951. 450 D25
Includes n. spp. in Mimosa.

89288 CABRERA, A. L. Notas sobre Compuestas de la América Austral. Darwiniana 9:363-386. Dec.1951. 450 D25
Includes n. spp. in Aphyllocladus, Mutisia, and Hypochoeris.

89289 CAMUS, A. Panicum nouveaux de Madagascar. Soc. Bot. de France.B. 99:63-65. Jan./Mar.1952. 451 F84B

89290 CHEVALIER, A. Recherches sur les Phoenix africains. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:205-236. Ref. May/June 1952. 26 R323

89291 CHOUARD, P. Espéces en formation chez les Phyteuma du groupe hemisphaericum, particulièrement dans les Pyrénées. Soc. Bot. de France.B. 99:25-29. Jan./Mar.1952. 451 F84B

89292 CHURCH, G. L. The genus Torreyochloa. Rhodora 54:197-200. Aug.1952. 450 R34

89293 CORILLION, R., and DIZERBO, A. Sur la présence du Salicornia fruticosa L. dans le N. W. de la France. Soc. Bot. de France. B. 99;58-60. Ref. Jan./Mar.1952. 451 F84B

89294 DIAPOULIS, C. Le Styrax en Grèce. Mater. Veg. 1:119-121. July 1,1952. 64.8 M41
English summary.

89295 DUTT, N. L., and RAO, J. T. The present taxonomic position of Saccharum and its congeners. Internatl. Soc. Sugar Cane Technol. Proc. 7:286-294. Ref. 1950,pub.1951. 65.9 In84
Includes discussion.

89296 ERICKSON, H. Epilobium adenocaulon Hausskn. found in north Smaland, south Sweden. (In Swedish.) Svensk Bot. Tidskr. 46:264. 1952. 450 Sv2

89297 ÉVRARD, F. Anacardiacées, Mangiférées nouvelles indochinoises. I. Mangifera, Gluta, Swintonia. Soc. Bot. de France.B. 99:82-84. Jan./Mar.1952. 451 F84B

89298 FABRIS, H. A. Tres gamopétalas nuevas para la flora Argentina. Darwiniana 9:616-618. Dec.1951. 450 D25
Tabebuia argentea, Gentiana erythrochrysea, and G. silenoides.

89299 FEHLANDT, P. R. Orchids in Burma today. Amer. Orchid Soc. B. 21:661-664. Sept.1952. 80 Am329

89300 GAGNEPAIN, F. Huit Meliosma (Sabiacées) nouveaux d'Indochine. Soc. Bot. de France.B. 99:9-13. Jan./Mar.1952. 451 F84B

89301 GAGNEPAIN, F. Mimosées nouvelles d'Indochine. Soc. Bot. de France.B. 99:46-51. Jan./Mar.1952. 451 F84B

89302 GAGNEPAIN, F. Un nouveau genre de Mimosées: Ortholobium. Soc. Bot. de France.B. 99:36-38. Jan./Mar.1952. 451 F84B

89303 GAGNEPAIN, F. Quelques Connarus nouveaux d'Indochine. Soc. Bot. de France.B. 99:29-31. Jan./Mar. 1952. 451 F84B

89304 GATES, R. R. Two new species of Oenothera. Canad. Field-Nat. 65:194-197. Nov./Dec.1951. 410.9 Ot8

89305 GAUSSEN, H. Les Gymnospermes, actuelles et fossiles. Toulouse. U. Lab. Forest. Trav. 2(1,fasc. 4, ch.8),248 p. 1950-1952. 99.9 T64

89306 GAUSSEN, H. Une nouvelle espéce de Dioscorea aux Pyrénées: D. chouardii. Soc. Bot. de France.B. 99:23-25. Jan./Mar.1952. 451 F84B

89307 GOOD, R. An atlas of the Asclepiadaceae. New Phytol. 51:198-209. Aug.1952. 450 N42

89308 GORENFLOT, R., GUINOCHET, M., and QUEZEL, P. A propos de trois Narcisses hybrides des marais de la Rassauta. Soc. d'Hist. Nat. de l'Afrique du Nord. B. 42:119-120. June/Dec.1951. 410.9 So125

89309 GRIGSON, G. The singreen [Sempervivum tectorum] on the roof. Country Life [London] 112: 753. Sept.12,1952. 80 C83

89310 GUINEA, E. Asteraceae (Compositae) fernandopoanae. Madrid. Jard. Bot. An. 10:301-340. 1951. 451 M262

89311 HAMET, R. Sur une plante nouvelle pour la flore de France. Soc. Bot. de France.B. 99:5-7. Ref. Jan./Mar.1952. 451 F84B
Sedum nevadense.

89312 HARPER, R. M. An undescribed Erythronium in middle Georgia. (Abs.) Tenn. Acad. Sci. J. 27:201. July 1952. 500 T25A

89313 HAUMAN, L. A propos de la flore du Congo belge et du Ruanda-Urundi. Spermatophytes. II. (1951). Inst. Roy. Colon. Belge B. des Séances 22:999-1001. 1951. 504 B836

89314 HOOGENRAAD, H. R. Two rare fluvellins [Kichxia]. (In Dutch.) Natura 49:81-85. July/Aug.1952. 410 N2192

89315 HUTCHISON, P. C. Studies in the Crassulaceae 1. Crassula ausiensis P. C. Hutchison, sp. nov. Cactus & Succulent J. 24:106-108. July/Aug.1952. 451 C11

89316 IWATA, T., and KUSAKA, M. Coniferae Japonicae illustratae. (In Japanese.) Tokyo,Sangyo Tosho,1952. 228 p. Ref. 460.15 Iw9

89317 JACQUES-FÉLIX, H. Les Cassipourea d'Afrique occidentale. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:264-272. May/June 1952. 26 R323

89318 JACQUES-FÉLIX, H. Trois nouveaux Polygala d'Afrique tropicale. Soc. Bot. de France.B. 99:65-69. Jan./Mar.1952. 451 F84B

89319 JOHANSSON, A. A new locality for ivy in central Sweden. (In Swedish.) Svensk Bot. Tidskr. 46:264. 1952. 450 Sv2

89320 JOHNSON, H. Notes on a new group of Pereskias. Cactus & Succulent J. 24:114-115. July/Aug.1952. 451 C11
Includes Pereskia vargasii n. sp.

89321 JOVET, P. L'Anemone trifolia L. dans le sud-ouest de la France. Soc. Bot. de France.B. 99:13-15. Jan./Mar.1952. 451 F84B

89322 JOVET, P., and GOMBAULT, R. Sur deux Astragales du Proche Orient. Candollea 13:237-239. 1950/52. 451 C16

89323 KUHLMANN, J. G. Notes on Capparis nectaria Vell. (In Portuguese.) Brazil. Serv. Florestal. Arq. 4:3-4. 1950,pub.1951. 451 B733

89324 LANGVAD, B. Systematische studien in Petunia hybrida hort. Agr. Hortique Genet. 10:19-50. Ref. 1952. 64.8 Ag8

89325 LE BRUN, P. Nouvelle contribution à l'étude de la flore du sud-est de la France. Soc. Bot. de France. B. 99:7-9. Jan./Mar.1952. 451 F84B

89326 LOURTEIG, A. Ranunculáceas de Sudamérica templada. Darwiniana 9:397-608. Ref. Dec.1951. 450 D25
Includes Ranunculus hillii, n. sp.

89327 MARTINEZ, M. Los encinos de Mexico y Centroamerica. Mex. Inst. de Biol. An. 22:351-368. 1951. 442.9 M57

89328 MATHIAS, M. E., and CONSTANCE, L. New South American Umbelliferae. Torrey Bot. Club B. 79:359-370. Sept./Oct.1952. 451 T63B
Includes n. spp. in Perissocoeleum, n.g., Cotopaxia, n.g., Austropeucedanum, n.g., and Prionosciadium.

89329 MATUDA, E. Las Ciclantaceas de Mexico. Mex. Inst. de Biol. An. 22:385-396. 1951. 442.9 M57
Includes a new species in Cardulovica.

89330 MATUDA, E. Dos nuevas Araceas de America Central. Soc. Bot. de Mex. B. 14:22-24. June 1952. 451 So125
Monstera longipedunculata and Anthurium longipes.

89331 MATUDA, E. El genero Datura en Mexico. Soc. Bot. de Mex. B. 14:1-17. June 1952. 451 So125

89332 MATUDA, E. Nuevas Araceas de Mexico. Mex. Inst. de Biol. An. 22:369-383. 1951. 442.9 M57
New species in Syngonium, Philodendron, and Anthurium.

89333 MERRILL, E. D., and STEENIS, C. G. G. J. VAN. Reductions of two Malaysian genera of Euphorbiaceae. Webbia 8:405-406. 1951,pub.1952. 450 W38
Mallotus (Aconceveibum) and Acalyphya (Paracelsea).

89334 MILLER, O. B. The woody plants of the Bechuanaland Protectorate. J. So. African Bot. 18(1/2),100 p. Ref. Jan./Apr.1952. 450 J8262

89335 MULLER, C. H. Los camotes del pochote (Ceiba parvifolia) de Puebla. Soc. Bot. de Mex. B. 14:18-21. June 1952. 451 So125

89336 MUNOZ MEDINA, J. M. Breves recorridos botánicos por el Marruecos Espanol. Madrid. Jard. Bot. An. 10:341-382. Ref. 1951. 451 M262

89337 MURRAY, I. Notes on Anacharis or Canadian pondweed (Elodea canadensis in Europe. Aquarium J. 23:154-155. Aug.1952. 414.8 Aq3

89338 NAKAI, T., ed. Iconographia plantarum asiae orientalis, v.5,No.2. Tokyo,Shunyodo Shoten,1952. p.476-499. 460.1 N14

89339 NILSSON, A. Ceratophyllum submersum in the Landskrona district in Scania. III. (In Swedish.) Bot. Not. 2:127-137. 1952. 450 B656
English summary.

89340 OCCHIONI, P. A note on the genus Oxypetalum R. Brow. with a description of a new species and a new variety from the flora of Itatiaya. (In Portuguese.). Dusenia 3:197-202. 1952. 410 D94

89341 OZOLINA, E. A new type of plant for the flora of Latvian SSR - small water lily (Nymphaea tetragona Georgi). (In Latvian.) Latv. PSR Zinatņu Akad. Vēst. 4:667-668. 1951. 511 R442

89342 PABST, G. F. J. Contribution to the knowledge of the orchids of Santa Catarina (Brazil) and their geographical dispersion. (In Portuguese.) An. Bot. 3(3):41-53. June 22,1951. 450 An1
English summary.

89343 PACLT, J. Synopsis of the genus Catalpa (Bignoniaceae). III. Special part. Candollea 13:241-285. Ref. 1950/52. 451 C16

89344 PARODI, L. R. Dos nuevas especies de Gramineas del género Melica de la Argentina. Darwiniana 9:358-362. Dec.1951. 450 D25

89345 PAUNERO, E. Species novae de A. Caballero. Madrid. Jard. Bot. An.10:75-117. 1951. 451 M262
Includes new species in Fagonia, Euphorbia, Frankenia, Tamarix, Erythraea, Stachys, Anacyclus, Chrysanthemum, Inula, and Picris.

89346 PILSTRÖM, I. Chamaedaphne calyculata (L.) Moench, Dianthus suberbus L. and Euphorbia esula L. found in Lappland. (In Swedish.) Bot. Not. 2:225-226. 1952. 450 B656

89347 POTTIER-ALAPETITE, G. De quelques reliques tunisiennes. Soc. des Sci. Nat. de Tunisie.B. 4:18-22. 1951. 515 So14

89348 RAIZADA, M. B., and SHAHI, R. The genus Aegopodium Linn. from India. Indian Bot. Soc. J. 30: 75-79. Ref. 1951. 450 J821

89349 RAMIREZ, J. R. Notas sobre algunas Gramíneas y Leguminosas nuevas o interesantes de la flora Paraguaya, I. Darwiniana 9:618-621. Dec.1951. 450 D25

89350 REBISCHUNG, J., and KARSKA, K. Étude de la valeur systématique de quelques caractères observables sur le grain et les plantules de blé tendre. France Inst. Natl. de la Rech. Ser. B: Ann. de l'Amelior. des Plantes 2:1-30. Jan./Mar.1952. 14 F8499A

89351 REITZ, P. R. Bromeliaceae von Santa Catarina—III. (In Portuguese.) An. Bot. 3(3):93-123. June 22, 1951. 450 An1
German summary.

89352 RIZZINI, C. T. Acanthacearum delectus Brasiliensium. Dusenia 3:181-196. Ref. 1952. 410 D94
Includes n. spp. in Aphelandra, Psacadocalymma, Tyloglossa, Cyrtanthera, Amphiscopia, Geissomeria, Chaetochlamys, Saglorithys, Thalestris, n.g., Chaetothylax, Duvernoia, Sericographis, and Stenandrium.

89353 ROBERTY, G. Gossypiorum revisionis tentamen. Candollea 13:9-165. (Concl.) 1950/52. 451 C16

89354 ROGER, J. G. Diapensia lapponica L. in Scotland. Bot. Soc. Edinb. Trans. & Proc. 36:34-36. Ref. 1952. 451 Ed4T

89355 SÄFVERSTAM, Z. Some noticeable plant finds from Hälsingland, north Sweden. (In Swedish.) Svensk Bot. Tidskr. 46:262-263. 1952. 450 Sv2
Pulmonaria officinalis ssp. obscura, Sanicula europaea, and Elodea canadensis.

89356 SANTA BARBARA, CALIFORNIA. BOTANIC GARDEN. A flora of Santa Barbara, by C. F. Smith. Santa Barbara,1952. 100 p. 455.82 Sa5

89357 SCHWEINFURTH, C. An attractive alpine Epidendrum [E. ampliracemum]. Amer. Orchid Soc. B. 21:682-683. Sept.1952. 80 Am329

89358 SCHWEINFURTH, C. A strange new Bulbophyllum from Mindanao. Philippine Orchid Rev. 4(3):15. Dec.1951. 80 P53
B. erosipetalum n. sp.

89359 SENARATNA, J. E. The orchid Vanda tessellata (Roxb.) Hook. Trop. Agr. [Peradeniya] 107:181-183. July/Sept.1951. 26 T751

89360 SENARATNA, J. E. Wild flowers of Ceylon. I. Trop. Agr. [Peradeniya] 107:176-180. July/Sept.1951. 26 T751

89361 SHARP, A. J. The genus Tovara. (Abs.) Tenn. Acad. Sci. J. 27:201. July 1952. 500 T25A

89362 SHERFF, E. E. Additions to our knowledge of the genus Tetraplasandra A. Gray (fam. Araliaceae) Bot. L. 6:19-41. May 2,1952. 450 B6529
Includes T. bisattenuata n. sp.

89363 SHERFF, E. E. Further studies of Hawaiian Araliaceae: Additions to Cheirodendron helleri Sherff and a preliminary treatment of the endemic species of Reynoldsia A. Gray. Bot. L. 6:6-19. May 2,1952. 450 B6529
Includes n. sp. in Reynoldsia.

89364 SHERFF, E. E. Notes on Bidens L. and Coreopsis L. (fam. Compositae) in the United States. Bot. L. 6:2-6. May 2,1952. 450 B6529

89365 SILLANS, R. Manilkara aubrevillei, Sapotacée nouvelle de l'Oubangui-Chari. Soc. Bot. de France.B. 99: 42-44. Ref. Jan./Mar.1952. 451 F84B

89366 STEARN, W. T. Aeonium simsii. Cactus & Succulent J. Gt. Brit. 14:64. July 1952. 450 C113

89367 SVENSON, H. K. What is Hypericum prolificum? Rhodora 54:205-207. Aug.1952. 450 R34

89368 TIKHOMIROV, B. A., and GALAZII, G. I. Determination of age of the Sieversia glacialis R. Br. and some questions of the plant's span of life. (In Russian.) Bot. Zhur. 37:332-348. Ref. May/June 1952. 451 R923

89369 TIMMERMANS, A. J. Mediolobivia. (In Dutch) Succulenta 4:54-55. July/Aug.1952. 450 Su12

89370 TISCHER, A. The systematics of Conophytum N. E. Br. Cactus & Succulent J. Gt. Brit. 14:56-57,63. (Cont.) July 1952. 450 C113

89371 TORÉN, C. A. Some Hieracium find in Scania. (In Swedish.) Bot. Not. 2:226. 1952. 450 B656

89372 UITEWAAL, A. J. A. Haworthia attenuata and its varieties. Cactus & Succulent J. Gt. Brit. 14:66-67,69. July 1952. 450 C113

89373 WALLACE, J. E. The orchids of Maine. Maine. U. Studies (ser.2)65,80 p. Apr.1951. 500 M28

89374 WESTFELDT, G. A. Cladium mariscus rediscovered in south Västergötland, south Sweden. (In Swedish.) Svensk Bot. Tidskr. 46:199-203. 1952. 450 Sv2

89375 WOODS, F. W. A recent historical factor in the determination of forest composition. (Abs.) Tenn. Acad. Sci. J. 27:207-208. July 1952. 500 T25A
Range of Castanea dentata.

Pteridophytes

89376 ALSTON, G. A. H. Pteridophyta fernandoposnae. Soc. Espan. de Hist. Nat. B. Secc. Biol. 49:189-199. 1951. 442.9 So18

89377 COPELAND, E. B. The American species of Xiphopteris. Amer. Fern J. 42:41-52. (Cont.) Apr./June 1952. 450 Am35

89378 DAVIES, P. A. New stations for Asplenosorus ebenoides. Amer. Fern J. 42:57-58. Apr./June 1952. 450 Am35

89379 DHIEN, R. Les fougères de l'Auxois. Soc. Bot. de France.B. 99:34-35. Jan./Mar.1952. 451 F84B

89380 FLOWERS, S. Additional notes on Selaginella utahensis. Amer. Fern J. 42:58-60. Apr./June 1952. 450 Am35

89381 LICHTENSTEIN, J. S. DE. Nota sobre dos "Ophioglossum" en el norte de la Provincia de Buenos Aires. Darwiniana 9:615-616. Dec.1951. 450 D25
O. reticulatum and O. crotalophoroides.

89382 PALMER, E. J., and STEYERMARK, J. A. New pteridophyte records from Missouri. Amer. Fern J. 42:61-66. Apr./June 1952. 450 Am35

89383 PICHI-SERMOLLI, R. The identification of "Pteris microphylla" Colla. Webbia 8:423-425. 1951, pub.1952. 450 W38

89384 REED, C. F. Notes on the ferns of Kentucky. III. Cheilanthes feei on Silurian limestone in Kentucky. Amer. Fern J. 42:53-56. Apr./June 1952. 450 Am35

89385 SHAVER, J. M. The hartfordfern (climbing fern) [Lygodium palmatum] in Tennessee. (Concl.) Tenn. Acad. Sci. J. 27:174-178. Ref. July 1952. 500 T25A

89386 SHAVER, J. M. The royalfern, the cinnamon-fern, and the interrupted-fern in Tennessee. Tenn. Acad. Sci. J. 27:182-194. (Cont.) July 1952. 500 T25A

89387 STEWART, R. R. The ferns of Pahlgam, Kashmir. Indian Bot. Soc. J. 30:137-142. 1951. 450 J821

89388 WHERRY, E. T. Notes on the spinulose wood-ferns. Amer. Fern J. 42:66-69. Apr./June 1952. 450 Am35
Nomenclature.

Bryophytes

89389 ALLORGE, P., and ALLORGE, V. Mousses récoltées par P. et V. Allorge aux Iles Açores en 1937. Rev. Bryologique et Lichénologique (n.s.)21:50-95. Ref. 1952. 450 R325

89390 ANDERSON, L. E. Diphyscium cumberlandianum Harvill in the southern Appalachians. Bryologist 55: 127-128. June 1952. 450 B84

89391 ARNELL, S. South African species of Riccardia. Bot. Not. 2:138-156. 1952. 450 B656

89392 BARTRAM, E. B. Mosses of Chile and Argentina mainly collected by R. Santesson. Svensk Bot. Tidskr. 46:242-253. 1952. 450 Sv2

89393 BARTRAM, E. B. Noteworthy West Indian mosses. Rev. Bryologique et Lichénologique (n.s.)21:1-2. 1952. 450 R325

89394 BIZOT, M., and POTIER DE LA VARDE, R. Contribution à l'étude du genre Erythrodontium. Rev. Bryologique et Lichenologique (n.s.)21:7-10. 1952. 450 R325

89395 BIZOT, M., GAUME, R., and POTIER DE LA VARDE, R. Une poignée de mousses libanaises. Rev. Bryologique et Lichenologique (n.s.)21:11-13. 1952. 450 R325

89396 BOROS, A. Bryologische beiträge zur kenntnis der flora von Ungarn und der Karpaten. Acta Biol. 2:369-409. Ref. 1951. 475 Ac85

89397 CLARK, L., and FRYE, T. C. Frullania pittieri. Bryologist 55:130-133. June 1952. 450 B84

89398 CLARK, L., and FRYE, T. C. Frullania tunguraguana. Bryologist 55:133-136. June 1952. 450 B84

89399 CORTES LATORRE, C. Aportaciones a la briología española. Madrid. Jard. Bot. An. 10:261-300. 1951. 451 M262

89400 CRUM, H. A. Pseudosymblepharis in middle America. Bryologist 55:137-142. Ref. June 1952. 450 B84

89401 HARVILL, A. M., JR. Diphyscium on the Gulf Coastal Plain. Bryologist 55:127. June 1952. 450 B84

89402 HATTORI, S. Ptilidium californicum and other Nearctic liverworts in Japan. Bryologist 55:147-149. June 1952. 450 B84

89403 HERZOG, T. Hepaticae Ecuadorienses a cl. d:re Gunnar Harling annis 1946—1947 lectae. (In German.) Svensk Bot. Tidskr. 46:62-108. 1952. 450 Sv2
Includes n. spp. in Plagiochila, Herberta, Frullania, Peltolejeunea, Cyclolejeunea, Drepanolejeunea, Taxilejeunea, Cololejeunea, Aphanolejeunea, and Colura.

89404 HERZOG, T. Eine neue lebermoosgattung aus Westpatagonien, Chondrophyllum Herz. Rev. Bryologique et Lichénologique (n.s.)21:46-49. 1952. 450 R325

89405 JOVET-AST, S. Sphaignes de la Guadeloupe. Rev. Bryologique et Lichénologique (n.s.)21:176. 1952. 450 R325

89406 KREISEL, H. Ein seltener gasteromycet auf dem Leipziger Müllberg. J. f. Pilzk. 11:22-24. May 1952. 450 Z352
Phellorina delestrei.

89407 KUCYNIAK, J. Notes sur les Pohlia du Québec—I. Deux espèces peu fréquentes: P. filiformis et P. proligera. Nat. Canad. 79:233-238. Ref. June/July 1952. 410 N216

89408 LACHMANN, A. Contribution à la bryoflore du département du Nord. Rev. Bryologique et Lichénologique (n.s.)21:22-25. 1052. 450 R325

89409 LANGE, B. The genus Sphagnum in Greenland. Bryologist 55:117-126. Ref. June 1952. 450 B84

89410 MCGREGOR, R. L. Riccia rhenana Lorbeer in Kansas. Bryologist 55:129-130. June 1952. 450 B84

89411 PARRIAT, H. Remarques sur une espèce méconnue des Pyrénées et des Alpes. Rev. Bryologique et Lichénologique (n.s.)21:14-18. 1952. 450 R325
Hygrohypnum nervosissimum.

89412 PERSSON, H. Critical or otherwise interesting bryophytes from Alaska-Yukon. Bryologist 55:88-116. (Cont.) Ref. June 1952. 450 B84

89413 POTIER DE LA VARDE, R. Observations sur les affinités du genre Rhynchocarpidium P. de la V. et Le roy. Rev. Bryologique et Lichénologique (n.s.)21:3-6. 1952. 450 R325
Includes R. atrotheca n. sp.

89414 QUARTERMAN, E. Problems in the reproduction of Pleurochaete squarrosa. (Abs.) Tenn. Acad. Sci. J. 27:202. July 1952. 500 T25A

89415 SCHULZ, U. K. T. Aus der wunderwelt der moose. Orion 7:478-486. June 1952. 474 Or4

89416 SHARMA, A. K. Indian Sphagnums. Bot. Soc. Bengal. B. 3:99-111. Ref. Oct.1949,pub.Sept.30,1951. 451 B659

89417 TOUTON, J. B. Florule bryologique des landes tourbeuses de Malingue (Mayenne). Rev. Bryologique et Lichénologique (n.s.)21:19-21. 1952. 450 R325

89418 WAGNER, K. A. Notes on the Neckeraceae. I. New names and new species. Bryologist 55:143-147. June 1952. 450 B84
Includes n. sp. Thamnium tumidicaule.

Algae

89419 CABALLERO, F. Algas del Macizo de Gredos. II. Madrid. Jard. Bot. An. 10:231-260. Ref. 1951. 451 M262

89420 CHADEFAUD, M. Une algue unicellulaire marine des Iles Tortugas et la notion de Chromophycées. Soc. Bot. de France.B. 99:84-86. Jan./Mar.1952. 451 F84B
Chrysophaeum taylori.

89421 CORILLION, R. Sur la présence du Chara fragifera Durieu en Afrique intertropicale. Soc. Bot. de France.B.99:45. Jan./Mar.1952. 451 F84B

89422 DAVY DE VIRVILLE, A. La flore marine de la presqu'île de Quiberon. Soc. de Biogéog. Compt. Rend. 28:141-146. June/Oct.1951. 505 P21

89423 DEFLANDRE, G. Remarques sur les Euglé-niens incolores. Soc. Bot. de France. B. 99:88-90. Ref. Jan./Mar.1952. 451 F84B

89424 FOGED, N. Diatoms in trumpet-formed catching-nets of Neureclipsis bimaculata L. in Sweden. Bot. Not. 2:157-184. Ref. 1952. 450 B656

89425 GAUTHIER-LIEVRE, L. Note sur quelques algues nord-africaines. Soc. d'Hist. Nat. de l'Afrique du Nord. B. 42:51-61. Ref. June/Dec.1951. 410.9 So125

89426 GONZALEZ GUERRERO, P. Hallazgos ficológicos en nuestra costa. Madrid. Jard. Bot. An. 10: 191-230. 1951. 451 M262

89427 HOHN, M. H. Contributions to the diatoms of western New York State. Amer. Micros. Soc. Trans. 71:270-271. July 1952. 440.9 Am33
Navicula bergeni n. sp.

89428 JORDE, I. Observations on the seaweed vegetation near the biological station. Bergen. U. Arb. Natvitensk. Rekke 5,14 p. Ref. 1951,pub.1952. 502 B45

89429 LIND, E. M. The phytoplankton of some Lochs in South Uist and Rhum. Bot. Soc. Edinb. Trans. & Proc. 36:37-47. 1952. 451 Ed4T

89430 NIELSEN, E. S. The marine vegetation of the Isefjord; a study on ecology and production. Denmark. Komm. f. Fiskeri- og Havundersøg. Meddel. Ser. Plankton 5(4),114 p. 1951. 411 D41

89431 PRESCOTT, G. W., and SCOTT, A. M. The algal flora of southeastern United States. V. Additions to our knowledge of the desmid genus Micrasterias 2. Amer. Micros. Soc. Trans. 71:229-252. Ref. July 1952. 440.9 Am33

89432 SEGAWA, S., and OHTA, K. Notes on some seaweeds of Hakata Bay. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:282-285. Nov.1951. 107.6 K995B
English summary.

89433 STARR, R. C. Observations on a new chlorophycean genus belonging to the family Chlorococcaceae. (Abs.) Tenn. Acad. Sci. J. 27:202. July 1952. 500 T25A

89434 SVEDELIUS, N. Notes on the structure and reproduction of the genus Actinotrichia. Svensk Bot. Tidskr. 46:1-17. Ref. 1952. 450 Sv2

89435 TCHAN, Y. T. Counting soil algae by direct fluorescence microscopy. Nature [London] 170:328-329. Aug.23,1952. 472 N21

89436 THOMASSON, K. Contributions to the knowledge of the plankton in Scandinavian mointain lakes. 3. Svensk Bot. Tidskr. 46:228-241. Ref. 1952. 450 Sv2

89437 VOIGT, M. An interesting Indian marine diatom, Radiodiscus hispidus (Grun.) Mills. Indian Bot. Soc. J. 30:56-58. 1951. 450 J821

Fungi (Including Lichens)

89438 ABBAYES, H. DES. Les Cladonia (lichens) du sous-genre Cladina: essai de classification naturelle. Rev. Bryologique et Lichénologique (n.s.)21:116-119. 1952. 450 R325

89439 ABBAYES, H. DES. Les lichens et les lichénologues au VII[e] Congrés International de Botanique de Stockholm (juillet 1950). Rev. Bryologique et Lichénologique (n.s.)21:173-175. 1952. 450 R325

89440 BATTS, C. C. V. The distribution, host range and seasonal development of Puccinia graminis Pers. in south-east Scotland. Bot. Soc. Edinb. Trans. & Proc. 36:48-57. 1952. 451 Ed4T

89441 BECKER, G. Une science pas comme les autres. Rev. de Mycol. 17(sup.):57-60. Apr.1,1952. 450 An74

89442 BENEDIX, E. H. Pilzausstellung—einmal anders; erfahrungen und eindrücke aus Freital (1951). J. f. Pilzk. 11:24-28. May 1952. 450 Z352

89443 BLYTH, W. The occurrence of intrahyphal mycelium in Gonatorrhodiella highlei. Bot. Soc. Edinb. Trans. & Proc. 36:6-17. Ref. 1952. 451 Ed4T

89444 BRETZ, T. W. The ascigerous stage of the oak wilt fungus [Chalara quercina]. Phytopathology 42:435-437. Aug.1952. 464.8 P56
Endoconidiophora fagacearum n. sp.

89445 DEGELIUS, G. On the lichen Cavernularia hultenii Degel. and the problem of the glacial survival of spruce in Scandinavia. Svensk Bot. Tidskr. 46:53-61. Ref. 1952. 450 Sv2

89446 DENNIS, R. W. G. Contribution towards a fungus flora of the small isles of Inverness. Bot. Soc. Edinb. Trans. & Proc. 36:58-70. 1952. 451 Ed4T

89447 EYERDAM, W. J. A giant bracket fungus [Fomes applanatus] found in south eastern Alaska. Svensk Bot. Tidskr. 46:131-132. 1952. 450 Sv2

89448 FAUREL, L., OZENDA, P., and SCHOTTER, G. Matériaux pour la flore lichénologique d'Algérie et de Tunisie. I. Soc. d'Hist. Nat. de l'Afrique du Nord. B. 42:62-112. Ref. June/Dec.1951. 410.9 So125

89449 FAUREL, L., OZENDA, P., and SCHOTTER, G. Notes lichénologiques nord-africaines. I. Soc. d'Hist. Nat. de l'Afrique du Nord. B. 42:113-118. June/Dec.1951. 410.9 So125

89450 FISCHER, R. Ein heteröcischer rostpilz, Puccinia ruttneri nov. Spez., der spitz-segge (Carex gracilis Curtis.) Pflanzenschutzberichte 9:17-25. Ref. Aug.1952. 464.9 P48
English summary.

89451 FOLEY, H. Quelques observations nouvelles sur Amanita mairei nob. Soc. d'Hist. Nat. de l'Afrique du Nord. B. 42:49-50. June/Dec.1951. 410.9 So125

89452 HARLING, G. Notes on Myxomycetes. I. Physarum diderma Rost., new to Sweden. Svensk Bot. Tidskr. 46:47-52. Ref. 1952. 450 Sv2

89453 HEPTING, G. H., TOOLE, E. R., and BOYCE, J. S., JR. Sexuality in the oak wilt fungus. Phytopathology 42:438-442. Ref. Aug.1952. 464.8 P56
Chalara quercina.

89454 HINTERTHÜR, L. Hallimasch und butterpilz; allerlei pilzvolk, schön, essbar und gefährlich. Leipzig, Wunderlich,1951. 74 p. 462.5 H59

89455 HOLM, L. Taxonomical notes on Ascomycetes. II. The herbicolous Swedish species of the genus Leptosphaeria Ces. et De Not. Svensk Bot. Tidskr. 46:18-46. 1952. 450 Sv2
Includes L. jaceae n. sp.

89456 LE GALLO, P. C. Lichens des îles Saint-Pierre et Miquelon. I. Rev. Bryologique et Lichénologique (n.s.)21:144-172. Ref. 1952. 450 R325

89457 LING, K. C., and MA, P. T. A preliminary study on the perfect stage of the causal organism of red rot [Physalospora tucumanensis] of sugar cane. Internatl. Soc. Sugar Cane Technol. Proc. 7:503-513. 1950,pub.1951. 65.9 In84

89458 LOCQUIN, M. Les espèces françaises du genre Leucocoprinus. I. Section procerae. Rev. de Mycol. 17:46-54. Apr.1,1952. 450 An74

89459 MAGNUSSON, A. H. Key to the species of Lecidea in Scandinavia and Finland. I. Saxicolous species. Svensk Bot. Tidskr. 46:178-198. 1952. 450 Sv2

89460 METROD, G. Les Collybies. Rev. de Mycol. 17(sup.):60-93. Ref. Apr.1,1952. 450 An74
Includes n.g. Microcollybia.

89461 MOREAU, F., and MOREAU, MME. F. Lichens de l'Inde. Rev. Bryologique et Lichénologique (n.s.)21: 135-143. Ref. 1952. 450 R325

89462 MOSER, M. Die gattung Cortinarius Fr. (schleierlinge) in heutiger schau. J. f. Pilzk. 11:1-10. Ref. May 1952. 450 Z352

89463 MOTYKA, J., and PICHI-SERMOLLI, R. Usneae in the Mission at Lake Tana and Semièn collected in 1937 by R. Pichi-Sermolli. (In Italian.) Webbia 8:383-404. 1951,pub.1952. 450 W38
English summary.
Includes n. sp. Usnea deminuts.

89464 NANNFELDT, J. A., and ERIKSSON, J. On the genus Costantinella Matruchot (Hyphomycetes). Svensk Bot. Tidskr. 46:109-128. Ref. 1952. 450 Sv2
Includes C. athris n. sp.

89465 PARKER-RHODES, A. F. The basidiomycetes of Skokholm Island. VIII. Taxonomic distributions. New Phytol. 51:216-228. Aug.1952. 450 N42

89466 ROMAGNESI, H. Quelques Omphalia des sables maritimes fixés. Rev. de Mycol. 17:39-45. Apr.1,1952. 450 An74

89467 SERVIT, M. Novae lichenum Pyrenocarporum species in Italia inventae. Webbia 8:413-421. 1951,pub. 1952. 450 W38
Includes n. spp.: Paraphysthele italica, Thelidium fulloënse and five new species in Verrucaria.

89468 SOEHNER, E. Bestimmungsschlussel für die gattung Hymenogaster. J. f. Pilzk. 11:11-21. May 1952. 450 Z352

89469 VIENNOT-BOURGIN, G. Ustilaginales d'Afrique. 2. Étude critique du genre Mycosyrinx. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:253-264. May/June 1952. 26 R323

89470 WINDISCH, S. Zur biologie und systematik des milchschimmels und einiger ähnlicher formen. I. Der milchschimmel (Endomyces lactis) und Endomyces magnusii. Beitr. z. Biol. der Pflanzen 28:69-130. Ref. 1951. 450 C66

PATHOLOGY

General

89471 ABBOTT, E. V., and SUMMERS, E. M. An appraisal of some sugar-cane parent varieties and their progenies with particular reference to disease resistance. Internatl. Soc. Sugar Cane Technol. Proc. 7:97-109. Ref. 1950,pub.1951. 65.9 In84
Breeding work in Florida and Louisiana.
Includes discussion.

89472 ABBOTT, E. V. Seedling testing and disease work at the Houma station during 1951. Sugar B. 30: 344,375-376,380. Aug.15,1952. 65.9 Am32

89473 ANDRÉN, F. Treat fall crop seeds! (In Swedish.) Lantmannen 36:625-626. Aug.9,1952. 11 L234
Oil plants and grain.

89474 APPEL, O. Pflanzenschutz. Ed.2, lfg.1. Berlin,Parey,1952. 448 p. (Sorauer, P. Handbuch der pflanzenkrankheiten, v.6) 464 So6

89475 ARCENEAUX, G., COLEMAN, R. E., and HEBERT, L. P. Evidence of inheritance of resistance to freeze injury in sugar-cane seedlings produced at Canal Point, Florida. Internatl. Soc. Sugar Cane Technol. Proc. 7:116-127. 1950,pub.1951. 65.9 In84

89476 BAICHWAL, R. S., and KHORANA, M. L. Antibacterial, antifungal & insecticidal properties of naphthalene & its derivatives. J. Sci. & Indus. Res. 11A:197-201. Ref. May 1952. 475 J82

89477 BECKER, A. Feldmausbekämpfung 1952. Landwirt. Z. der Nord-Rheinprov. 119:875. Aug.16,1952. 18 L2344

89478 BEĬLIN, I. G. Sanitary condition of shelterbelts and measures for preventing mass outbreaks of diseases in them. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Nauch. Voprosy Polezashch. Lesorazved. 1:265-275. Ref. 1951. 99.9 Ak1N

89479 BERAN, F. Pflanzenschutz in den USA. Pflanzenarzt 5(8):2-3. Aug.1,1952. 464.9 P482
U. S. Department of Agriculture.

89480 BIOLOGISCHE BUNDESANSTALT BRAUNSCHWEIG, Pflanzenschutz-tagung in Würzburg, 23-25. Oktober 1951. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74,168 p. Mar.1952. 410.9 G31M

89481 BITTERS, W. P. Exocortis on trifoliate. Citrus Leaves 32(9):14-16,34. Sept.1952. 80 C492

89482 BOCKMANN, H. Uber auflaufschäden an erbsen. Z. f. Pflanzenkrank. (Pflanzenpath.) u. Pflanzenschutz 59:241-248. July/Aug.1952. 464.8 Z3
English summary.

89483 BOLLE, F. Krautfäule-warndienst in Schleswig-Holstein. Gesunde Pflanzen 4:213-215. Aug.1952. 464.8 G33

89484 BOYD, W. M. Laws, rules and regulations governing the shipment of nursery stock out of New Jersey. N. J. Dept. Agr. C. 386,66 p. Feb.1952. 2 N46C

89485 BUSTINZA, F. Contribución al estudio de las propiedades antibacterianas y antifúngicas del ácido úsnico y de algunos de sus derivados. Madrid Jard. Bot. An. 10:151-175. 1951. 451 M262
English summary.

89486 CADOGAN, J. P. Control of seedling diseases in beet. Beet Grower 6:70-73. July 1952. 66.8 B392

89487 CHEVAUGEON, J. Maladies des plantes cultivées en Moyenne-Casamance et dans le Delta Central Nigérien. Rev. de Path. Vég. et d'Ent. Agr. de France 31:3-51. Ref. Jan./Mar.1952. 464.9 So1

89488 CHIAPPELLI, R. Control of parasites. (In Italian.) Riso 1(6):26. July 1952. 59.8 R49

89489 COLEMAN, R. E. Studies on the keeping quality of sugarcane damaged by freezing temperatures during the harvesting season 1951-52. Sugar B. 30: 342-343,377. Aug.15,1952. 65.9 Am32

89490 CZECH, M. Neuere untersuchungen über rauchschäden an landwirtschaftlichen kulturpflanzen durch chlor-, nitrose- und schwefeldioxydgase. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:27-32. Mar. 1952. 410.9 G31M

89491 DREES, H. Ist chemotherapie im pflanzenschutz notwendig? Gesunde Pflanzen 4:189-190. July 1952. 464.8 G33

89492 DREES, H. Pflanzenschutz und staat. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:5-6. Mar.1952. 410.9 G31M

89493 EICKSTEDT, H. VON. Stand der US-pflanzenschutztechnik. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:166-168. Mar.1952. 410.9 G31M

89494 ELLIOTT, E. S. Diseases, insects, and other factors in relation to red clover failure in West Virginia. W. Va. Agr. Expt. Sta. B. 351T,65 p. Ref. Apr.1952. 100 W52

89495 ELTER, L. Maladies des tomates. Cour. Hort. 14:326-327. June 1952. 80 C834

89496 ERNOULD, L. Les ennemis et maladies de la betterave en Belgique, en 1951. Inst. Belge pour l'Amélior. de la Betterave. P. 19:273-291. Nov./Dec.1951. 66.9 In7
English summary.

89497 EXT, W. Pflanzenschutzliche lesefrüchte. Gesunde Pflanzen 4:226-227. Aug.1952. 464.8 G33

89498 FRÖMMING, E. Neuere erkenntnise über unsere nacktschnecken als schädlinge. Angew. Bot. 26:94-99. Ref. Mar.1952. 450 An4

89499 GHILLINI, C. A. Survey of plant diseases observed during the year 1951. (In Italian.) Not. sulle Mal. delle Piante 18:31-37. Jan./Mar.1952. 464.8 N84
English summary, p. 56.

89500 HAMMARLUND, L. Amount of liquid and strength of spray. (In Danish.) Gart.-Tid. 68:298-299. Aug.18,1952. 80 G192

89501 HEDDERGOTT. Pflanzenschutzlicher grosseinsatz in den Rocky Mountains. Gesunde Pflanzen 4:219-222. Aug.1952. 464.8 G33

89502 HENMI, T. Shokubutsu byorigaku hanron (Plant pathology), rev. Tokyo,Iwanami-shoten,1951. 231 p. (Iwanami Zensho 45) 464 H392

89503 HENNER, J. Rebschäden im zusammenhang mit hormonaler unkrautbekämpfung. Pflanzenarzt 5(8): 3-5. Aug.1,1952. 464.9 P482

89504 HORN, N. L. Strawberry fungicide screening tests. Plant Dis. Rptr. 36:309-310. Aug.15,1952. 1.9 P69P

89505 HUGHES, C. G. The control of cane diseases in Queensland. Internatl. Soc. Sugar Cane Technol. Proc. 7:465-473. 1950,pub.1951. 65.9 In84
Includes discussion.

89506 HUNT, R. Tobacco troubles of 1952. Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 67(9):19,118. Sept.1952. 6 P945K
Includes diseases.

89507 JACKS, H. Health aspects of plant therapeutants. New Zeal. J. Agr. 85(1):70-71,73,75,77-80. Ref. July 15,1952. 23 N48J

89508 JENSEN, I. C. B. Organische quecksilberpräparate im dänischen obstbau. Gesunde Pflanzen 4:223-226. Aug.1952. 464.8 G33

89509 JONES, E. W. Some observations on the lichen flora of tree boles, with special reference to the effect of smoke. Rev. Bryologique et Lichénologique (n.s.)21:96-115. 1952. 450 R325

89510 JUSCAFRESA, B. El escaldado de las manzanas. Cult. Mod. 35:256. July 1952. 15 C89

89511 KIRBY, A. H. M., and BENNETT, M. An effect of phenyl mercury chloride on pear leaves. East Malling Res. Sta. Annu. Rpt. 39:187-188. 1951,pub.1952. 103 Ea7
Injuries.

89512 KIRBY, A. H. M., and BENNETT, M. Spray damage investigations in 1949-51. East Malling Res. Sta. Annu. Rpt. 39:183-186. 1951,pub.1952. 103 Ea7

89513 KIRCHNER. Ein beitrag aus Mecklenburg zum "krähenproblem." Nachbl. f. den Deut. Pflanzenschutzdienst (n.s.)6:101-104. June 1952. 464.9 N11

89514 KLINKOWSKI, M. Möglichkeiten der entseuchung fettfleckenkranken bohnensaatgutes durch antibiotika. Biol. Zentanst. f. Land- u. Forstwirt. Mitt 74:19-22. Mar.1952. 410.9 G31M

89515 LANDWIRTSCHAFTSKAMMER WESER-EMS Tätigkeitsbericht des pflanzenschutzamtes für das jahr 1951. Oldenburg,1952. 34 p. 464.9 OL1

89516 LAVRENKO, E. M., and FUNATOV, A. A. Wasteland in steppes as a result of the action of the Brandt rodent on the steppe grass stand and soil. (In Russian.) Bot. Zhur. 37:128-138. Ref. Mar./Apr.1952. 451 R923

89517 LLEWELYN, F. W. M., and ALLEN, M. A method of estimating scorch on leaves. East Malling Res. Sta. Annu. Rpt. 39:115-118. 1951,pub.1952. 103 Ea7
Toxicity of ammonium thiocyanate on raspberry leaves.

89518 LO, T. T. A report on sugar-cane diseases in Taiwan. Internatl. Soc. Sugar Cane Technol. Proc. 7:452-456. 1950,pub.1951. 65.9 In84

89519 LOCKWOOD, J. L., LEBEN, C., and KEITT, G. W. A culture plate for agar diffusion assays. Phytopathology 42:447. Aug.1952. 464.8 P56
For antibiotics and fungicides.

89520 LOEWEL, E. L. Das frühjahr 1952 und die frostschäden im Niederelbegebiet. Obstbauversring. Mitt. 7:102-115. June 1952. 85 J76

89521 MARCHIONATTO, J. B. La lucha química contra las plagas de la agricultura. Soc. Cient. Argentina An. 153:161-176. Ref. Apr.1952. 516 So1

89522 MARTIN, J. P. Sugar-cane diseases and their world distribution. Internatl. Soc. Sugar Cane Technol. Proc. 7:435-452. 1950,pub.1951. 65.9 In84

89523 MINEV, K. Modern methods for protecting plants from diseases. (In Serbo-Croatian.) Socijalističko Zemjodelstvo 4(3/4):47-53. Mar./Apr.1952. 280.28 So7
Yugoslavia.

89524 MOORE, M. H., and KIRBY, A. H. M. Can the new organic fungicides help the fruitgrower? East Malling Res. Sta. Annu. Rpt. 39:200-204. 1951,pub.1952. 103 Ea7
Tests against apple sac and mildew.

89525 MUHLETHALER, P., GUNTHART, E., and HOHENER, H. Neuere entwicklung der spritztechnik im feldbau in der Schweiz. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:142-145. Mar.1952. 410.9 G31M

89526 NANCE, N. W. Some new or unusual records and outstanding features of plant disease development in the United States in 1951. Plant Disease Rptr. Sup. 214: 142-162. Aug.15,1952. 1.9 P69P

89527 NEAME, C. Some experiences of low volume fruit tree spraying. Fruit-Grower 2949:13-14. July 3, 1952. 80 F941

89528 NEWHALL, A. G. Chrysanthemum foliage injury with methyl bromide. Chrysanthemum Soc. Amer. B. 20(3):12. July 1952. 81 C46B

89529 NIXON, E. L. The principles of profitable spraying. Guide Post 30(7):24-25. July 1952. 75.8 G94

89530 NOLLA, J. A. B. Injury to sugar cane from 2, 4-D. Internatl. Soc. Sugar Cane Technol. Proc. 7: 178-190. 1950,pub.1951. 65.9 In84
Includes discussion.

89531 PAPE, H. Erfahrungen mit der heisswasserbeizung von maiblumenkeimen. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:45-49. Mar.1952. 410.9 G31M
Convallaria majalis.

89532 PAYREBRUNE, G. DE. Blatterkrankungen der gurken. Württemb. Wchnbl. f. Landwirt. 119:742-743. Aug.16,1952. 18 W96

89533 PINDUR, W. Getreidesaatgut beizen! Bauer 5(28):14-15. Aug.16,1952. 19 B32

89534 POLE BLIGHT INVESTIGATIONS STEERING COMMITTEE. Pole blight: what is known about it. U. S. Forest Serv. North. Rocky Mountain Forest & Range Expt. Sta. Misc. P. 4,17 p. Ref. July 1952. 1.9622 N3M68

89535 POPHAM, W. L. A neglected field: insects as carriers of plant diseases. Farm Chem. 115(9): 25,27. Sept.1952. 57.8 Am3

89536 QUEBEC. DEPT. OF AGRICULTURE. PLANT PROTECTION SERV. Orchard spray manual. Quebec, 1952. 56 p. 464.9 Q312

89537 REICH, H. Muss das sein? Betrachtungen zur wühlmausplage. Obstbauversring. Mitt. 7:117-118. June 1952. 85 J76

89538 REINKE, H. Massnahmen zur schulung der pflanzenschutzmitarbeiter notwendig. Deut. Landwirt. 3:373-374. July 1952. 18 D4822

89539 RILEY, C. G. Diseases of trees in Saskatchewan. Saskatchewan U. Addresses & Proc. U. Saskatchewan Farm Week 1952:55-58. 101 Sa72

89540 RIOLLANO, A. Enfermedades, insectos y yerbajos. Caña y Azúcar 1(2):21-23. May 1952. 65.8 C163

89541 ROGERS, H. T. 2-4-D war! Wash. Farmer 77:643. Aug.21,1952. 6 R151
2-4-D damage to crops and regulatory legislation in Washington.

89542 RUI, D. The effects of overhead irrigation on the diseases and pests of plants. (In Italian.) Acqua nell'-Abitato e nei Campi 4:78-79. May/June 1952. 55.8 Ac7

89543 SAHA, J. C. Forecasting of epiphytotics as practised in the United States of America. Bot. Soc. Bengal. B. 3:123-134. Ref. Oct.1949,pub.Sept.30,1951. 451 B659

89544 SMITH, N. M. Some observation on frost injury to sugar cane—Nambour area. Queensland Soc. Sugar Cane Technol. Proc. 19:123-132. 1952. 65.9 Q332

89545 SCARAMUZZA, L. C. Las enfermedades graves de la caña de azúcar. Asoc. de Téc. Azucareros de Cuba. B. Ofic. 11:223-224. July 1952. 65.9 As5B

89546 SCHOEL, W. Kurze zusammenstellung der pflanzenschutzbestimmungen für die einfuhr von pflanzen, pflanzenteilen und pflanzenerzeugnissen in die Bundesrepublik. Gesunde Pflanzen 4:206-210. July 1952. 464.8 G33

89547 SCOTLAND. DEPT. OF AGRICULTURE. Diseases of the oat crop. Scot. Dept. Agr. Adv. L. 21, 9 p. 1952. 10 Sco82L

89548 SCOTLAND DEPT. OF AGRICULTURE. Raspberry diseases in Scotland. Rev. Scot. Dept. Agr. Adv. L. (n.s.)7,9 p. 1952. 10 Sco82L

89549 SEMPIO, C. The plant pathology in the U.S.A. (In Italian.) Ricerca Sci. 22:615-636. Apr.1952. 475 It1
English summary.

89550 SHARMA, K. The Loranthus parasite as a pest on citrus trees in Assam. Indian J. Hort. 9(2):18-21. June 1952. 80 In2

89551 SLIJCKEN, A. VAN. The search for and the breeding of disease-resistant strains of agricultural crops. (In Flemish.) Gent. Landbhogesch. Meded. 17: 61-74. Ref. Mar.1952. 105.1 G344
English summary.

89552 STEINDL, D. R. L. Ratoon stunting disease. Internatl. Soc. Sugar Cane Technol. Proc. 7:457-465. 1950,pub.1951. 65.9 In84
No pathogenic organism located.

89553 STELLWAAG, F. Abbauerscheinungen in schnittgärten. Deut. Weinbau 7:431-432,434-435. Aug.20,1952. 390.8 W432
Diseases.

89554 STOVER, R. H., and KOCH, L. W. Methyl bromide as a soil fumigant for controlling diseases and weeds in tobacco seedbeds. Sci. Agr. 32:411-420. Aug.1952. 7 Sci2

89555 TANAKA, K. Byogaichu bojo no jissai (Reality of protection from disease and damage of insect for agricultural products). Tokyo,Chikuyo Shobo,1952. 138 p. 464.4 T15

89556 TERMAN, G. L., PLUMMER, B. E., JR., and FOLSOM, D. Some effects of arsenical vine killers on potatoes and oats. Maine. Agr. Expt. Sta. B. 501,11 p. May 1952. 100 M28S

89557 TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Guide for controlling insects and diseases on vegetable crops in the Lower Rio Grande Valley, by A. N. White, G. P. Wene, and G. H. Godfrey. College Station?1951. unpaged. 275.29 T312In

89558 THATE, R. Versuche zur prüfung der wirkung neuer spritzgeräte mit hilfe fluoreszierender stoffe. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:145-146. Mar.1952. 410.9 G31M

89559 THEIMER, K. Hauptursachen des pfirsichsterbens. Gart.-Z. Illus. Flora 75:89-90. Aug.1952. 80 G1991

89560 TRAPPMANN, W. Zur frage der schneckenbekämpfung. Angew. Bot. 26:99. Mar.1952. 450 An4

89561 TRAPPMANN, W. Netzmittel oder haftmittel? Deut. Weinbau 7:304. July 5,1952. 390.8 W432
For grape sprays.

89562 TSUBOI, Y., and IZUMI, S. Studies on wind injury to wheat. 2. Investigation of wind break. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:45-47. June 1952. 340.9 So1
English summary.

89563 VIDAL, J. P. Sur quelques dépérissements. Rev. Agr. de l'Afrique du Nord 50:466-468. July 18,1952. 80 R326
Grapes.

89564 WEINBERGER, J. H. Winter injury to peach trees on Yunnan stock. Plant Dis. Rptr. 36:307-308. Aug.15,1952. 1.9 P69P

89565 WENKEL, F. Versuche mit"Morkit" und "VO 4279" zur abschreckung von vögeln vom frass an ölsaaten und getreide. Höfchen- Briefe f. Wiss. u. Praxis 4:227-234. 1951. 464.8 H67

89566 ZENTMYER, G. A. Avocado diseases. Calif. Avocado Soc. Ybk. 1951:97-101. 81 C128

89567 ZENTMYER, G. A. Avocado diseases in Mexico and Costa Rica. Calif. Avocado Soc. Ybk. 1951:103-104. 81 C128

89568 ZYCHA, H. Das buchensterben, ursache und prognose. Göttingen. U. Forstl. Fakul. Schrreihe. 2:75-78. 1951. 99.9 G71

Diseases Caused by Fungi

89569 ABBOT, E. V. Sclerospora disease of sugarcane identified in Louisiana. Sugar B. 30:390-391,399-400. Sept.1,1952. 65.9 Am32

89570 ÅKERMAN, Å., and others. The experience gained at the Swedish Seed Association from the 1951 year epidemy of black stem rust on wheat. I-VIII. (In Swedish.) Sveriges Utsädesför. Tidskr. 62:75-151. Ref. 1952. 61.9 Sv23
J. Mac Key, O. Holmgren, I. Wålstedt, E. Waller, and N. V. Torpe, joint authors.
English summary.

89571 ALESHINA, O. A. Effect of nitrogen nutrition on the development of the infectious drying up of lemons (Mal secco). (In Russian.) Sovet. Agron. 10(6):78-79. June 1952. 20 So84
Caused by Deuterophoma tracheiphila.

89572 ANDERSEN, A. L. Development of wheat head blight incited by Helminthosporium sativum. Phytopathology 42:453-456. Ref. Aug.1952. 464.8 P56

89573 ANKUDINOV, A. M., and SHAFRANSKAIA, V. N. Drying up of Babylonian willow branches. (In Russian.) Lesn. Khoz. 4(11):68-69. Nov.1951. 99.8 L5622
Caused by Didymosphaeria elaeagni.

89574 BALDACCI, E., and CORBETTA, G. The disease caused by Sclerotium oryzae. (In Italian.) Riso 1(6): 14-17. July 1952. 59.8 R49

89575 BARIBEAU, B. Verticillium wilt and seed potato certification. Amer. Potato J. 29:157-159. July 1952. 75.8 P842

89576 BAVENDAMM, W. Lenzites abietina (Bull.) Fr. Holz als Roh- u. Werkst. 10:261-262. June 1952. 99.81 H74

89577 BAZZIGHER, G., and FISCHER, F. Über die eichenwelkekrankheit in den USA. Schweiz. Z. f. Forstw. 103:234-238. Ref. June/July 1952. 99.8 J82

89578 BROWN, J. G., and BOYLE, A. M. Safflower rust [Puccinia carthami] appears in Arizona. Plant Dis. Rptr. 36:325-326. Aug.15,1952. 1.9 P69P

89579 CASTELLANI, E. A leaf blotch of Coix lacryma-Jobi L. (In Italian.) Riv. di Agr. Subtrop. e Trop. 46:159-165. Ref. Apr./June 1952. 26 Ag82
English summary.
Curvularia sudanensis proposed for name of causal organism.

89580 CASTELLANI, E. Observations and investigations on olive leaf spot in Sardinia. 1. The premature fall of the leaves. (In Italian.) Olearia 6:154-161. Ref. May/June 1952. 307.8 OL2
English summary.
Cycloconium oleaginum.

89581 CHEREMISIN, V. Method of controlling Sphaerotheca on gooseberries. (In Russian.) Sad i Ogorod 1:41. Jan.1952. 80 Sa13

89582 CICCARONE, A., and CARILLI, A. Field trials for the control of Alternaria porri (Ell.) Saw. f. sp. solani (E. and M pro sp.) Neerg. in the territory of Scafati, Salerno. (In Italian.) Ann. della Sper. Agr. (n.s.)6:1077-1092. Ref. 1952. 16 An76
English summary.
On tomatoes.

89583 CICCARONE, A. Phytopathological notes. III-V. (In Italian.) Ann. della Sper. Agr. (n.s.)6:1065-1076. Ref. 1952. 16 An76
English summary.
III, Observations on the presence of Peronospora pisi (De By.) Syd. in the Province of Caserta; IV, Notes on Cercospora ariminensis Cav.; V, Notes on a 'black end' of apples.

89584 DELOUSTAL, J. Quelques aspects de la lutte contre les parasites des cultures aux U. S. A. Rev. Hort. 124:714-717. May/June 1952. 80 R32

89585 DILLEWIJN, C. VAN. Fusarium pokkahboeng. Internatl. Soc. Sugar Cane Technol. Proc. 7:473-499. Ref. 1950,pub.1951. 65.9 In84
Includes discussion.

89586 DIMOND, A. E., and others. Plant chemotherapy as evaluated by the Fusarium wilt assay on tomatoes. Conn. (State) Agr. Expt. Sta. B. 447,82 p. Ref. Apr.1952. 100 C76St
D. Davis, R. A. Chapman, and E. M. Stoddard, joint authors.

89587 EARHART, R. W. Oat downy mildew found in Florida. Plant Dis. Rptr. 36:338. Aug.15,1952. 1.9 P69P
Sclerospora macrospora.

89588 EDDINS, A. H. Distribution of cabbage yellows [Fusarium oxysporum f. conglutinans] in Florida in 1952. Plant Dis. Rptr. 36:337-338. Aug.15,1952. 1.9 P69P

89589 EDGERTON, C. W. Results of recent investigations in Louisiana on red rot. Internatl. Soc. Sugar Cane Technol. Proc. 7:518-523. 1950,pub.1951. 65.9 In84

89590 EDNEY, L. E. Rust in wheat. Essex Farmers J. 31(6):32-33. Aug.1952. 10 Es72

89591 EFENDITCH, S. Comment prévenir et traiter les maladies cryptogamiques dans les semis de tabac. (In Serbo-Croatian.) Tutun 2:102-107. Mar.1952. 69.8 T88

89592 FERGUS, C. L., YOUNT, W. L., and MORRIS, C. L. A preliminary report of the compatibility of oak wilt fungus [Chalara quercina] isolates in Pennsylvania. Plant Dis. Rptr. 36:327-329. Aug.15,1952. 1.9 P69P

89593 GASSNER, G. Zur frage der übertragung von Cercospora beticola durch das rübensaatgut. Angew. Bot. 26:55-59. Mar.1952. 450 An4

89594 GHILLINI, C. A. Root rot of sugar beets caused by Sclerotium rolfsi. (In Italian.) Indus. Sac. Ital. 45:199-206. Ref. May/June 1952. 65.8 In23

89595 GRASSO, V. Claviceps species on Italian Gramineae. II. (In Italian.) Ann. della Sper. Agr. (n.s.) 6:973-1004. 1952. 16 An76
English summary.

89596 GRASSO, V. Coniferes susceptibles et immunes au Coryneum cardinale Wag. (In Italian.) Italia Forest. e Mont. 7:148-149. May/June 1952. 99.8 It12
French summary.

89597 GUILLEMAT, J. Le "chancre [Stagonospora urenae] de la tige" d'Urena lobata. Coton et Fibres Trop. 7:137-145. First Semes.1952. 73.8 C82

89598 HAENSELER, C. M. Botrytis on kenaf in New Jersey. Plant Dis. Rptr. 36:336. Aug.15,1952. 1.9 P69P

89599 HAFIZ, A. Basis of resistance in gram to Mycosphaerella [M. rabiei] blight. Phytopathology 42: 422-424. Aug.1952. 464.8 P56

89600 HAFIZ, A. Powdery mildew of grape vines. Punjab Fruit J. 15(52):8-9. Oct.1951/Jan.1952. 80 P692

89601 HELLER, E. Schwefel und kupfer im weinbau. Deut. Weinbau 7:230-231. May 20,1952. 390.8 W432

89602 HELTON, A. W. Controlling Coryneum blight of stone fruits. Idaho. Agr. Expt. Sta. Mimeog. L. 120, 2 p. Aug.12,1952. 100 Id12

89603 HES, J. W. Fungi causing cane diseases in Java. J. Sci. Res. 1:6-8. Ref. Jan.1952. 475 J822
Includes Dutch names of diseases with English synonyms.

89604 HEUBERGER, J. W. Organic and copper fungicides for potatoes and their compatibility with DDT. Del. Agr. Expt. Sta. B. 274,18 p. Ref. n.d. 100 D37S

89605 HINKE, F. Versuche zur bekämpfung des raygrasbrandes. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:139-141. Mar.1952. 410.9 G31M
Ustilago decipiens on Arrhenatherum elatius.

89606 HIRT, W. Vorbeugung und hygiene bei der bekämpfung der kraut- und knollenfäule. Gesunde Pflanzen 4:193-195. July 1952. 464.8 G33
Potatoes.

89607 HIRT, W. Zur bekämpfung der kraut- und knollenfäule der kartoffel. Schweiz. Landwirt. Monatsh. 30:213-219. June 1952. 17 Sch93
Phytophthora infestans.

89608 HOCHAPFEL, H. Stand der apfelmehltaubekämpfung. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:77-81. Mar.1952. 410.9 G31M

89609 HOFFMANN, G. Die pasmokrankheit [Septoria linicola] des leins in Mitteldeutschland. Nachbl. f. den Deut. Pflanzenschutzdienst (n.s.)6:107-109. Ref. June 1952. 464.9 N11

89610 HOOKER, A. L., and DICKSON, J. G. Resistance to Pythium [P. debaryanum] manifest by excised corn embryos at low temperatures. Agron. J. 44:443-447. Ref. Aug.1952. 4 Am34P

89611 HUS, P. Control of scab of apples and pears. (In Dutch.) Gent. Landbhogesch. Meded. 17:157-162. Mar.1952. 105.1 G344
Venturia inaequalis and V. pirina.

89612 HUTTON, K. E. Black spot of apple and pear. N. S. Wales. Dept. Agr. Plant Dis. L. 9,8 p. 1951. 464.9 N47
Venturia.

89613 HYRE, R. A. Wind dissemination of Peronospora tabacina. Plant Dis. Rptr. 36:335. Aug.15,1952. 1.9 P69P

89614 ISSA, E. Brown rot and canker of peach. (In Portuguese.) Biológico 18:62-65. Apr.1952. 442.8 B529

89615 JENKINS, M. T., ROBERT, A. L., and FINDLEY, W. R., JR. Inheritance of resistance to Helminthosporium turcicum leaf blight in populations of F progenies. Agron. J. 44:438-442. Aug.1952. 4 Am34P
Corn.

89616 KAREL, G. Die durch Botrytis hervorgerufene fleckenkrankheit auf pferdebohnen. (In Turkish.) Bitki Koruma B. 2:16-22. Ref. 1952. 464.8 B54
German summary.

89617 KIŠPATIĆ, J. Leaf curl of peaches. [Taphrina deformans]. (In Serbo-Croatian.) Biljna Proizvodnja 5: 22-25. Jan./Feb.1952. 64.8 B49

89618 KUBLAN, A. Der gersten- und weizenflugbrand [Ustilago nuda hordei and U. tritici] und seine bekämpfung. Deut. Landwirt. 3:353-354. July 1952. 18 D4822

89619 LAGIERE, R. Possibilités de transmission de la fusariose du cotonnier (F. vasinfectum Atk.) par les graines. Coton et Fibres Trop. 7:146-148. First Semes. 1952. 73.8 C82

89620 LAIBACH, F. Der pappelschüppling (Pholiota destruens) auf einer kanadischen pappel. Nat. u. Volk 81: 318-320. Dec.1,1952. 509 F856

89621 LEIB, E. Beiträge zur wirtschaftlichkeit des pflanzenschutzes; beizversuch gegen weizensteinbrand mit einem neuen quecksilberfreien trockenbeizmittel. Gesunde Pflanzen 4:198-200. July 1952. 464.8 G33

89622 LETNES, A. Spraying against dry rot of potato. (In Norwegian.) Landbrukstidende 58:604. July 30,1952. 11 L236

89623 LIEBSTER. Der kirschenschorf und die sprühflecken oder blattüpfelkrankheit der schattenmorellen. Obstbauberatungsring. Mittbl. 7(3):7-9. June 1,1952. 85 Ob72
Cylindrosporium and Fusicladium cerasi.

89624 LINDQUIST, J. C. "Marvalia sebastianiae," nov. spec., parásita de especies de "Sebastiania." Darwiniana 9:609-611. Dec.1951. 450 D25

89625 LOEWEL, E. L. Der augenblickliche stand der mittelfrage in der Fusikladiumbekämpfung unter besonderer berücksichtigung von netzschwefel und quecksilber. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:68-72. Mar.1952. 410.9 G31M

89626 LOUW, A. J. Studies of the influence of environmental factors on the overwintering and epiphytology of apple scab (Venturia inaequalis (Cke.) Wint.) in the winter-rainfall area of the Cape Province. Union So. Africa. Dept. Agr. Sci. B. 310, 48 p. Ref. 1951. 24 So84S

89627 MCCLELLAN, W. D. Effect of temperature on the severity of Fusarium basal rot [F. oxysporum f. narcissi] in Narcissus. Phytopathology 42:407-412. Aug.1952. 464.8 P56

89628 MCCOLLOCH, L. P., and WORTHINGTON, J. T. Low temperature as a factor in the susceptibility of mature-green tomatoes to Alternaria [A. tenuis] rot. Phytopathology 42:425-427. Aug.1952. 464.8 P56

89629 MALMUS, R. Kupferspritzungen gegen das dürrwerden der rübenblätter infolge Cercosporabefalls. Landwirt. Wchnbl. 142:917-919. Aug.16,1952. 18 L2338
Germany.

89630 MERNY, G. Occurrence of banana leaf-spot disease in the French West Indies. Caribbean Comn. Mon./Inform. B. 6:5-6. Aug.1952. 280.9 C19
Cercospora musae.

89631 MINÍAEVA, O. M. Agrotechnical measures for controlling anthracnose of red clover. (In Russian.) Kormovaía Baza 3(7):54-57. July 1952. 60.8 K84

89632 MIX, W. B. They are not doomed. Horticulture. 30:364-370. Sept.1952. 80 H787
Dutch elm disease.

89633 MONTALDO B., A. El tizón de la papa en Chile. Tractorista 4(26):4-5. Apr./May 1952. 58.8 T676
Phytophthora infestans.

89634 MOORE, M. H. An intensive field method for testing fungicides for apple trees. East Malling Res. Sta. Annu. Rpt. 39:139-147. Ref. 1951,pub.1952. 103 Ea7
Venturia inaequalis test organism.

89635 MOORE, M. H. Note on infection of young peach shoots and of leaves by the brown rot fungus, Monilia fructigena. East. Malling Res. Sta. Annu. Rpt. 39:148. 1951,pub.1952. 103 Ea7

89636 MULDER, D. Neue grundlagen der kienzopfabwehr. Göttingen. U. Forstl. Fakul. Schrreihe. 2:32-35. 1951. 99.9 G71

89637 MUNCIE, J. H. Comparison of certain standard and experimental fungicides in potato late blight control. Amer. Potato J. 29:186-191. Aug.1952. 75.8 P842

89638 NAGEL, C. M. Wheat rust [Puccinia graminis var. tritici] in South Dakota in late June. Plant Dis. Rptr. 36:338. Aug.15,1952. 1.9 P69P

89639 NAKAZAWA, B., and YAMASAKI, I. Studies on Neurospora, grown on trunks of trees which were burned by air raid fire, 1945, in Kyushu. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:143-148. Ref. Nov. 1951. 107.6 K995B
English summary.

89640 NORTH CAROLINA. UNIVERSITY. STATE COLLEGE OF AGRICULTURE AND ENGINEERING. EXTENSION SERV. The Irish potato—late blight story. N. C. Agr. Col. Ext. C. 368,16 p. May 1952. 275.29 N811

89641 PEIRIS, J. W. L. Plant diseases: bakanae disease [Fusarium moniliforme] and foot rot of paddy. Trop. Agr. [Peradeniya] 107:172-175. July/Sept.1951. 26 T751

89642 PETERSON, E. L. Growers can fight black rootrot. Cigar Val. News 2(8):4,7. Aug.1952. 286.89 C482

89643 PIERI, G. New fungicides tested in 1951. (In Italian.) Ann. della Sper. Agr. (n.s.)6:1027-1042. 1952. 16 An76
English summary.

89644 PONTIS VIDELA, R. E. Una podredumbre del cuello de la piña (Ananas comosus (L.) Merr.) en Venezuela causada por "Phytophthora parasitica" Dastur. Acta Cient.Venezol. 3:63. Mar./Apr.1952. 475 Ac83

89645 POWERS, H. R., JR., and LUCAS, G. B. Variation within Phytophthora parasitica var. nicotianae. Plant Dis. Rptr. 36:335-336. Aug.14,1952. 1.9 P69P

89646 PRESLEY, J. T. Colletotrichum [hibisci] tip blight of kenaf: a brief history of the disease. Plant Dis. Rptr. 36:333-334. Aug.15,1952. 1.9 P69P

89647 PUPILLO, M., and CANOVA, A. Contribution to the knowledge of the 'mal dello stacco' [Cytospora corylicola] of hazelnut trees in Sicily. (In Italian.) Ann. della Sper. Agr. (n.s.)6:895-906. 1952. 16 An76
English summary.

89648 RAABE, R. D., and POUND, G. S. Relation of certain environal factors to initiation and development of the white rust [Albugo occidentalis Wilson] disease of spinach. Phytopathology 42:448-452. Aug.1952. 464.8 P56

89649 RAALTE, M. H. VAN. The effect of metal ions on the fungistatic action of sodium dimethyl dithiocarbamate. (In Dutch.) Gent. Landbhogesch. Meded. 17:163-173. Ref. Mar.1952.
English summary.

89650 RAMSEY, G. B., SMITH, M. A., and WRIGHT, W. R. Orange rust [Puccinia aristidae] a serious market disease of Colorado spinach in 1952. Plant Dis. Rptr. 36:323-324. Aug.15,1952. 1.9 P69P

89651 RAMSFJELL, T. Peach leaf curl (Taphrina deformans). (In Norwegian.) Norsk Hagetid. 68:135. Aug.1,1952. 80 N81

89652 RAO, N. V. S. Some organo-mercury compounds of amides & imides as fungicides. J. Sci. & Indus. Res. 11B:8-9. Jan.1952. 475 J82

89653 RAUCOURT, M., and SAYEGH, D. Les fongicides organiques de synthese. Phytoma 5(38):16-19; (39):19-22. May-June/July 1952. 464.8 P563

89654 RICH, S., and HORSFALL, J. G. The relation between fungitoxicity, permeation, and lipid solubility. Phytopathology 42:457-460. Ref. Aug.1952. 464.8 P56

89655 RICHARDS, B. L. Leaf spot, most destructive disease of Italian prune in Utah. Farm & Home Sci. [Utah Sta.] 13:27,46-47. June 1952. 100 Ut1F

89656 ROBERT, A. L. Cultural and pathogenic variability in single-conidial and hyphal-tip isolates of Helminthosporium turcicum Pass. U. S. D. A. Tech. B. 1058,18 p. Ref. July 1952. 1 Ag84Te

89657 ROSELLA, E. Une altération des grains fréquente en 1951: la moucheture et la bouture des céréales. Phytoma 5(38):23-24. May 1952. 464.8 P563
Caused by fungus infection.

89658 ROTH, E. R. Roots of living Pinus rigida decayed by Fomes annosus. Plant Dis. Rptr. 36:330. Aug. 15,1952. 1.9 P69P

89659 ROY, R. Y. A comparison of the mode of action of certain new chloronitrobenzene preparations with that of standard fungicides. Indian Bot. Soc. J. 30:148-180. Ref. 1951. 450 J821

89660 RUSAKOVA, A. A., and RASKIN, S. E. Determining toxicity of fungicides against blight of the sprouting ear of wheat. (In Russian.) Selek. i Semen. 19(3):68-72. Mar.1952. 61.9 Se5

89661 SATTAR, A., and HAFIZ, A. Occurrence and modes of perpetuation of flag smut [Urocystis tritici] of wheat in the Punjab. Pakistan J. Sci. 3:113-118. Ref. July 1951. 475 P172

89662 SCARAMUZZI, G. Peculiar alternariosis of carnation plants. (In Italian.) Not. sulle Mal. delle Piante 18:37-41. Jan./Mar.1952. 464.8 N84
English summary.
Alternaria dianthi and A. dianthicola

89663 SCHMIDT, T. Alternaria dianthicola als erreger einer blütenknospenfäule in Osterreich. Pflanzenschutzberichte 9:1-16. Ref. Aug.1952. 464.9 P48
English summary.

89664 SCHRODTER, H., and KOHLER, H. Untersuchungen über den einfluss der temperatur auf das auftreten des himbeerrutensterbens. Nachbl. f. den Deut. Pflanzenschutzdienst (n.s.)6:109-116. Ref. June 1952. 464.9 N11
Didymella applanata and Leptosphaeria coniothyrium.

89665 SELONKE, P. Gila Valley faces dilemma; Graham County farmers plant seven varieties [cotton] in search for wilt resistant strain. Ariz. Farmer 31(18):1, 10-11. Aug.30,1952. 6 Ar44

89666 SHASHIN, A. Evaluation of cotton seed treatment with granosan under industrial conditions. (In Russian.) Khlopkovodstvo 3:55-57. Mar.1952. 72.8 K522

89667 SMITH, J. D. Fungi and turf diseases. Sports Turf Res. Inst. J. 8:60-66. (Cont.) 1951. 60.19 B772

89668 SNYDER, W. C., BARDIN, R., and GROGAN, R. G. Powdery mildew [Erysiphe cichoracearum] of lettuce reappears in Salinas Valley. Plant Dis. Rptr. 36:321-322. Aug.15,1952. 1.9 P69P

89669 ŠPEHAR, V. A contribution to the biology of the downy mildew of sunflower (Plasmopara halstedii (Farlow) Ber. et de Toni). (In Serbo-Croatian.) Biljna Proizvodnj 5:26-35. Ref. 1952. 64.8 B49
English summary.

89670 STAHL, M. Krankheiten im gemüsegarten. 2. Kosmos 48:279-283. June 1952. 474 K842

89671 STEIB, R. J., and CHILTON, S. J. P. The Phytophthora rot of sugar-cane seed pieces in Louisiana. Internatl. Soc. Sugar Cane Technol. Proc. 7:524-528. 1950,pub.1951. 65.9 In84

89672 STEIB, R. J., and CHILTON, S. J. P. Studies on the infection of sugar-cane stalks by the red-rot fungus, Physalospora tucumanensis in Louisiana. Internatl. Soc. Sugar Cane Technol. Proc. 7:499-502. 1950,pub.1951. 65.9 In84

89673 SUN, S. K. Mango anthracnose and its control experiment. (In Chinese.) Agr. Res. 2(3):83-90. Sept. 1951. 22.5 Ag823
English summary.

89674 TOOLE, E. R., and BOYCE, J. S., JR. Fomes annosus on Atlantic white cedar [Chamaecyparis thyoides]. Plant Dis. Rptr. 36:330. Aug.15,1952. 1.9 P69P

89675 VANIN, S. I., VOLKOV, R. S., and SOKOLOV, D. V. In regard to studying the fungus diseases of acorns. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Nauch. Voprosy Polezashch. Lesorazved. 1:276-284. Ref. 1951. 99.9 Ak1N

89676 VANTERPOOL, T. C. The phenomenal decline of browning root rot (Pythium spp.) on the Canadian prairies. Sci. Agr. 32:443-452. Ref. Aug.1952. 7 Sci2
Cereals.

89677 VERMA, G. S. Wilt disease [Fusarium coeruleum] of Acacia melanoxylon R. Br. Indian Bot. Soc. J. 30:14-27. Ref. 1951. 450 J821

89678 WAGER, V. A. Late blight in tomatoes. Farming So. Africa. 27:333-334,336. June 1952. 24 So842

89679 WAGER, V. A. Leaf-spot disease of celery. Farming So. Africa. 27:335-336. June 1952. 24 So842
Caused by a fungus Septoria apii-graveolentis.

89680 WAGNER, F. Neue ergebnisse zur bekämpfung des zwergsteinbrandes. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:135-138. Mar.1952. 410.9 G31M

89681 WALKER, E. A., ROGERSON, C. T., and JENKINS, A. E. Additional collections of plantain scab [Sphaceloma plantaginis] and violet scab [Sphaceloma violae] from several North Central States. Plant Dis. Rptr. 36:331-332. Aug.15,1952. 1.9 P69P

89682 WANG, S. C. Studies on Physalospora tucumanensis Speg. Internatl. Soc. Sugar Cane Technol. Proc. 7:513-518. 1950,pub.1951. 65.9 In84

89683 WEDRICK, C. D. Roses immune, or nearly so, to blackspot. Amer. Rose Mag. 10(8):18-19. Aug.1952. 80 Am32A

89684 WELLMAN, F. L. Peligro de introducción de la Hemileia del café a las Américas. Turrialba 2:47-50. Apr./June 1952. 8 T86

89685 WILSON, M., and HENDERSON, D. M. Some Scottish smut fungi. Bot. Soc. Edinb. Trans. & Proc. 36:71-73. Ref. 1952. 451 Ed4T

89686 YALE, J. W., JR., and JOHNSTONE, G. R. The occurrence and effects of Cephalothecium roseum on avocado. Calif. Avocado Soc. Ybk. 1951:179-185. Ref. 81 C128

89687 ZAMBETTAKIS, C. Recherches sur l'helminthosporiose de l'oeillette et son traitement. France. Inst. Natl. de la Rech. Agron. Ann. Sér. C, Ann. Epiphyt. 3:11-59. Ref. Jan./Mar.1952. 464.9 F 8 n

89688 ZENTMYER, G. A., and POPENOE, W. Phytophthora cinnamomi on avocado in Honduras. Calif. Avocado Soc. Ybk. 1951:102. 81 C128

89689 ZENTMYER, G. A., and SCHROEDER, C. A. Research on rootstocks resistant to avocado root rot. Calif. Avocado Soc. Ybk. 1951:157-158. 81 C128

89690 ZENTMYER, G. A., and SCHROEDER, C. A. Resistance of subtropical plants to Phytophthora cinnamomi. Calif. Avocado Soc. Ybk. 1951:105-106. 81 C128

Diseases Caused by Bacteria

89691 DELHAYE, R. Les essais pratiques contre la pourriture bacterienne des Richardias. Gent. Landbhogesch. Meded. 17:111-115. Mar.1952. 105.1 G344
English summary.
Due to Bacillus aroideae.

89692 HARRIS, M. R. Here is how to control blight in your pear orchard. Better Fruit 47(3):10,17. Sept. 1952. 80 B46
Fire blight.

89693 MATSUI, C. On the adsorption of Solanacearum phage c on Bact. solanacearum Smith strain S. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:36-39. Nov.1951. 107.6 K995B
English summary.

89694 MATSUI, C. On the relationship between the temperature and activity of Solanacearum phage c. I. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:40-44. Réf. Nov.1951. 107.6 K995B
English summary.

89695 MIRPULATOVA, N. Centralized treatment of cotton seeds. (In Russian.) Khlopkovodstvo 2:25-28. Feb.1952. 72.8 K522
Xanthomonas malvacearum.

89696 NELSON, C. I., and PARSONS, J. L. Family relationships in potato ring rot bacteria. N. Dak. Agr. Expt. Sta. Bimon. B. 14:215-217. July/Aug.1952. 100 N813B

89697 NETHERLANDS. PLANTENZIEKTENKUNDIGE DIENST. Bacterieknobbels bij fruit- en boomkwekerijgewassen [Bacterial knots on fruit and nursery plants]. Netherlands. Plantenziektenk. Dienst. Vlugschr. 51,6 p. May 1952. 464.9 W12V

89698 WALTERS, H. J., and STARR, G. H. Bacterial diseases of beans in Wyoming. Wyo. Agr. Expt. Sta. B. 319,12 p. Ref. July 1952. 100 W99

Viruses and Virus Diseases

89699 AKUNE, S. Studies on the potassium content of virus diseased bodies. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:149-153. Nov.1951. 107.6 K995B
English summary.
Mulberry tree, silk worms and tobacco.

89700 AUSTRALIAN citrus men call it something else. Citrus Leaves 32(9):42. Sept.1952. 80 C492
Bud union decline and grapefruit dimple in Australia same as quick decline in California and tristeza in South America.

89701 AYCOCK, R., and HUGHES, M. B. Sweet potato clones whose roots serve as symptomless carriers of internal cork virus. Phytopathology 42:428-430. Aug.1952. 464.8 P56

89702 BAWDEN, F. C., and FREEMAN, G. G. The nature and behaviour of inhibitors of plant viruses produced by Trichothecium roseum Link. J. Gen. Microbiol. 7:154-168. Ref. Aug.1952. 448.3 J823

89703 BIRAGHI, A. Further contribution to the knowledge of 'rough dwarf' of maize. (In Italian.) Ann. della Sper. Agr.(n.s.)6:1043-1053. Ref. 1952. 16 An76
English summary.

89704 BREMER, H. Salatmosaik. Z. f. Pflanzenkrank. (Pflanzenpath.) u. Pflanzenschutz 59:275-277. Ref. July/Aug.1952. 464.8 Z3

89705 BRIERLEY, P. Indexing the Beltsville mums; a practical method of selecting virus-free plants. Chrysanthemum Soc. Amer. B. 20(3):29-35. July 1952. 81 C46B

89706 CORDÓN, F. M. Transmisión del "beta virus 2" a plantas de Nicotiana tabacum, con un resumen previo de las principales virosis de la remolacha. Microbiol. Españ. 4:169-181. 1951. 448.3 M583
English summary.

89707 ELTER, L. Les maladies à virus du Dahlia. Cour. Hort. 14:317-318. June 1952. 80 C834

89708 FELLOWS, H., SILL, W. H., JR., and MCKINNEY, H. H. Relative abundance of wheat yellow streak-mosaic virus in leaves, crowns, and roots of the wheat plant. Plant Dis. Rptr. 36:319-320. Aug.15, 1952. 1.9 P69P

89709 FULTON, J. P. A tobacco necrosis virus associated with strawberry plants. Plant Dis. Rptr. 36:313-314. Aug.15,1952. 1.9 P69P

89710 FULTON, R. W. Mechanical transmission and properties of rose mosaic virus. Phytopathology 42:413-416. Ref. Aug.1952. 464.8 P56

89711 GIGANTE, R. The masking of tobacco mosaic in the Province of Lecce. Ann. della Sper. Agr. (n.s.)6: 835-844. 1952. 16 An76
English summary.

89712 GONDO, M. Intolerance of virus diseased sweet potato to $KClO_3$ solution. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:32-35. Nov.1951. 107.6 K995B
English summary.

89713 GONZALEZ RIOS, P. and ADSUAR, J. El mosaico o matizado de la caña de azúcar afecta severamente el rendimiento de azúcar en la variedad B-34104. Caña y Azúcar 1(1):17-18. Apr.1952. 65.8 C163

89714 HAHMANN, K., and MÜLLER, H. W. K. Aktuelle pflanzenschutzprobleme im blumen- und zierpflanzenbau. Gesunde Pflanzen 4:201-206. July 1952. 464.8 G33

89715 JUL REYES, G. Marchitez de la remolacha. Simiente 21:31-40. 1951. 9.3 Si4
A virus disease.

89716 KAZANSKII, A. N., and KACHANOVA, E. R. Dangerous virus disease of alfalfa in Kazakhstan. (In Russian.) Sovet. Agron. 10(6):60-67. June 1952. 20 So84

89717 KRISTENSEN, H. R. Potato virus X. (In Danish.) Dansk Landbr. 71:352-353. July 17,1952. 280.28 V91

89718 LIMASSET, P. Quelques remarques sur l'utilisation de la réaction de fixation du complément pour l'étude des maladies à virus des plantes. France. Inst. Natl. de la Rech. Agron. Ann. Sér. C, Ann. des Epiphyt. 3:83-101. Jan./Mar.1952. 464.9 F848An

89719 MARTÍNEZ CORDÓN, F. Nuevos sintomas en el "dock mosaic" causados por el "Rumex virus 1". Microbiol. Españ. 4:109-114. 1951. 448.3 M583

89720 MASSEE, A. M. Transmission of reversion of black currants. East Malling Res. Sta. Annu. Rpt. 39:162-165. 1951,pub.1952. 103 Ea7

89721 MILLER, P. W. Relation of temperature to persistence of strawberry yellows virus complex in strawberry aphid. Plant Dis. Rptr. 36:311-312. Aug.15, 1952. 1.9 P69P

89722 MIYAKAWA, T., and YOSHII, H. Transmission of tobacco mosaic virus by the dodder, Cuscuta japonica and its inhibitory effect on the virus activity. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 12:143-154. Aug. 1951. 107.6 K995B
English summary.

89723 POSNETTE, A. F. New virus diseases of Ribes. East Malling Res. Sta. Annu. Rpt. 39:133-135. 1951,pub.1952. 103 Ea7

89724 POSNETTE, A. F., and CROPLEY, R. A preliminary report on strains of the apple mosaic virus. East Malling Res. Sta. Annu. Rpt. 39:128-130. 1951,pub. 1952. 103 Ea7
Includes transmission by grafting.

89725 POSNETTE, A. F., and CROPLEY, R. The rubbery wood virus and apple propagation. East Malling Res. Sta. Annu. Rpt. 39:131-132. 1951,pub.1952. 103 Ea7

89726 RICH, A. E. Some suggestions for indexing potato tubers. Amer. Potato J. 26:170-172. July 1952. 75.8 P842
To determine virus content.

89727 RICHARDS, B. L. Deep suture—a virus-like disease of sweet cherry. Farm & Home Sci. [Utah Sta.] 13:31,46. June 1952. 100 Ut1F

89728 ROACH, F. A. Virus diseases of top fruits; preventing infection in the nursery. Nurseryman & Seedsman 115:226-227. July 31,1952. 80 N933
Apple and cherry.

89729 RODRIGUEZ LANDAETA, A. Contribución al estudio de la "viruela" del tomate en Venezuela. Acta Cient Venezol. 3:66-67. Mar./Apr.1952. 475 Ac83

89730 ROSEN, H. R. Virus diseases of small grains in Arkansas, 1951-52. Plant Dis. Rptr. 36:315-318. Aug.15,1952. 1.9 P69P
Yellow dwarf and red spot mosaic.

89731 SCHWALB, H. W. Guerra al virus del tabaco. Hacienda 47(9):39-40. Sept.1952. 6 H11

89732 SILL, W. H., JR., and others. Electron microscopy of cucumber virus. Phytopathology 42: 420-422. Aug.1952. 464.8 P56
W. C. Burger, M. A. Stahmann, and J. C. Walker, joint authors.

89733 SILL, W. H., JR., and WALKER, J. C. A strain of cowpea susceptible to systemic infection by various strains of common cucumber mosaic virus. Phytopathology 42:442. Aug.1952. 464.8 P56

89734 SIMPSON, G. W., and others. Procedure in field testing potato seedlings for leafroll resistance. Maine. Agr. Expt. Sta. B. 502,14 p. Ref. May 1952. 100 M28S
R. Bonde, D. Merriam, D. F. Akeley, F. E. Manzer, and C. L. Hovey, joint authors.

89735 STOLL, K. Das kirschbaumsterben im Baselland. 4. Landwirt. Jahrb. der Schweiz (n.s.)1:255-278. Ref. 1952. 17 L23
Pfeffinger disease.

89736 STONER, W. N. Internal cork of sweet potato observed in south Florida. Plant Dis. Rptr. 36:337. Aug.15,1952. 1.9 P69P

89737 TAUBITZ, A. Verminderung der vergilbungsschäden an rüben. Z. f. die Zuckerindus. 2:57-58. Feb. 20,1952. 65.8 D48

89738 TAUBITZ, A. Verminderung der virusschäden an busch- und stangenbohnen. Saatgut-Wirt. 4:158-159. July 1952. 61.8 Sa1

89739 WEINTRAUB, M., GILPATRICK, J. D., and WILLISON, R. S. The effect of certain water-soluble compounds on virus infection. Phytopathology 42: 417-419. Ref. Aug.1952. 464.8 P56
Includes effect of zinc chloride and zinc sulphate.

Diseases Caused by Nematodes

89740 FENWICK, D. W. The estimation of the cyst contents of the potato-root eelworm H[eterodera] rostochiensis. J. Helminthol. 26:55-68. Ref. 1952. 436.8 J82

89741 GOFFART, H. Ansteigen und abklingen der nematodenverseuchung und ihre bewertung im rübenanbau. Zucker 5:315-317. July 15,1952. 65.8 Z82

89742 GOFFART, H. Auf- und abbauende faktoren im massenwechsel zystenbildender nematoden. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:36-40. Mar. 1952. 410.9 G31M

89743 GONZALEZ MENDOZA, R. Especialización de los nematodos de las raices de cafeto; guamo (Inga) y platano. Cent. Nac. de Invest. de Cafe. Bibliot. B. Inform. 3(29):34-37. May 1952. 68.29 C332

89744 GOODEY, J. B. Rotylenchus coheni n. sp. (Nematoda: Tylenchida) parasitic on the roots of Hippeastrum sp. J. Helminthol. 26:91-96. 1952. 436.8 J82

89745 HEY, A. Organisatorische probleme der kartoffelnematodenabwehr. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:43-45. Mar.1952. 410.9 G31M

89746 HIJNER, J. A. The susceptibility of wild beets for Heterodera schachtii. (In Dutch.) Inst. v. Ration. Suikerprod. Meded. 21,13 p. Ref. Apr.1952. 66.9 B45
English summary.

89747 IRTEL, H., ERKILIC, S., and DIKER, T. A report on the situation of root knot-eel worm (Heterodera marioni Cornu) in the Province of Samsun. (In Turkish.) Bitki Koruma B. 2:45-49. 1952. 464.8 B54
English summary.

89748 MAI, W. F., and PETERSON, L. C. Resistance of Solanum ballsii and Solanum sucrense to the golden nematode, Heterodera rostochiensis, Wollenweber. Science 116:224-225. Aug.29,1952. 470 Sci2

89749 MAI, W. F. Susceptibility of Lycopersicon species to the golden nematode [Heterodera rostochiensis] Phytopathology 42:461-462. Aug.1952. 464.8 P56

89750 NOLTE, H. W. Untersuchungen über die stofflichen grundlagen bei nematodenschäden. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:40-42. Mar. 1952. 410.9 G31M

89751 OOSTENBRINK, M. Die grundlagen der nematodenbekämpfung. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:33-36. Mar.1952. 410.9 G31M

89752 PERRY, V. G. The northern root-knot nematode, Meloidogyne hapla, found in Florida and Alabama. Plant Dis. Rptr. 36:335. Aug.15,1952. 1.9 P69P

89753 SCHREIER, O. "Bärtige" rüben. Pflanzenarzt 5(8):5. Aug.1,1952. 464.9 P482
Due to nematodes.

89754 SPRAU, F. Der kartoffelnematode (Heterodera rostochiensis Wollenw.) und seine gefahren für den kartoffelbau. Pflanzenschutz 4:41-46. Apr.1952. 464.8 P48

89755 TARJAN, A. C., and FERGUSON, M. H. Observation of nematodes in yellow tuft of bentgrass. USGA J. & Turf Mangt. 4(2):28-30. June 1951. 60.18 Un32

89756 YOSHII, H., and YAMAMOTO, S. On some methods for the control of the rice nematode disease. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 12:123-131. Aug.1951. 107.6 K995B
English summary.

89757 YOSHII, H. On the growth habit and yield of rice plants affected with Aphelenchoides oryzae. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 12:133-141. Ref. Aug.1951. 107.6 K995B
English summary.

ECOLOGY

89758 BELLOT, F. Sinopsis de la vegetación de Galicia. Madrid. Jard. Bot. An. 10:389-444. Ref. 1951. 451 M262

89759 BIEBL, R. Bodentemperaturen unter verschiedenen pflanzengesellschaften. Osterr. Akad. der Wiss. Math.-Natwiss. Kl. Sitzber. Abt.1. 160:70-90. 1951. 510 V67

89760 BOLOS, O. DE. Algunas consideraciones sobre las especies esteparias en la Peninsula Ibérica. Madrid. Jard. Bot. An. 10:445-453. Ref. 1951. 451 M262

89761 BRAMBLE, W. C., and BYRNES, W. R. Natural growth zones in Pennsylvania in relation to varietal testing of Douglas fir [Pseudotsuga taxifolia]. Pa. Agr. Expt. Sta. Prog. Rpt.,4 p. July 1952. 100 P381P

89762 BRAVO HOLLIS, H., and RAMIREZ CANTU, D. Observaciones floristico-ecologicas en la mesa de San Diego y en su declive oriental hacia la cuenca del Rio Cazones. Mex. Inst. de Biol. An. 22:397-434. Ref. 1951. 442.9 M57

89763 BREEN, R. S., and LIVINGSTON, M. Bryophytes in a Florida beech-magnolia climax forest. (Abs.) Tenn. Acad. Sci. J. 27:202. July 1952. 500 T25A

89764 BUCHWALD, K. Wildrasen- und wiesengesellschaften. Pflanze u. Gart. 2:16-19,22-24. June 1952. 80 P48

89765 CLEMENT, R. C. The salt meadows of Conanicut Island. Gard. Club Amer. B. 40(5):12-14. Sept.1952. 90.32 G16
North of Jamestown, Rhode Island.

89766 COTTA, A. Introduction to plant sociology. (In Italian.) Indus. del Legno 4(5):34-36,38-40. May 1952. 99.82 In2

89767 DUCHAUFOUR, P. Le climax du sol de la chênaie atlantique française. Schweiz. Z. f. Forstw. 103: 201-211. June/July 1952. 99.8 J82

89768 EGGLER, W. A. What is climax in south Louisiana? (Abs.) Tenn. Acad. Sci. J. 27:207. July 1952. 500 T25A

89769 GILLNER, V., and IVARSSON, R. Some impressions from excursions with plant sociologists in NW. Germany 1951. (In Swedish.) Svensk Bot. Tidskr. 46:254-262. Ref. 1952. 450 Sv2

89770 GLENDENING, G. E. Some quantitative data on the increase of mesquite and cactus on a desert grassland range in southern Arizona. Ecology 33:319-329. Ref. July 1952 410 Ec7

89771 GUINOCHET , M. Contribution à l'étude phytosociologique du sud tunisien. Soc. d'Hist. Nat. de l'Afrique du Nord. B. 42:131-153. June/Dec.1951. 410.9 So125

89772 HALE, M. E., JR. Vertical distribution of cryptogams in a virgin forest in Wisconsin. Ecology 33:398-406. July 1952. 410 Ec7

89773 HARDAKER, W. H. An ecological study of the flora of Broadmoor Wood in the Lickey District of Worcestershire. Birmingham Nat. Hist. & Philos. Soc. Proc. 18:31-40. 1951. 501 B53

89774 HERRERA, T. Algunos datos ecológicos sobre la vegetacion de Lerma. Soc. Bot. de Mex. B. 13:1-3. Dec.1951. 451 So125

89775 KILANDER, S. On the ecology of Tholurna dissimilis. (In Swedish.) Svensk Bot. Tidskr. 46:129-130. 1952. 450 Sv2

89776 KLAPP. Sinn und zweck der pflanzensoziologischen grünlandkartierung. Grünland 1:24. Mar.1952. 18 G922
Germany.

89777 KRAMER, P. J., OOSTING, H. J., and KORSTIAN, C. F. Survival of pine and hardwood seedlings in forest and open. Ecology 33:427-430. July 1952. 410 Ec7

89778 KURZ, H., and WAGNER, K. Analysis of a virgin stand of cypress. (Abs.) Tenn. Acad. Sci. J. 27:201. July 1952. 500 T25A

89779 KURZ, H., and WAGNER, K. Magnolia associations in northern Florida. (Abs.) Tenn. Acad. Sci. J. 27: 207. July 1952. 500 T25A

89780 LAMARRE, G. Etude floriste de Québec occidental.II. Rev. d'Oka 26:85-89. May/June 1952. 7 Ok1

89781 LAUR, E. Das klima und die pflanzendecke. Schweiz. Gartztg. 55(28):3-4. July 17,1952. 80 G1939
Switzerland.

89782 MCCULLOUGH, H. A. Studies in the Gothic Natural Area. I. General considerations. (Abs.) Tenn. Acad. Sci. J. 27:207. July 1952. 500 T25A
Forest ecology.

89783 MATHON, C. Note pour attirer l'attention sur le déterminisme écologique de quelques transformations variétales et spécifiques. Soc. de Biogéog. Compt. Rend. 28:135-141. Ref. June/Oct.1951. 505 P216

89784 MERKLE, J. An analysis of a pinyon-juniper community at Grand Canyon, Arizona. Ecology 33:375-384. Ref. July 1952. 410 Ec7

89785 MONTELUCCI, G. The vegetation of Mt. Terminillo (Central Appennines). (In Italian.) Webbia 8:245-379. (Cont.) 1951,pub.1952. 45 W38
Flora, p. 283-379.

89786 MORELLO, J. El Bosque de Algarrobo y la Estepa de Jarilla en el Valle de Santa María (Provinica de Tucumán). Darwiniana 9:315-347. Ref. Dec.1951. 450 D25
English summary.
Ecology.

89787 MOTA, F. S. DA. Program for dividing the State of Rio Grande do Sul into agroclimatic districts. (In Portuguese.) Lav. Arroz. 6(64):7-10,12-17. Apr.1952. 59.8 L39

89788 MUENSCHER, W. C. Weeds appear in Beebe Lake. Cornell Plantations 8:53-55. Summer 1952. 409.6 C812
Ithaca, N. Y.

89789 NITSENKO, A. A. Some erroneous trends of contemporary Anglo-American "dynamic ecology." (In Russian.) Bot. Zhur. 37:381-386. May/June 1952. 451 R923
Plants.

89790 RAMBO, B. Der andinen bestandteil im südbrasilianischen (Rio Grande do Sul) Araukarienwald. (In Portuguese.) An. Bot. 3(3):7-39. June 22,1951. 450 An1
German summary.

89791 RAMBO, B. The spread of rain forests into Rio Grande do Sul. (In Portuguese.) An. Bot. 3(3):55-91. June 22,1951. 450 An1
German summary.

89792 REICHELT, H. Florentypen als hilfe für standortskartierung und waldbau im Mittelgebirge. Wald 2:239-242. Aug.1952. 99.8 W143

89793 RIVAS GODAY, S., and FERNANDEZ-GALIANO F., E. Preclímax y postclímax de origen edáfico. Madrid. Jard. Bot. An. 10:455-517. Ref. 1951. 451 M262

89794 SCHAERFFENBERG, B. Biozönotische regelung. Gesunde Pflanzen 4:191-192. July 1952. 464.8 G33

89795 SHANKS, R. E. Forest composition and species association in the beech-maple forest region of western Ohio. (Abs.) Tenn. Acad. Sci. J. 27:208. July 1952. 500 T25A

89796 SILLANS, R. Contribution à l'étude phytogéographique des savanes du Haut-Oubangui. Soc. Bot. de France.B. 99:2-4. Jan./Mar.1952. 451 F84B

89797 SOÓ, R. Etat actuel des recherches géobotaniques et floristiques en Hongrie. (In Russian.) Acta Biol. 2:415-441. Ref. 1951. 475 Ac85
French summary.

89798 SPURR, S. H. Origin of the concept of forest succession. Ecology 33:426-427. July 1952. 410 Ec7

89799 STEVENS, O. A., and ROCK, L. F. Outline for ecological life history studies of herbaceous plants. Ecology 33:415-422. Ref. July 1952. 410 Ec7

89800 TREPP, W. Die pflanzensoziologie im dienste der aufforstungen und der wald-weide-ausscheidungen im gebirge. Schweiz. Z. f. Forstw. 103:185-201. June/July 1952. 99.8 J82

89801 TRYON, C. A., JR., and JACKSON, D. F. Summer plankton productivity of Pymatuning Lake, Pennsylvania. Ecology 33:342-350. Ref. July 1952. 410 Ec7

89802 WENT, F. W., JUHREN, G., and JUHREN, M. C. Fire and biotic factors affecting germination. Ecology 33:351-364. Ref. July 1952. 410 Ec7
Weeds and chaparral species.

MORPHOLOGY, ANATOMY, AND CYTOLOGY

89803 AKAI, S. Studies on the pathological anatomy of fungus galls of plants. Kyoto U. Col. Agr. Mem. 58, 60 p. Ref. Sept.1951. 107.6 K994

89804 ALBUQUERQUE, R. M., and SERRA, J. A. Nucleolar composition and the nucleolar zones of the chromosomes. Portugaliae Acta Biol. (ser.A)3:187-193. Ref. 1951. 442.8 P83
Includes plants.

89805 ALEKSANDROV, V. G., and ALEKSANDROVA, O. G. Morpho-physiological description of the spike and kernel of wheat. (In Russian.) Akad. Nauk SSSR. Bot. Inst. Trudy. Ser. 7. Morf. i Anat. Rast. 2:112-130. 1951. 451 Ak15T

89806 ALEKSANDROV, V. G., and SAVCHENKO, M. I. On peculiarities of the developmental history of the fruit and seed in the Compositae family. (In Russian.) Akad. Nauk SSSR. Bot. Inst. Trudy. Ser. 7. Morf. i Anat. Rast. 2:5-98. Ref. 1951. 451 Ak15T

89807 ALMEIDA, D. G. DE, ARAUJO, P. A. DE M., and BARROS, E. P. DE. Amount of fibrous elements; comparative measurements of twenty-two botanical species. (In Portuguese.) Brazil. Serv. Florestal. Arq. 4:7-85. Ref. 1950,pub.1951. 451 B733
English summary.

89808 ALPATOV, V. V. On the occurrence of sinistrorse and dextrorse spiral thickenings in plant vessels. (In Russian.) Akad. Nauk SSSR. Dok. 84:1065-1067. June 11,1952. 511 P444A

89809 AMATO, F. D'. New evidence on endopolyploidy in differentiated plant tissues. Caryologia 4:121-144. 1952. 442.8 C25

89810 AOKI, T. On the "soku" unit of ma-dake bamboo stem (Phyllostachys reticulata C. Koch). (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:212-216. Nov.1951. 107.6 K995B
English summary.

89811 ARTÍUSHENKO, Z. T. Development of blossom and fruit in the honeysuckle family [Caprifoliaceae]. (In Russian.) Akad. Nauk SSSR. Bot. Inst. Trudy. Ser. 7. Morf. i Anat. Rast. 2:131-169. Ref. 1951. 451 Ak15T

89812 ARTÍUSHENKO, Z. T., and KONOZALOV, I. N. Morphology of nut type fruits. (In Russian.) Akad. Nauk SSSR. Bot. Inst. Trudy. Ser. 7. Morf. i Anat. Rast. 2:170-192. Ref. 1951. 451 Ak15T

89813 BROWN, S. W. Atypical nucleoli in Luzula campestris. Cytologia 17:86-95. Ref. June 1952. 442.8 C99

89814 BURNS, R. E. Some observations on hard seed in Lupinus angustifolius. (Abs.) Tenn. Acad. Sci. J. 27:200. July 1952. 500 T25A

89815 CHADEFAUD, M. Sur le cycle sexuel des organismes eucaryotes et son évolution. Rev. Sci. 90:49-57. Jan./Feb.1952. 473 R32

89816 COX, H. T. The comparative anatomy of the genus Diapensia. (Abs.) Tenn. Acad. Sci. J. 27:200-201. July 1952. 500 T25A

89817 CRÉTÉ, P. Embryogènie des Liliacées. Developpement de l'embryon chez le Scilla autumnalis L. Acad. des Sci. Compt. Rend. 235:313-316. July 28, 1952. 505 P21

89818 CUÉNOD, A. Du rôle de la feuille dans l'edification de la tige. Soc. des Sci. Nat. de Tunisie.B. 4:3-15. 1951. 515 So14

89819 DATTA, A., and DATTA, D. Microscopical studies on the leaves of Eucalyptus globulus Labill. & three other species grown in India. J. Sci. & Indus. Res. 11B:181-185. May 1952. 475 J82

89820 DAVIES, P. A. Structure and function of the mature glands on the petals of Frasera carolinensis. Ky. Acad. Sci. Trans. 13:228-234. Aug.1952. 500 K41

89821 DIANNELIDIS, T. Cytologische studien an einigen Allium-arten aus Nord-Griechenland. Portugaliae Acta Biol. (ser.A)3:151-170. Ref. 1951. 442.8 P83

89822 DNYANSAGAR, V. R. Embryological studies in the Leguminosae. II. A contribution to the embryology of Mimosa hamata. Indian Bot. Soc. J. 30:100-107. Ref. 1951. 450 J821

89823 DRIVER, C. H. A cytological technique for the study of the genetic fungus Glomerella cingulata. (Abs.) Tenn. Acad. Sci. J. 27:211-212. July 1952. 500 T25A

89824 EUNUS, A. M. Development of the embryo sac and fertilization on Fritillaria pudica Spring. Pakistan J. Sci. Res. 3:106-113, Ref. In Pakistan J. Sci. 3(3). July 1951. 475 P172

89825 FEDOROV, A. A. Cauliflory in Erica arborea L. (In Russian.) Bot. Zhur. 37:374-375. May/June 1952. 451 R923

89826 FOURCROY, M. Au sujet de l'appareil conducteur de l'anthère du Lilium candidum L. Soc. Bot. de France.B. 99:69-72. Jan./Mar.1952. 451 F84B

89827 GHOSH, A. K., and CHAKRAVORTY, A. K. On the nature of the inflorescence-axis of banana. Bot. Soc. Bengal. B. 3:119-122. Oct.1949,pub.Sept.30,1951. 451 B659

89828 GOOD, J. M., JR. Fragment behavior in Tradescantia hirsuticaulis. (Abs.) Tenn. Acad. Sci. J. 27:209. July 1952. 500 T25A

89829 GREBINSKAÍA, M. I. Structure of mulberry seed. (In Russian.) Bot. Zhur. 37:214-219. Ref. Mar./Apr.1952. 451 R923

89830 GUPTA, B., and BAL, S. N. Pharmacognosy of Indian Ephedras. J. Sci. & Indus. Res. 11B:253-255. June 1952. 475 J82
Macroscopic and microscopic characters studied.

89831 GUTIERREZ, M. E. A rare case of teratology in Phalaenopsis sanderiana. Philippine Orchid Rev. 4(3): 22. Dec.1951. 80 P53

89832 HEIM, P. Observations sur le noyau des Ascomycètes. Rev. de Mycol. 17:3-38. Ref. Apr.1,1952. 450 An74

89833 HIRAOKA, T. Observational and experimental studies of meiosis with special reference to the bouquet stage. IX. Suction force and permeability to urea of spore mother cells undergoing meiosis. Cytologia 17:6-13. Ref. June 1952. 442.8 C99
Cyrtomium fortunei.

89834 ÍAKOVLEV, M. S. On some characteristic features of morphogenesis in higher plants. (In Russian.) Akad. Nauk SSSR. Bot. Inst. Trudy. Ser. 7. Morf. i Anat. Rast. 2:243-267. Ref. 1951. 451 Ak15T

89835 ÍAKOVLEV, M. S. On the similarity of embryogenesis in angiospermous and gymnospermous plants. (In Russian.) Akad. Nauk SSSR. Bot. Inst. Trudy. Ser. 7. Morf. i Anat. Rast. 2:356-363. Ref. 1951. 451 Ak15T
Investigation on Paeonia spp.

89836 ISHIDA, Y. Cytological studies on Morus. Chromosome number of some mulberry trees. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:49-52. Nov.1951. 107.6 K995B
English summary.

89837 ISLAM, A. S. Fasciation in Benincasa cerifera Savi. Sci. & Cult. 18:35. July 1952. 475 Sci24

89838 KANASAWA, K., and KAGAWA, A. On the differentiation of flower-buds in the varieties of B. juncea Coss. and B. cernua Homsl. (In Japanese.), Kyushu U. Facul. Agr. Sci. B. 13:100-105. Ref. Nov. 1951. 107.6 K995B
English summary.

89839 KHAN, M. I. Study of somatic chromosomes in some Acacia species and hybrids. Pakistan J. Sci. Res. 3:89-100. In Pakistan J. Sci. 3(3). July 1951. 475 P172

89840 KONOVALOV, I. N., and ARTÍUSHENKO, Z. T. Morphology of pod and berry type fruits. (In Russian.) Akad. Nauk SSSR. Bot. Inst. Trudy. Ser. 7. Morf. i Anat. Rast. 2:193-220. Ref. 1951. 451 Ak15T

89841 KRAPOVICKAS, A., and KRAPOVICKAS, A. M. F. DE. Notas citológicas sobre Leguminosas. Darwiniana 9:612-613. Dec.1951. 450 D25

89842 KUMAR, L. S. S., and VISHVESHWARAIAH, S. Sex mechanism in Coccinia indica Wight and Arn. Nature [London] 170:330-331. Aug.23,1952. 472 N21

89843 LI, H. W., and MA, T. H. Cytological studies of sugar cane and its relatives. VIII. Accessory chromosomes of Miscanthus japonicus, Anders. Internatl. Soc. Sugar Cane Technol. Proc. 7:277-285. Ref. 1950,pub. 1951. 65.9 In84

89844 LIER, F. G. A comparison of the three-dimensional shapes of cork cambium and cork cells in the stem of Pelargonium hortorum Bailey (concluded). Torrey Bot. Club B. 79:371-392. Ref. Sept./Oct.1952. 451 T63B

89845 LÜBBERT, G. Vergleichende cytologische, morphologische und physiologische untersuchungen innerhalb der gattung Diplotaxis. Beitr. z. Biol. der Pflanzen 28:254-295. Ref. 1951. 450 C66

89846 MANZHOS, A. M. Peculiarities of development of the female gametophyte in Siberian larch [Larix sibirica] during cross- and selfpollination. (In Russian.) Akad. Nauk SSSR. Dok. 85:421-424. Ref. July 11,1952. 511 P444A

89847 MATSUMURA, S. Chromosome analysis of the Dinkel genome in the offspring of a pentaploid wheat hybrid. III. 29-chromosome D-haplosomics and their relations to nullisomics. Cytologia 17:35-49. Ref. June 1952. 442.8 C99

89848 MENDES, E. J., and RIJO, L. A new interpretation for "cytomixis." Portugaliae Acta Biol. (ser.A)3: 211-218. Ref. 1951. 442.8 P83
Tests made with Aloë sp.

89849 MIDDLEBROOK, M. J., and PRESTON, R. D. Spiral growth and spiral structure. IV. Growth studies and mechanical constants in the cell wall. Biochim. et Biophys. Acta 9:115-126. Ref. Aug.1952. 381 B522
Phycomyces.

89850 MISRO, B. An anatomical peculiarity in rice (Oryza sativa). Cur. Sci. 21:187. July 1952. 475 Sci23

89851 MORTLOCK, C. The structure and development of the hydathodes of Ranunculus fluitans Lam. New Phytol. 51:129-138. Ref. Aug.1952. 450 N42

89852 MULLAHY, J. H. The morphology and cytology of Lemanea australis Atk. Torrey Bot. Club. B. 79: 393-406. (Cont.) Sept./Oct.1952. 451 T63B

89853 NORO, K., and INOUE, T. Morphological studies of olive tree. I. (In Japanese.) Kagawa- Ken Agr. Col. Tech. B. 3:135-139. Mar.1952. 107.6 K113
English summary.

89854 ORDINA, N. A. On methods of studying meristematic activity [in grain]. (In Russian.) Akad. Nauk SSSR. Dok. 84:825-828. June 1,1952. 511 P444A

89855 PAL, N. Studies in the embryology of some Verbenaceae. Indian Bot. Soc. J. 30:59-74. Ref. 1951. 450 J821

89856 PANTULU, J. V. Studies in Caesalpiniaceae II. Development of the endosperm and embryo in Cassia occidentalis L. Indian Bot. Soc. J. 30:95-99. 1951. 450 J821

89857 PARDATSCHER, G. Protoplasmatische studien an blütenzellen von Dahlia. Portugaliae Acta Biol. (ser.A) 3:171-186. Ref. 1951. 442.8 P83

89858 PHOUPHAS, C. Développement du proembryon chez le Gynandropsis pentaphylla DC. (Capparidacées) Soc. Bot. de France.B. 99:18-20. Jan./Mar.1952. 451 F84B

89859 POPE, W. K., and LOVE, R. M. Comparative cytology of colchicine-induced amphidiploids of interspecific hybrids: Agropyron trichophorum x Triticum durum, T. timopheevi and T. Macha. Hilgardia 21: 411-429. Ref. May 1952. 100 C12H

89860 RAO, C. V. Contributions to the embryology of Sterculiaceae. III. Melochia corchorifolia L. Indian Bot. Soc. J. 30:122-131. Ref. 1951. 450 J821

89861 RAO, T. A., and KULKARNI, G. Y. Foliar sclereids in the Oleaceae. III. Ontogeny of the sclereids in two species of the genus Olea L. Bombay. U. J. Sect. B, Biol. Sci. (n.s.)20(5):52-57. Ref. Mar.1952. 513 B633

89862 RAO, T. A. Studies on foliar sclereids. Indian Bot. Soc. J. 30:28-39. Ref. 1951. 450 J821

89863 RAUH, W. Morphologische und histogenetische beobachtungen an verlaubten fruchtblättern von Prunus paniculata Thb. Beitr. z. Biol. der Pflanzen 28:160-172. 1951. 450 C66

89864 RESENDE, F., and MANARTE, M. Physiological changes as the cause of mutations. Portugaliae Acta Biol. (ser.A)3:219-233. Ref. 1951. 442.8 P83
Tests with Allium cepa and Aloë mitriformis var. commelini.

89865 RICHHARIA, R. H., and ROY, R. P. A note on the anatomy of the leaf of the simple-leaved mutant in gram (Cicer arietinum Linn.) Indian Bot. Soc. J. 30:80-82. 1951. 450 J821

89866 RIVIÈRE, S. Vérification "in situ" de la vascularisation de l'anthère de lis au niveau de l'insertion du connectif. Soc. Bot. de France.B. 99:72-75. Jan./Mar. 1952. 451 F84B

89867 SAMPATH, S., and RAMANATHAN, K. Pollen grain sizes in Oryza. Indian Bot. Soc. J. 30:40-48. 1951. 450 J821

89868 SCHROEDER, C. A. Flower bud development in the avocado. Calif. Avocado Soc. Ybk. 1951:159-163. 81 C128

89869 SINHA, N. P. The somatic chromosomes of Nicandra. Indian Bot. Soc. J. 30:92-94. 1951. 450 J821

89870 SKALINSKA, M. Cytological studies in Gentiana-species from the Tatra and Pieniny Mts. Akad. Umiej. Wydz. Mat. Przyrodniczy. Compt. Rend. 1/2:6-7. Jan./Feb.1951. 512 K85C

89871 SOUEGES, R. L'albumen et l'embryon chez le Callitriche vernalis Kuetz (C. verna L.). Acad. des Sci. Compt. Rend. 235:453-456. Aug.18,1952. 505 P21

89872 STEINMANN, E. Contribution to the structure of granular chloroplasts. Experientia 8:300-301. Aug. 15,1952. 475 Ex7

89873 STOUT, A. B. Reproduction in Petunia. Torrey Bot. Club. B. 20(3),202 p. Ref. Mar.7,1952. 451 T63M

89874 STRAKA, H. Zur feinmorphologie des pollens von Salix und von Artemisia. Svensk Bot. Tidskr. 46:204-227. Ref. 1952. 450 Sv2

89875 SUGIMOTO, T. Cytogenetical studies on the sterile wild senna (Cassia tora L.) produced by atomic bomb explosion. I. Morphological observations on the asynaptic sterile plant. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:14-19. Ref. Nov.1951. 107.6 K995B
English summary.

89876 TAKAGI, T. Morphological polarity of the poplar trees in stem cuttings. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:248-253. Ref. Nov.1951. 107.6 K995B
English summary.

89877 THOMPSON, E. C. Anatomical studies of stems and roots of hardy fruit trees. V. The histology of the roots of the apple Malling Crab C when budded with certain scion and rootstock varieties. East Malling Res. Sta. Annu. Rpt. 39:76-81. 1951,pub.1952. 103 Ea7

89878 TURKOVIĆ, Z. The female flower of Belandieri X Riparia Kober 5BB. (In Serbo-Croatian.) Biljna Proizodnja 5:35-40. Jan./Feb.1952. 64.8 B49
German summary.

89879 UENO, J. Morphology of pollen of Metasequoia, Sciadopitys and Taiwania. Osaka City U. Inst. Polytech. J. Ser. D, Biol. 2:22-27. Ref. Dec.1951. 442.9 Os1

89880 VAZART, J. Structure de l'archégone et déroulement de la fécondation chez quelques Polypodiacées. Acad. des Sci. Compt. Rend. 235:316-318. July 28,1952. 505 P21

89881 VIKHIREVA, V. V. Seed development in the buckthorn family [Rhamnaceae]. (In Russian.) Akad. Nauk SSSR. Bot. Inst. Trudy. Ser. 7. Morf. i Anat. Rast. 2:221-227. Ref. 1951. 451 Ak15T

89882 WARDROP, A. B. Formation of new cell walls in cell division. Nature [London] 170:329. Aug.23, 1952. 472 N21
In Grevillea robusta and Pinus pinaster.

89883 WCISŁO, H. Cytological and embryological studies in Doronicum L. Akad. Umiej. Wydz. Mat.-Przyrodniczy. Compt. Rend. 3/4:13-14. Mar./Apr.1951. 512 K85C

89884 WILSON, C. M. Sexuality in the Acrasiales. Natl. Acad. Sci. Proc. 38:659-662. Ref. Aug.1952 500 N21P

GENETICS

89885 BALASUBRAHMANYAN, R. Inheritance of seed coat colour in gram (Cicer arietinum) Indian J. Agr. Sci. 21:239-243. Sept.1951 22 Ag83I

89886 BALASUBRAHMANYAN, R. Mutation in gram (Cicer arietinum). Indian J. Agr. Sci. 21:109-112. Ref. June 1951. 22 Ag83I

89887 CHERNENKO, E. S. Change of morphological and physiological properties in pear X apple hybrid under the influence of the mentor. (In Russian.) Akad. Nauk SSSR. Dok. 85:199-202. Ref. July 1,1952. 511 P444A

89888 CHEVALIER, C. On the reciprocal action of the parents among the Bromeliaceae. Bromeliad Soc. B. 2:39-41,48. July/Aug.1952. 451 B78

89889 CRANE, M. B., and LAWRENCE, W. J. C. The genetics of garden plants. Ed. 4. London,Macmillan, 1952. 301 p. 463.6 C85

89890 DEODIKAR, G. B. Cytogenetic studies on crosses of Gossypium anomalum with cultivated cottons. II. Substitution and addition of anomalum chromosomes to the genome of cultivated tetraploid cottons. Indian J. Agr. Sci. 20:399-414. Ref. Dec.1950,pub.1952. 22 Ag83I

89891 DIWAKARAN, K., RAO, P. K., and KRISHNASWAMY, V. "Earless," a new Mendelian character in ragi (Eleusine coracana Gaertn.) Cur. Sci. 21:191-192. July 1952. 475 Sci23

89892 GADKARI, P. D. Further studies in the genetics of lintlessness in Asiatic cottons. Indian J. Agri. Sci. 20:415-430. Ref. Dec.1950,pub.1952. 22 Ag83I

89893 HAARER, A. E. Chromosomes and genes affect us all. Fruit-Grower 2952:137-138. July 24,1952. 80 F941

89894 HASKINS, F. A., and MITCHELL, H. K. An example of the influence of modifying genes in Neurospora. Amer. Nat. 86:231-238. July/Aug.1952. 470 Am36

89895 HILDEBRAND, E. M. A neglected article of Luther Burbank. Amer. Nat. 86:253. July/Aug.1952. 470 Am36
"Another mode of species forming" published in 1909.

89896 IWASA, S. On the artificially raised abc tri-genomic triploid and hexaploid species-hybrids in Brassica. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:90-99. Nov.1951. 107.6 K995B
English summary.

89897 LAMPRECHT, H. Uber chlorophyllmutanten bei Pisum und die vererbung einer neuen, goldgelben mutante. Agr. Hortique Genet. 10:1-18. Ref. 1952. 64.8 Ag8
English summary.

89898 LAMPRECHT, H. Weitere koppelungsstudien an Pisum sativum, insbesondere im chromosom II (Ar). Agr. Hortique Genet. 10:51-74. Ref. 1952. 64.8 Ag8
English summary.

89899 LI, H. W., CHENG, C. F., and LEUNG, T. C. Genetical analysis of the hybrids obtained in crossing P.O.J. 2725 and Miscanthus japonicus. Internatl. Soc. Sugar Cane Technol. Proc. 7:266-276. 1950,pub.1951. 65.9 In84
Includes discussion.

89900 LOH, C. S., and HU, T. H. The generic cross of Saccharum-Miscanthus. Internatl. Soc. Sugar Cane Technol. Proc. 7:243-254. Ref. 1950,pub.1951. 65.9 In84

89901 MAUGINI, E. Cytogenetic researches on the anthers of two hybrids of Pyrus and of the parent plants. (In Italian.) Caryologia 4:295-310. Ref. 1952. 442.8 C25
English summary.

89902 MENZEL, M. Y., and BROWN, M. S. Deficiency-duplications from a chromosome translocation in cotton. (Abs.) Tenn. Acad. Sci. J. 27:212. July 1952. 500 T25A

89903 MENZEL, M. Y. Spontaneous somatic reduction in chromosome number in polygenomic Gossypium hybrid. (Abs.) Tenn. Acad. Sci. J. 27:212-213. July 1952. 500 T25A

89904 MILLINGTON, A. J. The contribution of the plant breeder to more productive crops and pastures. Westral. Farmers' Co-op Gaz. 22(403,stud stock sup.): 25,27-28. June 1952. 280.28 W522

89905 NOHE, E. Zu entwicklungstendenzen in der pflanzenzüchtung. Saatgut- Wirt. 4:140-141. (Concl.) June 1952. 61.8 Sa1

89906 RAGHAVAN, T. S. Sugarcane X bamboo hybrids. Nature [London] 170:329-330. Aug.23,1952. 472 N21

89907 RAGIONIERI, C. The miracle of hybridization in the plant and animal field. (In Italian.) Allevatore 8 (32):3. Aug.10,1952. 49 AL55

89908 RENNER, O. Zur genetik von Oenothera und Epilobium. Z. f. Natforsch. 7b:368-371. June 1952. 474 Z3

89909 SCHLÖSSER, L. A. Polyploidie in der zuckerrübenzüchtung. Deut. Landwirt.-Gesell. Mitt. 67:551-552. Aug.2,1952. 18 N39

89910 SINOIR, Y. Génétique et cytotaxonomie des Bryophytes. Rev. Bryologique et Lichénologique (n.s.)21: 32-45. Ref. 1952. 450 R325

89911 THOMAS, M. Back crossing; the theory and practice of the backcross method in the breeding of some non-cereal crops. Commonwealth Bur. Plant Breeding and Genet. Tech. Commun. 16,136 p. Ref. 1952. 64.9 C73

89912 TOKUMASU, S. Male-sterility in Japanese radish (Raphanus sativus L.). (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:83-89. Ref. Nov.1951. 107.6 K995B
English summary.

89913 WARNER, J. N. A method for estimating heritability. Agron. J. 44:427-430. Ref. Aug.1952. 4 Am34P

89914 ZDRUĬKOVSKAĬA, A. I. In regard to vegetative hybridization of lemon. (In Russian.) Bot. Zhur. 37: 212-214. Ref. Mar./Apr.1952. 451 R923

89915 ZIMMERMANN, K. Technik der pflanzenzüchtung und des versuchswesens. Ed. 2. Leipzig,Hirzel, 1952. 158 p. 64 Z62

PHYSIOLOGY

89916 ADATIA, R. D., and SHAH, G. L. A contribution to the life-history of Coriandrum sativum Linn. Bombay. U. J. Sect. B, Biol. Sci. (n.s.)20(5):34-46. Ref. Mar.1952. 513 B633

89917 AGTHE, C. Über die physiologische herkunft des pflanzennektars. Bern,Büchler,1951. 240-274 p. 463.3 Ag8
Promotionsarbeit - Eidgenössische Technische Hochschule, Zürich.

89918 ALEKSANDROV, V. G., SAVCHENKO, M. I., and DEMETRADZE, T. IA. On structural changes in tissues originating under the influence of substances which stimulate growth and development. (In Russian.) Akad. Nauk SSSR. Bot. Inst. Trudy. Ser. 7: Morf. i Anat. Rast. 2:99-111. Ref. 1951. 451 Ak15T
Effect of heteroauxin on rooting of cuttings of Olea europea, O. fragrans, and Machilus thunbergii.

89919 ALEKSEEV, A. M. Relation of photosynthesis to water regime of the leaf. (In Russian.) Akad. Nauk SSSR. Izv. Ser. Biol. 3:105-113. May/June 1952. 511 Sa2B
Experiments with lilac leaves.

89920 ALEXANDER, D. E. Relation of environment and position of ear to kernel row number in corn. Agron. J. 44:430-433. Aug.1952. 4 Am34P

89921 ANDREANSZKY, G. La pollinisation par le vent et la pollinisation par les insectes dans l'histoire du développement des forets. Acta Biol. 2:355-367. 1951. 475 Ac85

89922 AYERS, A. D., ALDRICH, D. G., and COONY, J. J. Sodium and chloride injury of Fuerte avocado leaves. Calif. Avocado Soc. Ybk. 1951:174-178. 81 C128

89923 BADENHUIZEN, N. P. Plant growth-regulators. South. African Weed Control Conf. Proc. 1:7-11. Ref. 1950,pub.1951. 79.9 So82

89924 BAGDASARASHVILI, Z. G. In regard to salt resistance of grape vine. (In Russian.) Pochvovedenie 6: 551-561. Ref. June 1952. 57.8 P34

89925 BEATTY, A. V. Mechanism of X-ray effects in the production of chromosomal aberrations. (Abs.) Tenn. Acad. Sci. J. 27:208-209. July 1952. 500 T25A
Tests with Tradescantia paludosa.

89926 BENSIN, B. M. Experiments with colchicine treatment of potatoes in Alaska. Amer. Potato J. 29:165-169. July 1952. 75.8 P842

89927 BERDUCOU, J. Le rôle de l'acide indol-β-acétique dans la formation des chancres parasitaires chez les végétaux. Acad. des Sci. Compt. Rend. 235: 309-311. July 28,1952. 505 P21

89928 BHARUCHA, F. R., and DUBASH, P. J. Studies in nitrophily. II. Nitrophilous plants of Bombay. Indian Bot. Soc. J. 30:83-87. 1951. 450 J821

89929 BIRON, R. A. Roots tell the story. Down to Earth 8(2):9-11. Fall 1952. 381 D75

89930 BOLZ, H. M. Der einfluss der infraroten strahlung auf das mikroklima. Berlin,Akademie-Verlag, 1951. 59 p. (Germany (Democratic Republic, 1949-) Meteorologische Dienst. Abhandlungen 7) 340 B634

89931 BORTHWICK, H. A., and others. A reversible photoreaction controlling seed germination. Natl. Acad. Sci. Proc. 38:662-666. Aug.1952. 500 N21P
S. B. Hendricks, M. W. Parker, E. H. Toole, and V. K. Toole, joint authors.

89932 BOURNE, B. A. Physiological effects of soil phosphorus deficiency and excess on sugar cane on low-mineral peat soil. Internatl. Soc. Sugar Cane Technol. Proc. 7:233-242. 1950,pub.1951. 65.9 In84
In Florida Everglades.

89933 BRANDES, E. W. Changes in seasonal growth gradients in geographically displaced sugar cane. Internatl. Soc. Sugar Cane Technol. Proc. 7:1-32. Ref. 1950,pub.1951. 65.9 In84

89934 BRETT, P. G. C. Flowering and pollen fertility in relation to sugar-cane breeding in Natal. Internatl. Soc. Sugar Cane Technol. Proc. 7:43-56. Ref. 1950,pub.1951. 65.9 In84

89935 BRIGGS, G. E., and WHITTINGHAM, C. P. Factors affecting the rate of photosynthesis of Chlorella at low concentrations of carbon dioxide and in high illumination. New Phytol. 51:236-249. Ref. Aug.1952. 450 N42

89936 BRINGHURST, R. S. Influence of glasshouse conditions on flower behavior of Hass and Anaheim avocados. Calif. Avocado Soc. Ybk. 1951:164-168. 81 C128
Effect of temperature.

89937 BURG, A. H. VAN DER. Influence of light on the absorption of potassium by maize plants in carbon dioxide free air. Nederland. Akad. Van Wetensch. Proc. Ser. C. Biol. & Med. Sci. 55:279-281. 1952. 442.9 Am8

89938 BURKART, A. Un árbol "artillero" y mirmecófilo de la flora argentina, del género "Sebastiania" [S. klotzschiana]. Darwiniana 9:614. Dec.1951. 450 D25

89939 BURTON, G. W. The immediate effect of gametic relationship upon seed production in pearl millet, Pennisetum glaucum. Agron. J. 44:424-427. Aug.1952. 4 Am34P

89940 CAMERON, J. W., and SOOST, R. K. Tree size, yield and fruit characters in old lines and nucellar lines of citrus. Calif. Citrog. 37:428,440,442-444. Sept.1952. 80 C125

89941 CAROCCI-BUZI, C. Study of the floral biology of the olive varieties grown in Liguria. (In Italian.) Olivicoltura 7(5):6-12. (Cont.) May 1952. 80 OL42

89942 CAROCCI-BUZI, C. Study of the floral biology of the olive varieties in Liguria. (In Italian.) Olivicoltura 7(6):9-15. June 1952. 80 OL42

89943 CHAPMAN, G. W. Plant hormones and yield in Hevea brasiliensis. Rubber Res. Inst. Malaya. J. 13: 167-176. Dec.1951. 78.9 R824J

89944 CHHONKAR, V. S. Effect of nitrogen fertilization on the area and colour of the leaves of peach trees. Indian J. Hort. 9(2):1-7. June 1952. 80 In2

89945 CHIRKOVSKIĬ, V. I. Formation of tobacco seeds in relation to position of pods in the inflorescence. (In Russian.) Akad. Nauk SSSR. Dok. 85:225-228. July 1, 1952. 511 P444A

89946 CIFERRI, F. Relations between winter sprays of fruit trees and water content of branchlets. (In Italian.) Not. sulle Mal. delle Piante 18:20-26. Ref. Jan./Mar. 1952. 464.8 N84
English summary, p. 56.

89947 CIFERRI, F. Teratological phenomena produced by 2,4-D on corn plant. (In Italian.) Not. sulle Mal. delle Piante 18:26-31. Jan./Mar.1952. 464.8 N84
English summary.

89948 CIFERRI, R. Development of seedlings of rice and wheat under microaerobic cultural conditions. (In Italian.) Riso 1(6):5-8. Ref. July 1952. 59.8 R49
Includes effects of methane.

89949 COOPER, D. C. The transfer of desoxyribose nucleic acid from the tapetum to the microsporocytes at the onset of meiosis. Amer. Nat. 86:219-229. Ref. July/Aug.1952. 470 Am36
Tests made with Lilium spp.

89950 CUA, L. D. Some observations on heading and blooming of diploid and autotetraploid rice (Oryza sativa L.) Kyushu U. Facul. Agr. Sci. B. 13:1-5. Nov.1951. 107.6 K995B

89951 CZAJA, A. T. Über den einfluss der düngung auf die faserentwicklung der Yucca-pflanze. Mater. Veg. 1:75-106. Ref. July 1,1952. 64.8 M41

89952 CZARNOWSKI, C. VON. Untersuchungen zur frage der nektarabsonderung (vorläufige mitteilung). Z. f. Bienenforsch. 1:171-173. July 1952. 424.8 Z3

89953 DANILOVA, M. F. On the nature of polythalamic tomato [Lycopersicon esculentum] fruits. (In Russian.) Akad. Nauk SSSR. Bot. Inst. Trudy. Ser. 7. Morf. i Anat. Rast. 2:234-242. Ref. 1951. 451 Ak15T

89954 DASTUR, R. H. Investigations on the 'bad opening' of bolls in Sind-American cotton in Sind. II. Optimum sowing periods for cotton. Indian J. Agr. Sci. 20:431-442. Dec.1950,pub.1952. 22 Ag83I

89955 DEMETRADZE, T. IA. In regard to investigating the causes for the difficult rooting of cuttings of some valuable subtropical crops. (In Russian.) Akad. Nauk SSSR. Bot. Inst. Trudy. Ser. 7. Morf. i Anat. Rast. 2:228-233. 1951. 451 Ak15T

89956 DETTWEILER, C. Keimhemmungsmittel und physiologie der kartoffelknolle. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:90-92. Mar.1952. 410.9 G31M

89957 DEYSSON, M. Action de l'uracile sur la division cellulaire chez l'Allium cepa L. Soc. Bot. de France. B. 99:51-53. Jan./Mar.1952. 451 F84B

89958 DOMAN, N. G. In regard to the nature of intermediate products of photosynthesis. (In Russian.) Akad. Nauk SSSR. Dok. 84:1017-1020. June 11,1952. 511 P444A
Experiments with leaves of Phaseolus vulgaris.

89959 DOMAN, N. G. On the rate of the primary reaction of [radioactive] carbon dioxide conversion in the process of photosynthesis. (In Russian.) Akad. Nauk SSSR. Dok. 85:607-610. Ref. July 21,1952. 511 P444A
Experiments with bean leaves.

89960 DUBÉ, J. F. Observations on a chlorophyll-deficient strain of Chlorella vulgaris obtained after treatment with streptomycin. Science 116:278-279. Sept.12,1952. 470 Sci2

89961 DUSHECHKIN, V. I. Biological causes which determine the frost resistance of perennial grasses. (In Russian.) Akad. Nauk SSSR. Dok. 85:207-210. Ref. July 1,1952. 511 P444A

89962 EGLE, K. Uber die wirkung von vitamin C auf die kohlensäureassimilation und die atmung submerser wasserpflanzen. Beitr. z. Biol. der Pflanzen 28:145-159. Ref. 1951. 450 C66

89963 EHRENHARDT, H. Untersuchungen über die wirkung des gamma-hexa auf kulturpflanzen bei verschiedenen anwendungsverfahren. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:116-122. Mar.1952. 410.9 G31M
Effect of benzene hexachloride.

89964 EICHE, E., and ZILE, M. 2,4-Dichlorphenoxylacetic acid as an auxin and herbicide. (In Latvian.) Latv. PSR Zinātņu Akad. Vest. 3:433-442. 1951. 511 R442
Russian summary.

89965 ÉNGEL', O. S. Change in sensitivity of wheat seeds to radiation in relation to duration of swelling. (In Russian.) Akad. Nauk SSSR. Dok. 85:229-231. Ref. July 1,1952. 511 P444A

89966 ÉNGEL', O. S. Sensitivity of potato tuber tissues to X-rays in relation to physiological condition of the tubers. (In Russian.) Akad. Nauk SSSR. Dok. 85:437-439. Ref. July 11,1952. 511 P444A

89967 EN'KOVA, E. N. Effect of late spring frosts on growth of oak in height. (In Russian.) Lesn. Khoz. 4 (12):29-32. Dec.1951. 99.8 L5622

89968 FLEROV, A. F., and KOVALENKO, E. I. Anatomical changes in tissues of grapevine cuttings effected by a-naphthaleneacetic acid. (In Russian.) Akad. Nauk SSSR. Dok. 85:433-436. July 11,1952. 511 P444A

89969 FLEROV, A. F., and KOVALENKO, E. I. Effect of a-naphthaleneacetic acid on the movement of sugars in grapevine cuttings. (In Russian.) Akad. Nauk SSSR. Dok. 85:221-224. July 1,1952. 511 P444A

89970 FLEURY, C. Action de la thio-urée sur l'Aspergillus niger van Tgh. Effet acidogène. Arch. des Sci. 5:109-112. 1952. 475 Ar23

89971 FROHBERGER, E. Zur wirkung der 2,4-dichlorphenoxyessigsäure auf gewebe und stoffwechsel der pflanzen. Höfchen- Briefe f. Wiss. u. Praxis 4:236-287. Ref. 1951. 464.8 H67

89972 GAL'CHENKO, I. N. Role of light in root lodging of wheat. (In Russian.) Akad. Nauk SSSR. Dok. 84:1069-1072. June 11,1952. 511 P444A

89973 GERASIMOVA-NAVASHINA, E. N. Pollen grain, gametes and reproduction in angiospermous plants. (In Russian.) Akad. Nauk SSSR. Bot. Inst. Trudy. Ser. 7. Morf. i Anat. Rast. 2:294-355. Ref. 1951. 451 Ak15T

89974 GLADKIĬ, P. P. Effect of heteroauxin on economic characteristics of oil flax in connection with the water regime. (In Russian.) Akad. Nauk SSSR. Dok. 84:817-820. Ref. June 1,1952. 511 P444A

89975 GOODING, E. G. B. Preliminary studies on the physiology of latex experimental work. Rubber Res. Inst. Malaya. J. 13:177-183. Dec.1951. 78.9 R824J
Hevea brasiliensis.

89976 GOODING, E. G. B. Studies in the physiology of latex. III. Effects of various factors on the concentration of latex of Hevea brasiliensis. New Phytol. 51: 139-153. Ref. Aug.1952. 450 N42

89977 GUPTA, J. C. S., and PAIN, S. K. Effect of time of sowing and pre-sowing cold treatment on the growth and development of tobacco plants (Nicotiana tabacum L. and N. rustica L.). Bot. Soc. Bengal. B. 3:73-97. Ref. Oct.1949,pub.Sept.30,1951. 451 B659

89978 GYÖRFFY, I. Muscorum autogenea calorisproductio. (Autogene wärmebildung der moose). Rev. Bryologique et Lichénologique (n.s.)21:26-31. 1952. 450 R325

89979 HAAS, A. R. C. Variations in the composition of avocado seed. Calif. Avocado Soc. Ybk. 1951:139-152. 81 C128

89980 HALMA, F. F., and WHITE, F. A. Relative susceptibility of avocado rootstocks to chlorosis. Calif. Avocado Soc. Ybk. 1951:153-156. 81 C128

89981 HARVEY, W. A., and CRAFTS, A. S. Toxicity of pentachlorophenol and its sodium salt in three Yolo soils. Hilgardia 21:487-498. Aug.1952. 100 C12H

89982 HARVEY, W. A. Toxicity of three 2,4-D formulations in California soils. Hilgardia 21:499-513. Aug.1952. 100 C12H

89983 HAWTHORNE, M. E., and WILSON, G. B. The cytological effects of the antibiotic acti-dione. Cytologia 17:71-85. Ref. June 1952. 442.8 C99
On Allium cepa.

89984 HAYTER, C. N. The moon and gardening. Good Husb. 2(11):11,22. July 1952. 24 G59

89985 HEFER, S. The use of 2,4-D in chemical weed control and its effect on plants. South. African Weed Control Conf. Proc. 1:12-14. 1950,pub.1951. 79.9 So82

89986 HENSS, E. Anleitung zur jarowisation von wintergerste und winterweizen. Ed. 2, rev. Berlin, Deutscher Bauernverlag,1952. 31 p. 59.26 H39

89987 HEWITT, E. J. Sand and water culture methods used in the study of plant nutrition. Commonweath Bur. Hort. & Plantation Crops. Tech. Commun. 22,241 p. Ref. 1952. 84 Im72

89988 HIEMELEERS, J. Dying of fruit trees. (In Flemish.) Tuinbouwberichten 16:104. July 15,1952. 80 T817
Effects of too much water.

89989 HOCHAPFEL, H. Die bedeutung des bors bei der kultur von apfelsämlingen im zusammenhang mit der bodenmüdigkeit. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:82-86. Mar.1952. 410.9 G31M

89990 HYAMS, E. A new fruit-growing hazard. Roy. Hort. Soc. J. 77:335-336. Sept.1952. 84 L84J
Effects of herbicides.

89991 IAKOVLEVA, V. V. External feeding of clover grown for seeds with boron fertilizers. (In Russian.) Sovet. Agron. 10(6):75-77. Ref. June 1952. 20 So84

89992 IVANOV, G. S. Causes for the drying up of oak species in the forest of Benderskiĭ forestry enterprise. (In Russian.) Lesn. Khoz. 4(11):51-55. Nov.1951. 99.8 L5622

89993 IVANOV, L. A., SILINA, A. A., and TSEL'NIKER, IU. L. On the transpiration of shelterbelt [tree] species under conditions of Derkul Steppe. (In Russian.) Bot. Zhur. 37:113-127. Ref. Mar./Apr.1952. 451 R923

89994 IVANOV, L. A. Relation to moisture of tree species utilized in steppe silviculture. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Nauch. Voprosy Polezashch. Lesorazved. 1:109-124. Ref. 1951. 99.9 Ak1N

89995 JACKSON, L. W. R. Radial growth of forest trees in the Georgia piedmont. Ecology 33:336-341. Ref. July 1952. 410 Ec7

89996 JOHNSON, S. P. Some effects of maleic hydrazide on the growth of Avena seedlings. (Abs.) Tenn. Acad. Sci. J. 27:199. July 1952. 500 T25A

89997 JONARD, P., KOLLER, J., and VINCENT, A. Evolution de la tige et de l'épi chez la variété de blé Vilmorin 27 au cours de la période de reproduction. France. Inst. Natl. de la Rech. Ser. B: Ann. de l'Amélior. des Plantes 2:31-54. Jan./Mar.1952. 14 F8499A

89998 KAL'IANOV, D. G. Longevity of Jerusalem artichoke while cultivating it in one place. (In Russian.) Dnepropetrovsk. Sel'skokhoz. Inst. Trudy 4:9-15. 1951. 106 D643

89999 KAWATAKE, M. Comparative studies on the characters of cereal crops. I. Comparison of the developmental process of the root systems of some cereal crops (a preliminary note). (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:6-10. Nov.1951. 107.6 K995B
English summary.

90000 KECK, K., and HOFFMANN-OSTENHOF, O. Chromosome fragmentation in Allium cepa induced by seed extracts of Phaseolus vulgaris. Caryologia 4:289-294. 1952. 442.8 C25

90001 KING, N. J. Factors affecting the germination of the sugar cane plant. Queensland Soc. Sugar Cane Technol. Proc. 19:133-141. 1952. 65.9 Q332

90002 KLEIN. Möglichkeiten der ertragssteigerung bei zucker- und futterrüben sowie weiteren kulturpflanzen. Deut. Landwirt. 3:363-365. July 1952. 18 D4822
Effects of hormones.

90003 KLEINER, P. Bedeutung der wasserkultur zur abklärung von kulturproblemen. Schweiz. Gartztg. 55(28): 9-11. July 17,1952. 80 G1939

90004 KOLOMIETS, I. A. Biological analysis of flower bud development in apple trees. (In Russian.) Akad. Nauk SSSR. Dok. 84:821-824. June 1,1952. 511 P444A

90005 KOLOMIETS, I. A. On phasic readiness for fruit-bearing and pre-fruit-bearing period in fruit seedlings. (In Russian.) Akad. Nauk SSSR. Izv. Ser. Biol. 3:89-104. May/June 1952. 511 Sa2B
Experiments with apples, apricots and peaches.

90006 KOLOSOV, I. I., and SHALDENKOVA, S. F. On the role of embryonic and nodal roots in supplying the plant with mineral nutritive substances and water. (In Russian.) Akad. Nauk SSSR. Dok. 85:211-214. July 1, 1952. 511 P444A
Experiments with branching wheat.

90007 KORIĆ, M. Utilization of plant hormones in agricultural practice. (In Serbo-Croatian.) Biljna Proizvodnja 5:49-55. Mar./Apr.1952. 64.8 B49

90008 KOVALEVA, N. V., and SHKOL'NIK, M. IA. Effect of boron on iodine reduction of tissues and on interaction with other mineral elements in its metabolism. (In Russian.) Akad. Nauk SSSR. Dok. 85:425-428. Ref. July 11,1952. 511 P444A
Experiments with flax and wheat.

90009 KRAEVOĬ, S. IA., and ONUCHAK, A. I. On some peculiarities of growth of filberts. (In Russian.) Akad. Nauk SSSR. Dok. 85:215-218. July 1,1952. 511 P444A

90010 KUGLER, I. Untersuchungen über das keimverhalten einiger rassen von Arabidopsis thaliana (L.) Heynh.; ein beitrag zum problem der lichtkeimung. Beitr z. Biol. der Pflanzen 28:211-243. Ref. 1951. 450 C66

90011 KUHNHOLTZ-LORDAT, G. Un précurseur de la théorie mycorhizienne: A. Condamy (1879). Rev. de Mycol. 17(sup.):93-98. Apr.1,1952. 450 An74

90012 KUROKAMI, T., and others. Studies with phytohormone treatments in controlling calyx abscission of summer oranges. (In Japanese.) Kagawa- Ken Agr. Col. Tech. B. 3:130-134. Mar.1952. 107.6 K113
M. Mori, T. Ishizaki, and K. Otani, joint authors.
English summary.

90013 KURSANOV, A. L., and TURKINA, M. V. Respiration of conducting tissues and movement of saccharose. (In Russian.) Akad. Nauk SSSR. Dok. 85: 649-652. Ref. July 21,1952. 511 P444A
Observations on vascular bundles of sugar beet and Plantago major.

90014 KURSANOV, A. L., and TURKINA, M. V. Respiration of fibrovascular bundles. (In Russian.) Akad. Nauk SSSR. Dok. 84:1073-1076. Ref. June 11,1952. 511 P444A
Experiments with Plantaginaceae.

90015 KURZ, H., and WAGNER, K. The role of adventitious roots in survival of cypress. (Abs.) Tenn. Acad. Sci. J. 27:201. July 1952. 500 T25A

90016 KUZIN, A. M., MERENOVA, V. I., and MAMUL', IA. V. On assimilation of [radioactive] carbon dioxide by plant roots. (In Russian.) Akad. Nauk SSSR. Dok. 85:645-647. July 21,1952. 511 P444A
Experiments with beans.

90017 LAIBACH, F., and KRIBBEN, F. J. Die bedeutung des wuchsstoffs für die bildung und geschlechtsbestimmung der blüten. Beitr. z. Biol. der Pflanzen 28:131-144. 1951. 450 C66

90018 LAIBACH, F. Über sommer- und winteranuelle rassen von Arabidopsis thaliana (L.) Heynh.; ein beitrag zur ätiologie der blütenbildung. Beitr. z. Biol. der Pflanzen 28:173-210. Ref. 1951. 450 C66

90019 LAKON, G., and BULAT, H. Die feststellung der keimfähigkeit der laubholzsamen nach dem topographischen tetrazolium-verfahren. I. Die Fagaceen. Saatgut-Wirt. 4:166-168. July 1952. 61.8 Sa1

90020 LEE, S., and LIN, K. S. Studies of the photoperiodic effect on sugar cane. Internatl. Soc. Sugar Cane Technol. Proc. 7:33-43. 1950,pub.1951. 65.9 In84

90021 LEIBUNDGUT, H. Flechtenrasen als hindernis für die ansamung. Schweiz. Z. f. Forstw. 103:162-168. Apr./May 1952. 99.8 J82
Effect on chlorophyll content of seedlings.

90022 LESLEY, J. W., and BRINGHURST, R. S. Environmental conditions affecting pollination of avocados. Calif. Avocado Soc. Ybk. 1951:169-173. 81 C128
Includes pollination by Apis mellifera.

90023 LEVI, E., and CRAFTS, A. S. Toxicity of maleic hydrazide in California soils. Hilgardia 21: 431-463. Ref. Aug.1952. 100 C12H

90024 LEVI, E., and CRAFTS, A. S. Toxicity of phenyl mercuric compounds in California soils. Hilgardia 21:465-485. Aug.1952. 100 C12H

90025 LLEWELYN, F. W. M., and ALLEN, M. The effect of wetter concentration on ammonium thiocyanate damage to raspberry leaves, and on the volume of spray required to achieve complete wetting. East Malling Res. Sta. Annu. Rpt. 39:119-121. 1951,pub.1952. 103 Ea7

90026 LONGCHAMP, R., ROY, M., and GAUTHERET, R. J. Nouvelles recherches sur l'action de quelques hétéro auxines desherbantes sur les céréales. France. Inst. Natl. de la Rech. Ser. B: Ann. de l'Amélior. des Plantes 2:117-154. Ref. Jan./Mar.1952. 14 F8499A
Effect of 2,4-D and methoxone.

90027 MACLEOD, A. M. Enzyme activity in relation to barley viability. Bot. Soc. Edinb. Trans. & Proc. 36:18-33. Ref. 1952. 451 Ed4T

90028 MAIER, W. Bormangelkrankheiten an blumenkohl (Brassica oleracea L. var. botrytis L.) und kohlrabi (Brassica oleracea L. var. gongylodes L.). Angew. Bot. 26:3-12. Sept.1951. 450 An4

90029 MALYSHEV, A. A. Thermoperiodism and its importance in the development of plants. (In Russian.) Bot. Zhur. 37:139-157. Ref. Mar./Apr.1952. 451 R923

90030 MARRE, E., and PROFUMO, P. M. Action of heteroauxin on the synthesis of starch from glucose-1-phosphate in isolated stomata of Iris. (In Italian.) Accad. Naz. dei Lincei Cl. di Sci. Fis. Mat. e Nat. Atti Rend. (ser.8)11:230-235. Second semes.1951. 507 R66

90031 MARRE, E., and PROFUMO, P. Blocking by cyanide of the stimulating auxin effect of the synthesis of starch in isolated stomata. (In Italian.) Accad. Naz. dei Lincei. Cl. di Sci. Fis. Mat. e Nat. Atti Rend. (ser.8)12: 122-124. Ref. First semes.1952. 507 R66
Experiments with Iris florentina.

90032 MENDES, B. Observations on the internal plant rhythm in Portugal and its colonies. II. Unusual internal flowering rhythm in Pirus malus. Portugaliae Acta Biol. (ser.A)3:235-238. 1951. 442.8 P83

90033 MENEZES, O. B. DE. Causes of fruit fall. (In Portuguese.) Granja [Porto Alegre] 8(62):34-35. May 1952. 9.2 G76

90034 MIKHAILOVA, G. D. Physiological analysis of the influence of potassium on photosynthesis. (In Russian.) Latv. PSR Zinātņu Akad. Vest. 1:59-70. Ref. 1951. 511 R442

90035 MIKHLIN, D. M., and PSHENOVA, K. V. Method of vacuum infiltration in studying root rubber plants. (In Russian.) Akad. Nauk SSSR. Dok. 85:653-655. Ref. July 21,1952. 511 P444A
Metabolism of kok-saghyz.

90036 MILANEZ, F. R., and NETO, H. M. Preliminary note on the mycorhiza of Araucaria angistifolia in Parana. (In Portuguese.) Brazil. Serv. Florestal. Arq. 4:87-93. Ref. 1950,pub.1951. 451 B733
English summary.

90037 MIYAJIMA, H. On the relation between the races of Cryptomeria japonica and their root-formation in the cuttings. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:277-281. Nov.1951. 107.6 K995B
English summary.

90038 MOEWUS, F., and MOEWUS, L. Sensitivity of cress roots to indoleacetic acid. Nature [London] 170: 372. Aug.30,1952. 472 N21

90039 MOEWUS, L. Uber die hemmende wirkung von cumarin auf die bewurzelung von Tradescantia-stecklingen und auf das knospentreiben von bäumen und sträuchern. Beitr. z. Biol. der Pflanzen 28:244-253. Ref. 1951. 450 C66

90040 MOORE, E. L., and THOMAS, W. O. Hormone spray helps produce fall tomatoes. Miss. Farm Res. 15 (8):1,8. Aug.1952. 100 M69Mi
Fruit-setting hormone.

90041 MORA URPI, J. E. Aplicación de sustancias reguladoras de crecimiento en la floración del tomate. Suelo Tico 5:260-262. May/Dec.1951. 8 Su2

90042 MOSER, L. Lasst sich der gummifluss unseres steinobstes verhüten? Gart.-Z. Illus. Flora 75:88-89. Aug.1952. 80 G1991

90043 MUKHERJEE, S. Pollen analysis in Mangifera in relation to fruit-set and taxonomy. Indian Bot. Soc. J. 30:49-55. Ref. 1951. 450 J821

90044 MÜLLER, W. Der einfluss von licht, temperatur und substrat auf die keimung von samen einiger Brassica-arten. Angew. Bot. 26:100-110. Mar.1952. 450 An4

90045 MUROGA, T. Process of flower bud differentiation in the hop plant. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:20-25. Ref. Nov.1951. 107.6 K995B
English summary.

90046 NAGAMATSU, T., and ISHIKAWA, H. Studies on the geographical differentiation of characters in cultivated rice. VI. Variation of lodging and its geographical distribution. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:11-13. Nov.1951. 107.6 K995B
English summary.

90047 NAITO, N., and TANI, T. Effect of 2.4-D in culture medium on the mycelial growth of Gloeosporium olivarum Alm. (In Japanese.) Kagawa- Ken Agr. Col. Tech. B. 3:80-90. Sept.1951. 107.6 K113
English summary.

90048 NAITO, N., and TANI, T. Effect of 2,4-D in culture media on mycelial growth, sporulation and sclerotial formation by various phytopathogenic fungi. I. (In Japanese.) Kagawa- Ken Agr. Col. Tech. B. 3:119-125. Mar.1952. 107.6 K113
English summary.

90049 NAKA, J., and OMORI, H. Physiological and ecological studies on potato plants. V. Investigation on the influence of early matured first crop tubers upon the second crop growth. (In Japanese.) Kagawa- Ken Agr. Col. Tech. B. 3:126-129. Mar.1952. 107.6 K113
English summary.

90050 NATHANAEL, W. R. N. Mineral nutrients and plant growth. Ceylon Coconut Q. 3:9-14. Jan./Mar.1952. 77.8 C33

90051 NAVASHIN, M. S. On importance of meristematic cell size for growth and development. (In Russian.) Akad. Nauk SSSR. Bot. Inst. Trudy. Ser. 7. Morf. i Anat. Rast. 2:268-293. Ref. 1951. 451 Ak15T
Observations on kok-saghyz.

90052 NIMS, L. F. Radiobiology in relation to plant sciences. Amer. Hort. Cong. Proc. 4/5:29-35. 1949-50, pub.1951. 80 Un32Y

90053 NIÑO LARRÚ, F. Correlación y curvas de crecimiento, peso y longitud, en plántulas de alfalfa. Arch. de Zootec. 1:286-291. 1952. 49 Ar22
English summary.

90054 NOLZ, O. Ernährungskrankheiten im obstbau. Obst u. Gartbau. 7:83-85. June 1952. 80 Ob75

90055 OCHERETENKO, E. E. On the role of the copper minor element in the cold resistance of Ukrainka winter wheat variety. (In Russian.) Dnepropetrovsk. Sel'skokhoz. Inst. Trudy 4:39-42. Ref. 1951. 106 D643

90056 OKA, H., LU, Y. C., and TSAI, K. H. Phylogenetic differentiation of the cultivated rice plant. I. Agr. Res. 2(3):1-31. Ref. Sept.1951. 22.5 Ag823

90057 OKAJIMA, H., and KIMURA, J. Studies on the mechanisms of phosphorus and iron absorption by rice plant. II. Tôhoku U. Inst. Agr. Res. Rpt. 3:1-11. 1951. 22.5 T81

90058 OLEĬNIKOVA, T. V. On phasic development of biennial root crops. (In Russian.) Akad. Nauk SSSR. Dok. 85:657-660. Ref. July 21,1952. 511 P444A

90059 OLIVER, W. F. Absorption and translocation of phosphorus by foliage. Sci. Agr. 32:427-432. Aug. 1952. 7 Sci2

90060 OMVIK, A. Experiments on manganese, zinc and calcium as constituents of nutrient solutions for fungi. Bergen. U. Arb. Natvitensk. Rekke 8,85 p. Ref. 1951,pub.1952. 502 B45

90061 ONSEM, J. G. VAN. The influence of phytohormones on the germination of fern spores. (In Flemish.) Gent. Landbhogesch. Meded. 17:174-181. Mar. 1952. 105.1 G344
English summary.

90062 ORLOV, I. I. Heartwood formation in Pinus. (In Russian.) Lesn. Khoz. 4(12):55-58. Dec.1951. 99.8 L5622

90063 PEARCE, S. C. Studies in the measurement of apple trees.I. The use of trunk girths to estimate tree size. East Malling Res. Sta. Annu. Rpt. 39:101-104. Ref. 1951,pub.1952. 103 Ea7

90064 PILET, P. E. Le phototropisme des racines de Lens culinaris Medikus. Soc. Vaud. des Sci. Nat. B. 65:197-212. Ref. 1952. 508 L37

90065 PLATT, R. B., and AMSLER, F. P. Growth rate determinations for tree lichens. (Abs.) Tenn. Acad. Sci. J. 27:203. July 1952. 500 T25A

90066 PORTÍANKO, V. F. Distribution of water in vegetative and reproductive organs of the cotton plant. (In Russian.) Akad. Nauk SSSR. Dok. 84:829-832. June 1,1952. 511 P444A

90067 PORTÍANKO, V. F. On the light phase in corn development. (In Russian.) Akad. Nauk SSSR. Dok. 84: 1077-1080. Ref. June 11,1952. 511 P444A

90068 PORUTSKIĬ, G., and MIKHALOVSKIĬ, A. Effect of rearing conditions on speeding up the ripening of cotton. (In Russian.) Khlopkovodstvo 3:58-62. Mar. 1952. 72.8 K522
Yarovization of seeds chiefly.

90069 POSTMA, H. Possible reason for the disease symptoms of various plants on acid, iron containing soils in the vicinity of the Overijssel Vecht. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:275-276. July 1952. 12 N383M

90070 PRESTON, A. P. Wind records in some Kent orchards. East Malling Res. Sta. Annu. Rpt. 39:93-96. 1951,pub.1952. 103 Ea7

90071 PROKOF'EV, A. A., and SAFRONOV, G. P. On the coagulation of latex in roots of rubber-bearing plants [kok-saghyz and krym-saghyz]. (In Russian.) Akad. Nauk SSSR. Dok. 84:833-836. June 1,1952. 511 P444A

90072 PUZZILLI, M. Osmotic pressure in Nicotiana tabacum var. Virginia Bright Italian strain No. 7 under diverse water treatments. (In Italian.) Tabacco 56:152-155. Ref. May 1952. 69.8 T115

90073 RAFATTI, E., and CIFERRI, R. Defoliation, bark measles, stunting and bark necrosis of apple trees by boron deficiency, in the region Trentino-Alto Adige. (In Italian.) Not. sulle Mal. delle Piante 18:1-20. Ref. Jan./Mar.1952. 464.8 N84
English summary, p. 56.

90074 RANDHAWA, G. S. Fruit quality as affected by nutritional status of Kieffer pear trees. Indian J. Hort. 9(2):14-17. June 1952. 80 In2

90075 RAO, J. S., and SUNDARARAJ, D. D. Stinging hairs in Tragia cannabina L.f. Indian Bot. Soc. J. 30: 88-91. 1951. 450 J821

90076 RAO, P. S., and BERI, R. M. Starch from the tubers of Dioscorea bulbifera Linn. Sci. & Cult. 18:41-42. July 1952. 475 Sci24

90077 RAWITSCHER, F., and MORELLO, J. Eficacia del método de pesadas rápidas para medir la transpiración de plantas, II. Cien. e Invest. 8:275-285. Ref. June 1952. 475 C482

90078 RENNER, O. Zur entwicklungsgeschichte von Oenothera und Epilobium. Z. f. Natforsch. 7b:420-425. July 1952. 474 Z3

90079 RIEHL, L. A., and CARMAN, G. E. The water spot problem. Citrus Leaves 32(9):10-11. Sept.1952. 80 C492

90080 ROODENBURG, J. W. M. Flower formation of Crassula rubicunda. Gard. Chron. 132:64. Aug.16,1952. 80 G162

90081 ROTH, I. Blüten künstlich erzeugt. Orion 7: 505-509. July 1952. 474 Or4
Based on experiments of Prof. Friedrich Laibach.

90082 ROUNDS, M. B. Avocado grower combats tip-burn. Calif. Citrog. 37:450. Sept.1952. 80 C125

90083 SATHE, V., VENKITASUBRAMANIAN, T. A. and DE, S. S. Effect of fertilizers on the thiamine content of rice. Sci. & Cult. 18:33-34. July 1952. 475 Sci24

90084 SATO, K., and NISHINA, Y. Effects of fast neutrons upon forest tree seeds. II. Relations between the intensities of irradiations and the germinations of seeds, the growth of seedlings of Pinus densiflora. Kyushu U. Facul. Agr. Sci. B. 13:238-242. Nov.1951. 107.6 K995B

90085 SAVEL'EVA, O. N. Peculiarities of the carbohydrate metabolism of potato plants grown from genetically heterogeneous parts of tuber tissues. (In Russian.) Akad. Nauk SSSR. Dok. 85:619-622. Ref. July 21,1952. 511 P444A

90086 SCARASCIA, G. T. On the toxicity to plants of hexachlorocyclohexane. Effects of the gamma isomer on Nicotiana tabacum and Nicotiana rustica. (In Italian.) Tabacco 56:142-151. May 1952. 69.8 T115

90087 SCHIPSTRA, K. Disease symptoms of various plants on the iron-containing alluvial soils. Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:271-274. July 1952. 12 N383M

90088 SCHNEIDER, H., and WITT, R. L. Sieve-tube necrosis. Citrus Leaves 32(9):17-18,35. Sept.1952. 80 C492

90089 SCHULZE. Natürliche und künstliche beleuchtung im gartenbau. I-II. Tech. f. Bauern u. Gärt. Ausg. G 4:321-322,345-346. July 25-Aug.10,1952. 58.8 T223G
Includes greenhouses.

90090 SESHAGIRI, P. V., V., and SASTRI, R. L. N. T.A.N. [Titratable Acid Number] changes in the leaves of Tamarindus indica Linn. Cur. Sci. 21:190. July 1952. 475 Sci23

90091 SHAKHOV, A. A. Present time status of the problem in regard to the relation of tree and shrub species to soil salinity. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Nauch. Voprosy Polezashch. Lesorazved. 1: 171-198. Ref. 1951. 99.9 Ak1N

90092 SHCHERBAKOV, A. P. Mineral nutrition of tree seedlings as a factor of their growth and development. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Nauch. Voprosy Polezashch. Lesorazved. 1:125-170. Ref. 1951. 99.9 Ak1N

90093 SHIMADA, T. On the reversal of growth phase in higher plants. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:73-82. Ref. Nov.1951. 107.6 K995B
English summary.

90094 SHKOL'NIK, M. ÍA., MAKAROVA, N. A., and PLANKEVICH, ÍU. E. On pre-planting hardening of seeds to drought in a solution of boric acid. (In Russian.) Akad. Nauk SSSR. Dok. 84:841-844. Ref. June 1,1952. 511 P444A
Experiments with grain and sunflower.

90095 SIMON, E. W., and BEEVERS, H. The effect of pH on the biological activities of weak acids and bases. I-II. New Phytol. 51:163-197. Ref. Aug.1952. 450 N42
I, The most usual relationship between pH and activity; II, Other relationships between pH and activity.
Includes effect on yeast, Trichoderma viride and Avena.

90096 SPINA, P. Preliminary tests with hormonic substances on the fig tree (Ficus carica L.) to obtain parthenocarpic fruits. (In Italian.) Ann. della Sper. Agr. (n.s.)6:923-932. Ref. 1952. 16 An76
English summary.

90097 SRIVASTAVA, J. P. Effect of various nitrogenous compounds on the growth of Alternaria tenuis Auct. sensu Wiltshire. Indian Bot. Soc. J. 30:108-112. Ref. 1951. 450 J821

90098 STAFFORD, H. A. The distribution and development of enzymes in pea seedlings. Torrey Bot. Club. B. 79:351-358. Ref. Sept./Oct.1952. 451 T63B

90099 STEWART, I., and LEONARD, C. D. Possible causes and control of iron chlorosis. Calif. Citrog. 37: 427-445. Ref. Sept.1952. 80 C125
Citrus.

90100 STOCKDALE, A. Organic hydroponics. Amer. Orchid Soc. B. 21:647-651. Sept.1952. 80 Am329

90101 SUN, V. G., and LIU, P. D. The effect of lime-water treatment on seed cane using different sources of seed material. Internatl. Soc. Sugar Cane Technol. Proc. 7:202-209. 1950,pub.1951. 65.9 In84
Includes discussion.

90102 SYRACUSE UNIVERSITY. DEPT. OF PLANT SCIENCES. DIV. OF BACTERIOLOGY. Physiology of the wood-rotting fungi; semi-annual progress report, 7, January-June, 1952. Syracuse,1952. 14 p. 462.8 Sy8
M. W. Jennison, principal investigator.

90103 TAGUCHI, R. Photoperiodic reaction in relation to the physiological changes in some succulent plants. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13: 26-31. Ref. Nov.1951. 107.6 K995B
English summary.

90104 TAKADA, H. Über tagesschwankung des osmotischen wertes in den blättern von strandpflanzen in ihrem zusammenhange mit dem chloridgehalt. Osaka City U. Inst. Polytech. J. Ser. D, Biol. 2:9-21. Ref. Dec.1951. 442.9 Os1

90105 TALBOYS, P. W. A method for the study of the effects of Verticillium toxins on the water relations of cut shoots. East Malling Res. Sta. Annu. Rpt. 39:149-151. 1951,pub.1952. 103 Ea7

90106 TALLARICO, G. Why and how plants flower. (In Italian.) Humus 8(6):17-18. June 1952. 16 H88

90107 TANABE, K. Influence of the transpiration of rice plant on the rate of percolation. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:328-334. Nov.1951. 107.6 K995B
English summary.

90108 TANDON, S. L. Some physiological aspects of autotetraploidy in Brassica campestris L. var. sarson Prain. Sci. & Cult. 18:40-41. July 1952. 475 Sci24

90109 TAYLOR, F. J. The oxidation of labelled acetate by baker's yeast. New Phytol. 51:256-257. Aug.1952. 450 N42

90110 TEAS, H. J., CAMERON, J. W., and NEWTON, A. C. Tryptophan, niacin, indoleacetic acid, and carbohydrates in developing sugary and starchy maize kernels. Agron. J. 44:434-438. Ref. Aug.1952. 4 Am34P

90111 THAKUR, C. Accessory buds in sugarcane. Cur. Sci. 21:192-193. July 1952. 475 Sci23

90112 THEWLIS, B. H. The identification of ethyl alcohol in plant tissues. New Phytol. 51:263-265. Aug. 1952. 450 N42

90113 TITOVA-MOLCHANOVA, Z. IA. Change in fruit-bearing of buds in grapes during the early spring period. (In Russian.) Sad i Ogorod 1:46-47. Jan.1952. 80 Sa13

90114 TIXIER, P. The injection of trace elements, especially of copper in the form of sulphate, into the Hevea brasiliensis tree. Rubber Res. Inst. Malaya. J. 13:192-199. Dec.1951. 78.9 R824J

90115 TOMBESI, L., and others. A contribution to the study of Beta vulgaris var. saccharifera metabolism as related to nitric and ammoniacal nutrition. (In Italian.) Ann. della Sper. Agr. (n.s.)6:1055-1066. 1952. 16 An76
S. Fortini, T. Cervigni, A. Baroccio, M. E. Venezian and M. Tarantola, joint authors.
English summary.

90116 TORRISI, M. Physiological researches on citrus trees I. The differentiation of the flower buds of the lemon and preliminary data on forcing. (In Italian.) Ann. della Sper. Agr. (n.s.)6:891-894. Ref. 1952. 16 An76
English summary.

90117 TRUDOVA, R. G. Effect of radiations of radioactive phosphorus on cell divisions in the meristem of roots. (In Russian.) Akad. Nauk SSSR. Dok. 85:219-220. Ref. July 1,1952. 511 P444A
Experiments with wheat sprouts.

90118 TRUDOVA, R. G. Effect of X-ray on the process of root formation in bean sprouts. (In Russian.) Akad. Nauk SSSR. Dok. 85:429-432. Ref. July 11,1952. 511 P444A

90119 TRUSHECHKIN, V. G. Biological peculiarities of apple varieties and their development in the nursery. (In Russian.) Sad i Ogorod 2:11-15. Feb.1952. 80 Sa13

90120 TURIAN, G. Caroténoïdes et différenciation sexuelle chez Allomyces. Experientia 8:302. Aug.15, 1952. 475 Ex7
English summary.

90121 TURKOVA, N. S., and LUZHNOVA, M. I. Effect of gas regime during acorn storage on metabolism in the leaves of seedlings. (In Russian.) Akad. Nauk SSSR. Dok. 84:837-839. June 1,1952. 511 P444A

90122 TYDEMAN, H. M. The influence of the pollen parent on the development of apple fruits. East Malling Res. Sta. Annu. Rpt. 39:62-66. 1951,pub.1952. 103 Ea7

90123 VALENCIA P., H. Contribución al estudio de problemas fotoperiodicos de la soya. Acta Agron. [Palmira] 2:163-182. July 1952. 9.4 Ac8

90124 VIANA, M. J. On the physiological behaviour of Bryophyllum daigremontianum in the absence of light. Portugaliae Acta Biol. (ser.A)3:195-210. Ref. 1951. 442.8 P83

90125 VOGT, A. Pflanzen in sumpf und wasser. Schweiz. Gartztg. 55(28):13-15. July 17,1952. 80 G1939

90126 VORONOV, A. G. On the wintering of herbaceous plants [in Naurzumskii Forest Reservation in Kustanai Region, Kazakhstan]. (In Russian.) Bot. Zhur. 37:173-180. Ref. Mar./Apr.1952. 451 R923

90127 VYVYAN, M. C., and TROWELL, G. F. Use of sprays to control fruit drop. VIII-IX. East Malling Res. Sta. Annu. Rpt. 39:108-114. 1951,pub.1952. 103 Ea7
VIII, Further trials with NAA sprays on the apple variety Bramley's Seedling; IX, Further trials of the effect of delay in picking and of NAA sprays on fruit drop in Cox's Orange Pippin.

90128 WADA, B. The effect of chemicals on mitosis studied in Tradescantia cells in vivo. I. p-Acetylaminotropolone. Cytologia 17:14-34. Ref. June 1952. 442.8 C99

90129 WAGENAAR, G. A. W. Photoperiodism in rice (Oryza sativa L.). Landbouw [Bogor] 23:510-526. Ref. Oct./Dec.1951. 22.5 L23

90130 WANNER, H. Vom wasserhaushalt der pflanzen. Schweiz. Gartztg. 55(28):7-9. July 17,1952. 80 G1939

90131 WARBURG, O. Energetik der photosynthese. Naturwissenschaften 39:337-341. Ref. Aug.1,1952 474 N213

90132 WEBSTER, J. Spore projection in the hyphomycete Nigrospora sphaerica. New Phytol. 51:229-235. Ref. Aug.1952. 450 N42

90133 WHEELER, H. E. Genetic and physiological factors controlling sexual and asexual reproduction in Glomerella. (Abs.) Tenn. Acad. Sci. J. 27:212. July 1952. 500 T25A

90134 WHEELER, H. E. The use of radiocarbon for tagging fungi. Phytopathology 42:431-435. Aug.1952. 464.8 P56

90135 WILSON, P. M. W. Distribution of 'solanaceous' alkaloids in some new graft combinations. New Phytol. 51:260-262. Aug.1952. 450 N42

90136 WITTWER, S. H. Some results with radioactive isotopes. Amer. Hort. Cong. Proc. 4/5:84-85. 1949-50,pub.1951. 80 Un32Y

90137 WOLF, F. T. The utilization of purines, pyrimidines, and related compounds by Neurospora. (Abs.) Tenn. Acad. Sci. J. 27:212. July 1952. 500 T25A

90138 WOODBRIDGE, C. G., CARNEY, A., and MCLARTY, H. R. A boron deficiency in pear growing in soil having an adequate boron content. Sci. Agr. 32:440-442. Ref. Aug.1952. 7 Sci2

90139 YAMADA, Y., and others. Studies on the absorption and translocation of phosphate at the flower stage of rice plant: experiment with radioactive phosphorus. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13: 136-142. Nov.1951. 107.6 K995B
Y. Uchida, N. Kawai., and K. Hirai, joint authors.
English summary.

90140 YAMAMOTO, K. Investigation on "viviparous" germination of seed in barley varieties in Japan. Tôhoku U. Inst. Agr. Res. Rpt. 3:13-27. Ref. 1951. 22.5 T81

BIOCHEMISTRY

90141 AUGIER, J., and HOFFMANN, G. Sucre et brome dans le Polysiphonia fastigiata (Roth) Grev. Soc. Bot. de France.B. 99:80-82. Ref. Jan./Mar.1952. 451 F84B

90142 BERTRAND, G., and BERTRAND, D. Recherches sur la teneur des graines en rubidium. Inst. Pasteur. Ann. 82:661-667. Ref. June 1952. 448.3 An75

90143 BHATTACHARJI, S., SHARMA, V. N., and DHAR, M. L. Chemical examination of the roots of Cissampelos pareira Linn. J. Sci. & Indus. Res. 11B: 81-82. Feb.1952. 475 J82

90144 BOGORAD, L., and GRANICK, S. Precursors of protoporphyrin in Chlorella. Nature [London] 170: 321. Aug.23,1952. 472 N21

90145 CHAKRAVARTI, R. N., and DUTTA, A. Chemical investigation of Enhydra fluctuans, Lour. I. Indian Chem. Soc. J. 29:374-376. May 1952. 385 In27

90146 CHAMBERLAIN, N., CUTTS, N. S., and RAINBOW, C. The formation of pigment and arylamine by yeasts. J. Gen. Microbiol. 7:54-60. Ref. Aug.1952. 448.3 J823

90147 CHATTERJEE, R., GUHA, M. P., and CHATTERJEE, A. Plant alkaloids. III. Thalictrum foliolosum, D. C. Indian Chem. Soc. J. 29:371-373. May 1952. 385 In27

90148 CHAUHAN, R. N. S., and TIWARI, J. D. Chemical examination of Oldenlandia biflrora. I. Indian Chem. Soc. J. 29:386-390. June 1952. 385 In27

90149 CIFERRI, R. Copper in plants and animals. (In Italian.) Italia Agr. 89:484-485. July 1952. 16 It1

90150 DAHL, E. On the use of lichen chemistry in lichen systematics. Rev. Bryologique et Lichénologique (n.s.)21:119-134. Ref. 1952. 450 R325

90151 DATTA, N. P., and BISWAS, N. R. D. Trace elements in some Indian grasses, forage crops, concentrates, and mineral supplements. Indian J. Agr. Sci. 21:93-96. June 1951. 22 Ag83I
Cobalt and copper.

90152 EISSES, J. The research of gelatinous substances in Indonesian seaweeds at the Laboratory for Chemical Research, Bogor. J. Sci. Res. 1:44-49. Feb. 1952. 475 J822
Agar-agar, carragenie, funorine, and algine.

90153 GEDEON, J. Saponins from Indian soapnuts—Sapindus mukorossi Gaertn. & Sapindus laurifolius Vahl. J. Sci. & Indus. Res. 11B:84. Feb.1952. 475 J82

90154 GHATGE, N. D., and SHAH, N. M. Isolation of saponin from the seeds of Albizzia lebbeck (N. O. Leguminosae). Cur. Sci. 21:192. July 1952. 475 Sci23

90155 GREBINSKIĬ, S. O., and LIUKOVA, L. A. Effect of oxidizers on formation and properties of essential oil in plants. (In Russian.) Akad. Nauk SSSR. Dok. 84:773-775. June 1,1952. 511 P444A
Experiments with Salvia officinalis and Mentha.

90156 HEDIN, L., and LEFEBVRE, J. M. Recherches sur la caractérisation chimique d'espèces ou de variétés de plantes fourragères et prairiales. I. France. Inst. Natl. de la Rech. Ser. B: Ann. de l'Amelior. des Plantes 2:55-98. Ref. Jan./Mar.1952. 14 F8499A
Includes corn.

90157 HURST, H. An electron diffraction study of the structure and orientation of the lipids in yeast and bacterial cell walls. J. Expt. Biol. 29:30-53. Ref. Mar. 1952. 442.8 B77

90158 JAMES, G. M., and THEWLIS, B. H. The separation and identification of solanaceous alkaloids from normal and grafted plants. New Phytol. 51:250-255. Ref. Aug.1952. 450 N42

90159 KITAVIN, G. S. Adaptive catalase formation during the action of hydrogen peroxide on Aspergilus niger. (In Russian.) Biokhimiîa 17:336-338. Ref. May/June 1952. 385 B523

90160 KOLESNIKOV, P. A. On carboxylase in kok-saghyz. (In Russian.) Akad. Nauk SSSR. Dok. 85:611-614. Ref. July 21,1952. 511 P444A

90161 KRASNOVSKIĬ, A. A., and KOSOBUTSKAIÁ, L. M. Spectral investigation of the condition of chlorophyll during its formation in the plant and in colloidal solutions of the substance of etiolated leaves. (In Russian.) Akad. Nauk SSSR. Dok. 85:177-180. Ref. July 1,1952. 511 P444A
Experiment with beans.

90162 KUBO, T. Scientific study of the Japanese black and red pine trees. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:243-247. Nov.1951. 107.6 K995B
English summary.
A biochemical study.

90163 KUZIN, A. M., and MERENOVA, V. I. Biosynthesis of glutamine, carbohydrates and proteins tagged with radioactive carbon. (In Russian.) Akad. Nauk SSSR. Dok. 85:181-183. July 1,1952. 511 P444A
In sugar beet photosynthesis.

90164 KUZIN, A. M., and MERENOVA, V. I. On the biosynthesis of nicotine, radioactive carbon, and processes of re-methylation in tobacco leaves. (In Russian.) Akad. Nauk SSSR. Dok. 85:393-395. July 11, 1952. 511 P444A

90165 LE RICHE, F. J. H. Chemical changes during the development of some guava varieties. Union So. Africa. Dept. Agr. Sci. B. 286,16 p. 1951. 24 So84S

90166 LISITSYN, D. I. On the role of labile glucosides in plants. (In Russian.) Biokhimiîa 17:320-328. Ref. May/June 1952. 385 B523

90167 MOSTAFA, M. A. Carbohydratic fermentation of bacterial isolates from zygophyllaceous and leguminous root-nodules. Nature [London] 170:276-277. Aug. 16,1952. 472 N21

90168 NAGAI, S. Experimental studies on the reduction of silver nitrate by plant cell. II. Osaka City U. Inst. Polytech. J. Ser. D, Biol. 2:1-8. Ref. Dec.1951. 442.9 Os1

90169 NAKABAYASHI, T. The researches of flavonoid pigments by the method of paper chromatography. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:154-158. Nov.1951. 107.6 K995B
English summary.
In plants.

90170 NITSCH, J. P., and WETMORE, R. H. The microdetermination of "free" L-tryptophane in the seedling of Lupinus albus. Science 116:256-257. Sept.5, 1952. 470 Sci2

90171 OSHIMA, Y., SHIRAKAWA, M., and MATSUI, T. A modified method of the colorimetric determination of capsaicin. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:159-163. Nov.1951. 107.6 K995B
English summary.
From Capsicum frutescens.

90172 PETROVA, A. N., and BOLOTINA, T. T. Investigation of processes of enzymatic synthesis and disintegration of starch in potato tubers under varied soil fertilization. (In Russian.) Akad. Nauk SSSR. Dok. 84: 1205-1207. June 21,1952. 511 P444A

90173 PROKOSHEV, S. M., PETROCHENKO, E. I., and BARANOVA, V. Z. Method of quantitative determination of glucoalkaloids in Solanaceae. (In Russian.) Biokhimiîa 17:362-367. May/June 1952. 385 B523

90174 QUILLET, M., and LEGRAND, G. Sur le métabolisme glucidique des champignons supérieurs. II. Relation entre le glycogène et le mannitol chez Agaricus campester (Fr.) variété bispora. Acad. des Sci. Compt. Rend. 235:311-313. July 28,1952. 505 P21

90175 RAMAKRISHNAN, C. V., and BANERJEE, B. N. Studies on lipase. Comparative study of different lipases obtained from molds grown on castor seed (Ricinus communis). Indian Chem. Soc. J. 29:397-399. June 1952. 385 In27

90176 RICHES, J. P. The significance of terpene accumulation in plants. Mater. Veg. 1:107-112. Ref. July 1,1952. 64.8 M41

90177 SISAKIÁN, N. M., and KOBIÁKOVA, A. M. On types of connection of enzymes with the proteide complex [sugar beet] of plastids. (In Russian.) Biokhimiîa 17:368-375. Ref. May/June 1952. 385 B523

90178 SRINIVASAN, K. S., and RAMAKRISHNAN, C. V. Synthesis of thiamine by moulds. Biochim. et Biophys. Acta 9:156-160. Aug.1952. 381 B522

90179 TAKANO, I., and YABUKI, M. Studies on amylase of some leguminous plants. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:194-197. Nov.1951. 107.6 K995B
English summary.

90180 TOMBESI, L., and others. Oxidase, catalase, carboanidrase and peroxidase activities, reduced/oxidated glutathione and ascorbic acid during the fruit and seed ripening. I. (In Italian.) Ann. della Sper. Agr. (n.s.) 6:857-874. Ref. 1952. 16 An76
A. Baroccio, T. Cervigni, S. Fortini, M. Tarantola and M. E. Venezian, joint authors.
English summary.

90181 VERMA, H. P. Nitrogen in sugarcane. Sugar Technol. Assoc. India. Proc. 20:1-7. Ref. 1951. 65.9 Su33P

90182 VIRTANEN, A. I., and MIETTINEN, J. K. Free amino-acids in the leaves, roots and root nodules of the alder (Alnus). Nature [London] 170:283-284. Aug.16,1952. 472 N21

90183 WYKES, G. R. An investigation of the sugars present in the nectar of flowers of various species. New Phytol. 51:210-215. Ref. Aug.1952. 450 N42

FIELD CROPS

Includes articles on general agronomy and on crop varieties, breeding, cultural practices, and yield.

General

90184 AGERBERG, L. Plant production on peat soils in Northermost Sweden. (In Swedish.) Växt-Närings-Nytt 8(5):29-32. 1952. 57.8 V47

90185 ÅKERMAN, Å., and others. Five years experiments at Tagel farm. (In Swedish.) Sveriges Utsädesför. Tidskr. 62:152-185. 1952. 61.9 Sv23
O. Tedin, K. Fröier, and G. Julén, joint authors.
Grain, flax and forage plants.

90186 ARCHIBALD, E. E. A. A possible method for estimating the area covered by the basal parts of plants. So. African J. Sci. 48:286-292. Apr.1952. 515 So84

90187 BOSMAN, J. C. Crop rotation in the eastern [Orange] Free State. Farming So. Africa. 27:323-327. June 1952. 24 So842

90188 BRESSANI, R., and JOHNSON, I. J. Effects of grass-legume associations, environment, and genotype on carotene and nitrogen content of forage crops. Agron. J. 44:414-420. Ref. Aug.1952. 4 Am34P

90189 CAMARÃO, M. C. Some basic concepts in agronomy. (In Portuguese.) Bras. Açucareiro 39:344-345. (Cont.) Apr.1952. 65.8 B73

90190 DORMAN, I. Selection of crop rotations in irrigated cotton culture. (In Russian.) Khlopkovodstvo 3:17-26. Mar.1952. 72.8 K522

90191 DVORIANKIN, F. A. Working methods of selectors. (In Russian.) Selek. i Semen. 19(3):22-31. Mar.1952. 61.9 Se5
Study of field crops.

90192 ENGEL, H. Vorschläge zur verbesserung der sortenversuche. Deut. Landwirt. 3:354-356. July 1952. 18 D4822

90193 FREDENSLUND, E. 1952 seed crop prospects. (In Danish.) Tidsskr. f. Frøavl 21:15-23. Aug.10,1952. 61.8 T43

90194 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Hackfruchternte. Germany. Land- u. Hauswirt. Auswertungs u. Informdienst. [Veröffentl.] 33,8 p. 1951. 18 G312V

90195 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Sommerarbeiten. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 24,8 p. June/July 1951. 18 G312V
Culture of field crops.

90196 GOWDER, M. T. Strip cropping. Tenn. Agr. Expt. Sta. P. 334,11 p. Aug.1951. 275.29 T25

90197 HADFIELD, W. V. Short rotation ryegrass. Seed Trade Rev. 4:195-197,199-201. July 1952. 61.8 Se32

90198 HARRINGTON, J. B. Research activities of the Field Husbandry Department. Saskatchewan. U. Addresses & Proc. U. Saskatchewan Farm Week 1952: 20-25. 101 Sa72

90199 ISAEV, A. V. To adjust the duties of an agronomist. (In Russian.) Sovet. Agron. 10(6):72-74. June 1952. 20 So84

90200 LADEIRA, J. S. Rotation of crops. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1(2):56-65. Feb.1952. 9.2 M663

90201 MARTIN, L. Biométrie et agronomie. Ann. de Gembloux 58:81-99. Second Q.1952. 13 G28

90202 METGE, R. Les recherches agronomiques à l'Office du Niger. Etudes d'Outre-Mer 35:29-31. Jan./Feb.1952. 286.8 M35

90203 MIRONOV, F., and GUSYNIN, I. Toward high yields. (In Russian.) Mashinno-Traktornaia Sta. 12(6):7-10. June 1952. 58.8 M11
Chiefly on field crop culture at Vladykinskaia MTS.

90204 NORTH CAROLINA CROP IMPROVEMENT ASSOCIATION. Sources of field inspected certified seed of wheat, oats, barley, tall fescue, and crimson clover. Raleigh,1952. 10 p. 59.9 N814

90205 NUNN, A. Will rotations go to grass? 1. Prog. Farmer, Ga.-Ala.-Fla. Ed. 67(9):15,118. Sept.1952. 6 P945G

90206 OZAWA, T., and KAGEYAMA, C. Zoshu honi sakumotsu saibai no kiso chishiki [Fundamental knowledge of raising more crops]. Tokyo,Saginomiya Shobo, 1951. 421 p. 64 Oz1

90207 REGAN, D. The history and types of rotation in some foreign countries and here. (In Serbo-Croatian.) Biljna Proizvodnja 5:124-133. May/June 1952. 64.8 B49

90208 RÜBENSAM, E. Einrichtung der fruchtfolgen in landwirtschaftlichen produktionsgenossenschaften. Freie Bauer 7(32):5. Aug.10,1952. 18 F88
Russian Zone of Germany.

90209 SASKATCHEWAN. UNIVERSITY. Addresses and proceedings during University of Saskatchewan Farm Week. Saskatoon,1952. 68 p. 101 Sa72

90210 SCHOBER, K. Soll nach klee wintergetreide folgen? Ein vorschlag zur änderung der fruchtfolge. Landwirtschaft 15/16:228-229. Aug.1952. 19 L235

90211 SOUTH CAROLINA. CLEMSON AGRICULTURAL COLLEGE. EXTENSION SERV. AGRONOMY DIV. Agronomy handbook for South Carolina. Clemson Agr. Col. S. C. Ext. B. 104,rev.,192 p. Apr.1952. 275.29 So8F

90212 SVERIGES UTSÄDESFÖRENING. Annual report of the activities of the Swedish Seed Association for the year 1951. (In Swedish.) Sveriges Utsädesfor. Tidskr. 62:219-296. 1952. 61.9 Sv23

90213 TENNESSEE. AGRICULTURAL EXPERIMENT STATION. AGRONOMY DEPT. Rates and dates of planting Tennessee farm and garden crops. Tenn. Agr. Col. Ext. P. 337,8 p. Dec.1952,i.e.1951. 275.29 T25
Tennessee Agricultural Experiment Station, Horticultural Department cooperating.
Circular 11 revised.

90214 UBALDI, L. Catch crops. (In Italian.) Agr. Tosc. 7:232-234. July 1952. 16 Ag827

90215 VIL'IAMS, V. R. Travopol'naia sistema zemledeliia [Grass-field system of agriculture]. Moskva, Gos. Izd-vo Selkhoz Lit-ry,1951. 508 p. (V. R. Vil'iams Sobranie Sochinenii 7) 56 V71S

90216 WENDEL, R. Warum zwischenfruchtbau auf schweren böden? Deut. Landwirt.-Gesell. Mitt. 67:553-554. Aug.2,1952. 18 N39

90217 WINKLER, H. Plant culture on peat soils in Götaland. (In Swedish.) Växt-Narings-Nytt 8(5):13-25. 1952. 57.8 V47

90218 ZAGORODNEV, S. On typical crop rotation systems in the cotton growing districts of new irrigation systems. (In Russian.) Khlopkovodstvo 3:8-16. Mar. 1952. 72.8 K522

Cereals

90219 ADAIR, C. R., and CRALLEY, E. M. Rice breeding and disease control studies in Arkansas, 1940 to 1950. Ark. Agr. Expt. Sta. B. 525,23 p. June 1952. 100 Ar42

90220 ANDERSON, E., and BROWN, W. L. The history of the common maize varieties of the United States Corn Belt. Agr. Hist. 26:2-8. Jan.1952. 30.98 Ag8

90221 BAUGHMAN, J. L. Wheat. Tex. J. Sci. 4:156-166. June 30,1952. 470 T31

90222 BECKER, W. R. Hybrid maize in Holland. World Crops 4:304-307. Sept.1952. 281.8 W892

90223 BOROJEVIĆ, S. On the advancement of production in USA. (In Serbo-Croatian.) Biljna Proizvodnja 5:7-11. Jan./Feb.1952. 64.8 B49
Grain.

90224 BRIGGS, F. N. Our modern certified grains have impressive history. West. Feed & Seed 7(8):30,42. Aug.1952. 389.78 W52

90225 BRUCHER, E. "Agrotriticum," informe sobre un trabajo selectivo de ocho anos con hibridos de "Triticum×Agropyron." Rev. Argentina de Agron. 19:116-126 Ref. June 1952. 9 R327
English summary.

90226 CALABRESI, G. A. Sant' Angelo Lodigiano Plant Station. (In Italian.) Riso 1(6):23-24. July 1952. 59.8 R49

90227 CARPENTER, R. W., HAAS, H. J., and MILES, E. F. Nitrogen uptake by wheat in relation to nitrogen content of soil. Agron. J. 44:420-423. Aug. 1952. 4 Am34P

90228 CHAPMAN, L. C. Double cropping sorghum. Prog. Agr. Ariz. 4(2):9. July/Sept.1952. 6 P9452

90229 CHRISTENSEN, J. Grain growing problems. (In Danish.) Dansk Landbr. 71:391-392. Aug.14,1952. 280.28 V91

90230 CIUMEI, G. Grain research in the Province of Pistoia during the 1951-1952 season. (In Italian.) Agr. Tosc. 7:268-270. Aug.1952. 16 Ag827
Wheat culture.

90231 DELOYE, M. Le maïs-hybride. Rev. Agr. de l'Afrique du Nord 50:430-432,445-447. July 4-11,1952. 80 R326

90232 DREIER, A. F., JOHNSON, V. A., and EHLERS, P. L. Nebraska varietal tests of fall-sown small grains, 1952—winter wheat, winter barley, rye. Nebr. Agr. Expt. Sta. Outstate Testing C. 22,16 p. Aug.1952. 100 N27O

90233 ECHEGARAY, M. Maices hibridos españoles. Agricultura [Madrid] 21:372-375. July 1952. 15 Ag84

90234 FAJERSSON, F. The spring wheat W:s Kärn II. A summary of actual results. (In Swedish.) Agr. Hortique Genet. 10:75-96. 1952. 64.8 Ag8
English summary.

90235 FREITAS, H. DE. Wheat culture in Minas Gerais. (In Portuguese.) Lav. e Criação 13(5):52-53. May 1952. 49 L392

90236 FUMELLI, A. Provincial contest for high grain yields in the Province of Pisa. (In Italian.) Agr. Tosc. 7:263-267. Aug.1952. 16 Ag827
Wheat.

90237 HADDEN, S. J. Unusual success in crossing oats. Agron. J. 44:452-453. Aug.1952. 4 Am34P

90238 HALL, R. A. Broomcorn production in South Texas. Tex. Agr. Expt. Sta. Prog. Rpt. 1468,3 p. June 17,1952. 100 T31P

90239 HARGREAVES, J. Off to an early start. Farmers Wk. [London] 37(10):62-63,65. Sept.5,1952. 10 F2226
Cereal culture including early planting.

90240 INOUE, E., and RANI, N. Some measurements of wind over the cultivated field. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:48-50. June 1952. 340.9 So1
English summary.
Rice field.

90241 IRELAND. DEPT. OF AGRICULTURE. Wheat growing. Ireland. Dept. Agr. L. 61,7 p. June 1951. 10.5 Ir42

90242 KIDA, Y. Sanjupyo tori mugisaku no riron to jissai (A theory and practice of sixty bushels of barley per one-fourth of an acre). Tokyo,Satsuki Shobo,1951. 127 p. 59.21 K53

90243 KORCHENIUK, IA. T. Biology of blooming and method to hybridize millet. (In Russian.) Selek. i Semen. 19(3):77-78. Mar.1952. 61.9 Se5

90244 KORNILOV, A. A. Selection of coarse-grained hard wheat that yields a maximum crop. (In Russian.) Selek. i Semen. 19(3):10-21. Mar.1952. 61.9 Se5

90245 KRASNIUK, A. High-yielding variety of winter rye, Volzhanka. (In Russian.) Kolkhoz. Proizvodstvo 12(5):58. May 1952. 281.8 K83

90246 KUDRIASHOVA, K. E. Biological improvement in the seeds of summer wheat. (In Russian.) Selek. i Semen. 19(3):76-77. Mar.1952. 61.9 Se5

90247 KUL'CHITSKII, A. V. Vegetative hybrids of winter wheat. (In Russian.) Selek. i Semen. 19(3):74-75. Mar.1952. 61.9 Se5
Germany (Russian zone).

90248 LAMONT, N. Experimental method. Fiji. Dept. Agr. Agr. J. 23(1):3-4. Mar.1952. 25 F47Ag
Statistical methods applied to field experiments, with especial reference to rice.

90249 LANZA, F. Observations on the root system in Zea mays indentata (hybrid 'U 32') and in Z. mays indurata ('Nostrano dell'Isola Alto' variety). (In Italian.) Ann. della Sper. Agr. (n.s.)6:941-950. 1952. 16 An76
English summary.

90250 LEWIS, N. G. Damp grain. Saskatchewan.U. Addresses & Proc. U. Saskatchewan Farm Week 1952: 17-19. 101 Sa72
Germination.

90251 LOZANO RODRIGUEZ, A. Embriones de maiz y su comportamiento como semilla. Acta Agron. [Palmira] 2:147-149. July 1952. 9.4 Ac8

90252 MCALLISTER, D. R. New sorghums may have a place in Utah. Farm & Home Sci. [Utah Sta.] 13: 44-45. June 1952. 100 Ut1F

90253 MARCHESI, J. M. La batalla del trigo. Siembra [Madrid] 7(6):6-7. June 1952. 15 Si1
Cultural research.

90254 MARKOWSKI, A. Laboratory methods of winter resistance tests of winter wheat based on the statistical analysis of variance. Akad. Umiej. Wydz. Mat.-Przyrodniczy. Compt. Rend. 3/4:25-26. Mar./Apr. 1951. 512 K85C

90255 MENEZES, O. B. DE. Use of hybrid corn. (In Portuguese.) Lav. e Criacão 13(4):46. Apr.1952. 49 L392

90256 MIHARA, Y., and TANI, N. On the mechanism and effect of shelter-hedge. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:43-44. June 1952. 340.9 So1
English summary.
For rice field.

90257 MOENS, A. The middle of harvest time—the stacking or piling of wheat. (In Dutch.) Boerderij 36 (45):1,3. Aug.6,1952. 12 B63

90258 MONTANARI, V. The work and example of Strampelli. (In Italian.) Agricoltura 1(7):27-29. July 1952. 16 Ag8226
Wheat breeding.

90259 NAKAMURA, S. Studies on the height limit of paddy field in Japan. 1. On the relation betwe height limit and air temperature in growing season of ri plant. (In Japanese.) Soc. Agr. Met. Japan. J. Ag. 7:62-64. June 1952. 340.9 So1
English summary.

90260 NICHOLSON, A. H. An all-round barley arrives; a new variety from Denmark proves of good malting quality and yields well. Farmer & Stock-Breeder 66(3278):49-50. Aug.19,1952. 10 F228

90261 NIKOLAEVA, V. I. Sorghum as silage. (In Russian.) Selek. i Semen. 19(3):79. Mar.1952. 61.9 Se5

90262 OLIVE, F. R., and ARGUETA, J. M. Mejores variedades y prácticas de cultivo del maíz para El Salvador. Cent. Nac. de Agron. B. Téc. 2,24 p. Nov.1951. 8 Sa54B

90263 PAL, B. P. Wheat breeding investigations at the Indian Agricultural Research Institute. Indian Bot. Soc. J. 30:1-13. Ref. 1951. 450 J821

90264 POE, W. D. Let's sow more wheat and oats early! Prog. Farmer, Carolinas-Va. Ed. 67(9):17,118. Sept.1952. 6 P945
Culture and yields in the Carolinas, Virginia, and Maryland.

90265 POLAK, B., and SUPRAPTOHARDJO, M. Pot and field experiments with maize on acid forest peat from Borneo. Indonesia. Gen. Agr. Res. Sta. Contrib. 25,17 p. Ref. Oct.1951. 109.5 Ea73

90266 POPOV, G. I. Reasons for stability of millet varieties. (In Russian.) Selek. i Semen. 19(3):31-40. Mar.1952. 61.9 Se5

90267 QUAAS, R. Der anbau von körnermais in abwasserverwertungsgebieten Mitteldeutschlands. Deut. Landwirt. 3:338. July 1952. 18 D4822

90268 RANDOLPH, L. F. New evidence on the origin of maize. Amer. Nat. 86:193-202. Ref. July/Aug.1952. 470 Am36

90269 ROSEN, H. R. Arkwin oats top yielder. South. Seedman 15(9):32. Sept.1952. 61.8 So8

90270 SAHA, J. C., and KAR, A. K. Cereal rye: methods of cultivation, and possibilities of its introduction in India. Bot. Soc. Bengal. B. 3:135-139. Oct.1949, pub.Sept.30,1951. 451 B659

90271 SASAKI, T. Inasaku [Rice culture]. Tokyo, Chikyu Shuppan Kabushiki Gaisha,1951. 535 p. 59.24 Sa7

90272 SATO, S. A climatological investigation on akiochi-phenomenon in culture of paddy-rice. 1. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:57-58. June 1952. 340.9 So1
English summary.
Effects of climate on the rice yields.

90273 SIREGAR, H. Variety-comparison and line selection in rice. (In Dutch.) Landbouw [Bogor] 23:485-509. Ref. Oct./Dec.1951. 22.5 L23
English summary.

90274 STANIUKOVICH, K. V. Perspectives for adapting viviparous buckwheat to culture in mountain areas and in tundras. (In Russian.) Bot. Zhur. 37:377. May/June 1952. 451 R923

90275 SUMANOV, E. IA. Origin of Milturum 321 [wheat]. (In Russian.) Selek. i Semen. 19(3):73-74. Mar.1952. 61.9 Se5

90276 TIEDT, L. O. Oats—good extra cash crop. Prog. Farmer, Tex. Ed. 67(9):15,116. Sept.1952. 6 T311
Culture and varieties in Texas.

90277 TIMOFEEVA-TIULINA, M. T. Hardiness of sprouting (perennial) wheat. (In Russian.) Selek. i Semen. 19(3):44-58. Mar.1952. 61.9 Se5

90278 TOVČAR, A. Biological measures for increasing corn production. (In Serbo-Croatian.) Biljna Proizvodnja 5:1-6. Jan./Feb.1952. 64.8 B49

90279 TSVETOUKHINE, V. Le sarrasin et ses possibilités d'amélioration. France. Inst. Natl. de la Rech. Ser. B: Ann. de l'Amelior. des Plantes 2:99-115. Ref. Jan./Mar.1952. 14 F8499A

90280 UNION NATIONALE DES COOPÉRATIVES AGRICOLES DE CÉRÉALES. Semences de printemps. Paris,1951. 39 p. 61.9 Un32S
Expérimentation sur les variétés d'avoine de printemps 1945-1949, par G. de Fosseux, A. Barraud et R. Mayer.

90281 WALLACE, H. A. H. Germination of injured and diseased cereal seed. Saskatchewan.U. Addresses & Proc. U. S. Saskatchewan Farm Week 1952:26-30. 101 Sa72

90282 WEBB, C. Ways to increase wheat production. Chamber Agr. Victoria. Ybk. 1952:13-15,17-20. 23 V663
Includes discussion.

90283 WHAT about winter oats? Farm Q. 7(3):42-43, 115-118. Autumn 1952. 6 F22995

90284 WILLIAMS, A. H. Pre-harvest drying of rice by chemical treatment. Down to Earth 8(2):2-3. Fall 1952. 381 D75
Defoliation.

90285 ZUBER, M. S. Hybrid seed corn production in Missouri. Mo. Agr. Expt. Sta. B. 580,22 p. June 1952. 100 M693

Fiber Crops

90286 ALGERIA. INSPECTION GÉNÉRALE ET DIRECTION DE L'AGRICULTURE. Le cotonnier en Algérie. Algeria. Insp. Gén. et Dir. de l'Agr. Doc. et Renseign. Agr. B. 171,71 p. Feb.1951. 24 AL34

90287 BALASUBRAMANIAN, R. The Cauvery Delta can solve cotton shortage. Indian Cotton Growing Rev. 6:70-75. Apr.1952. 72.8 In23
Culture.

90288 BROWN, C. H. Egyptian cotton in England. Egypt. Cotton Gaz. 16:73-75. May 1952. 72.8 Eg9

90289 CHAUDHURI, S. D., and AMINUL ISLAM, M. A comparative study of kenaf (Hibiscus cannabinus Linn) and altissima (Hibiscus sabdariffa var altissima). Pakistan J. Sci. 3:124-131. July 1951. 475 P172

90290 DANELL, N. Försök med spånadslin; resultat av växtodlings-, ogräs- och gödslingsförsök under åren 1943 (38)—1950 (51). Experiments with flax for fibre production. Sweden. Stat. Jordbrförsök. Meddel. 39,57 p. 1952. 104 Up63
English summary.

90291 DMITRIEV, B. Production method of the Marti Cotton State Farm. (In Russian.) Khlopkovodstvo 3:53-54. Mar.1952. 72.8 K522
Culture chiefly.

90292 JELAVIĆ, A. Cultivation of cotton in the Neretva Basin. (In Serbo-Croatian.) Biljna Proizvodnja 5: 56-62. Mar./Apr.1952. 64.8 B49

90293 KOLBÉ, F. The wildestokroos (Hibiscus cannabinus) [Kenaf Hibiscus] for fibre production. Farming So. Africa. 27:307-309,322. June 1952. 24 So842

90294 MENEZES, O. B. DE. Improvement of cotton culture in the Northeast. Lav. e Criacão 13(5):35-38. Ref. May 1952. 49 L392

90295 MIÉGE, E. L'avenir de la culture du cotonnier en Afrique du Nord et spécialement au Maroc. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:236-253. Ref. May/June 1952. 26 R323

90296 NAYAK, H. R. Effect of groundnut cake on the quality and agronomic characters of cotton. Indian Cotton Growing Rev. 6:76-81. Ref. Apr.1952. 72.8 In23

90297 NEDERLANDS VLASINSTITUUT. Vezelvlas [Flax] 1952. Nederlands Vlasinst. Vlugschr. 7,4 p. Mar. 25,1952. 73.19 W12
Varieties.

90298 ROZHDESTVENSKIĬ, M. Agronomical practices of cotton planting in the non-irrigated districts of cotton growing. (In Russian.) Khlopkovodstvo 3:35-43. Mar.1952. 72.8 K522

90299 TERESHKIN, G., and GUSHCHIN, B. On Soviet cotton varieties in the irrigated area and problems of selection. (In Russian.) Khlopkovodstvo 2:34-42. Feb. 1952. 72.8 K522

90300 VOĬCHUK, D. Ways of increasing productivity of the cotton plant (from the [cultural] practices of the squad of the Hero of Socialist Labor, Aleksandra Grishko). (In Russian.) Khlopkovodstvo 3:44-52. Mar.1952. 72.8 K522

90301 WARE, J. O. Origin and performance of principal cotton varieties in Arkansas. Ark. Agr. Expt. Sta. B. 527,65 p. June 1952. 100 Ar42

90302 ZIENKIEWICZ, H. Report on the flax studies in Holland, Belgium and North France as well as hemp studies in France and Italy. II. (In Swedish.) Lin 6:69-74. July/Aug.1952. 73.18 L63
Culture and processing.

Forage Crops and Grasses

90303 ALEKSEEV, M. A. Continuous green feed in advanced collective farms. (In Russian.) Kormovaîa Baza 3(2):11-14. Feb.1952. 60.8 K84

90304 ALLO, A. V. Paspalum in Bay of Plenty district. New Zeal. J. Agr. 85(1):57,59. July 15,1952. 23 N48J

90305 ALVIM, D. DE R. Care of pastures; shade helps to fatten cattle. (In Portuguese.) Lav. Arroz. 6 (64):44. Apr.1952. 59.8 L39

90306 ANDRADE, B. M. DE. Making hay. (In Portuguese.) Gado Holandês 16(182):25-27. Feb.1952. 43.8 G112

90307 ANTIPIN, N. A. Training for conducting a certification of natural meadows and pastures in Riazan Region. (In Russian.) Kormovaîa Baza 3(7):24-27. July 1952. 60.8 K84

90308 ARAUJO, A. A. DE. Planting pastures. (In Portuguese.) Lav. Arroz. 6(64):42-43. Apr.1952. 59.8 L39

90309 BARDAKOV, N. L. Echinochloa frumentacea - a valuable forage culture to insure continuous feed. (In Russian.) Kormovaîa Baza 3(2):63. Feb.1952. 60.8 K84

90310 BEREZOVSKII, I. L. Catch crop planting for continuous feed. (In Russian.) Kormovaîa Baza 3(2):62-63. Feb.1952. 60.8 K84

90311 BERGER, F. Untersuchungen von faktoren, die den luzernesamenansatz beeinflussen. Deut. Landwirt. 3:356-362. July 1952. 18 D4822

90312 BLANKFEL'D, ĬU. I. Growing alfalfa for seeds under shelter of millet. (In Russian.) Kormovaîa Baza 3(7):57-59. July 1952. 60.8 K84

90313 BOHL, K. Die ursachen der kalkempfindlichkeit der gelben lupine und ihre bedeutung für die praxis. Deut. Landwirt. 3:374-376. Ref. July 1952. 18 D4822

90314 BOIKO, L. E. Most important experiment conducted by collective farms in the Ukraine to obtaining large harvests of hay and seeds from perennial grasses. (In Russian.) Kormovaîa Baza 3(5):24-29. May 1952. 60.8 K84

90315 BRANNAN, C. F. Grass; nature's benediction. Washington,U. S. D. A., Off. Sec.,1952. 5 p. 1.91 A2B73
Talk to the Sixth International Grassland Congress, State College, Pa., Aug. 18, 1952.

90316 BRANNAN, C. F. Sixth International Grassland Congress, a world wide forum on grassland agriculture. Co. Agent & Vo-Ag Teacher 8(8):15-16. Aug.1952. 275.28 N213

90317 BURGER, O. J. Technique for marking pasture and hay plots which are harvested frequently. Agron. J. 44:452. Aug.1952. 4 Am34P

90318 CALLANTINE, E. J. Cheatgrass brome and Japanese brome. S. Dak. Stockgrower 6(7):3-4. Aug.15, 1952. 49 So84

90319 CAPURRO, E. Aprovechamiento de las pasturas naturales por medio de los pastoreos. Asoc. Rur. del Uruguay. Rev. 79(7):16-19. July 1952. 9.9 As5

90320 CARULLO, F. Increase of meat and improvement of pastures in the Emilia-Romagnola Appennines. (In Italian.) Mercanzia 7(6):23-24. June 1952. 287 B635

90321 CHAPMAN, L. Pasture management. Wash. State Col. Ext. B. 435,rev.,12 p. July 1952. 275.29 W27P

90322 CHECHULIN, V. I. Use of corn as cattle feed, mixed with other cultures. (In Russian.) Kormovaîa Baza 3(2):45-47. Feb.1952. 60.8 K84

90323 CRAIN, A. W. Establishing a coastal bermudagrass nursery. Tex. Agr. Col. Ext. MS-885,2 p. Mar. 1951. 275.29 T313M

90324 DAVIES, W. The grass crop; its development, use, and maintenance. London,Spon,1952. 318 p. Ref. (Agricultural Series) 60.1 D29

90325 DAVIES, W. Grassland management. Vet. Rec. 64:463-466. Aug.9,1952. 41.8 V641

90326 DEMKIN, A. P. 5.5 centners of timothy seeds per hectare from summer plantings. (In Russian.) Sovet. Agron. 10(6):33-36. June 1952. 20 So84

90327 DESCLAUDE, G. Trois années de paturage tournant en Saintonge. B. des Engrais 341:95-97. May 1952. 57.8 B87

90328 EBERLY, N. M. Grasslands Field Day. Ext. Serv. Rev. 23:135. Aug.1952. 1 Ex892Ex
Butler County, Pa.

90329 ELSUKOV, M. P. Role of winter wheat in continuous green feed supply. (In Russian.) Kormovaîa Baza 3(2):40-41. Feb.1952. 60.8 K84

90330 ESSKUCHEN. Betrachtungen zu den prüfungsergebnissen von importsaatversuchen zu futterleguminosen. Saatgut-Wirt. 4:162-163. July 1952. 61.8 Sa1

90331 FELDMANN, F. J. Grundsätzliches über die luzerne. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 1249-1250. Aug.14,1952. 18 L2346

90332 FILIPPOV, M. N., and PLOSHCHANIKOVA, E. A. Experiment in growing Jerusalem artichoke [for forage]. (In Russian.) Kormovaîa Baza 3(7):40-43. July 1952. 60.8 K84

90333 FOSTER, D. T. Good as gold. Ext. Serv. Rev. 23:115,122. July 1952. 1 Ex892Ex
Pasture improvement in Iowa.

90334 GENERALOV, F. S. Year-round continuous system for green and succulent forage. (In Russian.) Kormovaîa Baza 3(2):7-11. Feb.1952. 60.8 K84

90335 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Der feldfutterbau. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 27,16 p. 1951. 18 G312V

90336 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Höhere erträge von der dauerweide. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 38,15 p. Jan.1952. 18 G312V

90337 GLOSSARY of range terms. Wyo. Range Mangt. 49,5 p. (Cont.) July 1952. 60.19 W99

90338 GMELIN. Sorgen um das winterfutter. Württemb. Wchnbl. f. Landwirt. 119:676. July 26,1952. 18 W96
Culture of forage plants.

90339 GOLOVANOV, A. N. Our plan for hay mowing and forage ensiling. (In Russian.) Kormovaîa Baza 3(5): 12-15. May 1952. 60.8 K84

90340 GORMAN, M. J. Lucerne. Irish Horse 19:192-195. 1951. 42.8 Ir4
Chiefly culture in Ireland.

90341 GRASSLAND CONFERENCE, DAIRY HOUSE FARM, CHESHIRE, 1951. Proceedings. London,Imper. Chem. Indus.,1951. 22 p. 60.19 G76

90342 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Reseeding of grassland. Gt. Brit. Min. Agr. & Fisheries Adv. L. 390,4 p. Apr.1952. 10 G79La

90343 GRÌAZNOVA, E. ÎA. Check-hill method of growing fodder cabbage. (In Russian.) Kormovaîa Baza 3(5):38-40. May 1952. 60.8 K84

90344 HARVEY, C. Alfalfa-like trefoil wins Texas favor. South. Seedman 15(9):18,79. Sept.1952. 61.8 So8
Birdsfoot deervetch.

90345 HAUCK. Kann man der futternot jetzt noch begegnen? Württemb. Wchnbl. f. Landwirt. 119:739. Aug.16,1952. 18 W96
Culture.

90346 HODGSON, R. E. Importance of legumes in dairy pastures. Farmers Fed. News 32(12):6-7. Aug. 1952. 280.28 F225

90347 HOSTOS, B. L. DE. La Opuntia ficus, la tuna sin espinas, como planta forrajera. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Agr. 42(196): 24,39. Apr./June 1952. 8 R323

90348 HUMPHRIES, A. W. The breeding of new and improved pasture legumes. Westral. Farmers' Co-op Gaz. 22(403,stud stock sup.):41,43-44. June 1952. 280.28 W522

90349 IDAHO. UNIVERSITY. COLLEGE OF AGRICULTURE. EXTENSION SERV. Green gold in Idaho. Idaho. Agr. Col. Ext. C. 125,6 p.-folder. Sept.1952. 275.29 Id13C
Pasture management.

90350 IRELAND. DEPT. OF AGRICULTURE. The laying down of land to hay and pasture. Ireland. Dept. Agr. L. 42,11 p. Mar.1952. 10.5 Ir42

90351 IVIN, I. A. Feed supply base on the collective farms of the V. R. Vil'iams Model Machine-Tractor Station. (In Russian.) Kormovaîa Baza 3(7):15-17. July 1952. 60.8 K84
Field and forage crop rotations.

90352 JONES, B. J. Pasture value—analysis of grazing outlook will decide future course. West. Dairy J. 8(11):24-25. Sept.1,1952. 44.8 W524
Pasture care and grazing management.

90353 KAZANOK, A. F. High yields of alfalfa hay and seeds from summer plantings. (In Russian.) Kormovaîa Baza 3(7):59-60. July 1952. 60.8 K84

90354 KELLER, W. Grass seed—a new enterprise for Utah farmers. Farm & Home Sci. [Utah Sta.] 13:36-39. June 1952. 100 Ut1F

90355 KHARCHENKO, V. A. Continuous green feed system. (In Russian.) Kormovaîa Baza 3(2):64. Feb. 1952. 60.8 K84

90356 KONÙSHKOV, N. S. Additional green fodder is the foundation of the system of continuous green feed in the non-black-soil belt of the SSSR. (In Russian.) Kormovaîa Baza 3(2):27-30. Feb.1952. 60.8 K84

90357 KOTOV, P. F. Continuous system of green feed supply in Kamennaîa Steppe. (In Russian.) Kormovaîa Baza 3(7):7-11. July 1952. 60.8 K84
Culture of forage crops.

90358 KOVACEVIC, J. Ueber den krainischen rotkleesamen und seine untersuchung auf herkunft. Internatl. Seed Testing Assoc. Proc. 17:14-15. 1951/52. 61.9 In84P

90359 KRASNOKUTSKII, V. P. Utilization of summer squash to insure continuous green feed. (In Russian.) Kormovaîa Baza 3(2):48-50. Feb.1952. 60.8 K84

90360 KRAUSE, W. Die wichtigsten kräuter auf unseren wiesen. Bauern-Ztg. 5(33):11. (Cont.) Aug.15, 1952. 18 B324
Germany.

90361 KUYKENDALL, R., BELL, C. H., and SANDERS, T. G. Summer and Winter grazing research in Coastal Plain [Branch Experiment Station]. Miss. Farm Res. 15(8):1,7. Aug.1952. 100 M69Mi

90362 LAUMONT, P. Les fourrages. Rev. Agr. de l'Afrique du Nord 50:481-482. (Cont.) July 25,1952. 80 R326

90363 LAUMONT, P. Le kikuyu (Pennisetum clandestinum Hochst). Rev. Agr. de l'Afrique du Nord 50:415-416. June 27,1952. 80 R326

90364 LAUMONT, P., and GUEIT, M. Luzerne rhizomateuse algerienne. Rev. Hort. de l'Algérie 56:149-150. May 1952. 87 R32

90365 LAUMONT, P. Le napier (Pennisetum purpureum Schum.) Rev. Agr. de l'Afrique du Nord 50:379-380. June 13,1952. 80 R326

90366 LAUMONT, P. Le trèfle d'Alexandrie. Algeria. Insp. Gên. et Dir. de l'Agr. Doc. et Renseign. Agr. B. 173,28 p. Ref. 1951. 24 AL34

90367 LEEUWEN, A. VAN. Whitepopinac leadtree [Leucaena glauca Benth.] as horse fodder at Timor. (In Dutch.) Hemera Zoa 57:640. Nov.1952. 41.8 V51

90368 LEHMANN, U. Prüfung des deutschen weidelgrases in bezug auf verschiedene nutzungsarten. Saatgut-Wirt. 4:139-140. June 1952. 61.8 Sa1

90369 LIECHTI. Futternot im Unterengadin. Grüne 80:824-826. July 25,1952. 17 Sch9

90370 LISITSYN, P. I. Krashyĭ klever [Red clover]. Moskva,Gos. Izd-vo Selkhoz Lit-ry,1951. 532 p. (Izbrannye Sochineniîa 1) 64 L68

90371 LOREZ, C. Der wildheuet im Hinterrhein. Grüne 80:833-842. July 25,1952. 17 Sch9

90372 LOVE, R. M., and SUMNER, D. C. California range plants; key to improvement is knowledge and proper use of three easily distinguishable types of range plants. Calif. Agr. [Calif. Sta.] 6(7):3,12,14. July 1952. 100 C12Cag

90373 LOWERY, J. C. County pasture circulars. Ext. Serv. Rev. 23:127. July 1952. 1 Ex892Ex
Developed by county agents in Alabama.

90374 LOWERY, J. C. Good pastures on good farms. Prog. Farmer, Ga.-Ala.-Fla. Ed. 67(9):17,150. Sept.1952. 6 P945G
Management.

90375 LOWERY, J. C. The pasture program in Alabama. Better Crops Plant Food 36(7):17-18,37. Aug./Sept.1952. 6 B46

90376 LUBENETS, P. A., and NAGOVITSYNA, A. V. Utilization of seeds of wild-growing perennial grasses in the Kuban Area. (In Russian.) Kormovaía Baza 3(7):34-37. July 1952. 60.8 K84

90377 LYNCH, P. B. Measuring grass growth. New Zeal. J. Agr. 85(1):33. July 15,1952. 23 N48J

90378 MACEWAN, G. Good hay is an achievement. Canad. Cattlemen 15(8):10-11. Aug.1952. 49 C16

90379 MACHT, A. Roggen und zottelwicke einmal anders genutzt. Deut. Landwirt. 3:345. July 1952. 18 D4822

90380 MANIN, I. N. Continuous green feed for sheep under the arid conditions of northern Caucasia. (In Russian.) Kormovaía Baza 3(2):30-35. Feb.1952. 60.8 K84

90381 MELAMUD, E. Growing Mosgavi clover for seed. (In Hebrew.) Hassadeh 32:366. May 1952. 26 H27

90382 MICHAELIS. Grünland und futterbau. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.43-44. Kiel,1951. 33.27 Sch34

90383 MIÈGE, E. Le problème fourrager au Maroc: les cultures fourragères. Inform. Marocaine 603:1,4. Aug.2,1952. 281.8 In3

90384 MOBERG, W. W. Original grasslands of North Dakota. N. Dak. Agr. Expt. Sta. Bimon. B. 14: 240-241. July/Aug.1952. 100 N813B

90385 MOLEN, H. VAN DER, and KOELSTRA, J. Weidebouw [Pastures]. Groningen,Wolters,1951. 116 p. (Handleiding bij het Lager Land- en Tuinbouwonderwijs) 60.1 M73W

90386 MONZINI, A., and ARTOM, A. The vitamin content of produce and products used on the farm. IV-V. (In Italian.) Ann. della Sper. Agr. (n.s.)6:875-879,1021-1026. Ref. 1952. 16 An76
English summary.
IV, Vitamin B_2 content of fodders from meadows irrigated with sewer waters as compared with that of fodders from meadows irrigated with clean waters. V. Vitamin B content of vegetables, fruits, forages and feed-stuffs.

90387 MORTENSEN, E. Forage crop yields at the Winter Garden Station, 1930-46. Tex. Agr. Expt. Sta. Misc. P. 86,8 p. June 23,1952. 100 T31M

90388 NEAL, E. M., HALL, R. A., and JONES, J. H. Common, sweet and tift Sudan for pasturage. Tex. Agr. Expt. Sta. Prog. Rpt. 1467,2 p. June 16,1952. 100 T31P

90389 NIXON, W. M. Grass, Texas' greatest crop. Sheep & Goat Raiser 32(11):14-15. Aug.1952. 45.8 Sh3

90390 ORLOV, I., and BELOZOR, V. Organization of hay harvesting on a collective farm. (In Russian.) Kolkhoz. Proizvodstvo 12(5):23-25. May 1952. 281.8 K83

90391 OSTERLI, V. Want more feed from your pastures? West. Dairy J. 8(11):9,11,13. Sept.1,1952. 44.8 W524
Rationed grazing.

90392 OZEROV, N. S. Ways of increasing productivity of natural meadows and pastures of Oka River Valley. (In Russian.) Kormovaía Baza 3(7):27-29. July 1952. 60.8 K84

90393 PAŠKVAN, R. Vetch (Hedysarum coronarium L.) - a fodder plant of temperate regions. (In Serbo-Croatian.) Biljna Proizvodnja 5:114-119. May/June 1952. 64.8 B49

90394 PAUL, W. R. C. Notes on legumes. II. Trop. Agr. 109:225-228. Oct./Dec.1951. 26 T751

90395 PAVLENKO, E. K. On three-varietal grass-legume mixtures for the grass-field crop rotations in the beet growing area. (In Russian.) Sovet. Agron. 10(6): 37-39. June 1952. 20 So84

90396 PAVLOV, B. IA. Preservation and increase of the young crop of clover in the North-Western districts of the Khar'kov area. (In Russian.) Selek. i Semen. 19(3): 59-60. Mar.1952. 61.9 Se5

90397 PEDERSEN, M. W., and others. What's new in alfalfa varieties? Farm & Home Sci. [Utah Sta.] 13: 41-43. June 1952. 100 Ut1F
R. J. Evans, J. W. Carlson, and D. R. McAllister, joint authors.

90398 PENNY, J. M. Barnyard grass [Echinochloa crusgalli]. (In Portuguese.) Lav. Arroz. 6(64):23-24. Apr.1952. 59.8 L39

90399 POZNOKHIRIN, F. L. Summer planting of alfalfa with freshly-harvested seeds. (In Russian.) Kormovaía Baza 3(7):30-34. July 1952. 60.8 K84

90400 PRIDANTSEVA, O. I. Improvement of meadows and pastures by rotational grazing. (In Russian) Kormovaia Baza 3(7):18-23. July 1952. 60.8 K84

90401 RABES, F. Vorbereitung und durchführung der grassamenernte. Deut. Landwirt. 3:346-348. July 1952. 18 D4822

90402 RAGIMOV, M. A. Artichoke as a feed crop. (In Russian.) Kormovaía Baza 3(5):43-45. May 1952. 60.8 K84

90403 RAKHIMOV, B., and MASSINO, V. B. Obtaining high yields of forage beets on the irrigated lands. (In Russian.) Kormovaía Baza 3(7):38-39. July 1952. 60.8 K84

90404 ROBERTSON, J. H. Forage grasses for hay and pasture. II. Intermediate wheatgrass [Agropyron] varieties. Nev. Agr. Expt. Sta. C. 2,4 p. May 1952. 100 N41S

90405 ROBERTSON, J. H. Forage grasses for hay and pasture. III. Slender wheatgrasses, timothies and other rapid-growing short-lived grasses. Nev. Agr. Expt. Sta. C. 3,5 p. July 1952. 100 N41S

90406 RONDE, F. DE. More grass on pasture. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:276-279. July 1952. 12 N383M

90407 RUSSELL, H. G. Permanent pastures have been neglected. Shorthorn World 37(10):218-221. Aug. 1952. 43.8 Sh8

90408 RYZHIKOV, D. P. Sowing time and utilization of sudangrass [Sorghum vulgare sudanensis] for continuous green feed supply. (In Russian.) Kormovaía Baza 3(2):41-45. Feb.1952. 60.8 K84

90409 ŠARIĆ, A. Trifolium subterraneum. (In Serbo-Croatian.) Biljna Proizvodnja 5:63-65. Mar./Apr.1952. 64.8 B49

90410 SAVAGE, D. A. Proper management could double returns from range pasture land. West. Farm Life 54(10):36,42. May 15,1952. 6 R153

90411 SAXBY, S. H., and FAITHFUL, W. Developing ploughable tussock [Danthonia raouli] grassland in Southland. New Zeal. J. Agr. 85(1):46-47,49,51,53. July 15, 1952. 23 N48J

90412 SCHELLER. Sobald der roggen jetzt das feld räumt; unsere erfahrungen im zwischenfruchtbau auf leichten böden. Hannoversche Land- u. Forstwirt. Ztg. 105:747-748. July 26,1952. 18 H194

90413 SCHWENKEL, H. Holzwiesen in Würtemberg. Nat. u. Volk 81:175-179. Aug.1,1952. 509 F856

90414 A SEEDBED for pastures; preparing the right kind of seedbed is the first step in starting any grass or legume. Farm Q. 7(3):64-65,106-108. Autumn 1952. 6 F22995

90415 SHABANOV, E. I. Harvesting of clover seeds from grass-legume mixtures. (In Russian.) Kormovaía Baza 3(7):61-62. July 1952. 60.8 K84

90416 SHAFRAN, A. M., and IVANOVA, G. M. Winter vetch on collective farms in the Moscow area. (In Russian.) Kormovaía Baza 3(2):61-62. Feb.1952. 60.8 K84

90417 SHORT, L. R. New equipment for the 3-step method. U. S. Forest Serv. North Rocky Mountain Forest & Range Expt. Sta. Res. Note 111,4 p. Aug.1952. 1.9622 N3R31
Estimating trend in range condition.

90418 SILENKO, Z. V. Role of management technique to obtain a large crop of fodder beets. (In Russian.) Kormovaía Baza 3(5):33-38. May 1952. 60.8 K84

90419 SILSBURY, J. H. Kennedyas. Westral. Farmers' Co-op Gaz. 22(403,stud stock sup.):45,47. June 1952. 280.28 W522
Pasture plant.

90420 SILVER, E. A. Grass, new era in farming. Co. Agent & Vo-Ag Teacher 8(8):10-13. Aug.1952. 275.28 N213
Includes grassland farming equipment.

90421 SKAARE, S. Alfalfa—"queen of the pasture plants"—a forage plant that deserves the greatest attention. (In Norwegian.) Buskap og Avdrått 2:35-36. 1952. 49 B96

90422 SMIRNOV, M. N. Corn as a forage plant for sowing in the non-black-soil belt. (In Russian.) Kormovaía Baza 3(5):40-43. May 1952. 60.8 K84

90423 SMITH, J. E. Caucasian bluestem shows great promise; Southwest welcomes Russian emigré. South. Seedman 15(9):26. Sept.1952. 61.8 So8

90424 SOKOLENKO, N. F. From the experiment of summer planting of alfalfa in Odessa Region. (In Russian.) Sovet. Agron. 10(6):40-44. June 1952. 20 So84

90425 SOKOL'SKAÍÀ, B. P. Mowing seedlings of late maturing clover. (In Russian.) Kormovaía Baza 3(5):29-32. May 1952. 60.8 K84

90426 SOULE, G. H. Super hayseeds; seed treated with Du-Pont "Arasan" means more pasture and hay for farmers. Du Pont Mag. 46(4):8-9. Aug./Sept.1952. 309.8 D92

90427 SPENDLOVE, E. B. Water paints the range green. Soil Conserv. 18:16-17. Aug.1952. 1.6 So3S
Range improvement and gully control in Arizona.

90428 SPRAGUE, V. G., ROBINSON, R. R., and GARBER, R. J. Management of grasslands in the Northeastern States. Pa. Agr. Expt. Sta. B. 554,30 p. Ref. July 1952. 100 P381

90429 STAEHLER, H. Die bedeutung der mähweide für die verbesserung der grünlandwirtschaft. Grünland 1:21-24. Mar.1952. 18 G922

90430 STUBBS, J. R. Forage farming. Farm Mech. 4(40):324-326. Aug.1952. 58.8 B772

90431 SUSLOV, A. Summer and autumn plantings of grasses for seeds. (In Russian.) Kolkhoz. Proizvodstvo 12(5):59. May 1952. 281.8 K83

90432 TABOR, P. Old grass revived for rescue of southern pastures. South. Seedman 15(9):14,83. Sept.1952. 61.8 So8

90433 THOMPSON, H. E., AHLGREN, H. L., and MEDLER, J. T. Effect of cutting treatments and the control of injurious insects on seed production of Ladino clover (Trifolium repens L.). Agron. J. 44:411-414. Aug.1952. 4 Am34P

90434 THOMPSON, W. R. Giant white clovers bring "4 leaf" dividends. South. Seedman 15(9):15,36. Sept. 1952. 61.8 So8

90435 THOMPSON, W. R. The South's dark horse is 3-to-1 bet for'52; whether you call it Singletary, Wild Winter, or Caley pea, it's one legume that will bear watching. South. Seedman 15(9):13,20. Sept. 1952. 61.8 So8

90436 TIEMANN. Stoppelsaaten als zusätzliche futterbeschaffung mit guter vorfruchtwirkung für die nachfolgende hackfrucht. Grünland 1:58-60. Aug.1952. 18 G922

90437 TRAKHTOMIROVA, K. A. Reserves as a means of increasing the effectiveness of the system for continuous green feed. (In Russian.) Kormovaía Baza 3 (2):20-26. Feb.1952. 60.8 K84

90438 TURTSEVA, V. Grass and legume culture in the cotton crop rotations of Azerbaidzhan. (In Russian.) Khlopkovodstvo 2:16-20. Feb.1952. 72.8 K522

90439 TUYNMAN, D. S. Results of pasture management for 1947-48 to 1950-51. (In Dutch.) Landbode 6 (32):1. Aug.14,1952. 12 L234
Netherlands.

90440 UNDERWOOD, E. J. More productive crops and pastures. Westral. Farmers' Co-op Gaz. 22(403, stud stock sup.):49,51-52. June 1952. 280.28 W522
Culture.

90441 USENKO, G. Summer plantings of grasses and legumes. (In Russian.) Kolkhoz. Proizvodstvo 12(5):31. May 1952. 281.8 K83

90442 VARY, K. A. Grassland agriculture. Four Seasons 3(3):4-5. Summer 1952. 58.8 F82

90443 VERDIEV, Z. K. Late fall planting of feed beets in irrigated ground. (In Russian.) Kormovaía Baza 3(2):53-56. Feb.1952. 60.8 K84

90444 WEIHING, R. M., and HONORIEF, J. V. Treboles y hierba Dallis expontáneos despues de una cosecha de arroz. Agr. Mod. 5(11):12-13. June 1952. 6 Ag8

90445 WOODHOUSE, W. W., JR. Plan pastures to lick drouth. Prog. Farmer, Carolinas-Va. Ed. 67(9):15, 115. Sept.1952. 6 P945

Oil Crops

90446 ANDERSSON, G. The cultivation of winter rape and other oil plants in Sweden. World Crops 4: 301-304. Sept.1952. 281.8 W892

90447 ANDERSSON, G., and TEDIN, O. The oil plant culture in 1945—1946. (In Swedish.) Sveriges Utsädesför. Tidskr. 62:186-213. 1952. 61.9 Sv23
English summary.

90448 BOERGER, A. Der lein als oel- und faserpflanze des La Plata-gebiets. Mater. Veg. 1:17-42. Ref. July 1,1952. 64.8 M41
French summary.

90449 BORGES, H. Use of peanuts as a forage plant. (In Portuguese.) Gado Holandês 16(182):22-23. Feb.1952. 43.8 G112
Hay.

90450 CLYDESDALE, C. S., and GROOM, J. L. Linseed growing in Queensland. Queensland Agr. J. 74:311-322. June 1952. 23 Q33

90451 ELIASSON, S. Approach of the fall planting season. (In Swedish.) Lantmannen 36:623-624,634. Aug.9,1952. 11 L234
Oil crops and grain.

90452 GROHOVAC, S. Peanut growing in Poreč. (In Serbo-Croatian.) Biljna Proizvodnja 5:69-77. Mar./Apr. 1952. 64.8 B49

90453 HOLMBERG, S. A. The cultivation and breeding of soybeans in North America. (In Swedish.) Lantbrakad. Tidskr. 91:116-131. 1952. 104 Sw3
English summary.

90454 IGONIN, I. New sunflower variety, Saratovskii 10. (In Russian.) Kolkhoz. Proizvodstvo 12(5):58-59. May 1952. 281.8 K83

90455 KENNERLY, A. B. "Open sesame;" plant breeders are working their magic on one of the world's oldest oilseed crops. Humble Farm Family 9(3):8-9. Aug.1952. 6 F233

90456 LUTIKOV, I. Care of sunflower plantings. (In Russian.) Kolkhoz. Proizvodstvo 12(5):26-27. May 1952. 281.8 K83

90457 PROBST, A. H. New soybean varieties in Midwest. Grain & Feed J. Consolidated 109(5):25. Sept. 10,1952. 298.8 G762

90458 SAFFLOWER, a rotating crop for rice land. Rice J. 55(9):19-21. Sept.1952. 59.8 R36

90459 U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. Sesame, by M. L. Kinman. n.p.,1952. 9 p. 1.965 T2Se7

90460 WILAMOWITZ, T. VON. Lehren aus dem rapsanbaujahr 1951/52. Deut. Landwirt. 3:349-353. Ref. July 1952. 18 D4822

90461 ZIMMERMANN, H. G. Ernte und drusch der sonnenblumen beim heutigen stande der anbau-methoden. Deut. Landwirt. 3:341-343. July 1952. 18 D4822

90462 ZIMMERMANN, H. G. Wirtschaftseigene futtererzeugung durch anbau von sonnenblumen als stoppelzwischenfrucht. Deut. Landwirt. 3:343-345. July 1952. 18 D4822

Sugar Crops

90463 ABBOTT, E. V., and SUMMERS, E. M. Disease testing and initial selection procedure in sugarcane seedling progenies at the U. S. Sugar Plant Field Station, Houma, Louisiana. Internatl. Soc. Sugar Cane Technol. Proc. 7:109-116. 1950,pub.1951. 65.9 In84

90464 BARROS FRANCO, E. Variedades de remolacha azucarera para Chile. Simiente 21:15-20. 1951. 9.3 Si4

90465 BUZACOTT, J. H., and HUGHES, C. H. La expedición australiana a Nueva Guinea. Asoc. de Téc. Azucareros de Cuba. B. Ofic. 11:231-239. (Cont.) July 1952. 65.9 As5B

90466 BUZACOTT, J. H. Recent trends in the production of cane seedlings in Queensland by the Bureau of Sugar Experiment Stations. Internatl. Soc. Sugar Cane Technol. Proc. 7:90-97. 1950,pub.1951. 65.9 In84
Breeding program.
Includes discussion.

90467 BUZACOTT, J. H. Varietal changes in the Burdekin district. Queensland Soc. Sugar Cane Technol. Proc. 19:155-159. 1952. 65.9 Q332

90468 DUTT, N. L. The present cane varietal position in India. Internatl. Soc. Sugar Cane Technol. Proc. 7:294-303. 1950,pub.1951. 65.9 In84

90469 FERREIRA FILHO, J. C. Cultura da cana de açúcar. Rio de Janeiro,Ministério da Agricultura, Serviço de Informação Agrícola,1951. 48 p. (S.I.A. 769) 65 F412

90470 GARD, K. R. Twenty-five years of sugar-cane breeding at Macknade, Queensland. Internatl. Soc. Sugar Cane Technol. Proc. 7:62-73. 1950,pub.1951. 65.9 In84

90471 GOUAUX, C. B. Sugar cane test fields in 1951. Sugar B. 30:353-360,368. Aug.15,1952. 65.9 Am32
Louisiana.

90472 HEBERT, L. P., and MATHERNE, R. J. Results of sugarcane variety tests in Louisiana during 1951. Sugar B. 30:345-352,369-370. Aug.15,1952. 65.9 Am32

90473 HES, J. W. Postwar agricultural problems in the Java sugar industry. Internatl. Soc. Sugar Cane Technol. Proc. 7:152-155. 1950,pub.1951. 65.9 In84

90474 HUANG, J. C. When a rice farmer grows sugar cane, he must have a reason and a way. Taiwan Sugar Corp. TSC News Let. 14:1-4. Mar.20,1952. 65.9 T13

90475 JUL REYES, G., and BARROS FRANCO, E. Determinación de la época de siembra y de cosecha de la remolacha azucarera en Chile. Simiente 21:21,23-29. 1951. 9.3 Si4

90476 JUL REYES, G. Producción de semilla de remolacha azucarera por medio del método de "invernización en el campo." Simiente 21:9-13. 9.3 Si4

90477 KING, N. J. Varietal deterioration in Queensland. Internatl. Soc. Sugar Cane Technol. Proc. 7:56-62. 1950,pub.1951. 65.9 In84
Includes discussion.

90478 LOH, C. S., and TSENG, P. M. Notes on sugar cane nobilization methods. Internatl. Soc. Sugar Cane Technol. Proc. 7:254-265. 1950,pub.1951. 65.9 In84

90479 LÜDECKE. Probleme des rübenvereinzelns unter besonderer berücksichtigung der beschaffenheit des saatgutes. Agrarpolit. Rev. 8:369-380. June/July 1952. 281.8 Ag824
Sugar beets.

90480 LUDECKE, H. Bericht über mehrjährige versuche zur frage der arbeitsersparnis und ertragsgestaltung bei verwendung von monogermsamen im vergleich mit normalsamen und bei gleichzeitiger berücksichtigung verschiedener aussaatgeräte und aussaatmengen. Z. f. die Zuckerindus. 2:49-53. Ref. Feb.20,1952. 65.8 D48
Germany.

90481 MILLS, P. J., and CHILTON, S. J. P. The effect of certain fungicides as seed treatments for sugar cane in Louisiana. Internatl. Soc. Sugar Cane Technol. Proc. 7:197-202. 1950,pub.1951. 65.9 In84

90482 QUEENSLAND SOCIETY OF SUGAR CANE TECHNOLOGISTS. Proceedings of the nineteenth conference, Townsville, Queensland, from 17th to 23rd April, 1952. South Brisbane,1952. 190 p. 65.9 Q332

90483 RAHEJA, P. C. Analysis of sugarcane yields. II. Relative influence of season, irrigation intervals, methods of planting and nitrogen doses on yield and quality of cane. Indian J. Agr. Sci. 21:203-214. Ref. Sept.1951. 22 Ag83I

90484 RAHEJA, P. C. Growth studies on Saccharum officinarum. III. Manurial series. Indian J. Agr. Sci. 21:215-229. Ref. Sept.1951. 22 Ag83I

90485 RAO, J. T. Xeromorphic adaptations in sugar cane for resistance to drought. Internatl. Soc. Sugar Cane Technol. Proc. 7:82-89. Ref. 1950,pub.1951. 65.9 In84

90486 RIOLLANO, A. Nuevas variedades de caña de azucar. P. R. (Rio Piedras) Agr. Expt. Sta. B. 91, 102 p. Aug.1951. 100 P83

90487 SORNAY, A. DE. The selection of sugar-cane seedlings from first-ratoon populations. Internatl. Soc. Sugar Cane Technol. Proc. 7:128-134. 1950,pub.1951. 65.9 In84

90488 STEVENSON, G. C. New horizons in sugar cane breeding. Internatl. Soc. Sugar Cane Technol. Proc. 7:73-82. Ref. 1950,pub.1951. 65.9 In84
Includes discussion.

90489 VALSECHI, O. A queima da cana de açúcar e suas consequências [Burning sugarcane and its consequences]. Sao Paulo,1951. 123 p. 65 V24
Tese - Escola Superior de Agricultura "Luiz de Queivoz" Universidade de São Paulo.

90490 VAN DILLEWIJN, C. Sugarcane in Ceylon. Trop. Agr. 109:207-217. Oct./Dec.1951. 26 T751

90491 VILLAFAÑE, A. Zafra azucarera en Jujuy. Pampa Argentina 25(294):20-21. June 1952. 9 P19
Sugarcane harvesting.

90492 VSESOÍÙZNYI NAUCHNO-ISSLEDOVATEL'SKIÍ INSTITUT SAKHARNOI SVEKLY. Sveklovodstvo. Tom II. Agrotekhnika sakharnoĭ svekly [Beet production. Volume II. Agronomical practices for sugar beets]. Kiev, Gos. Izd-vo Selkhoz Lit-ry USSR,1951. 551 p. 66 V963

Tobacco

90493 ANDERSON, P. J. A half century of tobacco research. 4. Cigar Val. News 2(4):4. Apr.1952. 286.89 C482
Culture and curing at the Tobacco Laboratory of the Connecticut Agricultural Experiment Station at Windsor.

90494 GORNIK, R. Deux nouveaux types de tabac dans la production tabatière en Macedoine. (In Serbo-Croatian.) Tutun 2:37-45. Feb.1952. 69.8 T88

90495 GORNIK, R. Deux nouveaux types de tabac dans la production tabatière en Macedoine. b) Virginia Bright. (In Serbo-Croatian.) Tutun 2:87-94. Mar.1952. 69.8 T88

90496 GORNIK, R., and MARKOVIC, S. Experiments with cigar tobacco growing in Focha. (In Serbo-Croatian.) Tutun 2:3-14. Jan.1952. 69.8 T88
English summary.

90497 GORNIK, R. The problem of tobacco production in Macedonian Peoples Republic. (In Serbo-Croatian.) Socijalistićko Zemjodelstvo 4(3/4):20-26. Mar./Apr.1952. 280.28 So7

90498 HATTORI, M. Character of tobacco-planting which is connected with maintenance of smaller peasant's economies in the South Kyushu. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:423-428. Nov.1951. 107.6 K995B
English summary.

90499 LEMOIGNE. La culture du tabac au Cameroun et en Afrique Équatoriale Française. Rev. des Tabacs 27(198):31-34. (Cont.) Summer 1952. 69.8 R325

90500 PATCHE, L. Quelques questions actuelles sur la productions de tabacs dans la RP. Macedonienne. (In Serbo-Croatian.) Tutun 2:15-19,94-102. Jan.,Mar. 1952. 69.8 T88

HORTICULTURAL CROPS

Includes articles on general horticulture, and on varieties, breeding, cultural practices, and yield.

General

90501 BOSKOOP VERENIGUNG "DE PROEFTUIN." Jaarboek uitgegeven door de vereniging "de proeftuin" te Boskoop. [Yearbook published by the Association for Horticultural Testing at Boskoop Nursery Station] 1951. Boskoop,1952? 96 p. 86 B65

90502 BURDETT, J. H. Planting time. Amer. Hort. Cong. Proc. 4/5:36-37. 1949-50,pub.1951. 80 Un32Y

90503 CHATTERJEE, D., and RANDHAWA, G. S. Standardised names of cultivated plants in India. I. Fruits. Indian J. Hort. 9(2):24-36. June 1952. 80 In2

90504 CRAWFORD, W. G. Fruit and vegetable cropping in North Otago. New Zeal. J. Agr. 85(1):55-56. July 15,1952. 23 N48J

90505 DAVIS, A. M. Horticultural photography. Amer. Hort. Cong. Proc. 4/5:37-39. 1949-50,pub.1951. 80 Un32Y

90506 DEERING, R. B. Horticultural schools of California. University of California at Davis. Calif. Hort. Soc. J. 13:109-112. July 1952. 81 C1293

90507 EAST MALLING RESEARCH STATION. Annual report (thirty-ninth year) 1951. Maidstone,Kent,1952. 208 p. 103 Ea7

90508 FLORESTAN, C. G. Hortensiana; oder, gärtnerei aus liebe. Stuttgart,Deutsche Verlage-Anstalt, 1952. 227 p. 90 F663

90509 FRESE, P. F. Horticultural progress in New York. Amer. Hort. Cong. Proc. 4/5:3-4. 1949-50,pub. 1951. 80 Un32Y

90510 GARRETT, R. N. Accomplishments in horticultural education by the National Council of State Garden Clubs. Amer. Hort. Cong. Proc. 4/5:39-42. 1949-50,pub. 1951. 80 Un32Y

90511 GLASAU, F. Die entwicklung des schleswig-holsteinischen baumschulengebietes. Deut. Baumsch. 4:179-181. July 1,1952. 80 D486

90512 GLASAU, F. Die entwicklung des schleswig-holsteinischen baumschulengebietes. II. Deut. Baumsch. 4:211-215. Aug.1952. 80 D486

90513 GREY, C. H. The northern horticultural society. Roy. Hort. Soc. J. 77:314-320. Sept.1952. 84 L84J

90514 HULL, MRS. L. M. United we stand. Amer. Hort. Cong. Proc. 4/5:54-59. 1949-50,pub.1951. 80 Un32Y
Plea for a united horticulture.

90515 IRVING, A. J. Horticulture in therapy. Amer. Hort. Cong. Proc. 4/5:15-18. 1949-50,pub.1951. 80 Un32Y

90516 JACK, J. S., HUDSON, C. J., JR., and GILLESPIE, N. How to garden. Pop. Gard. [Albany] 3(9):40-42,48-49. Sept.1952. 80 P812

90517 JOINER, J. Time to set out year's 2nd crop., Fla. Grower 6(9):23. Sept.1952. 80 F6622
Vegetables and small fruits.

90518 KRODEL, F. Gartenbauliche streiflichter aus Nordafrika. Deut. Baumsch. 4:153-157. June 1,1952. 80 D486

90519 KRUIK, P. A., and MOS, D. DE. Horticulture in France. II. (In Dutch.) Groenten en Fruit 8:54. July 24,1952. 80 G89

90520 KRÜSSMANN. Weitere beiträge zur etikettenfrage. Deut. Baumsch. 4:218-219. Aug.1952. 80 D486

90521 LAWRENCE, G. H. M. Plant lists for inclusion in Hortus Third. Amer. Hort. Cong. Proc. 4/5:42-44. 1949-50,pub.1951. 80 Un32Y

90522 MARSHALL, R. E. Coordination of short courses and a four-year program in horticulture. Amer. Hort. Cong. Proc. 4/5:71-77. 1949-50,pub.1951. 80 Un32Y

90523 MASSACHUSETTS HORTICULTURAL SOCIETY. Yearbook 1952. Boston,1952. 56 p. 81 M38A

90524 MATTERN, H. Die schule und ihre freiflächen. Pflanze u. Gart. 2(7):16-18. July 1952. 80 P48

90525 MELLIN, HANSCOM, & HURSH. Plant patents. Calif. Avocado Soc. Ybk. 1951:49-52. 81 C128

90526 NEDDEN, B. ZUR. Die vielseitigkeit der intelligenten gärtnerin. Pflanze u. Gart. 2:11-13. June 1952. 80 P48

90527 O'ROURKE, F. L. The present status of ornamental horticultural technical training programs. Amer. Hort. Cong. Proc. 4/5:77-83. 1949-50,pub.1951. 80 Un32Y

90528 ØSTERGAARD, J. Organization of a Danish horticultural historical association. (In Danish.) Gart.-Tid. 68:253-254. July 14,1952. 80 G192

90529 PEARCE, S. C. The design of calibration trials with three varieties. East Malling Res. Sta. Annu. Rpt. 39:105-107. 1951,pub.1952. 103 Ea7

90530 PRESTON, A. P. Weather conditions during 1951. East Malling Res. Sta. Annu. Rpt. 39:97-99. 1951, pub.1952. 103 Ea7

90531 ROGERS, W. S. Protection from spring and autumn frosts by continuous water sprinkling. East Malling Res. Sta. Annu. Rpt. 39:197-198. 1951,pub.1952. 103 Ea7

90532 ROTHANSL, H. Der ländliche hausgarten. Obst u. Gartbau. 7:87-88,100. (Concl.) June-July 1952. 80 Ob75

90533 SPICER, R. W. Needs of the horticultural industries. Chamber Agr. Victoria. Ybk. 1952:37-39,41-48. 23 V663
Includes discussion.

90534 STYER, J. F. Organizing for registration and testing of new plants. Amer. Hort. Cong. Proc. 4/5:44-47 1949-50,pub.1951. 80 Un32Y

90535 SUTCLIFFE, A. Horticulture as a part of city life. Amer. Hort. Cong. Proc. 4/5:26-28. 1949-50,pub. 1951. 80 Un32Y
Educational resources at the Brooklyn Botanic Garden.

90536 UNSERE baumschulen - statistisch gesehen. Deut. Baumsch. 4:172-174. July 1,1952. 80 D486

90537 VILMORIN, R. DE, and CHOPINET, R. Polyploïdie expérimentale:résultats acquis pour l'horticulture. Jard. de France (ser.7)6:153-166. June/July 1952. 86 So13

90538 WÄDENSWIL. EIDGENÖSSISCHE VERSUCHS-ANSTALT FÜR OBST-, WEIN- UND GARTENBAU. Jahresbericht 1949-1951. Landwirt Jahrb. der Schweiz (n.s.) 1:563-699. 1952. 17 L23

90539 WÄDENSWIL. EIDGENÖSSISCHE VERSUCHS-ANSTALT FÜR OBST-, WEIN- UND GARTENBAU. Zur 50-jahr-feier. Schweiz. Z. f. Obst- u. Weinbau 61:321-358 Aug. 23, 1952. 80 Sch9

90540 WELLS, J. S. Pointers on propagation. Amer. Nurseryman 96(5):13,40. Sept.1,1952. 80 Am371

90541 ZUCKER, I. My definition of quality garden writing. Amer. Hort. Cong. Proc. 4/5:65-69. 1949-50, pub.1951. 80 Un32Y

Fruits--General

90542 ASAKURA, K., ed. Rakuyo kaju [Fruit trees]. Tokyo, Asakura Shoten,1951. 267 p. 93.5 As1

90543 BLINOV, L. F. Fruit culture on the state farms of Uzbekistan. (In Russian.) Sad i Ogorod 5:18-21. May 1952. 80 Sa13

90544 BROWN, W. N. The High Weald of Kent. Estate Mag. 52:277-281. July 1952. 10 Es8
Fruit culture.

90545 CATTRICK, A. Pioneers of South African fruit industry. Pretoria,1952. 4 p. 93.05 C29

90546 CHEVALIER, A. L'abbé Antoine Le Gendre (1590-1665) est-il l'inventeur de la culture des arbres fruitiers en espalier? Acad. des Sci. Compt.Rend. 235:277-279. July 28,1952. 505 P21

90547 FILIPENKO, I. M. To solve the fundamental problems in fruit culture. (In Russian.) Sad i Ogorod 2:21-22. Feb.1952. 80 Sa13

90548 FRANCOTTE, C. La taille de formation des arbres fruitiers. Cour. Hort. 14:319-320. June 1952. 80 C834

90549 THE FRUIT-grower, market gardener and glasshouse nurseryman year book 1951. London,Benn, 1951. 236 p. 80 F949

90550 FURNEAUX, B. Ploughman spare that tree. Grower [London] 38:344-345. Aug.23,1952. 286.83 M34
Fruit culture.

90551 JEANNEAU, Y. Complément d'été de la taille des arbres fruitiers. Rev. Agr. de l'Afrique du Nord 50: 453-454. July 11,1952. 80 R326

90552 KEMMER, E., and SCHULZ, F. Das frostproblem im obstbau. I. Der blütenfrost. Berlin. U. Inst. f. Obstbau. Merkbl. 16,19 p. Feb.1952. 93.6 B45

90553 KEMMER, E. Sortenstand und sortenbewegung im deutschen obstbau. Rev. ed. Berlin U. Inst. f. Obstbau. Merkbl. 6,27 p. May 1952. 93.6 B45

90554 LAUSCHMANN. Meine eindrücke vom dänischen edelobstbau. Obst u. Gartbau. 7:91,105-106. (Concl.) June-July 1952. 80 Ob75

90555 LIEPINS, K. Results of work of Michurian laboratories on kolkhozes of Latvian SSR in 1949 and 1950. (In Latvian.) Latv. PSR Zinātņu Akad. Vēst. 3: 377-414. 1951. 511 R442
Fruit breeding.

90556 LISAVENKO, M. A. On what we're working in 1952. (In Russian.) Sad i Ogorod 2:3-6. Feb.1952. 80 Sa13
Fruit and berry research at Altaĭskafa Plodovo-fAgodnafa Opytnafa Stanfsifa.

90557 MAURER, K. J. Raumbedarf bestimmende faktoren bei obstgehölzen. Reich der Landfrau 32:259. Sept.8,1952. 18 L2347

90558 METLITSKIĬ, Z. A. Problems in development of fruit culture in the area of Stalingrad Hydroelectric Station. (In Russian.) Sad i Ogorod 1:7-13. Jan.1952. 80 Sa13

90559 METZNER, R. Versuchsberichte der Württ. Lehr- und Versuchsanstalt für Wein- und Obstbau in Weinsberg. Obstbau 71:119-120. Aug.1,1952. 80 Ob73

90560 MILLIMAN, L. H. New techniques learned on summer orchard tours. Better Fruit 47(3):9,18. Sept.1952. 80 B46
Yakima, Wash.

90561 NEPUSTIL. Extensiver obstbau auf ackerland erschwert die landarbeit. Obstbau 71:120-122. Aug.1, 1952. 80 Ob73

90562 PHILLIP, A. G. Fruit culture and fruit preservation. 15(52):9-12. Oct.1951/Jan.1952. 80 P962

90563 ROSHCHIN, I. L. In the effort for annual yields. (In Russian.) Sad i Ogorod 1:33-35. Jan.1952. 80 Sa13
Fruit culture on Mikoian State Farm in Moldavian SSR.

90564 RUDORF, W., and ZWINTZSCHER, M. Betrachtungen zur einführung neuer obstsorten in den anbau. Hess. Obstbau 7:69-71. May 1952. 80 G1932

90565 SAS, A. Collective farm orchards. (In Russian.) Kolkhoz. Proizvodstvo 12(5):18-20. May 1952. 281.8 K83

90566 SCHEERER, G. Fruchttragende hecken. Ed. 3, rev. and enl. Berlin,Gartenverlag,1951. 144 p. 459.3 Sch22

90567 SLATE, G. L. Fruits to plant in the fall. Pop. Gard. [Albany] 3(9):30,70-72,75. Sept.1952. 80 P812

90568 SNYDER, L. C. The home fruit planting. Minn. U. Agr. Ext. B. 255,rev.,27 p. May 1952. 275.29 M66S

90569 SOLOV'EVA, M. A. Effect of agricultural practices on degree of frost injury to fruit trees. (In Russian.) Sad i Ogorod 2:28-32. Feb.1952. 80 Sa13

90570 TANAKA, C. Kaju bunruigaku [Classification of fruits]. Tokyo,Kawade Shobo,1951. 274 p. 452 T15

90571 TEISSEIRE. Le Centre d'Apprentissage Arboricole des Mechtras. Rev. Hort. de l'Algérie 56:161-166. May 1952. 87 R32

90572 U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. The home fruit garden in the Pacific Coast States and Arizona. U. S. D. A. L. 224,rev.,8 p. Aug.1952. 1 Ag84L
Includes varieties.

90573 WEGER, N. Frostschadenverhütung. Hess. Obstbau 7:67-69. May 1952. 80 G1932

Fruits--Citrus and Subtropical

90574 ALEKSANDROV, A. D. Indoor culture of lemons. (In Russian.) Sad i Ogorod 2:44-47. Feb.1952. 80 Sa13

90575 AMADO CASTILLO, D., and SAGRERA R., G. El cultivo del aguacate. Cent. Nac. de Agron. C. Agr. 47,4 p. Oct.1951. 8 Sa54C

90576 AVOCADO variety catalog. Calif. Avocado Soc. Ybk. 1951:28-32. 81 C128

90577 BLACKBURN, B. The plant in the picture – pawpaw [Asimina triloba]. Pop. Gard. [Albany] 3(9): 39,60. Sept.1952. 80 P812

90578 BUZI, C. C. Sur la necessité d'intensifier les recherches concernant l'oleiculture et l'oléifaction dans les pays de la Mediterranée. Feuilles d'Inform. Oléicoles Internatl. (n.s.)12:65-73. Mar./Apr.1952. 80 F43
English summary.

90579 CALIFORNIA AVOCADO SOCIETY: Year book 1951. Los Angeles,1951. 224 p. 81 C128

90580 CEYLON. DEPT. OF AGRICULTURE. HORTICULTURAL DIV. A new variety of mango for the low and mid wet zones. Trop. Agr. [Peradeniya] 107:184. July/Sept.1951. 26 T751

90581 COKE, J. E. What we can do. Calif. Avocado Soc. Ybk. 1951:59-61. 81 C128
Avocado research.

90582 CONDIT, I. J. Avocado bibliography. Calif. Avocado Soc. Ybk. 1951:124-127. 81 C128
Annual supplement to Condit, I. J., Bibliography on the avocado.

90583 DELPHEY, C. C. The avocado picture in Ventura County. Calif. Avocado Soc. Ybk. 1951:63-66. 81 C128

90584 FLETCHER, W. A. Passionfruit culture. New Zeal. Dept. Agr. B. 135,11 p. 1952. 23 N48Bu

90585 FREITAS, H. DE. Citrus culture and its economic importance. (In Portuguese.) Lav. e Criacão 13 (4):37-38. Apr.1952. 49 L392
Brazil.

90586 FROLICH, E. F. Rooting Guatemalan avocado cuttings. Calif. Avocado Soc. Ybk. 1951:136-138. 81 C128

90587 GOODALL, G. Avocado practices in Ventura County. Calif. Avocado Soc. Ybk. 1951:67-70. 81 C128

90588 GRANGER, J. A. Dooryard citrus plantings in Florida, revised by A. F. Camp. Fla. Agr. Col. Ext. B. 140,rev.,23 p. May 1952. 275.29 F66

90589 GUSTAFSON, C. D. Frost protection of young avocado trees. Calif. Avocado Soc. Ybk. 1951: 84-86. 81 C128

90590 HALMA, F. F., and SMOYER, K. M. Cold-hardiness of young avocado trees on Mexican and Guatemalan rootstocks. Calif. Avocado Soc. Ybk. 1951: 75-78. 81 C128

90591 HERSHKOVITZ, E. Pomegranate-growing in Israel. (In Hebrew.) Hassadeh 32:382-386. May 1952. 26 H27

90592 HODGSON, R. W. The principal work of the Division of Subtropical Horticulture on the avocado. Calif. Avocado Soc. Ybk. 1951:53-57. 81 C128

90593 HUGHES, T. J. Quality nursery stock a 'must.' Fla. Grower 60(9):15,22,24. Sept.1952. 80 F6622
Citrus.

90594 IKRAM-UL-HAQ, M. Botanical description of the citrus rootstocks under trial in the Punjab. Punjab Fruit J. 15(52):12-17. Ref. Oct.1951/Jan.1952. 80 P692

90595 LUNA ERCILLA, C. A. La palmera, productora de datiles. Argentina. Min. de Agr. y Ganad. P. Misc. 360,27 p. 1952. Ref. 9 P943

90596 MORETTINI, A., and ARMELLINI, S. First contribution to the study of the olive varieties cultivated in the Province of Ascoli Piceno. (In Italian.) Ann. della Sper. Agr. (n.s.)6:1093-1115. Ref. 1952. 16 An76
English summary.

90597 MORETTINI, A., and MASSACESEI, A. Leccio del Corno, olive strain resistant to low temperatures and Cycloconium. (In Italian.) Agr. Tosc. 7:219-222. July 1952. 16 Ag827

90598 NORO, K. Bibliographical studies on the olive tree. II. (In Japanese.) Kagawa- Ken Agr. Col. Tech. B. 3:140-157. Mar.1952. 107.6 K113
English summary.

90599 ORLOV, I. I. Variety testing of subtropical crops. (In Russian.) Sad i Ogorod 1:48-49. Jan.1952. 80 Sa13

90600 PATT, J. Intercrops in the citrus grove. (In Hebrew.) Hassadeh 32:429-430. June 1952. 26 H27

90601 RICHARDS, A. V. Banana cultivation in Australia. Trop. Agr. 109:229-235. Oct./Dec.1951. 26 T751

90602 RYZHEN'KOVA, E. Citrus culture. (In Russian.) Selek. i Semen. 19(3):61-64. Mar.1952. 61.9 Se5

90603 SCHNACKENBERG, R. A. The economic feasibility of planting tip grafted avocado trees. Calif. Avocado Soc. Ybk. 1951:188-208. Ref. 81 C128

90604 SCHROEDER, C. A. Avocado materials for horticultural research. Calif. Avocado Soc. Ybk. 1951: 107-112. 81 C128

90605 TELĬUK, L. N. Citrus crops in Odessa Region. (In Russian.) Sad i Ogorod 1:49-50. Jan.1952. 80 Sa13

90606 WAHLBERG, H. E. Are you ready for the fall winds? Calif. Citrog. 37:451-453. Sept.1952. 80 C125
Windbreaks.

90607 WHITE, F. A. Avocado practices in Santa Barbara County. Calif. Avocado Soc. Ybk. 1951:71-74. 81 C128

90608 WINSLOW, M. M. Avocado variety trials at Riverside. Calif. Avocado Soc. Ybk. 1951:25-27. 81 C128

90609 WINSLOW, M. M. Avocado variety trials; progress report describes tree and fruit characteristics of four most promising varieties in test at Riverside. Calif. Agr. [Calif. Sta.] 6(7):9,13,15. July 1952. 100 C12Cag

90610 WRENCH, P. G. Israel's citrus; Australian visitors impressed by high level of tree health on most commercial groves. Citrus News 28:85. June 1952. 80 C494

90611 YARICK, B. E. Care of little trees. Calif. Avocado Soc. Ybk. 1951:79-83. 81 C128

90612 YOSHINO, M. Phenology of the citrus flowers and their local flowering dates in north Izu region. 1-2. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:68-73. June 1952. 340.9 So1
English summary.

90613 ZIN'KOVSKĬĬ, V. Lemons in Maĭkop. (In Russian.) Sad i Ogorod 2:48. Feb.1952. 80 Sa13

Fruits--Deciduous

90614 AKHUND-ZADE, I. M. Dwarf apple tree in Azerbaidzhan. (In Russian.) Sad i Ogorod 2:24-25. Feb. 1952. 80 Sa13

90615 AUBIN, L. Les meilleures variétés de pêches cultivées dans la région parisienne. Jard. de France (ser.7)6:128-136. May 1952. 86 So13

90616 BANTA, E. S. Peach grove. Amer. Fruit Grower 72(9):14. Sept.1952. 80 G85

90617 BOMEKE, H. Versuche mit hormonen im obstbau. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:87-89. Mar.1952. 410.9 G31M

90618 BRASE, K. D. Dwarf fruit tree planting. Pop. Gard. [Albany] 3(9):31. Sept.1952. 80 P812

90619 BRY, A. Les élagages constituent-ils une première opération d'ordre sanitaire? Pomol. Franç. 79: 26-27. Feb.1952. 80 P77

90620 BURMISTROV, A. D. Winter grafting of prunes and the prospects of its adaptation in Latvia. (In Russian.) Latv. PSR Zinātņu Akad. Vest. 4:551-578. 1951. 511 R442

90621 CHASSANY, J. Les gelées de printemps et la période dite "lune rousse." Pomol. Franç. 79:27-32. Feb.1952. 80 P77

90622 CHEVALIER, A. Le Centenaire du Poirier Passe-Crassane fête à Rouen en octobre 1949. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:273-277. May/June 1952. 26 R323

90623 DEKKER, P. Apple varieties with a future. (In Dutch.) Zaad-, Bloem- en Bollenwereld 16:307,309. July 1952. 61.8 Z12

90624 DEKKER, P. Aspects of English fruit culture. (In Flemish.) Cult. en Handel 18:446-448. Aug.1952. 80 C892

90625 EINSET, O. Experiments in pollinating cherries. (In Norwegian.) Gartneryrket 42:521-522. July 26,1952. 80 G1938

90626 FAIVRE, M. La lutte contre les gelées de printemps en culture fruitière. Rev. Hort. 124:735-738. July/Aug.1952. 80 R32

90627 FEDORENKO, M. M. Spreading apricots. (In Russian.) Sad i Ogorod 1:23-24. Jan.1952. 80 Sa13

90628 GLEASON, B. L., and O'ROURKE, F. L. Tests on peach rootstocks. Amer. Nurseryman 96(5): 10,45-47. Sept.1,1952. 80 Am371

90629 GOLOVACHEV, D. L. Plums in Cheliabinsk Region. (In Russian.) Sad i Ogorod 1:38-40. Jan.1952. 80 Sa13

90630 HABRAN, R. Le poirier. B. Hort. (n.s.)7: 181-182. (Cont.) June 1,1952. 80 B873

90631 HARRISS, R. W. Factors affecting transplanting; is it worth while? Fruit-Grower 2957:363-364. Aug.28,1952. 80 F941
Fruit.

90632 HUS, P. Excursion to Switzerland. III. (In Dutch.) Fruitteelt 42:592-595. July 31,1952. 86 N28
Fruit culture chiefly.

90633 KARNATZ, H. Uber windschutzpflanzungen im obstbau. Obstbauversring. Mitt. 7:86-87. May 1952. 85 J76

90634 KELLI, A. CH. On dwarf rootstocks for pears. (In Russian.) Sad i Ogorod 2:26-28. Feb.1952. 80 Sa13

90635 KRAVCHENKO, E. P. Crown formation of various apple varieties in connection with branching and vigor of growth. (In Russian.) Sad i Ogorod 2:16-19. Feb.1952. 80 Sa13

90636 KUZNETSOV, M. D. Handling of roots in transplanting grown trees. (In Russian.) Sad i Ogorod 5: 16-17. May 1952. 80 Sa13
Fruit trees.

90637 LUR'E, I. G. Replacing transplantation [of fruit] by planting clipped sprouts. (In Russian.) Sad i Ogorod 2:6-11. Feb.1952. 80 Sa13

90638 MALASHENKO, P. V. Transplanting grown fruit trees. (In Russian.) Sad i Ogorod 5:11-16. May 1952. 80 Sa13

90639 MARGOLIN, A. F. Frost resistance of dwarf tree rootstocks. (In Russian.) Sad i Ogorod 2:23. Feb. 1952. 80 Sa13

90640 MAURER, K. J. Verhüten und heilen von frostschäden bei obstgehölzen. Obstbau 71:115-117. Aug.1, 1952. 80 Ob73

90641 MEURMAN, O. A short reply to Consultant O. Stoy's criticism of the American pruning method. (In Swedish.) Sveriges Pomol. För. Fruktodlaren 3:69-71. 1952. 86 Sv2F
Apples.

90642 MOCHALOV, V. Z. Accelerated method of growing apple rootstocks. (In Russian.) Sad i Ogorod 2:78-79. Feb.1952. 80 Sa13

90643 MOSSE, B. A study of the bark-wood relationship in apple stems. East Malling Res. Sta. Annu. Rpt. 39:70-75. 1951,pub.1952. 103 Ea7

90644 NEAME, T. Developments in fruit growing at home and abroad. East Malling Res. Sta. Annu. Rpt. 39: 53-61. 1951,pub.1952. 103 Ea7

90645 NESTEROV, A. S. Distribution of apple varieties in the orchard. (In Russian.) Sad i Ogorod 1: 30-32. Jan.1952. 80 Sa13

90646 OOSTEN, A. VAN. On a visit to a small fruit grower. (In Dutch.) Fruitteelt 42:606-607. Aug.14,1952. 86 N28
Orchard management.

90647 PARFENOV, A. T. On shaping the apple tree in the nursery. (In Russian.) Sad i Ogorod 2:19-20. Feb.1952. 80 Sa13

90648 RASMUSSEN, E. J., and ADAMS, H. W. Plan your harvest for increased profits. Amer. Fruit Grower 72(9):10-11. Sept.1952. 80 G85

90649 REMY, A. Mission d'étude de la production fruitière dans l'Est des Etats-Unis. Rev. Hort. 124: 718-722. (Cont.) May/June 1952. 80 R32
Peaches.

90650 ROSELLA, E. A propos du choix des porte-greffes contre le capnode et les dépérissements. Prog. Agr. et Vitic. 138:124-125. Aug.24/31,1952. 14 P94

90651 RUDORF, W., and ZWINTZSCHER, M. Betrachtungen zur einführung neuer obstsorten in den anbau. Deut. Baumsch. 4:158-160. June 1,1952. 80 D486

90652 SCHEIL, W. Neupflanzungen und umveredelungen auch während der kirschenernte nicht vergessen! Obstbauversring. Mitt. 7:115-116. June 1952. 85 J76

90653 SEMENOV, I. M. In regard to the choice of varieties in orchards. (In Russian.) Sad i Ogorod 1:24-29. Jan.1952. 80 Sa13

90654 SIUBAROVA, E. P. Attention to an old pear variety, Bera Slutskaia. (In Russian.) Sad i Ogorod 1: 76. Jan.1952. 80 Sa13

90655 STOY, O. Pruning of fruit trees. (In Swedish.) Sveriges Pomol. För. Fruktodlaren 3:72-75. 1952. 86 Sv2F

90656 TESKE, A. H. Let's talk about fruit growing. Va. Fruit 40(7):3-4,6,8. July 1952. 81 V81B

90657 THALHEIM, F. Der kirschenanbau im Kreise Witzenhausen. Hess. Obstbau 7:87-88. June 1952. 80 G1932

90658 TIKHONOV, N. N. On apple varieties for spreading culture. (In Russian.) Sad i Ogorod 1:18-23. Sad i Ogorod 1:18-23. Jan.1952. 80 Sa13

90659 TSABOLOV, R. G. Accelerated growing of apple planting stock. (In Russian.) Sad i Ogorod 2:10-11. Feb.1952. 80 Sa13

90660 TYDEMAN, H. M. The effect of the time of pollination on fruit development and maturity in Cox's Orange Pippin apples. East Malling Res. Sta. Annu. Rpt. 39:67-69. 1951,pub.1952. 103 Ea7

90661 TYDEMAN, H. M. Michaelmas Red--a new dessert apple. East Malling Res. Sta. Annu. Rpt. 39:100. 1951,pub.1952. 103 Ea7

90662 VAHL, E. VON. Vorsicht bei blockpflanzungen mit Schubacks Früher Schwarzer. Obstbauversring. Mitt. 7:83-85. May 1952. 85 J76
Cherries.

90663 VANICEK, K. H. Die verwendung von obstgehölzen in feldhecken. Deut. Landwirt. 3:388-390. July 1952. 18 D4822

90664 VARENTSOV, I. I. Canning varieties of plums. (In Russian.) Sad i Ogorod 1:36-38. Jan.1952. 80 Sa13

90665 VRIJHOF, B. Artificial coloring of apples. (In Dutch.) Fruitteelt 42:546-547. July 10,1952. 86 N28

90666 WARD, K. M. The peach. Queensland Agr. J. 74:323-334. June 1952. 23 Q33
Culture in Queensland.

90667 WARD, K. M. Pruning apple trees. Fruit World & Mkt. Grower 53(7):11. July 10,1952. 80 F948

90668 WINKELMANN-WENK. Unsere obstsorten. Deut. Baumsch. 4:160-162. (Cont.) June 1,1952. 80 D486

90669 ZINCHENKO, G. A. On dwarf fruit trees. (In Russian.) Sad i Ogorod 2:25-26. Feb.1952. 80 Sa13
Apples.

90670 ZWINTZSCHER, M. Zwei neue steinobstsorten "Primavera" und "Magna Glauca." Deut. Baumsch 4:183-188. July 1,1952. 80 D486

Fruits--Small

90671 BOSIAN. Technische voraussetzungen für den rebenveredlungserfolg. I. Deut. Weinbau 7:265. June 5,1952. 390.8 W432

90672 BOSIAN. Technische voraussetzungen für den rebenveredlungserfolg. II. Deut. Weinbau 7:313. July 5,1952. 390.8 W432

90673 BOSIAN. Technische voraussetzungen für den rebenveredlungserfolg. III. Deut. Weinbau 7:360-361. Aug.5,1952. 390.8 W432

90674 BROMBERG, A., and MROŻEWSKI, S. Investigations on quality of whortleberries (Vaccinium myrtillus L.). (In Polish.) Inst. Badawczy Lesn. Prace 77:7-15. 1951. 99.9 W26
English summary.

90675 CARRION, P. Las variedades tintas del pais. Semana Vitivinic.7(312):2-3. June 21,1952. 95.8 Se5

90676 COLLET, B., and COUPIN, A. Comportement des porte-greffes employés en Tunisie pour la reconstitution du vignoble. Feuille d'Inform. Vitic. et Arbor. de Tunisie. 26:2-15. Nov.1951. 80 F433

90677 DU PLESSIS, S. J. Vineyard nursery. (In Afrikaans.) Wynboer 21(251):11. Aug.1952. 390.8 W724

90678 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. The loganberry. Gt. Brit. Min. Agr. & Fisheries. Adv. L. 129,5 p. Apr.1952. 10 G79La

90679 HEMPHILL, D. D. Performance of new strawberry varieties in Missouri. Mo. Agr. Expt. Sta. B. 576,4 p. June 1952. 100 M693

90680 KEIJZER, R. DE. Forced culture of strawberries. (In Flemish.) Tuinbouwberichten 16:102-103. July 15,1952. 80 T817

90681 LUQUE E., J. A. Conviene la poda mixta en la vid. Chacra 22(261):34. Aug.1952. 9 C34

90682 MARKIN, M. I. Starting vineyards with green planting stock. (In Russian.) Sad i Ogorod 2:39-41. Feb. 1952. 80 Sa13

90683 MIR, R. M. Los hibridos productores directos. Cult. Mod. 35:258. July 1952. 15 C89
Grapes.

90684 MORTENSEN, E. Grape rootstocks for southwest Texas. Tex. Agr. Expt. Sta. Prog. Rpt. 1475,11 p. Ref., July 12,1952. 100 T31P

90685 MOSER, L. Welche unterlagen—welche böden? Deut. Weinbau 7:359-360. Aug.5,1952. 390.8 W432

90686 NASTEV, D. Restoration of viticulture. (In Serbo-Croatian.) Socijalističko Zemjodelstvo 4(3/4): 36-46. Mar./Apr.1952. 280.28 So7
Yugoslavia.

90687 OOSTEN, A. VAN. Small fruit culture in America. V. (In Dutch.) Groenten en Fruit 8:22. July 10,1952. 80 G89

90688 PEREZ-SALAS Y LAMO DE ESPINOSA, J. Principales masas de viñedo en España. Semana Vitivinic. 7(316):2-3. July 19,1952. 95.8 Se5

90689 PÉREZ-SALAS Y LAMO DE ESPINOSA, J. Viñedos de Extremadura. Semana Vitivinic. 7(318):2-3. Aug.2,1952. 95.8 Se5

90690 PINKOW, H. Welche unterlage in welchen boden? Deut. Weinbau 7:209-210. May 5,1952. 390.8 W432

90691 PIROVANO, A. Expensive copper and direct producing hybrids. (In Italian.) Agr. Tosc. 7:223-225. July 1952. 16 Ag827
Grape varieties and their advantages including their value for wine.

90692 SCHELL, H. Ein kleiner ausschnitt aus dem beerenobstbaugebiet zwischen Mainz und Bingen. Hess. Obstbau 7:83-85. June 1952. 80 G1932

90693 SCHUPPE, E. Erdbeer-sortenbeschreibungen. II. Deut. Baumsch. 4:203-208. Aug.1952. 80 D486

90694 SCHUPPE, E. Sortenbeschreibungen von erdbeeren. Deut. Baumsch. 4:143-152. June 1,1952. 80 D486

90695 SERPUKHOVITINA, S. F. Practices of the leading grape growers. (In Russian.) Sad i Ogorod 1: 42-45. Jan.1952. 80 Sa13

90696 TOGEL. Die erdbeere und deren kultur. Obst u. Gart. 6:119-120. Sept.1951. 80 Ob75

90697 VIDAL, J. À travers le vignoble marocain. Rev. Agr. de l'Afrique du Nord 50:423. (Cont.) June 27, 1952. 80 R326

90698 WOOD, C. A. Raspberry varieties in Great Britain. East Malling Res. Sta. Annu. Rpt. 39:82-92. Ref. 1951,pub.1952. 103 Ea7

Nuts

90699 CAMP, W. H. Chestnut of tomorrow. Horticulture 30:360,364. Sept.1952. 80 H787
A new hybrid, immune to blight, a timber tree, with good quality nuts.

90700 MILLER, W. M. The Macadamia or Queensland nut. Calif. Avocado Soc. Ybk. 1951:128-133. 81 C128

90701 MORELLI, A. A glance at cultivation of walnuts in Venetia. (In Italian.) Agr. delle Venezie 6:366-376. Aug.1952. 16 Ag826
Juglans regia.

90702 ZARUBIN, A. F. On the reconstruction of the nut forests in Kirghiz SSR. (In Russian.) Lesn. Khoz. 4 (12):46-49. Dec.1951. 99.8 L5622

Shade Trees and Ornamental Plants

90703 ADAMS, MRS. C. R. Successful transplanting. Card. Club Amer. B. 40(5):57-58. Sept.1952. 90.32 G16

90704 AGEE, MRS. O. Primula nutans (Soldanelliodeae). Amer. Primrose Soc. Q. 10:9. July 1952. 96.575 Am3

90705 AL'BENSKIĬ, A. V. On the propagation of Schisandra. (In Russian.) Sad i Ogorod 1:71. Jan.1952. 80 Sa13

90706 ALLEN, F. H. Flower forcing for early market on a Dutch nursery. Roy. Hort. Soc. J. 77:320-332. Sept.1952. 84 L84J

90707 ALLEN, R. C. American Rose Foundation organized. Amer. Rose Mag. 10(8):14-15. Aug.1952. 80 Am327A

90708 AMELINCKX, F. Landscape gardening, style and beauty. (In Flemish.) Cult. en Handel 18:457-458. Aug.1952. 80 C892

90709 AMERICAN DAHLIA SOCIETY. 1952 classification of Dahlias. Chicago?1952? 29 p. 96.524 Am3C
Central States Dahlia Society cooperating.

90710 ARNDT, H. VON. Moderner blumenschmuck. Pflanze u. Gart. 2(7):22-25. July 1952. 80 P48

90711 BACHER, J. G. A bit of Primula potpourri. Amer. Primrose Soc. Q. 10:7-8. July 1952. 96.575 Am3

90712 BALL, V. Greenhouse snap culture. Grower Talks 16(2):4-12. June 1952. 80 G91

90713 BALL, V. How was your P.A.S.? Grower Talks 16(3):22-23. July 1952. 80 G91
Percentage available sunshine.

90714 BALL, V. No pinch pot mums. Grower Talks 16(3):12-15. July 1952. 80 G91

90715 BALL, V. Pansy sowing time! Grower Talks 16(3):1-4. July 1952. 80 G91

90716 BALL, V. Three crops a year! Grower Talks 16(4):1-13. Aug.1952. 80 G91
Rotation of Chrysanthemums and snapdragons.

90717 BARTHOLOMEW, H. The organic Iris gardener speaks up. Amer. Iris Soc. Region 1. Semi-Annu. B. 5:42-43. July 1952. 81 Am392

90718 BARTLETT, F. A. Let's use more red maples as shade trees on city streets. Amer. City 67(9):135. Sept.1952. 98.58 Am31

90719 BARTON, MRS. G. W. W. Begonia studies in comparative languages. Begonian 19:202. Sept.1952. 96.511 B39
Varietal names.

90720 BASTELEUS, R. L'amélioration des pensées à grandes fleurs. Cour. Hort. 40:370-371. July 1952. 80 C834

90721 BASTELEUS, R. Les Tritomas (Kniphophia). Cour. Hort. 14:311-312. June 1952. 80 C834

90722 BEDBROOK, C. The Iris family. Roy. Hort. Soc. J. 77:333-335. Sept.1952. 84 L84J

90723 BEGG, A. R. The retrospect of an orchid fancier. Austral. Orchid Rev. 17:45-50. June 1952. 80 Au73

90724 BERRY, MRS. C. F. Fragrance in the summer garden. Horticulture 30:300,319. Aug.1952. 80 H787

90725 BLACK, P. Orchids for export. Austral. Orchid Rev. 17:57-58. June 1952. 80 Au73

90726 BLACKBURN, B. Plant for permanence. Flower Grower 39(10):6,8. Oct.1952. 80 M72
Trifoliate orange.

90727 BLASDALE, W. C. Primula suffrutescens and its cultivation. Amer. Primrose Soc. Q. 10:2-4. July 1952. 96.575 Am3

90728 BLOIS, P. DE. Les roses tremières. Cour. Hort. 40:373. July 1952. 80 C834
Althea rosea.

90729 BOARDER, A. Cactus cultural notes. Cactus & Succulent J. Gt. Brit. 14:50-51,63. July 1952. 450 C113

90730 BOCKES, O. Bring the woods indoors in winter. Flower Grower 39(10):36-37,55-56. Oct.1952. 80 M72

90731 BOERNER, F. Der schnitt der ziergehölze. Grundlagen u. Fortschr. im Gart.- u. Weinbau 105,105 p. 1952. 80 G922

90732 BOSSARD, R., and GRISVARD, P. Quelques suggestions pour la décoration estivale des jardins. Jard. d'Aujourd'hui 2:37-42. Summer 1952. 80 J286

90733 BOWERS, C. G. Possibilities for improving hardy Rhododendrons and Azaleas. Amer. Hort. Cong. Proc. 4/5:60-63. 1949-50,pub.1951. 80 Un32Y

90734 BOWLES, E. A. A handbook of Crocus and Colchicum for gardeners, with a chapter on changes of nomenclature by B. L. Burtt. Rev. ed. London, Bodley Head,1952. 222 p. 452.3 B68H

90735 BRADLEY, C. Early-flowering Camellias. Flower Grower 39(10):28-29,71. Oct.1952. 80 M72

90736 BROEN, M. En los jardines modernos pueden emplearse piedras y rocas como motivos decorativos. Mundo Agr. 4(38):55-56. July 1952. 9 M92
Argentina.

90737 BROOKS, W. More about Mexican Begonias. 2. Begonian 19:198-199. Sept.1952. 96.511 B39

90738 BROWN, J. R. An interesting Agave [Agave leopoldii]. Cactus & Succulent J. 24:99. July/Aug.1952. 451 C11

90739 BROWN, R. F. Notes on Oncocyclus Iris. Amer. Iris Soc. Region 1. Semi-Annu. B. 5:30-32. July 1952. 81 Am392

90740 BURKHART, L. New shade tree [Rhus lancea] for Arizona? Prog. Agr. Ariz. 4(2):6. July/Sept.1952. 6 P9452

90741 BURTT, B. L., ed. British flowers in colour. London,Odhams,1952. 192 p. 458 B95

90742 CARBERY, J. L. Cymbidiums from flask to flower. Orchid Digest 16:162-164. (Concl.) July/Aug. 1952. 80 Or172

90743 CARLETON, R. M. Growing plants under artificial light. Horticulture 30:338,357. Sept.1952. 80 H787

90744 CARRA, P. Les Narcisses. Rev. Hort. de l'Algérie 56:153-160. May 1952. 87 R32

90745 CARTER, J. C. Modern practices in tree work. Arborist's News 17:67-71. Aug.1952. 99.8 Ar14

90746 CHAUMIER, P. Les plantes d'appartement. Jard. d'Aujourd'hui 2:52-57. Summer 1952. 80 J286

90747 CHEVALIER, C. Seringat et Philadelphus. B. Hort. (n.s.)7:211-213. July 1,1952. 80 B873

90748 CIZERON, J. Arbustes et plantes grimpantes. Jard. d'Aujourd'hui 2:50-51. Summer 1952. 80 J286

90749 COLVIN, B. Garden architecture. Country Life [London] 112:764-765. Sept.12,1952. 80 C83

90750 COMBER, J. Transplanting small trees and shrubs. Gard. Chron. 132:64-65. Aug.16,1952. 80 G162

90751 CORBIN, W. Some difficult Rhododendron names. Amer. Rhododendron Soc. Q. B. 6:153-154. July 15,1952. 81 Am398

90752 CORNMAN, J. F. Mat formation on putting greens. Golf Course Rptr. 20(4):8-12,14. July/Aug.1952. 60.18 G83

90753 CUDAHY, MRS. J. M. The Morton Arboretum. Gard. Club Amer. B. 40(5):3-9. Sept.1952. 90.32 G16

90754 CUMMING, R. Keep an eye on the mums. Flower Grower 39(10):30-32. Oct.1952. 80 M72

90755 DAKERS, J. S. Bulbs for early spring. Homes & Gard. [London] 34(3):65-66. Sept.1952. 318.8 Ou7

90756 DEBRUS, J. La culture du Chrysantheme. Cour. Hort. 40:377-379. July 1952. 80 C834

90757 DEBUISSON, J. La duplicature des giroflées quarantaines. B. Hort. (n.s.)7:203-208. Ref. July 1, 1952. 80 B873

90758 DEFOREST, F. The best of the new Iris. Amer. Iris Soc. Region 1. Semi-Annu. B. 5:16-18. July 1952. 81 Am392

90759 DELACOUR, J. An outdoor Cactus garden in Normandy. Cactus & Succulent J. Gt. Brit. 14:68-69. July 1952. 450 C113

90760 DENTON, W. Cultivation of succulents. Cactus & Succulent J. Gt. Brit. 14:52-53. July 1952. 450 C113

90761 DEWERTH, A. F. Gerberas, daisies, Dahlias. South. Florist & Nurseryman 65(23):90-91. Aug.29,1952. 80 So86

90762 DEWERTH, A. F. Plants for the Southwest. South. Florist & Nurseryman 65(25):88-90. Sept.12,1952. 80 So86
Fremontia, Pistacia and Fraxinus velutina.

90763 DIX, J. F. C. Crocus species. I. Zaad-, Bloem- en Bollenwereld 16:281,283. July 1952. 61.8 Z12

90764 DOLMAN, J. JR. Ramases and the pinks. Amer. Iris Soc. Region 1. Semi-Annu. B. 5:21-25. July 1952. 81 Am392

90765 ELKJAER, M. Fuchsia varieties in Denmark. (In Danish.) Gart.-Tid. 68:314-315. Sept.1,1952. 80 G192

90766 ELLIOT, E. A. A plea for hardy ferns. Gard. Chron. 132:65. Aug.16,1952. 80 G162

90767 ELLIS, C. K. Chrysanthemums can give a brilliant display in the flower garden. New Zeal. J. Agr. 84:521,523. June 16,1952. 23 N48J

90768 EMSWELLER, S. L. Recent advances in floricultural research of interest to gardeners. Amer. Hort. Cong. Proc. 4/5:5-14. 1949-50,pub.1951. 80 Un32Y

90769 EVANS, J. Little red flower that flourished. Fuchsia Fan 12(8):4-5. Aug.1952. 96.532 F952

90770 EVERETT, C. A., comp. Parentages-supplementary. Gladiolus Mag. 16(3):16-17. July 1952. 96.43 N44 Suppl

90771 FARRINGTON, E. I. Plant them where they belong. Horticulture 30:342-343. Sept.1952. 80 H787
Shrubs.

90772 FISHER, G. G. Aberystwyth "S" strains of grasses. Sports Turf Res. Inst. J. 8:50-55. 1951. 60.19 B772

90773 FLORENCHIE, P. Le Sophora secundiflora. Rev. Hort. de l'Algérie 56:167. May 1952. 87 R32

90774 FOSTER, M. B. How well do you know your bromeliads? Bromeliad Soc. B. 2:42. (Cont.) July/Aug. 1952. 451 B78

90775 FOSTER, R. Benevolent bromeliads. Bromeliad Soc. B. 2:46-47. (Cont.) July/Aug.1952. 451 B78

90776 FREE, M. Self-trimming with herbaceous perennials. Home Gard. 20(3):56-59. Sept.1952. 80 H756

90777 FUCHS, H. Et du nord au midi: floralies. Rev. Hort. 124:709-713. May/June 1952. 80 R32

90778 FUCHS, H. Semis et plantations de fleurs. Jard. d'Aujourd'hui 1:27-28. Spring 1952. 80 J286

90779 GATES, H. E. Mexico. II. Cactus & Succulent J. 24:103-105,128. July/Aug.1952. 451 C11

90780 GAULTER, L. New Iris on the West Coast. Amer. Iris Soc. Region 1. Semi-Annu. B. 5:36-37. July 1952. 81 Am392

90781 GAVRILOV, G. S. Reason why the Hortensia heads were dropping. (In Russian.) Sad i Ogorod 5:68-69. May 1952. 80 Sa13
Culture.

90782 GELEIN, C. Survey of present Lathyrus varieties. (In Dutch.) Vakbl. v. de Bloemisterij 7:245. July 4,1952. 80 V22

90783 GÉRARD, R. Fenêtres et balcons. Jard. d'Aujourd'hui 2:43-46. Summer 1952. 80 J286

90784 GILLEAUDEAU, G. A garden by the sea. Pop. Gard. [Albany] 3(9):24-27. Sept.1952. 80 P812

90785 GRAHAM, MRS. D. G. Care of house plants. Gard. Club Amer. B. 40(5):27-30. Sept.1952. 90.32 G16

90786 GREEN, G. G. Unusual succulents. Cactus & Succulent J. Gt. Brit. 14:58-63. July 1952. 450 C113

90787 GROSSMAN, J. There's fascinating variety in species tulips. Pop. Gard. [Albany] 3(9):28-29,52-53. Sept.1952. 80 P812

90788 GRULLEMANS, J. J. A friendly peek into the horticultural future. Amer. Hort. Cong. Proc. 4/5:19-26. 1949-50,pub.1951. 80 Un32Y
Progress in the culture of ornamentals.

90789 HAGER, H. Why feed orchid plants? Amer. Orchid Soc. B. 21:658-660. Sept.1952. 80 Am329

90790 HALLOWELL, C. Remake your lawn in one day. Country Gent. 122:83,103. Sept.1952. 6 C833

90791 HAMETER, E. Ein kleiner ziergarten. Obst u. Gartbau. 7:101-102. July 1952. 80 Ob75

90792 HANEY, W. J. Gladiolus segregation. Gladiolus Mag. 16(3):2,30. July 1952. 96.43 N44 Suppl

90793 HANSEN, R. M. June in the Trial Garden of the American Rhododendron Society at Crystal Lake Springs Island. Amer. Rhododendron Soc. Q. B. 6:155-156. July 15,1952. 81 Am398

90794 HANSEN, R. M. A Portland Rhododendron garden. Amer. Rhododendron Soc. Q. B. 6:145-147. July 15, 1952. 81 Am398

90795 HARRIS, W. B. Lawns: the care and seeding of. Woman's Day 15(12):38,40,154-155. Sept.1952. 321.8 W842

90796 HARRISON, J. R. More Mohrs in New England. Amer. Iris Soc. Region 1. Semi-Annu. B. 5:34-35. July 1952. 81 Am392

90797 HARRISON, J. R. Pink-toned Iris. II. Amer. Iris Soc. Region 1. Semi-Annu. B. 5:3-13. July 1952. 81 Am392

90798 HARVEY, N. P. The rose in Britain. Ed. 2. London, Plant Protect.,1952. 181 p. Ref. 96.1 H262

90799 HASSEWER, W. L. La germination des plantes alpines. Cour. Hort. 14:318-319. June 1952. 80 C834

90800 HAWKES, A. D. The magnificent Sobralias. Orchid Digest 16:160-162. July/Aug.1952. 80 Or172

90801 HAYSOM, C. G. The Auricula month by month. Amer. Primrose Soc. Q. 10:8. July 1952. 96.575 Am3

90802 HEIMLICH, A. T., and THIBODEAU, J. Small treasures for your garden. Horticulture 30: 348. Sept.1952. 80 H787
Narcissus.

90803 HELLYER, A. G. L. New roses of distinction Country Life [London] 112:680-681. Sept.5,1952. 80 C83

90804 HENSCHEID, C. Flowering Cacti in Idaho. Cactus & Succulent J. 24:116-117. July/Aug.1952. 451 C11

90805 HERBERT, C. My quarter of a century with Rhododendrons. Amer. Rhododendron Soc. Q. B. 6:162-164. July 15,1952. 81 Am398

90806 HERBST, M. Tulipomania is still with us. Horticulture 30:336-337. Sept.1952. 80 H787

90807 HETHERINGTON, E. E. Cattleya hybrids for year-round blooms. Amer. Orchid Soc. B. 21:652-657. Sept.1952. 80 Am329

90808 HOECK, N. Praktisches über pflege und zusammenpflanzung von lilien und andern gewächsen. Pflanze u. Gart. 2(7):27. July 1952. 80 P48

90809 HOLLAND, L. J. Meeting the flower families: Boraginaceae: Borage family. Green Thumb [Denver] 9(8):8-9. Aug.1952. 80 G82

90810 HOUGHTON, K. W. Getting the greenhouse ready for winter. Horticulture 30:344,363. Sept.1952. 80 H787

90811 HOUSKEEPER, MRS. W. G. Fringed gentian established. Gard. Club Amer. B. 40(5):10-11. Sept. 1952. 90.32 G16
Gentiana crinita in northern New Jersey.

90812 HUBBARD, F. C. There's beauty and profit in Regal lilies. Pop. Gard. [Albany] 3(9):32-33,57. Sept. 1952. 80 P812

90813 HUBBARD, W., FARMER, R., and HOLLEY, W. D. A comparison of two cutting methods on Better Times and Pink Delight roses. Colo. Flower Growers Assoc. B. 33:1-4. July 1952. 81 C715

90814 INGWERSEN, W. Knowing and growing Violas; needs of the rarer species. Nurseryman & Seedsman 115: 272-273. Aug.7,1952. 80 N933

90815 JOHNSON, H. A Cactus collector in the Andes. III. Cactus & Succulent J. 24:120-122. (Cont.) July/Aug 1952. 451 C11

90816 JOHNSON, M. P. Eremurus, the foxtail-lily. Home Gard. 20(3):61. Sept.1952. 80 H756

90817 JONES, D. R. Espalier your Fuchsias. Fuchsia Fan 12(8):10-11. Aug.1952. 96.532 F952

90818 KAMMERER, E. L. Twelve indispensable plants for use in shade. Morton Arboretum. B. Pop. Inform. 27:33-36. Aug.1952. 99.9 M84

90819 KATTS, K. V. Hortensia. (In Russian.) Sad i Ogorod 5:65-68. May 1952. 80 Sa13

90820 KELLENBERGER, F. S. Episcia, plant of beautiful leaves. Home Gard. 20(3):54-55. Sept.1952. 80 H756

90821 KNUTSSON, A. Pansies—past and future. Grower Talks 16(3):5-9. July 1952. 80 G91

90822 KOK, J. A. Winter-hardy Opuntias. Succulenta 4:56-58. July/Aug.1952. 450 Su12

90823 KOLASINSKI, R. Dig your own. Cactus & Succulent J. 24:113,119. July/Aug.1952. 451 C11

90824 KROMDIJK, G. Asplenium nidus. Cour. Hort. 14:313-314. June 1952. 80 C834

90825 KROMDIJK, G. Lily culture. (In Flemish.) Cult. en Handel 18:453-455. Aug.1952. 80 C892

90826 KRUSSMANN. Zwei wenig bekannte Quercus-bastarde. Deut. Baumsch. 4:162-163. June 1,1952. 80 D486

90827 LAMMERTS, W. E. The Descanso Rose History Garden. II. Calif. Hort. Soc. J. 13:94-99. July 1952. 81 C1293

90828 LAVIOLETTE, C. DE. Afin d'obtenir de beaux lilas. Cour. Hort. 40:372-373. July 1952. 80 C834

90829 LEACH, D. G. Counter-counter-observations on breeding Rhododendrons. Amer. Rhododendron Soc. Q. B. 6:167-171. July 15,1951. 81 Am398

90830 LEGASPI-BAUTISTA, P. My orchids. Philippine Orchid Rev. 4(3):12-13. Dec.1951. 80 P53

90831 LENDHOLT, W. Grossstadtfriedhöfe von gestern und morgen. Pflanze u. Gart. 2(7):14-15. July 1952. 80 P48

90832 LOUDON, E. G. BARON VON. Die hecke als organ des lebendigen partens. Pflanze u. Gart. 2(7):1-2. July 1952. 80 P48

90833 MAAS, K. Victoria regia blühte vor 100 jahren zum erstenmal im Botanischen Garten in Berlin-Dahlem. Kosmos 48:253-256. June 1952. 474 K842

90834 MACNEIL, A. Highlight your garden with lilies. Horticulture 30:349,365,368. Sept.1952. 80 H787

90835 MANLEY, T. R. What's new in tall bearded Iris. Horticulture 30:341. Sept.1952. 80 H787

90836 MEHLISCH, K. Gedanken zum zweijahrs-blumenangebot. Saatgut-Wirt. 4:159-160. July 1952. 61.8 Sa1

90837 MERKEL, J. L. When you speak of Philodendron what plant do you mean? Home Gard. 20(3):36-41. Sept.1952. 80 H756

90838 MERRILLEES, C. M. Mystery of the origin of the Camellia the "Czar." Camellia Rev. 13(8):2-4,20. July 1952. 97.31 So82

90839 MEYER, C. F. Add color to your garden. Fuchsia Fan 12(8):13. Aug.1952. 96.532 F952
Tuberous Begonias.

90840 MEYN, W. Timing of Fuchsias. Fuchsia Fan 12(8):6-7. Aug.1952. 96.532 F952

90841 MILLER, J. H. More about Vandas. Orchid Digest 16:170-173. July/Aug.1952. 80 Or172

90842 MINTER, M. Begonia Fernando, Costal. Begonian 19:192-193. Sept.1952. 96.511 B39

90843 MONOSMITH, R. O. Camellia— shrub, vine or tree? Home Gard. 20(3):62-66. Sept.1952. 80 H756

90844 MORET. La culture des Anemones. Rev. Agr. de l'Afrique du Nord 50:472-473. July 18,1952. 80 R326

90845 NIKLITSCHEK, A. Lilienball. Pflanze u. Gart. 2(7):3-6. July 1952. 80 P48
Lilium candidum and L. regale.

90846 NORTH AMERICAN GLADIOLUS COUNCIL. A selected list of Gladiolus varieties classified for show purposes, 1952. n. p.,1952. 24 p. 96.43 N81S

90847 NORTHEN, R. T. Odontoglossum grande. Amer. Orchid Soc. B. 21:665-668. Sept.1952. 80 Am329

90848 NOSE, R. Bäume und sträucher, v. 1. Aachen, Deutsche Gärtnerbörse,1951. 140 p. 99.3 N84

90849 NUBOURGH, Y. Le domaine d'Annevoie et ses merveilleux jardins francais. B. Hort. (n.s.)7:214-217. July 1,1952. 80 B873

90850 OSTERGAARD, J. Die hörsholm-ulme, Ulmus carpinifolia Gleditsch hoersholmiensis (Krü.) Osterg. Deut. Baumsch. 4:191-193. July 1,1952. 80 D486

90851 OTTERLOO, J. W. VAN. Rhododendron culture. (In Flemish.) Tuinbouwberichten 16:107-108. (Cont.) July 15,1952. 80 T817

90852 OWENS, H. B. Southern landscape problems. South. Florist & Nurseryman 65(23):86-88. Aug.29,1952. 80 So86

90853 PAGE, P. August Fuchsia care. Fuchsia Fan 12(8):16-17. Aug.1952. 96.532 F952

90854 PANNEKOEK, G. J. Hardwood trees, suitable for special places. (In Flemish.) Cult. en Handel 18: 461-462. Aug.1952. 80 C892

90855 PERIS PÉREZ, P. Para incrementar la producción floral. Cult. Mod. 35:253. July 1952. 15 C89

90856 PETERSON, R. D. Our way of growing Cymbidiums. Amer. Orchid Soc. B. 21:674-675. Sept. 1952. 80 Am329

90857 PEYTON, G. W. This year's prize peonies. Pop. Gard. [Albany] 3(9):44,62-65. Sept.1952. 80 P812

90858 PIERS, F. Orchids of Africa: Calanthe volkensii. Amer. Orchid Soc. B. 21:676-677. Sept.1952. 80 Am329

90859 PLATT, MRS. C. Perennials. Gard. Club Amer. B. 40(5):17-21. Sept.1952. 90.32 G16

90860 PRAKKER, R. The heredity of double flowering in stocks. Zaad-, Bloem- en Bollenwereld 16:291,293, 295. (Cont.) July 1952. 61.8 Z12

90861 QUISUMBING, E. Culture of orchids under Philippine conditions. Philippine Orchid Rev. 4(3):26-31. Dec.1951. 80 P53

90862 QUISUMBING, E. Eulophia of the Philippines. Philippine Orchid Rev. 4(3):3-11. Dec.1951. 80 P53

90863 RAALTE, D. VAN. On the culture of Primula malacoides and Primula sinensis. (In Flemish.) Cult. en Handel 18:459-460. Aug.1952. 80 C892

90864 RENTON, D. G. The smaller garden. II. Roy. Hort. Soc. J. 77:309-314. Sept.1952. 84 L84J

90865 REUTERSWARD, G. A trip to the country of the Madonna lily. (In Swedish.) Trädgårdstidningen 24 (8):6-10. Aug.1952. 80 T67
Ornamental plants in Switzerland and Italy.

90866 RHODODENDRONS pour grands et petits jardins. Cour. Hort. 14:315-316. June 1952. 80 C834

90867 RISLEY, E. B. Basic principles of breeding new Gladiolus. Gladiolus Mag. 16(3):9-14,60. July 1952. 96.43 N44 Suppl

90868 ROBB, M. H. Want to grow roses? Amer. Rose Mag. 10(8):26-27. Aug.1952. Am327A

90869 ROBINSON, C. Carpet bedding. Calif. Hort. Soc. J. 13:104-108. July 1952. 81 C1293

90870 ROBINSON, P. L. Evergreens can be transplanted in the fall. Home Gard. 20(3):21-23. Sept.1952. 80 H756

90871 ROCKWELL, F. F. Is April's garden worth a $25 investment? Home Gard. 20(3):16-20. Sept.1952. 80 H756
Narcissus.

90872 ROOF, J. Growing California's one mountain ash. Calif. Hort. Soc. J. 13:82-88. July 1952. 81 C129.
Sorbus sitchensis.

90873 ROWLEY, G. D. The scientific approach to succulents. 7. Cactus & Succulent J. Gt. Brit. 14:54-55. July 1952. 450 C113

90874 ROWNTREE, L. For the bluest of blue berries. Home Gard. 20(3):52-53. Sept.1952. 80 H756.
Forsythia and Symplocos paniculata.

90875 RUSH, H. Growing Cacti out of doors the year around. Cactus & Succulent J. 24:118-119. July/Aug. 1952. 451 C11

90876 RYTZ, W. Beerenfibel; beeren, ihr vorkommen und ihre anwendung. München,1951. 32 p. (Bruckmanns Fibelbücher 10) 459.3 R99

90877 SCHAUFLER, E. F. Flower arrangement. N. Y. Agr. Col. Ext. Cornell 4-H Club B. 98,8 p. June 1952. 275.29 N48Cn

90878 SCHNEIDER, C. Ginkgo biloba, unser seltsamster baum. Pflanze u. Gart. 2(7):7. July 1952. 80 P48

90879 SCHREIBER, C. L. Wohngärten! Pflanze u. Gart. 2(7):11-13. July 1952. 80 P48

90880 SCHUURMAN, J. A. Begonias. Begonian 19:194-196. Sept.1952. 96.511 B39

90881 SENNELS, N. J. Culture of the new Bouvardias. (In Norwegian.) Gartneryrket 42:571-572. Aug.16, 1952. 80 G1938

90882 SHEPHERD, R. E. Fall planting of roses. Flower Grower 39(10):20-21. Oct.1952. 80 M72

90883 SHEWELL-COOPER, W. E. I hate these plants. Estate Mag. 52:288-290. July 1952. 10 Es8
Ornamental plants that grow too luxuriantly.

90884 SIEBECK, L. Verwandlung eines kleinen gartens! Pflanze u. Gart. 2:6-9. June 1952. 80 P48

90885 SIEG, H. Aus den tagebuchblättern unserer pappeln. Deut. Baumsch. 4:188-191. July 1,1952. 80 D486

90886 SMITH, O. Salt, sand and roses. Home Gard. 20(3):32-35. Sept.1952. 80 H756
Rose garden located near Virginia Beach, Virginia.

90887 SOULE, MRS. L. Innovations in a sun-heated pit. Gard. Club Amer. B. 40(5):31-32. Sept.1952. 90.32 G16

90888 SPAARGAREN, D. Dahlia culture. (In Dutch.) Amateur-Tuinder 35:89-90. (Cont.) June 1,1952. 80 V88

90889 SPAARGAREN, J. L. The Chrysanthemum. Zaad-, Bloem- en Bollenwereld 16:301,303. July 1952. 61.8 Z12

90890 SPORTS TURF RESEARCH INSTITUTE. Electrical soil warming as an anti-frost measure for sports turf. Sports Turf Res. Inst. J. 8:25-44. 1951. 60.19 B772
General Electric Company, Limited, cooperating.

90891 STEINER, M. L. Botanicals, and how to make use of them. Philippine Orchid Rev. 4(3):18-21. Dec. 1951. 80 P53
Orchid hunting.

90892 STOUTEMEYER, V. T. Cold resistance of subtropical ornamentals. Lasca Leaves 2:9-14. July 1952. 450 L33

90893 STREET, F. Desert island Rhododendrons. Amer. Rhododendron Soc. Q. B. 6:148-153. July 15,1952. 81 Am398
Descriptions of hardy hybrids grown in England suitable to be used in the United States.

90894 SUMNER, MRS. G. The lanai and the garden. Gard. Club Amer. B. 40(5):33-38. Sept.1952. 90.32 G16
Hawaii.

90895 SUTHERLAND, J. Maintaining a lawn in the city. Horticulture 30:339,358. Sept.1952. 80 H787

90896 SWEETSER, G. A. How important is pH for roses? Amer. Rose Mag. 10(8):10-12. Aug.1952. 80 Am327A

90897 TAYLOR, G. C. The modern garden. Ed. 5. London,Country Life,1952. 224 p. 98 T213

90898 THOORN, J. J. E. V. D. In the sunny South (Amateur collections VIII) (In Dutch.) Succulenta 4:59-62. July/Aug.1952. 450 Su12

90899 VAN GILDER, J. S. Tulip time in Holland. Horticulture 30:346-347. Sept.1952. 80 H787

90900 VINOT, M., and BOUSCARY, A. Étude sur l'amélioration de l'oeillet pour la fleur coupée. Rev. Hort. 124:703-708. May/June 1952. 80 R32

90901 VINOT, M., and BOUSCARY, A. Résultats obtenus en culture d'oeillets sur sable. Rev. Hort. 124: 742-745. (Cont.) July/Aug.1952. 80 R32

90902 WARD, F. K. Some elms. Gard. Chron. 132:75. Aug.23,1952. 80 G162

90903 WASSCHER, J. Some impressions of flower farming in Northwestern Germany. (In Dutch.) Netherlands. Dir. van de Tuinbouw. Meded. 15:389-418. Ref. July 1952. 86 N384
English summary.

90904 WATERMAN, M. My beloved bromeliads in New Zealand. Bromeliad Soc. B. 2:43-44. July/Aug.1952. 451 B78

90905 WATSON, J. R., JR., and CRAIN, A. W. The home lawn—good turf for utility and beauty. Tex. Agr. Expt. Sta. B. 747,22 p. June 1952. 100 T31S
Fundamentals in establishing and caring for turfed areas.

90906 WATT, F. Growing standard Fuchsias. Fuchsia Fan 12(8):14-15. Aug.1952. 96.532 F952

90907 WILD, A. J. Where are tomorrow's peonies as of today? Home Gard. 20(3):7-10. Sept.1952. 80 H756

90908 WILLIAMS, E. G. C. How old is a rose? Amer. Rose Mag. 10(8):24-25. Aug.1952. 80 Am327A
Life expectancy for roses.

90909 WISTER, J. C. Bulbs for spring beauty. Flower Grower 39(10).26-27,69-70. Oct.1952. 80 M72

90910 WISTER, J. C. Daffodil notes. Pop. Gard. [Albany] 3(9):36,69-70. Sept.1952. 80 P812

90911 ZIESENHENNE Begonia purpusii Houghton. Begonian 19:197-198. Sept.1952. 96.511 B39

Vegetable and Truck Crops (Including Potatoes)

90912 ALADJAJKOV, L. The origin and economic significance of red onion. (In Serbo-Croatian.) Biljna Proizvodnja 5:78-85. Mar./Apr.1952. 64.8 B49

90913 ALPAT'EV, A. V. Growing sugar corn in the central part of the RSFSR [Russian Soviet Federated Socialist Republic]. (In Russian.) Sad i Ogorod 5:43-45. May 1952. 80 Sa13

90914 ARNAUTOV, V. V., and MARENKOV, M. N. Reestablishment of potato planting in the summer. (In Russian.) Sad i Ogorod 5:46-49. May 1952. 80 Sa13

90915 ATKINS, F. C. American and British yields compared. Grower [London] 38:261. (Cont.) Aug.9, 1952. 286.83 M34
Mushrooms.

90916 BACA, N. C' DE., and RIVAS AGUILA, G. Huertos domésticos y huertos escolares. Cent. Nac. de Agron. C. Agr. 49,8 p. Jan.1952. 8 Sa54C

90917 BADINA, G. V. Growing bean seeds in the north. (In Russian.) Sad i Ogorod 5:41-42. May 1952. 80 Sa13

90918 BALANDIN, A. N. Growing the Bessonovka onion in fields. (In Russian.) Sad i Ogorod 5:37-38. May 1952. 80 Sa13

90919 BASSE, H. Zur frage der beurteilung und gruppierung von blumenkohlsorten. Saatgut- Wirt. 4: 134-136. June 1952. 61.8 Sa1

90920 BIELKA, R. Die ertragsschwankungen der trockenspeiseerbsen. Deut. Landwirt. 3:365-368. July 1952. 18 D4822

90921 BOSWELL, V. R. Commercial growing of sweet corn. U. S. D. A. Farmers' B. 2042,29 p. July 1952. 1 Ag84F
Supersedes Farmers' Bulletin 1634.

90922 BRITISH SOCIETY FOR THE PROMOTION OF VEGETABLE RESEARCH. Second annual report 1951. Wellesbourne,1952. 83 p. 84 W45

90923 BRYDEN, R. J. Growing better turnips. Better Crops Plant Food 36(7):14-16,40-41. Aug./Sept. 1952. 6 B46

90924 CHESNOKOV, N. S. Accelerated propagation of seed potatoes in the South. (In Russian.) Sad i Ogorod 5:53-58. May 1952. 80 Sa13

90925 CHMORA, N. IA. Wider adoptation of the check hill potato planting in 1952. (In Russian.) Sad i Ogorod 5:58-59. May 1952. 80 Sa13

90926 CIZIK, B. Melon growing in Israel. (In Hebrew.) Hassadeh 32:378-379. (Cont.) May 1952. 26 H27

90927 CLARA, F. M. Mushroom culture. Agr. & Indus. Life 14(7):14. July 1952. 25 Ag8

90928 CRISPIN, S. The variations in hybrids of tomatoes crossed with various Solanaceae. (In Hebrew.) Hassadeh 32:394-395. May 1952. 26 H27

90929 EASTMAN, P. J. A successful foundation seed farm. Amer. Potato J. 29:173-174. July 1952. 75.8 P842
At Masardis, Aroostook Co., Me.

90930 EDE, M. VAN. Onderzoek naar het opbrengstvermogen van een volkstuin [Investigation of produce capacity of an allotment garden]. Ed. 3, rev. and enl. Turkenburg's K. Zaadhandel. Tuinbouwk. Lab. Meded. 4, 16 p. Sept.26,1951. 86 T84
Vegetables.

90931 EIFRIG, H. Echtheitsbestimmungen der varietäten von Brassica oleracea im laboratorium. Saatgut- Wirt. 4:142-143. Ref. June 1952. 61.8 Sa1

90932 ELLISON, J. H. Inhibition of potato sprouting by 2, 3, 5, 6-tetrachloronitrobenzene and methyl ester of a-naphthaleneacetic acid. Amer. Potato J. 29:176-181. Aug.1952. 75.8 P842

90933 ETTINGER, J. Increasing the production of vegetables. (In Hebrew.) Hassadeh 32:424-425. June 1952. 26 H27

90934 FUCHS, H. Semis et repiquages. Jard. d'Aujourd'hui 1:14-15. Spring 1952. 80 J286
Vegetables.

90935 FUJII, T. Sosai saibai gijutsu [Technique of vegetable growing]. Tokyo,Asakura Shoten,1951. 492 p. 91 F95S

90936 GUSEV, L. A., and ERINA, R. I. Onion seed culture on a collective farm. (In Russian.) Sad i Ogorod 5:39-41. May 1952. 80 Sa13

90937 HAWTHORN, L. R. Better yields of carrot and onion seed with closer spacing and proper irrigation. Farm & Home Sci. [Utah Sta.] 13:34-35,40,47. June 1952. 100 Ut1F

90938 HINTZE, S. Variety trials with vegetables in Southern and Central Sweden 1939—1944. Pickling cucumber, onion, carrot, leek, garden beet, lettuce, celeriac, spinach and tomato. (In Swedish.) Alnarps Lantbr.-Mejeri- och Trädgardinst. Stat. Trädgardsförsök. Meddel. 72,54 p. Ref. 1952. 86 AL64
English summary.

90939 HOYMAN, W. G. Internal discoloration of potato tubers caused by vine killing. N. Dak. Agr. Expt. Sta. Bimon. B. 14:233-236. July/Aug.1952. 100 N813B

90940 HUTCHINSON, J. E., MICHAEL, R., and ROSBOROUGH, J. F. Sweet potato production in Texas. Tex. Agr. Col. Ext. B. 187,20 p. Feb.1951. 275.29 T312

90941 IVANOV, I. M., and SHILKOV, A. A. A leading vegetable brigade. (In Russian.) Sad i Ogorod 2:53-58. Feb.1952. 80 Sa13
Chiefly on cultural practices.

90942 JAEHNER, I. Gemüsegarten; ratschläge im sommer. Pflanze u. Gart. 2(7):26. July 1952. 80 P48

90943 JELIES, H. Different methods of planting potatoes on sandy soils and peat soils. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:252-257. July 1952. 12 N383M

90944 KNAPE, P. The ways to solve actual problems of potato selection. (In Latvian.) Latv. PSR Zinātņu Akad. Vēst. 2:255-266. 1951. 511 R442
Russian summary.

90945 KOOT, Y. VAN, and ANTWERPEN, G. VAN. Illumination and sugarspraying of cucumbers. (In Dutch.) Netherlands. Dir. van de Tuinbouw. Meded. 15:427-454. Ref. July 1952. 86 N384
English summary.

90946 KORNEEV, A. P. Tomato wonders. (In Russian.) Sad i Ogorod 1:74-75. Jan.1952. 80 Sa13
Korneevskii variety.

90947 KRAMER, A., and GUYER, R. B. Relation of number of pickings to yield and quality of green beans for canning. Food Packer 33(9):40-41,56. Sept.1952. 286.83 C165

90948 KUZNETSOV, P. E. Chinese radish in Primorski Krai. (In Russian.) Sad i Ogorod 1:75. Jan. 1952. 80 Sa13

90949 LAMM, R., TOMETORP, G., and AVALL, H. Classifying variety trials with vegetables in 1947—1950. (In Swedish.) Alnarps Lantbr.-Mejeri- och Trädgardsinst. Stat. Trädgardsförsök. Meddel. 73,30 p. Ref. 1952. 86 AL64
English summary.

90950 LANGRONIER, C., MONCIERO, A., and CARDONA, V. La culture potagere dans les oasis; suivi d'un asperçu sur quelques ennemis des plantes potagères et les moyens pratiques de les combattre. Algeria. Insp. Gén. et Dir. de l'Agr. Doc. et Renseign. Agr. B. 177,44 p. 1951. 24 AL34

90951 LEONI, I. Tomato culture in São Simão. (In Portuguese.) Colheit. e Mercados 8(5/6):29-31. May/June 1952. 255.3 Sa652

90952 LOUIS, A. Étude des principales cultures légumières. Jard. d'Aujourd'hui 1:16-21. Spring 1952. 80 J286

90953 MARIËN, A. Harvesting tomato seeds. (In Flemish.) Tuinbouwberichten 16:100-101. July 15,1952. 80 T817

90954 MILLOT, G. Quelques améliorations de la culture de l'endive en France. Rev. Hort. 124:746-747. July/Aug.1952. 80 R32

90955 MOELLER, S. Growing methods of summer tomatoes. (In Hebrew.) Hassadeh 32:425-428. June 1952. 26 H27

90956 MURAIAMA, S. J. The cultivation of artichokes. (In Portuguese.) Lav. e Criacão 13(4):19. Apr. 1952. 49 L392

90957 NEMCHIN, F. I. Time of summer potato planting in Moldavia. (In Russian.) Sad i Ogorod 5:49-53. May 1952. 80 Sa13

90958 NIVEN, L. A., and LASSETTER, W. C. To get better sweets, he made them bloom. Prog. Farmer, Tex. Ed. 67(9):54,56. Sept.1952. 6 T311

90959 ONTARIO DEPT. OF AGRICULTURE. Rhubarb Ontario. Dept. Agr. C. 120,6 p.-folder. Mar.1952. 7 On8Ci

90960 PENA, L. DE A. Instruções práticas sôbre as culturas de cebola e do alho [Practical guide for onion and garlic culture]. Rio de Janeiro,Ministério da Agricultura, Serviço de Informação Agricola,1951. 28 p. 91.44 P37

90961 PETRENKO, A. P. Crowded planting of tomatoes in hotbeds. (In Russian.) Sad i Ogorod 2:60-61. Feb.1952. 80 Sa13

90962 PIERINI, J. E. Cultivo comercial de hongos. 2. Chacra 22(261):58. Aug.1952. 9 C34

90963 PIOVANO, A. Obtención de primicias. Chacra 22(261):40-41. Aug.1952. 9 C34
Forcing vegetables.

90964 PLESHKO, S. I. Summer squash as a feed crop under conditions prevalent in Tadzhikistan. (In Russian.) Kormovafa Baza 3(5):45-47. May 1952. 60.8 K84

90965 PUSHKARNATH, and PATEL, J. S. Increasing potato yields in Bihar. Indian Farming (n.s.)2(4):18-21. July 1952. 22 In282

90966 ROBB, O. J. Asparagus. Ontario. Dept. Agr. C. 118,6 p.-folder. Mar.1952. 7 On8Ci

90967 ROLOFS, E. A. Watermelon for feed. (In Russian.) Kormovafa Baza 3(2):51-52. Feb.1952. 60.8 K84

90968 ROY, R. S., and CHOUDHURY, B. Box cultivation of vegetables. Indian Farming 12:16-21. Jan./Feb. 1951. 22 In283

90969 SAGALOVICH, E. N. To introduce new methods of growing [vegetable] seedlings. (In Russian.) Sad i Ogorod 2:58-60. Feb.1952. 80 Sa13

90970 SCOTLAND.DEPT. OF AGRICULTURE. Key to potato trials and collections at East Craigs, 1952. Edinburgh,1952. 46 p. 75.9 Sco3

90971 SCOTLAND. DEPT. OF AGRICULTURE. Register of potato crops certified 1951. Edinburgh. H.M. Stationery Off.,1951. 219 p. 75.9 Sco3R

90972 SENIUSHKIN, A. E., and IANTSEVICH, A. F. Adaptation of method of growing tomatoes without seedlings [planting seeds] in the area of the [Mikoian] Canning Combine. (In Russian.) Sad i Ogorod 2:62-64. Feb. 1952. 80 Sa13

90973 SIEBENGA, J. De teelt en de keuring van pootaardappelen [Culture and inspection of seed potatoes]. Wageningen,Nederlandsche Algemeene Keurindsdienst voor Landbouwzaden en Aardappelpootgoed,1952. 54 p. 75 Si13

90974 SITNIKOV, I. A. Cultivation of perennial multi-layer onion in Kuznetsk Basin. (In Russian.) Sad i Ogorod 1:64-65. Jan.1952. 80 Sa13

90975 SMITH, I. D. W. Cabbage, cauliflower, broccoli, and brussels sprouts. Ontario. Dept. Agr. C. 117, 7 p. Mar.1952. 7 On8Ci

90976 SNELL, K. Die zugelassenen deutschen kartoffelsorten; ihre erkennung, unterscheidung und wirtschaftliche bewertung. Ed. 11, enl. Berlin,Parey,1952. 70 p. 75 Sn2Z

90977 SNELL, R. F. The study of the potato. II. Rur. Educ. B. 6:151-156. Oct.1951. 109 C162
Culture.

90978 SOLONETSKII, V. A. Check-hill method of planting vegetable crops. (In Russian.) Sad i Ogorod 2: 49-53. Feb.1952. 80 Sa13

90979 TESCARI, F. Lumignano peas. (In Italian.) Agr. Vicentina 82(15):1-2. Aug.1,1952. 16 Ag8257
Culture.

90980 TETEREVIATNIKOV, V. G. Transplanting tomatoes in pairs. (In Russian.) Sad i Ogorod 1:74. Jan.1952. 80 Sa13

90981 TREBUCHET, G., and DROUZY, J. Les meilleures variétés potagères. Jard. d'Aujourd'hui 1:22-25. Spring 1952. 80 J286

90982 TROITSKII, A. S. Method of growing cabbage seedlings in cold seedbeds. (In Russian.) Sad i Ogorod 1:62-64. Jan.1952. 80 Sa13

90983 TURNQUIST, O. C. Summer care of vegetable gardens. Minn. U. Agr. Ext. Folder 167,10 p. July 1952. 275.29 M66Ex

90984 U. S. DEPT. OF AGRICULTURE. LIBRARY. LOUISIANA BR. Yields of hybrid tomatoes; a list of references, by H. Boyd. New Orleans?1952. 3 p. 1.916 L93Y
Typewritten.

90985 USIK, G. E. On tomato culture without seedlings. (In Russian.) Sad i Ogorod 2:64-65. Feb.1952. 80 Sa13

90986 VEISTERIS, P. Growing of tomatoes in open ground without protection. (In Latvian.) Latv. PSR Zinatnu Akad. Vest. 3:425-432. 1951. 511 R442

90987 VERBRUGGEN, A. Endive culture. (In Flemish.) Cult. en Handel 18:463. (Cont.) Aug.1952. 80 C892

90988 WANG, H. Observation on the characteristics on recently introduced varieties of sweet potato (Ipomoea batatas). (In Chinese.) Agr. Res. 2(3):91-116. Sept. 1951. 22.5 Ag823
English summary.

90989 WARNE, L. G. G. Why variety trials may go wrong. Grower [London] 37:1140-1141,1143. May 17, 1952. 286.83 M34
Vegetables.

WEEDS AND POISONOUS PLANTS

90990 ALBERT, W. B., POWERS, M. R., and BLAND, H. E. Suggested procedures for chemical weed control in cotton for 1952. S. C. Agr. Expt. Sta. C. 84,16 p. Feb. 1952. 100 So8

90991 ALBERTA. DEPT. OF AGRICULTURE. Weeds poisonous to live stock. Edmonton,Shnitka,1951. 36 p. 452.83 AL1
Original ed. by P. R. Talbot and J. C. Hooper, issued in 1919. The present issue is a reprint with revisions and additions by E. E. Ballantyne.

90992 ALTONA, R. E., and MENTZ, N. J. The control of weeds in maizelands with selective plant growth regulators. South. African Weed Control Conf. Proc. 1:23-28. 1950,pub.1951. 79.9 So82

90993 ALTONA, R. E. Seasonal spray treatments of Stoebe vulgaris with 2,4-D and methoxone. South. African Weed Control Conf. Proc. 1:40-42. 1950,pub.1951. 79.9 So82

90994 ANDERSON, E. G. The history of dodder in eastern Canada. Canada. Natl. Weed Comt. East. Sect. Proc. 5:79. 1951,pub.June 1952. 79.9 C164

90995 ÅVALL, H. Trials with weed killers in canning peas. (In Swedish.) Alnarps Lantbr.-Mejeri- och Trädgardinst. Stat. Trädgardsförsök. Meddel. 74, 14 p. Ref. 1952. 86 AL64
English summary.

90996 BARABE, R. Quebec weed problem and its solution. Canada. Natl. Weed Comt. East. Sect. Proc. 5:6-12. 1951,pub.June 1952. 79.9 C164

90997 BASSETT, I. J. The weed situation in Newfoundland. Canada. Natl. Weed Comt. East. Sect. Proc. 5:22. 1951,pub.June 1952. 79.9 C164

90998 BEARD, J. S. The woody weeds of wattle plantations. South African Weed Control Conf. Proc. 1: 33-39. 1950,pub.1951. 79.9 So82

90999 BELZILE, A. The problem of weeds in blueberry barrens. Canada. Natl. Weed Comt. East. Sect. Proc. 5:120-124. 1951,pub.June 1952. 79.9 C164

91000 BOYCE, J. H. One year's experience with pre-emergence treatments with CMU and other herbicides in the control of weeds in corn and soybeans. Canad. Natl. Weed Comt. East. Sect. Proc. 5:32-33. 1951,pub. June 1952. 79.9 C164

91001 BRAGG, K. K. Progress report on poison ivy control. Canada. Natl. Weed Comt. East. Sect. Proc. 5:76-78. 1951,pub.June 1952. 79.9 C164

91002 BUCHHOLTZ, K. P. Living with quackgrass. Hoard's Dairyman 97:722. Sept.10,1952. 44.8 H65

91003 CABALLERO, J. B. Fuente potencial de riqueza: el marabú. Habano 18(7):30-31. July 1952.
Utilization of this weed, which is a shrub of the Mimosa family.

91004 CAMPAGNA, E. Ragweed pollen survey in eastern Canada for 1950. Canada. Natl. Weed Comt. East. Sect. Proc. 5:82-94. 1951,pub.June 1952. 79.9 C164

91005 CANADA. NATIONAL WEED COMMITTEE. EASTERN SECT. Proceedings of the fifth meeting, Nov.7,8,9, 1951. Quebec,1952. 140 p. 79.9 C164

91006 CHILTON, S. J. P., STAMPER, E. R., and RYKER, T. C. The use of herbicides in sugar-cane fields for controlling weeds. Internatl. Soc. Sugar Cane Technol. Proc. 7:190-197. 1950,pub.1951. 65.9 In84
Includes discussion.

91007 CHURCHWARD, E. H. Chemical control of weeds on an irrigated farm at Bundaberg. Queensland Soc. Sugar Cane Technol. Proc. 19:143-146. 1952. 65.9 Q332

91008 COLE, C. E., DOREY, A. C., and MCALPIN, D. M. Weed control in carrot crops. Grower [Adelaide] 6(12):26,28-29,31. June 1952. 80 G912

91009 COLLINS, W. B., and EVERETT, C. F. CMU experiments at Fredericton. Canada. Natl. Weed Comt. East. Sect. Proc. 5:39-41. 1951,pub.June 1952. 79.9 C164

91010 COOK, W., STODDART, L. A., and HART, V. L. Good range management prevents losses from Halogeton [Halogeton glomeratus] poisoning. Farm & Home Sci. [Utah Sta.] 13:25-26,45. June 1952. 100 Ut1F

91011 CORNISH, G. S. Controlling the weeds in your lawn. Horticulture 30:350,362. Sept.1952. 80 H787

91012 EGLIT, A. K. Use of herbicides against root weeds in forestry. (In Latvian.) Latv. PSR Zinātņu Akad. Vēst. 4:597-608. Ref. 1951. 511 R442
Russian summary.

91013 EGLIT, A. K. The use of herbicides against seed weeds in coniferous plant nurseries. (In Russian.) Latv. PSR Zinātņu Akad. Vēst. 2:267-276. Ref. 1951. 511 R442

91014 EMOND, R. E. The utilization of petroleum products as herbicides. Canada. Natl. Weed Comt. East. Sect. Proc. 5:52-56. Ref. 1951,pub.June 1952. 79.9 C164

91015 ESCRITT, J. R. Selective weedkillers. Sports Turf Res. Inst. J. 8:80-83. 1951. 60.19 B772

91016 EVANS, M. Knowing poisonous plants. II. Horticulture 30:305,307. Aug.1952. 80 H787

91017 FALLIS, K. E. Progress report on the control of buckthorn [Rhamnus cathartica]. Canada. Natl. Weed Comt. East. Sect. Proc. 5:125-127. 1951,pub.June 1952. 79.9 C164

91018 FERGUSON, W., and JASMIN, J. J. Some results with herbicidal oils of different aromatic content Canada. Natl. Weed Comt. East. Sect. Proc. 5:57-59. 1951,pub.June 1952. 79.9 C164

91019 FERGUSON, W., and JASMIN, J. J. Weed control studies with calcium cyanamide. Canada. Natl. Weed Comt. East. Sect. Proc. 5:49-51. 1951,pub.June 1952. 79.9 C164

91020 FERGUSON, W., and JASMIN, J. J. Weed control studies with CMU. Canada. Natl. Weed Comt. East. Sect. Proc. 5:34-35. 1951,pub.June 1952. 79.9 C164

91021 FRIEDERICH, J. C. Chemische onkruidbestrijding in vezelvlas [Chemical weed control of flax]. Nederlands Vlasinst. Vlugschr. 6,4 p. May 1951. 73.19 W12

91022 GALLAGHER, J. E., and MAHDI, M. Z. Crabgrass trials of 1951. South. Calif. Turf Cult. 2(2):1-2. Apr.1952. 60.18 So8

91023 GENIN, G. L'emploi des produits chimiques dans la lutte contre les mauvaises herbes. III. Indus. Chim. 39:228-232. Ref. Aug.1952. 383 In2

91024 GIARDINI, A. Influence of weeding on sugar beet production. (In Italian.) Indus. Sac. Ital. 45:180-185. Ref. May/June 1952. 65.8 In23

91025 GONGGRIJP, J. Use of weedkillers containing mineral oil in Indonesia. (In Dutch.) Gent. Landbhogesch. Meded. 17:16-27. Mar.1952. 105.1 G344
English summary.

91026 GORBUNOVA, S. Conference on Problems of Agrotechnical and Chemical Measures for Weed Control. (In Russian.) Sovet. Agron. 10(6):90-92. June 1952. 20 So84

91027 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. The control of bracken. Gt. Brit. Min. Agr. & Fisheries Adv. L. 190,8 p. June 1952. 10 G79La

91028 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Ragwort. Gt. Brit. Min. Agr. & Fisheries Adv. L. 280,5 p. June 1952. 10 G79La

91029 GROMAN, E. Les resultats de l'efficacité du 2,4-D composé sur la destruction des petits buissons des epine-vinettes (Berberis vulgaris L.). (In Serbo-Croatian.) Biljna Proizvodnja 5:92-94. Mar./Apr.1952. 64.8 B49
French summary.

91030 HATTINGH, E. R. Can weed-killers be used in thorn scrub control? South. African Weed Control Conf. Proc. 1:43-48. Ref. 1950,pub.1951. 79.9 So82

91031 HEMPHILL, D. D. A new chemical for weed control in strawberries. Mo. Agr. Expt. Sta. B. 573.3 p. Mar.1952. 100 M693
Sodium 2,4-dichlorophenoxyethyl sulfate.

91032 HURWITZ, S., LACHOVER, D., and HUBER, A. Farm manures, soils, and seeds of cultivated crops as sources of weed seed infestation of fields under subtropical conditions. Internatl. Seed Testing Assoc. Proc. 17:39-43. 1951/52. 61.9 In84P
Israel.

91033 IRELAND. DEPT. OF AGRICULTURE. Charlock or preshaugh. Ireland. Dept. Agr. L. 6,2 p. Jan. 1952. 10.5 Ir42

91034 IRELAND. DEPT. OF AGRICULTURE. Weeds. Ireland. Dept. Agr. L. 97,4 p. May 1952. 10.5 Ir42
Control.

91035 JAMES, E., and ALEXANDER, E. D. Georgia weeds and how to control them. Ga. Agr. Col. Ext. B. 502,rev.,97 p. June 1952. 275.29 G29B

91036 KAUDY, J. C., BERGER, K. C., and TRUOG, E. Borax applications to canning and sugar beets for the control of weeds. Agron. J. 44:409-411. Aug.1952. 4 Am34P

91037 KINDLER, D. We tried aerial brush control and got some interesting results. Rur. Electrif. News 18:18-19. Aug./Sept.1952. 173.2 R88Ru

91038 KISSINGER, N. A., JR., HULL, A. C., JR., and VAUGHN, W. T. Chemical control of big sagebrush [Artemisia tridentata] in central Wyoming. U. S. Forest Serv. Rocky Mountain Forest & Range Expt. Sta. Paper 9,15 p. June 1952. 1.9622 R2St2

91039 KLINGMAN, G. C. Weed control. Better Crops Plant Food 36(7):19-20,42. Aug./Sept.1952. 6 B46

91040 KNOWLES, G. Observations on the control of perennial weeds in pastures. Canada. Natl. Weed Comt. East. Sect. Proc. 5:116. 1951,pub.June 1952. 79.9 C164

91041 KRUG, H. P. Alguns aspectos da aplicaçao de ervicidas modernos [Some aspects of the application of modern herbicides]. São Paulo. Serv. Florestal. Ed. e Propag. 7,10 p. Mar.29,1951. 99.9 Sa6E

91042 LEEFE, J. S. Renovation of rough pastures by the use of commercial fertilizer and herbicides. Canada. Natl. Weed Comt. East. Sect. Proc. 5:113-115. 1951,pub.June 1952. 79.9 C164

91043 L'ESTRANGE, J. A. Weeds rob Union of £27,000,000 a year. Veldtrust 13(6):18-19,30. June 1952. 56.8 V54

91044 LINDSAY, D. R., and BASSETT, I. J. Preliminary report on the life history of yellow rocket. Canada. Natl. Weed Comt. East. Sect. Proc. 5:73-75. 1951,pub.June 1952. 79.9 C164
Barbarea vulgaris R.Br.

91045 LING, L. Hormonas herbicidas. Hacienda 47(9):41-44,58,60,62. Sept.1952. 6 H11

91046 LYSEBRÅTE, K. Bedstraw [Galium] in the seed field. (In Norwegian.) Samvirke [Oslo] 47:309-310. Aug.1,1952. 280.28 Sa4

91047 MCCALL, G. L. The history & development of CMU. Canada. Natl. Weed Comt. East. Sect. Proc. 5:26-28. 1951,pub.June 1952. 79.9 C164

91048 MCILRATH, W. J., and ERGLE, D. R. Effect of 2,4,5-T on young cotton plants. Tex. Agr. Expt. Sta. Prog. Rpt. 1464,4 p. May 24,1952. 100 T31P
Weed control.

91049 MACRAE, J. W. The increase of dodder and suggestions for its control. Canada. Natl. Weed Comt. East. Sect. Proc. 5:80-81. 1951,pub.June 1952. 79.9 C164

91050 MCROSTIE, G. P. Weed control in soybeans by tillage and cropping practices. Canada. Natl. Weed Comt. East. Sect. Proc. 5:102-107. 1951,pub.June 1952. 79.9 C164

91051 MAHADEVAN, V. Weeds on coconut lands. Ceylon Coconut Q. 3:33. Jan./Mar.1952. 77.8 C33

91052 MAHEUX, G. The Quebec Agricultural Research Council. Canada. Natl. Weed Comt. East. Sect. Proc. 5:1-5. 1951,pub.June 1952. 79.9 C164

91053 MALEIC hydrazide—a growth stopping weed killer. Farm Mangt. 1(3):37-39. Mar./Apr.1952. 281.8 F2225

91054 MARAIS, E. Spraying of 2,4-D by aircraft. South. African Weed Control Conf. Proc. 1:20-22. 1950, pub.1951. 79.9 So82

91055 MARKI, H. Ueber das auftreten und die bekämpfung des scharfen hahnenfusses. Grüne 80: 821-823. July 25,1952. 17 Sch9
Ranunculus acris.

91056 MITCHELL, J. W. Effect of growth-regulating chemicals on seeds. Grain & Feed J. Consolidated 109(4):15-16. Aug.27,1952. 298.8 G762
2,4-D.

91057 NAUNDORF, G. Lucha contra el arroz rojo con derivados del 2,4-D mediante avionetas de fumigación Acta Agron. [Palmira] 2:151-159. July 1952. 9.4 Ac8

91058 NELSON, R. T. IPC controls wild oats and volunteer grain in sugar beets. Through Leaves 40(4):10-15. July/Aug.1952. 66.8 T41

91059 ORTIZ GARMENDIA, J. Las gramineas tóxicas para el ganado. IV. Campesino [Santiago] 84(6):27-28. June 1952. 9.3 So12

91060 PAGE, M. Comparative activity of various substances as herbicides and their future possibilities with special reference to the control of weeds in oats in the Western Province. South. Weed Control Conf. Proc. 1:29-32. 1950,pub.1951. 79.9 So82

91061 PARKS, D. L. Major weed problems in Ontario. Canada. Natl. Weed Comt. East. Sect. Proc. 5:13-16. 1951,pub.June 1952. 79.9 C164

91062 PARRY, J. The plain weed, goldenrod. Horticulture 30:335. Sept.1952. 80 H787

91063 PAYREBRUNE ST. SEVE, G., BARON De. Die mineralöle in der unkrautbekämpfung. Z. f. Pflanzenkrank. (Pflanzenpath.) Pflanzenschutz 59:255-275. Ref. July/Aug.1952. 464.8 Z3
English summary.

91064 PIACCO, R. Use of hormone herbicides. (In Italian.) Riso 1(6):20-22. (Cont.) July 1952. 59.8 R49

91065 RADEMACHER, B., and OŞOLINS, J. Einfluss der getreidekonkurrenz und des nährstoffgehalts im keimsubstrat auf keimung und jugendentwicklung verschiedener unkräuter. Angew. Bot. 26:69-93. Ref. Mar. 1952. 450 An4

91066 RADOVANOVITCH, J. Sur la possibilité de destruction des mauvaises herbes par les auxines (hormones) dans les semis de tabac. (In Serbo-Croatian.) Tutun 2:81-87. Mar.1952. 69.8 T88
French summary.

91067 RANDOLPH, C. Deschutes' "weed holiday." Reclam. Era 38(9):210-212. Sept.1952. 156.84 R24
Weed control of the lateral and canal system, Deschutes irrigation project.

91068 RAYMOND, L. C. Control of weeds and woody growth in pastures. Canada. Natl. Weed Comt. East. Sect. Proc. 5:112. 1951,pub.June 1952. 79.9 C164

91069 REYNTENS, H. Together with selective weed control by means of synthetic herbicides in the turf of grazed orchards, meadows and pastures, also destruction of certain inferior grass-species by mechanical treatments. (In Flemish.) Gent. Landbhogesch. Meded. 17:1-15. Mar.1952. 105.1 G344
English summary.

91070 ROLAND, A. E. Weed problems in Nova Scotia. Canada. Natl. Weed Comt. East. Sect. Proc. 5: 20-21. 1951,pub.June 1952. 79.9 C164

91071 ROSENSTOCK, H. A. Unkrautbekämpfung auf kulturflächen, werkzeuge und kosten. Forstarchiv 23:110-112. June 15,1952. 99.8 F7723

91072 RUMMELL, R. S. Eliminate cheatgrass [Bromus tectorum] before reseeding [Agropyron cristatum]. Oreg. Farmer 75:636. Aug.21,1952. 6 Or32

91073 SARRABAY, J. La vigne et les desherbants sélectifs hormonés. Rev. Agr. de l'Afrique du Nord 50: 483. July 25,1952. 80 R326

91074 SINCLAIR, A. T. History, development and summary of experimentation with calcium cyanamide. Canada. Natl. Weed Comt. East. Sect. Proc. 5:44-48. 1951,pub.June 1952. 79.9 C164

91075 SMITH, J. M. Biological control of weeds in Canada. Canada. Natl. Weed Comt. East. Sect. Proc. 5:95-97. 1951,pub.June 1952. 79.9 C164

91076 SNYDER, G. R. Progress report with CMU weed killer on railway right-of-way (ballasted section). Canada. Natl. Weed Comt. East. Sect. Proc. 5:29-31. 1951,pub.June 1952. 79.9 C164

91077 SOKOLOV, F. Control of weed infestation of fields during soil cultivation before planting. (In Russian.) Khlopkovodstvo 2:9-15. Feb.1952. 72.8 K522

91078 SOUTHERN AFRICAN WEED CONTROL CONFERENCE, 1, JOHANNESBURG, 1950. Proceedings. Johannesburg,1951. 48 p. 79.9 So823

91079 STAIRS, H. F. Weed problems in New Brunswick. Canada. Natl. Weed Comt. East. Sect. Proc. 5:17-19. 1951,pub.June 1952. 79.9 C164

91080 STEWART, J. A. Weed control in general farm practices. Canada. Natl. Weed Comt. East. Sect. Proc. 5:109-111. 1951,pub.June 1952. 79.9 C164

91081 STRYCKERS, J. Improvement of the sward of permanent pastures. III. The influence of the carrier and of manuring on the action of synthetic growth substances as selective herbicides. (In Flemish.) Gent. Landbhogesch. Meded. 17:28-50. Ref. Mar.1952. 105.1 G344
English summary.

91082 SUGGITT, J. W. The laboratory evaluation of woody plant herbicides. Canada. Natl. Weed Comt. East. Sect. Proc. 5:128-138. 1951,pub.June 1952. 79.9 C164

91083 SUGGITT, J. W. The use of aircraft for right of way brush control. Canada. Natl. Weed Comt. East. Sect. Proc. 5:65-66. 1951,pub.June1952. 79.9 C164

91084 TAYLOR, E. M. Cultural weed control in potatoes. Canada. Natl. Weed Comt. East. Sect. Proc. 5:108-109. 1951,pub.June 1952. 79.9 C164

91085 TERESHCHENKO, F. K. Combating the stalkless thistle [Cirsium] in hay mowing and on pastures. (In Russian.) Kormovaîa Baza 3(5):21-23. May 1952. 60.8 K84

91086 THOMAS, E. K. Do you know poison ivy? Horticulture 30:309,322. Aug.1952. 80 H787

91087 TUPLIN, I. L. The weed situation in Prince Edward Island. Canada. Natl. Weed Comt. East. Sect. Proc. 5:23-25. 1951,pub.June 1952. 79.9 C164

91088 TWOMBLY, A. R. Reduces Poa annua in greens. Golfdom 26(7):67-69. July 1952. 60.18 G58

91089 VIVANI, W. Control of weeds an important factor in agricultural progress. (In Italian.) Colt. e Glor. Vinic. Ital. (n.s.)98:290-291. July 1952. 16 C72

91090 WARREN, J. C. R., and BRONSON, D. R. Maleic hydrazide and other chemicals for the control of wild oats in grain. Canada. Natl. Weed Comt. East. Sect. Proc. 5:67-72. 1951,pub.June 1952. 79.9 C164

91091 WAYWELL, C. G. A progress report on foliage sprays and bark treatments. Canada. Natl. Weed Comt. East. Sect. Proc. 5:116-119. 1951,pub.June 1952. 79.9 C164

91092 WIANCKO, M. R. Observations of the effect of CMU on couch grass. Canada. Natl. Weed Comt. East. Sect. Proc. 5:38. 1951,pub.June 1952. 79.9 C164

91093 WILSON, J. S. Dinitros. Canada. Natl. Weed Comt. East. Sect. Proc. 5:63. 1951,pub.June 1952. 79.9 C164

91094 WILSON, J. S. The importance of spray volume in the application of a basal bark spray. Canada. Natl. Weed Comt. East. Sect. Proc. 5:60-61. 1951,pub. June 1952. 79.9 C164

91095 WILSON, J. S. Low volatile esters of 2,4-D and 2,4,5-T. Canada. Natl. Weed Comt. East. Sect. Proc. 5:64. 1951,pub.June 1952. 79.9 C164

91096 WILSON, J. S. Sodium TCA. Canada. Natl. Weed Comt. East. Sect. Proc. 5:62. 1951,pub.June 1952. 79.9 C164

MISCELLANEOUS ECONOMIC PLANTS
(Drug, Dye, Rubber, Etc.)

91097 AGUILAR, A. A. Cultivo de lupulo en el Valle de Rio Negro. Mundo Agr. 4(38):62,64. July 1952. 9 M92

91098 BAKER, R. E. D. Expedition to the Amazon. Caribbean Comn. Mon. Inform. B. 6:13. Aug.1952. 280.9 C19
Search for new cacao types.

91099 BALDINI, E. Genetical and practical observations for pepper improvement [Capsicum frutescens]. (In Italian.) Ann. della Sper. Agr. (n.s.)6:951-971. Ref. 1952. 16 An76
English summary.

91100 BARTOCCI, O. Planting of coffee on the contour. (In Portuguese.) Colheit. e Mercados 8(5/6): 25-26. May/June 1952. 255.3 Sa652

91101 BEARD, F. H. Seven clonal selections of Golding hops. East Malling Res. Sta. Annu. Rpt. 39:189-196. 1951,pub.1952. 103 Ea7

91102 BERGMARK, M. Cure for weak hearts. (In Swedish.) Trädgårdstidningen 24(8):12-13. Aug.1952. 80 T67
Digitalis.

91103 BERNER, U. Zur duftlenkung. Imkerfreund 7: 235-237. July 1952. 424.8 Im43
Red clover as honey plant.

91104 CEYLON. TEA RESEARCH INSTITUTE. Annual report for the year 1950. Ceylon. Tea Res. Inst. B. 32,58 p. 1952. 68.19 C33

91105 CHEVALIER, A. Quelques Podostémonacées flottantes utilisées comme légumes en Afrique tropicale. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:292-293. May/June 1952. 26 R323

91106 CHIKALOV, P. Method of growing coriander on Krasnoe Znamia Collective Farm [in Otradnenskii District, Krasnodar Territory]. (In Russian.) Kolkhoz. Proizvodstvo 12(5):60. May 1952. 281.8 K83

91107 FOUARGE, E. Bienfaits des plantes. VII. B. Hort. (n.s.)7:200-202. July 1,1952. 80 B873
Drug plants.

91108 HADLEY, P. Mints as honey plants. Mod. Beekeeping 36:281-282. Aug.15,1952. 424.8 B397

91109 HOWES, F. N. The Caesalpinias as tanning materials. Mater. Veg. 1:60-74. Ref. July 1,1952. 64.8 M41

91110 ĪAKOVLEV, A. ĪA. Problems in growing Euonymus [verrucosus]. (In Russian.) Lesn. Khoz. 4(12): 64-65. Dec.1951. 99.8 L5622

91111 IVANČEVIĆ, L. Linden trees in Čortanovci village. (In Serbo-Croatian.) Pčelar 50:80-81. May/July 1952. 424.8 P296
Honey plants.

91112 JEYASEELAN, K. N. Studies in growth and yield of cassava. 1. Trop. Agr. [Peradeniya] 107:168-171. July/Sept.1951. 26 T751

91113 JOSHI, C. G., and MAGAR, N. G. Antibiotic activity of some Indian medicinal plants. J. Sci. & Indus. Res. 11B:261-263. June 1952. 475 J82

91114 JOVANOVIĆ, V. More about the problem of a fuller exploitation of Acacia pastures. (In Serbo-Croatian.) Pčelar 50:35-43. Mar./Apr.1952. 424.8 P296

91115 JOVANOVIĆ, V. On the road to an improvement of bee pasture in Sumadija. (In Serbo-Croatian.) Pčelar 50:71. May/July 1952. 424.8 P296

91116 KHAN, A. R., and GHAYUR, A. Ginger (adrak) cultivation in the Punjab. Punjab Fruit J. 15(52):6-8. Oct.1951/Jan.1952. 80 P692

91117 LINDNER, R. Jedem bienenvolk eine kätzchenweide. Westfälische Bienenztg. 65:73-74. Mar.1952. 424.8 W526
Salix species.

91118 LYAMUNGU, MOSHI. COFFEE RESEARCH AND EXPERIMENTAL STATION. Sixteenth annual report, 1949. Dar es Salaam,1951. 67 p. 68.29 L98

91119 MCMASTER, P. G., and SOLLY, N. R. Coffee and its economics in Kenya. II. Coffee Bd. Kenya. Mon. B. 17:81-84. Apr.1952. 68.29 C652
Pruning

91120 MAHMUD, K. A. Betel (pan) cultivation in Madhya Pradesh. Sci. & Cult. 18:39. July 1952. 475 Sci24

91121 MOLFINO, J. F. Umbeliferas medicinales y aromaticas. Chacra 22(261):62-63. Aug.1952. 9 C34
Argentina.

91122 MOMIROVSKI, J. Fruit trees as honey-bearing plants. (In Serbo-Croatian.) Pčelar 50:46-48. Mar./Apr.1952. 424.8 P296

91123 MOMIROVSKI, J. Improvement of bee pasture. (In Serbo-Croatian.) Pčelar 50:11-13. Jan./Feb.1952. 424.8 P296

91124 MOMIROVSKI, J. Meadows and pastures. (In Serbo-Croatian.) Pčelar 49:104-106. July/Aug.1951. 424.8 P296
Honey plants.

91125 MOMIROVSKI, J. Why did Acacia bloom so little in 1951. (In Serbo-Croatian.) Pčelar 49:180-182. Nov./Dec.1951. 424.8 P296

91126 NAIR, K. N. R. The cultivation of pyrethrum in the Nilgiris (South India). Indian Forester 78:384-399. Aug.1952. 99.8 In2
Chrysanthemum cinerariaefolium.

91127 NEW ENGLAND settlers used their plants. Gard. Club Amer. B. 40(5):43-49. Sept.1952. 90.32 G16
For house and household, by C. Darlington, p. 43-44; For food and drink, by J. Shields, p. 45-46; For drug and home remedies, by Mrs. F. Beecher, p. 46-49.

91128 NICOLATTI, D. A. Honey plants of the Piedmont. (In Italian.) Apic. Mod. 44:132-137. May 1952.

91129 ORTEGA, P. Mas sobre la poda de las raices del cafeto. Rev. del Café 8:5,7. July 1952. 8 R3295

91130 PERRIER DE LA BATHIE, H. Sur les utilités de l'Adansonia grandidieri et les possibilités de culture. Rev. Internatl. de Bot. Appl. et d'Agr. Trop. 32:286-288. May/June 1952. 26 R323

91131 POPOVIĆ, B. P. Utilization of Acacia pasture in the past and current year in Sumadija—Orasać district. (In Serbo-Croatian.) Pčelar 49:167-170. Nov./Dec. 1951. 424.8 P296

91132 PURSEY, M. Know your bee flowers. 3. Heather. Beekeepers' Rec. 70:135. Aug.1952. 424.8 B398
Erica spp. and Calluna vulgaris.

91133 SCHOONNEVELDT, J. C. VAN. Report on the first yield figures of a spacing test of Hevea planted in rows at Sumber Wadnung. (In Dutch.) Arch. v. de Rubbercult. 28:67-84. Dec.1951. 78.8 Ar2

91134 SPAIN. DELEGACIÓN PENINSULAR PARA CAFÉ DE LAS CAMARAS OFICIALES AGRICOLAS DE GUINEA. Memoria del año 1951. Madrid,1952. 31 p. 68.29 Sp1

91135 TORRENT MOLLEVÍ, M. Terapéutica de las plantas en silva. Apendice. Lerida Ganad. (ser.3)137:42-44. Mar.1952. 41.8 L56

91136 WARD, F. K. Wild tea—does it exist? Tea Trade & Indus. 1:239,241. May 1952. 68.18 T225

91137 ZIMMERMANN, T. Vorsicht beim gebrauch von heilkräutern! Obstbau 71:107-108. July 1,1952. 80 Ob73

SOILS AND FERTILIZERS

SOIL SCIENCE

91138 DABIN, B. Les études pedologiques à l'Office du Niger. Études d'Outre-Mer 35:31-33. Jan./Feb.1952. 286.8 M35

91139 DAVIS, J. F. What's new in soils. Amer. Hort. Cong. Proc. 4/5:69-71. 1949-50,pub.1951. 80 Un32Y

91140 GRIN', G. S. Contribution of Kharkov soil scientists to the great projects of communism. (In Russian.) Pochvovedenie 4:377-380. Apr.1952. 57.8 P34

91141 KRUPENIKOV, I. A. V. M. Severgin and his role in the history of soil science. (In Russian.) Pochvovedenie 7:643-655. Ref. July 1952. 57.8 P34

91142 LORENZ, P. Agrartechnische bodenkundliche betrachtungen. II. Deut. Agrartech. 2:170-173. June 1952. 58.8 D482
Russian Zone.

91143 MUSSER, R. H. Soil science invoked by Army Air Force. Soil Conserv. 18:18-19. Aug.1952. 1.6 So3S

91144 SHUVALOV, S. A. On lands in the southwestern irrigation area of the Principal Turkmenian Canal. (In Russian.) Pochvovedenie 4:309-324. Ref. Apr.1952. 57.8 P34
Soil research.

91145 VIL'ĪAMS, V. R. Pochvovedenie; zemledelie s osnovami pochvovedeniia [Soil science; agriculture with principles of soil science] (1927-1938). Moskva,Gos. Izdvo Selkhoz Lit-ry,1951. 576 p. (V. R. Vil'īams. Sobranie Sochinenii 6) 56 V71S

91146 WERNER, A. Earth rays in connection with soil fertility. (In Flemish.) Cult. en Handel 18:478-479. Aug.1952. 80 C892

Soil Physics

91147 ALDERFER, R. B. Compaction of turf soils—some causes and effects. USGA J. & Turf Mangt. 4(2): 25-28. June 1951. 60.18 Un32

91148 BALĪÀBO, N. Soil moisture preservation in the spring and in the first period of growth of the cotton plant. (In Russian.) Khlopkovodstvo 3:27-34. Mar.1952. 72.8 K522

91149 BAY, C. E., WUNNECKE, G. W., and HAYS, O. E. Frost penetration into soils as influenced by depth of snow, vegetative cover, and air temperatures. Amer. Geophys. Union. Trans. 33:541-546. Aug.1952. 330.9 Am3

91150 BEACHER, B. F. New life for the soil. Reclam. Era 38(9):205-207,212. Sept.1952. 156.84 R24
Soil conditioners.

91151 BEKAREVICH, N. E., and KRECHUN, N. B. Importance of stability of structural fraction with the dimension of 0.25—0.5 mm. in the analysis of soil properties. (In Russian.) Dnepropetrovsk. Sel'skokhoz. Inst. Trudy 4:27-37. Ref. 1951. 106 D643

91152 BEKAREVICH, N. E. Relation of stability of soil structural fractions to amount of adsorbed water. (In Russian.) Dnepropetrovsk. Sel'skokhoz. Inst. Trudy 4:17-25. Ref. 1951. 106 D643

91153 BRIND, W. D. Some German and Austrian work on soil compaction and fertility. Soils & Fert. 15:227-230. Ref. Aug.1952. 241 Im7Sf

91154 CAESTECKER, K. DE. L'influence d'une structure défavorable du sol sur la culture de la betterave sucrière. Inst. Belge pour l'Amélior de la Betterave. P. 20:5-16. Jan./Mar.1952. 66.9 In7
English summary.
Yield and soil composition.

91155 CHERNIKOV, F. S. Water regime of light Chestnut soil in the fields and in shelterbelts. (In Russian.) Lesn. Khoz. 4(11):16-18. Nov.1951. 99.8 L5622

91156 CZAJA, A. T. Einige düngungsversuche zu Yucca. Angew. Bot. 26:13-32. Ref. Sept.1951. 450 An4

91157 CZECZOTKA, J., and SOŁTYS, J. A contribution to the study of the influence of grass-clover mashes on the structure of the soil. Akad. Umiej. Wydz. Mat.-Przyrodniczy. Compt. Rend. 3/4:20-21. Mar./Apr.1951. 512 K85C

91158 DHAWAN, C. L., DHAND, A. D., and SHARMA, R, N. A simple apparatus for measuring the shrinkage factor of soils. J. Sci. & Indus. Res. 11B:82-84. Feb. 1952. 475 J82

91159 DHAWAN, C. L., and SHARMA, R. N. Structure of the Punjab soils. Indian J. Agr. Sci. 20:461-478. Ref. Dec.1950,pub.1952. 22 Ag83I

91160 FORS, A. L. Que es y que hace el "krilium." Asoc. de Téc. Azucareros de Cuba. B. Ofic. 11:141-143. May 1952. 65.9 As5B

91161 JOSHI, R. H. Colours of soils of Madhya Pradesh—role of mechanical fractions and organic matter in colour formation. Indian J. Agr. Sci. 20:443-459. Ref. Dec.1950,pub.1952. 22 Ag83I

91162 KHVYLIA, K. S. Improvement of Fadeev—Vil'iams apparatus for determining stability of soil structure. (In Russian.) Pochvovedenie 7:666-667. July 1952. 57.8 P34

91163 KOCH, C. R. The polyelectrolytes; since the announcement of krilium last winter soil conditioners have multiplied like rabbits. Here's how they work. Farm Q. 7(3):56-59,131-133. Autumn 1952. 6 F22995

91164 KRILIUM. Farm Mangt. 1(2):42-44. Jan./Feb. 1952. 281.8 F2225

91165 LEVINE, G. Effects of irrigation droplet size on infiltration and aggregate breakdown. Agr. Engin. 33: 559-560. Sept.1952. 58.8 Ag83

91166 MASCARO, T. Why aerifying has become standard practice. Golfdom 26(7):58,60-61. July 1952. 60.18 G58

91167 MERBITZ. Bodenstruktur und pflanzenwurz Landwirt. Z. der Nord-Rheinprov. 119:874. Aug.16, 1952. 18 L2344

91168 NASON, H. K. Look at the facts! What every dealer should know about soil conditioners. South. Seedsman 15(8):25,61. Aug.1952. 61.8 So8

91169 PARAMZIN, I. I., RUMIANTSEV, V. I., and SHURYGIN, A. P. On the dynamics of soil structure in crop rotation; on a proper theory of soil cultivation [by V. R. Vil'iams] and its incorrect interpretation. (In Russian.) Pochvovedenie 4:357-366. Ref. Apr.1952. 57.8 P34

91170 PETERSON, R. Soil studies on western Canada dam-building projects. Roads & Engin. Constr. 90(8): 100-102,134,136,138,140. Aug.1952. 290.8 C16A

91171 POL'SKII, M. N. On studying porosity and micro-structure of soil aggregates in polished sections. (In Russian.) Pochvovedenie 4:351-356. Ref. Apr.1952. 57.8 P34

91172 RECORDING concentric ring infiltrometer. Agron. J. 44:451. Aug.1952. 4 Am34P

91173 RICHARDS, L. A., and MOORE, D. C. Influence of capillary conductivity and depth of wetting on moisture retention in soil. Amer. Geophys. Union. Trans. 33:531-540. Ref. Aug.1952. 330.9 Am3

91174 SIMON, M. La structure du sol en relation avec le développement de la betterave sucrière en Belgique, au cours de l'année 1951. Inst. Belge pour l'Amélior. de la Betterave. 20:29-60. Jan./Mar.1952. 66.9 In7
English summary.

91175 SPRAGUE, M. A. The substitution of chemicals for tillage in pasture renovation. Agron. J. 44:405-409. Aug.1952. 4 Am34P

91176 TSYGANOV, M. S. In regard to the drying up of the steppes. (In Russian.) Pochvovedenie 4:367-373. Ref. Apr.1952. 57.8 P34

91177 U. S. REGIONAL SALINITY LABORATORY, RIVERSIDE, CALIFORNIA. Water conducting and retaining properties of soils in relation to irrigation, by L. A. Richards. Riverside?1952? 27 p. Ref. 1.965 A2W29

91178 VALLANCE, L. G., and LEVERINGTON, K. C. The effect of molasses and sweet sorghum residues on soil structure. Internatl. Soc. Sugar Cane Technol. Proc. 7:209-217. 1950,pub.1951. 65.9 In84

Soil Chemistry and Mineralogy

91179 ALIAMOVSKII, N. I. On methods for determining acidity of peat bog and marshy soils. (In Russian.) Pochvovedenie 7:668-670. July 1952. 57.8 P34

91180 ARAUJO, W. A. DE, ILCHENKO, W., and SEILER, F. E. E. Transformation of phosphates in different soils in the State of Minas Gerais. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1 (2):7-28. Ref. Feb.1952. 9.2 M663

91181 BE YOUR own research expert; Sacramento Delta farmers use research methods to help solve their own local soil problems. Farm Mangt. 1(5):41-43,45. July/Aug.1952. 281.8 F2225
Analysis.

91182 BISWAS, T. D. Manganese status of some Indian soils. Indian J. Agr. Sci. 21:97-107. Ref. June 1951. 22 Ag83I

91183 BUTIJN, J., and VERRE, W. F. VAN. Determination of salinity. (In Dutch.) Netherlands. Dir. van de Tuinbouw. Meded. 15:419-426. July 1952. 86 N384

91184 CARROLL, D. Mineralogy of some Australian desert soils. J. Sedimentary Petrology 22:153-161. Ref. Sept.1952. 398.8 J82

91185 CHERNOV, V. A., BELIAEVA, N. I., and KISLITSYNA, L. P. Comparison of energies of ion adsorption of hydrogen, trivalent aluminum, calcium and ammonium on Red- and Black soils. (In Russian.) Pochvovedenie 6:528-537. June 1952. 57.8 P34

91186 CHEVALIER, G. Pluies et sols de l'Algerois. Pluies à Alger au cours de la campagne 1949-50 et apports salins aux sols. Algeria. Inst. Agr. Ann. 6(3). 21 p. Aug.1951. 108 AL35

91187 CHIOETTO, F. Soil analysis: problem of chemical extraction of assimilable nutritive elements. (In Italian.) Indus. Sac. Ital. 45:168-173. Ref. May/June 1952. 65.8 In23

91188 CHIRIKOV, F. V., and ALEKSANDROVSKAIA, V. A. Conversion of superphosphate phosphates in soils. (In Russian.) Pochvovedenie 6:538-550. Ref. June 1952. 57.8 P34

91189 DE, P. K., and MUKHERJEE, M. B. The nature of the organic nitrogen compounds of rice soils. Indian J. Agr. Sci. 21:77-92. Ref. June 1951. 22 Ag83I

91190 EIDUKS, J., VAIVADS, A., and PILSKALNE, A. Adsorptive properties of various clays in Latvian SSR. (In Latvian.) Latv. PSR Zinātnu Akad. Vēst. 2: 293-298. 1951. 511 R442
Russian summary.

91191 FUJIWARA, A., and WAKO, M. A newly devised method for soil colloidal fractionation. I. Examination of the method in which thermal diffusion is applied Tôhoku U. Inst. Agr. Res. Rpt. 3:51-65. Ref. 1951. 22.5 T81

91192 FUJIWARA, A,, and WAKÔ, M. Results of electron microscopical examinations of clay minerals in Japanese soils. Tôhoku U. Inst. Agr. Res. Rpt. 3: 67-101. Ref. 1951. 22.5 T81

91193 HARADA, T., HASHIMOTO, H., and YOSHIZAWA, T. The relation of the easily decomposable organic matter of the paddy soil to its colloidal complexes. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:116-128. Nov.1951. 107.6 K995B
English summary.

91194 ISHII, K. Studies on the exchangeable manganese in soils. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:129-135. Ref. Nov.1951. 107.6 K995B
English summary.

91195 JELAVIĆ, A. The content of limestone in the soil and its influence on the vineyards around Vrgorsko Jezero. (In Serbo-Croatian.) Biljna Proizvodnja 5:16-21. Jan./Feb.1952. 64.8 B49
French summary.

91196 JELENSKY, C. F. Acidez en los suelos de la familia Matanzas. Asoc. de Téc Azucareros de Cuba. B. Ofic. 11:181-183. June 1952. 65.9 As5B

91197 JUSCAFRESA, B. Métodos prácticos para analizar y clasificar las tierras de cultivo. Ceres [Valladolid] 17(194):9,11,13,15,17. Aug.1,1952. 15 C33

91198 KOCHERINA, E. I. Comparative study of methods for commercial analysis of soils and grounds. (In Russian.) Pochvovedenie 7:656-665. Ref. July 1952. 57.8 P34

91199 KOVRIGIN, S. A. Dynamics of nitrates, ammonium and mobile phosphorus and potassium forms in soils under various tree species. (In Russian.) Pochvovedenie 7:628-642. Ref. July 1952. 57.8 P34

91200 LUNDBLAD, K. Various kinds of peat soils. (In Swedish.) Växt-Närings-Nytt 8(5):1-4. 1952. 57.8 V47

91201 MCGEORGE, W. T. Slick spots in alfalfa fields. Prog. Agr. Ariz. 4(2):8. July/Sept.1952. 6 P9452

91202 MALAVOLTA, E., GALLI, F., and NOGUEIRA, I. R. Nota preliminar sôbre a determinação biológica do enxofre em solos por meio de Aspergillus niger [Preliminary note on the biological determination of sulfur in soils by means of Aspergillus niger]. Esc. Super. de Agr. "Luiz de Queiroz." An. 8:171-183. 1951. Ref. 102.5 P66A

91203 MANFRED, O. Katalyse, kolloidik, mikrochemie und bodenkultur. Prakt. Chem. 3:55-56. Ref. Mar.1952. 384 P88

91204 MILLINGTON, A. J. Nitrogen in the soils of the WA. wheatbelt. Westral. Farmers' Co-op Gaz. 22 (403,stud stock sup.):29,31-35,37,39. June 1952. 280.28 W522

91205 PAYNE, T. M. B., and GRAY, P. H. H. Modification of a soil percolation apparatus for soils of a high organic matter content. Nature [London] 170:325. Aug.23,1952. 472 N21

91206 PLATE, H. Test your soil and prepare for bigger crops. East. States Coop. 28(9):16-17. Sept. 1952. 280.28 Ea7

91207 RADOSLOVICH, E. W. Soil colloids of several Adelaide Red-Brown earths. Austral. Commonwealth Sci. & Indus. Res. Organ. Div. Soils. Div. Rpt. 9,6 p. 1951. 56.9 Au7

91208 RIEHM, H. Die resultate der bodenuntersuchungen im berichtsjahr 1949/50 und ihre auswirkungen auf die düngemittelanwendung. In Landwirtschaftliche Forschung. Forschung für die praxis und mit der praxis, p.65-72. Darmstadt, Justus von Liebig Verlag, 1951. 395 L23

91209 ROBBINS, C., and KELLER, W. D. Clay and other non-carbonate minerals in some limestones. J. Sedimentary Petrology 22:146-152. Ref. Sept.1952. 398.8 J82

91210 ROY, B. B., and RUDRA, B. B. Distribution of clay minerals in some typical soil profiles at Delhi and Karnal. Indian J. Agr. Sci. 21:183-196. Ref. Sept.1951. 22 Ag83I

91211 SCHUMANN, H. Neuere erkenntnisse auf dem gebiet der bodenminerale. Göttingen. U. Forstl. Fakul. Schrreihe. 2:55-57. 1951. 99.9 G71

91212 SOKOLOV, A. V. Problems in agro-chemical study of soils. (In Russian.) Pochvovedenie 7:585-594. July 1952. 57.8 P34

91213 TERASMAE, E. Kalknings- och gödslings försök pa svavelrik gyttja. Lime and fertilizer trials on gyttja soil rich in sulphur. Sweden. Lantbrhögsk. Jordbrförsöksanst. Meddel. 37,79 p. 1952. 104 Up63
English summary.

91214 TIULIN, A. F., and MALOMAKHOVA, T. A. On colloido-chemical absorption of phosphoric acid by soils and clay minerals. (In Russian.) Pochvovedenie 6: 514-527. Ref. June 1952. 57.8 P34

91215 TSYRKINA, E. B. Data on the characteristics of organic soil substances in the Latvian SSR. (In Russian.) Latv. PSR Zinatņu Akad. Vest. 1:41-57. Ref. 1951. 511 R442

91216 VITTUM, M. T. Fertilizer practice needs some revision according to data on phosphorus accumulation in soils. Farm Chem. 115(9):39-41,63. Sept.1952. 57.8 Am3

Soil Biology

91217 BARJAC, H. DE. Les acides humiques dans la préparation de milieux pour l'étude écologique de la microflore des sols acides. Inst. Pasteur. Ann. 83:279-281. Aug.1952. 448.3 An75

91218 BARJAC, H. DE. La puissance dénitrifiante du sol mise au point d'une technique d'évaluation. Inst. Pasteur. Ann. 83:207-212. Aug.1952. 448.3 An75

91219 BONNIER, C. La fixation symbiotique de l'azote de l'air, chez les Légumineuses. Ann. de Gembloux 58:114-124. Ref. Second Q.1952. 13 G28

91220 BOSE, R. G. Fungi decomposing jute in soil incubation. J. Sci. & Indus. Res. 11B:250-252. June 1952. 475 J82

91221 BURLESON, F. R. The isolation and rapid culture of soil algae. (Abs.) Tenn. Acad. Sci. J. 27:202. July 1952. 500 T25A

91222 COPPIER, O., and POCHON, J. Pouvoir ammonifiant réel et potentiel du sol dans ses rapports avec la microflore. Inst. Pasteur. Ann. 83:200-206. Aug. 1952. 448.3 An75

91223 COUSIN, F. (HIJO). Aislamiento, cultivo artificial e inoculación de Rhizobium leguminosarum, para aumentar la producción de leguminosas en los terrenos pobres en dichas bacterias. Ecuador. U. Cent. An. 79(331/332):65-72. Jan./June 1952. 516 Ec9

91224 FLIEG, O. Uber das verhalten von 2,4D im boden hinsichtlich mikrobieller wirkungen, beweglichkeit und abbau. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:133-135. Mar.1952. 410.9 G31M

91225 GLADILOVICH, B. R. AMB bacterial fertilizer. (In Russian.) Sad i Ogorod 2:75-77. Feb.1952. 80 Sa13
Experiments with vegetables.

91226 KITZKE, E. D. A new method for isolating members of the Acrasieae from soil samples. Nature [London] 170:284-285. Aug.16,1952. 472 N21

91227 KOHLER, H. Die antibiotikabildner im boden in ihrer abhängigkeit von der jahreszeit. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:15-18. Mar.1952. 410.9 G31M

91228 LOCHHEAD, A. G., BURTON, M. O., and THEXTON, R. H. A bacterial growth-factor synthesized by a soil Bacterium. Nature [London] 170:282. Aug.16, 1952. 472 N21

91229 MULLER, H. Uber die wirkung des cyanamids im kalkstickstoff auf die verschiedenen mikroorganismengruppen, insbesondere auf schadpilze im boden. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:23-27. Mar. 1952. 410.9 G31M

91230 NELSON, C. I. The micro-organisms in our soil from bonanza days to now. II. N. Dak. Agr. Expt. Sta. Bimon. B. 14:227-231. July/Aug.1952. 100 N813B

91231 POCHON, J., and BARJAC, H. DE. Action inhibitrice des extraits aqueux de tourbe sur la croissance des germes du sol. Inst. Pasteur. Ann. 83:196-199. Aug.1952. 448.3 An75

91232 POCHON, J., and CHALVIGNAC, M. A. Recherches sur la protéolyse bactérienne aérobie au sein d'un sol. Inst. Pasteur. Ann. 82:690-695. June 1952. 448.3 An75

91233 PRASAD, N. Symbiotic nitrogen fixation. Bansilal Amritlal Agr. Col. Mag. 5(2):17-23. Feb.1952. 22 B22
By legumes.

91234 TAYLOR, C. B. Coli-aerogenes bacteria in soils. J. Hyg. 49:162-168. Ref. June/Sept.1951. 449.8 J82

91235 TIDMAN, D. A. Soil—a living entity. Milk Indus. 33(2):80-83. Aug.1952. 44.8 M593
Biology.

91236 TOMBESI, L. The temperature action on soil metabolic activities. (In Italian.) Ann. della Sper. Agr. (n.s.)6:845-856. 1952. 16 An76
English summary.

91237 TSUYAMA, H., and SAKAMOTO, M. Isolation methods of the soft-rot [Erwinia aroideae] causing bacteria from the soil. Tôhoku U. Inst. Agr. Res. Rpt. 3:29-34. 1951. 22.5 T81

91238 VIRTANEN, A. I. Some aspects of biological nitrogen fixation. Acad. Sci. Fenn. Ann. Ser. A: II. Chem. 43,19 p. Ref. 1952. 385 H362

91239 YAMADA, N., and IYAMA, J. Gas in the soil of paddy field. 1-2. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:37-42. June 1952. 340.9 So1
English summary.
1, Method of collecting and analyzing; 2, Effect of "Shirokaki" and cultivation on the gas of paddy field.
Gas produced by microorganisms.

Soil-Plant-Animal Relationships

91240 ALBRECHT, W. A. More and better proteins make better food and feed. Better Crops Plant Food 36(7):9-13,38-39. Aug./Sept.1952. 6 B46
Soil - plant - animal relations.

91241 ALBRECHT, W. A. Pastures and soils. Tex. Livestock J. 11(8):62,64,66,68. Aug.15,1952. 49 T29

91242 ALBRECHT, W. A. Soil science looks to the cow; a problem premised on nitrogen shortage in the soil. Polled Hereford World 6(9):10-11,64-65,69. Sept.1952. 43.8 P76

91243 BRÜNNER. Nähr- und mineralstoffgehalt des wiesenheus in seiner abhängigkeit von düngung und pflanzenbestand. Grünland 1:18-20. Mar.1952. 18 G922

91244 O'MOORE, L. B. Some effects of mineral imbalance in herbage on the health of grazing stock. Irish Vet. J. 6:392-404. Ref. June 1952. 41.8 Ir4

Soil Genesis, Formation, Classification, and Mapping

91245 BUCHANAN, D. E. Preliminary soils investigation of the Columbus area, New Mexico. N. Mex. Agr. Expt. Sta. Press B. 1072,17 p. Aug.1952. 100 N465

91246 BUNTLEY, G. Soil survey in South Dakota. S. Dak. Farm & Home Res. [S. Dak. Sta.] 3:94-96. Summer 1952. 100 So82S

91247 CROSSLEY, D. I. The soils on the Kananaskis Forest Experiment Station in the sub-alpine forest region in Alberta. Canada. Forest Res. Div. Silvicult. Res. Note 100,32 p. 1951. 99.9 C16Re

91248 DONDOLI, C. Zona de palmares: estudio geoagronômico. Costa Rica. Min. de Agr. e Indus. Secc. de P. y Bibliot. B. Téc. 5,16 p. 1951. 8 C827

91249 GEIB, K. W. Weinbergkartierung an der nahe. Deut. Weinbau 7:264. June 5,1952. 390.8 W432
Grape soils.

91250 HUBBLE, G. D. A reconnaissance soil survey of the coastal heath country north-west Tasmania. Austral. Commonwealth Sci. & Indus. Res. Organ. Div. Soils. Div. Rpt. 10,24 p. Dec.1951. 56.9 Au7

91251 IVANOVA, E. N., and others. Classification of soils for improvement in the Caspian Lowlands and Southern Zavolzh'e in the between-river boundaries of Volga and Ural. (In Russian.) Pochvovedenie 4:325-331. Apr.1952. 57.8 P34
N. K. Baĭbabo, L. S. Dolgova, A. A. Erokhina, P. É. Kriger, V. P. Medvedev, S. A. Nikitin, V. A. Nosin, A. P. Petrov, A. A. Trushkovskiĭ, V. M. Fridland, and K. N. Shishkov, joint authors.

91252 LITCHFIELD, W. H. A reconnaissance soil survey of "Campbell Park" Estate, Part Hundred of Baker, County of Russell, S. A. Austral. Commonwealth Sci. & Indus. Res. Organ. Div. Soils. Div. Rpt. 3,20 p. Mar.1952. 56.9 Au7

91253 ORFANITSKIĬ, IU. A. On connection of soils with relief and on utilizing aerial photographs in detailed soil mapping. (In Russian.) Pochvovedenie 4:332-340. Ref. Apr.1952. 57.8 P34

91254 OUDIN, A. Carte des sols de France. Schweiz. Z. f. Forstw. 103:277-279. Aug.1952. 99.8 J82

91255 POULSON, E. N., and SWARNER, L. R. Land classification and construction. & Reclam. Era 38(9):218-219,226. Sept.1952. 156.84 R24
Segregating land suitable for agricultural production under irrigation.

91256 PRESCOTT, J. A., and PENDLETON, R. L. Laterite and lateritic soils. Uruguay. Min. de Ganad. y Agr. B. Inform. 47,51 p. 1952. 56.9 Im72

91257 REID, L. The conservation farmer uses labels for land. Soil & Water Mag. 1(8):20-33. Aug.1952. 54.8 So3

91258 ROZANOV, A. N. Problems of loess and Sierozem soil formation. (In Russian.) Pochvovedenie 7:611-627. Ref. July 1952. 57.8 P34

91259 SMITH, R. The soil survey of Bramley Research Station, Western Australia. Austral. Commonwealth Sci. & Indus. Res. Organ. Div. Soils. Div. Rpt. 2,12 p. Jan.1952. 56.9 Au7

SOIL MANAGEMENT

91260 BEELER, M. N. Fertility build-up and fertility upkeep. Kans. Farmer 89(16):21-23. Aug.16,1952. 6 K13

91261 BURNS, P. Y. Effect of fire on forest soils in the pine barren region of New Jersey. Yale U. Sch. Forestry. B. 57,50 p. Ref. 1952. 99.9 Y1B

91262 CASPARE, H. E. Organic fertilizing. (In Dutch.) Nederlandse Ver. tot Bevord. der Biol.-Dyn. Landbmethode. Vruchtbare Aarde 10:45-47. July 1952. 80 N28

91263 COSTA RICA. MINISTERIO DE AGRICULTURA E INDUSTRIAS. Las quemas. Costa Rica. Min. de Agr. e Indus. B. Divulg. 11,15 p. 1951. 280.9 C822
Effects on soils.

91264 DONDI, G. Observation on reclamation. (In Italian.) Assoc. Naz. delle Bonifiche, Irrig. e Miglioramenti Fondiari. B. Mens. 6:127-129. June 1952. 55.9 As72
Italy.

91265 ENGLE, R. M. Productive fields from neglected acres. Natl. Fert. Rev. 27(3):8-9. July/Sept.1952. 57.8 F414

91266 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Steigerung der bodenleistung. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 3,46 p. 1951. 18 G312V
Soil management.

91267 KOBAYASHI, T. Studies on the low productive soils in reclaimed lands. IV. Ammonification and nitrification of the soils in clearing uplands. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:106-115. Ref. Nov.1951. 107.6 K995B
English summary.

91268 RUBIN, S. S. System of soil maintenance in orchards. (In Russian.) Sad i Ogorod 5:7-11. May 1952. 80 Sa13

91269 SCHELPMEYER, G. Behandeln wir den boden richtig? XVI. Streifensaat-intensivkultur und streifensaat-grünrotten. Tech. f. Bauern u. Gärt. Ausg. A 4:319-320,343-344. July 25-Aug.10,1952. 58.8 T223

91270 SHAH, S. A. Economics of shifting cultivation in South Konkan. Indian Forester 78:417-422. Aug.1952. 99.8 In2

91271 SHRAG, V. I. In regard to problems in the study of flood plain soils, their economic utilization and improvement. (In Russian.) Pochvovedenie 6:507-513. June 1952. 57.8 P34

91272 TRASK, E. E. A soil map for better soil management. Calif. Avocado Soc. Ybk. 1951:89-90. 81 C128

91273 WILSON, R. G. Soil management and plant nutrition. South. Florist & Nurseryman 65(23):26-28. Aug.29,1952. 80 So86

Soil Fertility

91274 ACHILLES, M. Sind mehrnährstoff-dünger heute angebracht? Deut. Landwirt. 3:348-349. July 1952. 18 D4822

91275 ALDROVANDI, A. Fertilizing sugar beets in Italy. (In Italian.) Indus. Sac. Ital. 45:174-179. May/June 1952. 65.8 In23

91276 ALLEN, L. C. Cotton burs to go back to land on South Plains. Prog. Farmer, Tex. Ed. 67(9):8,115. Sept.1952. 6 T311

91277 BEACHER, R. L. Rice fertilization; results of tests from 1946 through 1951. Ark. Agr. Expt. Sta. B. 522,31 p. June 1952. 100 Ar42

91278 BEMELMANS, J. Potassium hunger. (In Portuguese.) São Paulo. Supt. dos Serv. do Café. B. 27:500-504. June 1952. 68.29 Sa63

91279 BENGTSSON, N. G. Valuable fertilizer experiences from the Gisselås experiments (Jämtland). (In Swedish.) Växt-Närings-Nytt 8(5):33-36. 1952. 57.8 V47

91280 BONILLA, R. A. Urge corregir la acidez de la tierra sembrada de caña. Caña y Azúcar 1(2):19-20. May 1952. 65.8 C163

91281 BOYD, H. J. H. Further views on fertilization of tobacco in Central Africa. Rhodesian Tobacco J. 4(6):61-63. June 1952. 69.8 R34

91282 BUDIN, K. Z. Attempts to obtain a large potato crop on the collective farm "Vlast' Sovetov." (In Russian.) Sad i Ogorod 5:62-64. May 1952. 80 Sa13
Fertilizers.

91283 BURVILL, G. H. The soil as a basis for plant growth. Westral. Farmers' Co-op Gaz. 22(403,stud stock sup.):7,9,11,13,15-16. June 1952. 280.28 W522
Soil characteristics.

91284 BUSTOS G., R. Ensayos de abonos fosfatados comerciales en remolacha azucarera. Simiente 21:47-49. 1951. 9.3 Si4

91285 BUSTOS G., R. Ensayos de dosis y forma de colocación del abono fosfatado en remolacha azucarera. Simiente 21:51-54. 1951. 9.3 Si4

91286 CASSIDY, N. G. The potash status of coconuts on Viti Levu. Fiji. Dept. Agr. Agr. J. 23(1):25-26. Mar. 1952. 25 F47Ag

91287 CASSIDY, N. G., and HARWOOD, L. W. Response to lime in Viti Levu. Fiji. Dept. Agr. Agr. J. 23(1):28. Mar.1952. 25 F47Ag

91288 COLLINS, E. R. Liquid nitrogen fertilizer. N. C. Agr. Col. Ext. C. 369,8 p. May 1952. 275.29 N811

91289 CRAWFORD, A. Superphosphate handled in bulk for aerial distribution. New Zeal. Farmer 73(11): 3-4. July 31,1952. 23 N484

91290 DAVIDSON, L. G. Summary of fertilizer tests on sugarcane in 1951. Sugar B. 30:361-367. Aug.15,1952. 65.9 Am32
Louisiana.

91291 DROZDOV, G. N. On new methods in the effort to increase soil fertility. (In Russian.) Sovet. Agron. 10(6):27-32. June 1952. 20 So84

91292 DUCHE, J. Le probléme de la fumure. Rev. Agr. de l'Afrique du Nord 50:405-409,417-420. June 20-27,1952. 80 R326

91293 EMBLETON, T. W., KIRKPATRICK, J. D., and PARKER, E. R. Phosphatic nutrients. Citrus Leaves 32(9):6-9. Sept.1952. 80 C492

91294 FERWERDA, J. D. Overde werking van stalmest op bouwland. II. The effect of farmyard manure on arable land. II. Netherlands. Dir. van de Landb. Verslagen van Landbk. Onderz. 57.16,75 p. 1951. 105.2 V61V
English summary.

91295 FM PROBLEM study report No. 3: Fertilizers in western agriculture. Farm Mangt. 1(3):55-70. Mar./Apr.1952. 281.8 F2225

91296 GERLACH, J. Zur frage: steigert stickstoff die erträge auch bei hülsenfrüchten? Deut. Landwirt. 3: 369. July 1952. 18 D4822

91297 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Bodenuntersuchung--die grundlage sachgemässer düngung. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst [Veröffentl.] 39,4 p. 1952. 18 G312V

91298 GOMES, F. P., and MALAVOLTA, E. Pesquisas sôbre a análise estatistica de experiências de adubação com o auxilio da Lei de Mitscherlich [Research on statistical analysis of fertilizer experiments with the aid of the Mitscherlich Law]. Esc. Super. de Agr. "Luiz de Queiroz." An. 8:1-14. 1951. 102.5 P66A

91299 GOOR, G. A. W. VAN DE. Notes on manuring of rice. (In Dutch.) Landbouw [Bogor] 23:527-562. Ref. Oct./Dec.1951. 22.5 L23
English summary.

91300 GREEN, V. E., and STONER, W. N. Rice culture on muck soils of the everglades. Rice J. 55(9):8-10,12. Ref. Sept.1952. 59.8 R36

91301 GUILLEM, R. Perennial munga [Phaseolus aureus]--excellent cover crop. Agr. & Indus. Life 14 (7):4,45. July 1952. 25 Ag8

91302 HALAIS, P. Foliar diagnosis, a new guide to fertilization of sugar cane in Mauritius. Internatl. Soc. Sugar Cane Technol. Proc. 7:218-233. Ref. 1950, pub.1951. 65.9 In84
Includes discussion.

91303 HERNANDEZ, C. C. Lime and fertilizer application pays. Agr. & Indus. Life 14(7):8-9,46. July 1952. 25 Ag8

91304 HERVEY, R. J. We're wasting phosphate; radioactivity has given added proof of a new and better way to apply phosphate fertilizers. Prog. Farmer, Tex. Ed. 67(9):19. Sept.1952. 6 T311

91305 HESTER, J. B., SHELTON, F. A., and ISAACS, R. L., JR. Influence of chemical nutrients on the crop producing power of soil horizons. Farm Chem. 115(9):19-21,23. Ref. Sept.1952. 57.8 Am3

91306 HESTER, J. B., ISAACS, R. L., JR., and SHELTON, F. A. Magnesium and potassium nutrition for sweet potatoes in the Coastal Plain. Better Crops Plant Food 36(7):21-22. Aug./Sept.1952. 6 B46

91307 INVESTIGATIONS with radioisotopes shed light on question of banded or drilled super placement? Farm Chem. 115(9):46-47,49-50. Sept.1952. 57.8 Am3

91308 JOHNSON, S. E. Profitable use of fertilizer, a forward look. Natl. Fert. Rev. 27(3):3-5,18. July/Sept. 1952. 57.8 F414

91309 JUL REYES, G., and BUSTOS, G., R. Ensayos de dosis y elementos fertilizantes en remolacha azucarera. Simiente 21:41-45. 1951. 9.3 Si4

91310 KNICKMANN. Fragen der phosphorsäuredüngung im obstbau. Hess. Obstbau 7:85-86. June 1952. 80 G1932

91311 KOLOSOVA, A. V. Problem of enriching sown meadow grass with legumes. (In Russian.) Kormovaîa Baza 3(5):18-20. May 1952. 60.8 K84

91312 LITTLE, S. Nitrogenous fertilisers; use them as a whip to increased production. Beet Grower 6:121-122. July 1952. 66.8 B392

91313 LITYŃSKI, T., KASPERKIEWICZ, M., and SZELC, J. The effect of different periods of top-dressing with ammonia and nitrate of sodium on mangold-crops. Akad. Umiej. Wydz. Mat.-Przyrodniczy. Compt. Rend. 3/4:22-24. Mar./Apr.1951. 512 K85C

91314 LITYNSKI, T., and JURKOWSKA, H. On the influence of ammonia and sulphate of ammonium on the development and crop of oats. Akad. Umiej. Wydz. Mat. Przyrodniczy. Compt. Rend. 3/4:21-22. Mar./Apr.1951. 512 K85C

91315 LONG, O. H., SANDERS, K. B., and UNDERWOOD, J. K. Fertilization of pastures. Tenn. Agr. Expt. Sta. Prog. Rpt. 2:5,9. Apr./June 1952. 100 T25F

91316 LUGO-LOPEZ, M. A., and MARTINEZ, M. B. Fertilizer placement affects sugar-cane yields. Agr. Engin. 33:548. Sept.1952. 58.8 Ag83

91317 LUNDBLAD, K. Liming and fertilizing of peat soils. (In Swedish.) Växt-Närings-Nytt 8(5):5-12. 1952. 57.8 V47

91318 LUNT, O. R., and MOFRANEK, A. M. Liquid fertilizers for growing ornamentals. Pacific Coast Nurseryman 11(8):19,46. Aug.1952. 80 P116

91319 MAGNITSKII, K. P. Determining nitrogen and potassium requirements of potatoes. (In Russian.) Sad i Ogorod 1:69-71. Jan.1952. 80 Sa13

91320 MARAIS, J. S. C., and STEIN, L. H. Fertilizer studies with tobacco plants using radiophosphorus labelled superphosphate. Union So. Africa. Dept. Agr. Sci. B. 331,8 p. 1951. 24 So84S

91321 MASON, T. F. Greenkeeping on clay soil. Sports Turf Res. Inst. J. 8:67-75. 1951. 60.19 B772

91322 MEER, H. J. VAN DER. Tough grasses in the tea. (In Dutch.) Bergcultures 21:291. July 16,1952. 22.5 B45
Cover crop.
Reply, by J. H. Snijders, p. 291-292.

91323 MELLO, E. M. DE. Necessity for refertilizing soils. (In Portuguese.) Lav. Arroz. 6(65):32. May 1952. 59.8 L39

91324 MOLFINO, R. H., and others. La fertilidad del suelo pampeano. Rev. Argentina de Agron. 19:69-115. June 1952. 9 R327
A. J. Prego, A. M. Offermann, M. J. R. Zafanella, M. A. L. Reichart, and W. F. Kugler, joint authors.
A symposium under the auspices of the Sociedad Argentina de Agronomia.

91325 MOLLISON, I. A. Desmodium ovalifolium as a cover crop for tea. Ceylon. Tea Res. Inst. Tea Q. 23:53. June 1952. 68.18 C33

91326 MOSIUK, M. F. Effect of mineral fertilizers on a lowland peat bog. (In Russian.) Pochvovedenie 6: 562-569. June 1952. 57.8 P34

91327 NESMITH, J., and GUILFORD, H. Effect of fertilizer on winter grazing studied by Soil Science Foundation. Fla. Cattleman 16(12):44-45,47. Sept.1952. 43.8 F66

91328 NIPPON NOGYO SHIMBUN. Jozu na shin hiryo no hodokoshikata [Better ways of using new fertilizer]. Tokyo,Soryusha,1951. 189 p. 57 N62

91329 PAISLEY, K. Fertilisers for horticultural crops. 9. Manures for lettuces. Fert. Feed. Stuffs & Farm Supplies J. 38:527-528. Aug.20,1952. 57.8 F413

91330 PANSE, V. G., SAHASRABUDHE, V. B., and MOKASHI, V. K. Co-ordinated manurial trials on rainfed cotton in peninsular India. Indian J. Agr. Sci. 21:113-135. June 1951. 22 Ag83I

91331 PANSE, V. G., and MOKASHI, V. K. Manuring of rainfed cotton in India. Indian Cotton Growing Rev. 6:61-69. Apr.1952. 72.8 In23

91332 PENDERGRASS, W. Lime, fertilizer and manure. Tenn. Agr. Expt. Sta. P. 336 p. Apr.1952. 275.29 T25

Rate and time of application and crop requirements.

91333 PIKALEV, A. IA., and FATCHIKHINA, O. E. Utilization of peat in vegetable culture. (In Russian.) Sad i Ogorod 2:67-72. Feb.1952. 80 Sa13

91334 PINKOW, H. Die pfropfrebe und ihre böden. Deut. Weinbau 7:437-438,441-442. Aug.20,1952. 390.8 W432

91335 RADOYEVITH, R. Les sols des coteaux comme emplacement pour la culture des tabacs du type macédonien. (In Serbo-Croatian.) Tutun 2:19-27. Jan.1952. 69.8 T88

French summary.

91336 ROCASOLANO, C. Cómo actua la cal en los cultivos. Cult. Mod. 35:259. July 1952. 15 C89

91337 ROGERS, H. T. Nitrogen captures the Wheat Belt. Wash. Farmer 77:684,686. Sept.4,1952. 6 R151

91338 SCHACHL, M. Die düngung von blumen und zierpflanzen. Obst. u. Gart. 6:126-127. Sept.1951. 80 Ob75

91339 SCHOONOVER, W. R. Preparation of soils for nursery crops. Pacific Coast Nurseryman 11(8):17,44-46. Aug.1952. 80 P116

91340 SCHRADER. Das ideale nährstoffverhältnis und die auswertung der bodenuntersuchungsergebnisse. Deut. Weinbau 7:233-234. May 20,1952. 390.8 W432

91341 SEN, S., and BAINS, S. S. Effect of different forms of phosphates alone and in combination with other manures on berseem and after effects on maize and wheat. Indian J. Agr. Sci. 21:197-202. Sept.1951. 22 Ag83I

91342 SIDORENKO, K. Experiment in using liquid fertilizer for sugar beets. (In Russian.) Sovet. Agron. 10(6):77-78. June 1952. 20 So84

91343 SIMON, M. Betterave sucrière et surchaulage. Inst. Belge pour l'Amélior. de la Betterave. P. 19:263-271. Nov./Dec.1951. 66.9 In7

English summary.

91344 SKOLD, L. N. Alfalfa is big consumer of plant food. Tenn. Agr. Expt. Sta. Prog. Rpt. 2:7. Apr./June 1952. 100 T25F

91345 SOUBIÈS, L. Une méthode expérimentale simple pour établir une fumure minérale équilibrée. B. des Engrais 342:110-113. June 1952. 57.8 B87

91346 SOUILIJAERT, G. La fumure du jardin familial. Jard. d'Aujourd'hui 1:10-11. Spring 1952. 80 J286

91347 SWANBACK, T. The nitrogen fertilization of Connecticut tobacco. Conn. (State) Agr. Expt. Sta. B. 559,23 p. Ref. June 1952. 100 C76St

91348 TAMMAN, A. I. Fertilizers and sequence of potatoes in the grass-field crop rotation. (In Russian.) Sovet. Agron. 10(6):45-55. June 1952. 20 So84

91349 THEMLITZ, R. Vergleichende untersuchungen über die wirkung verschiedener kalkdüngerarten auf die rohhumuszersetzung. Göttingen. U. Forstl. Fakul. Schrreihe. 2:58-61. 1951. 99.9 G71

91350 THIERY, P. Le calendrier de l'emploi des amendements calcaires. B. des Engrais 342:116-118. June 1952. 57.8 B87

91351 THROUGHTON, A. Grass roots (ploughed in) equal 40 tons of muck per acre. Dairy Farmer [Ipswich] 25(9):25. Sept.1952. 44.8 D1414

91352 TORRES, J. DI P. Organic fertilizers for corn. (In Portuguese.) Lav. e Criação 13(5):9-11. May 1952. 49 L392

91353 TROPASHKO, P. Method for lime fertilizers application. (In Russian.) Kolkhoz. Proizvodstvo 12(5): 30. May 1952. 281.8 K83

91354 TURNER, F. C. Blue lupine saves day for drouth harrassed corn. South. Seedman 15(9):10. Sept. 1952. 61.8 So8

91355 VERGNAUD, H. La chaux des engrais. Agr. Prat. 116:394-395. Aug.1952. 14 J82

91356 VUORINEN, J. Koetilojen peltojen viljavuudesta. On the fertility of soils on experimental farms in Finland. Finland Maatalouskoelaitoksen. Maatutkimusosasto. Agrogeol. Julkaisu. 59,59 p. 1952. 56.9 F49

English summary.

91357 WEIJER, L. De hoofdzaken van de meststoffen en de bemesting voor de boerderij [Principles of fertilizers and farm fertilizing]. Ed. 4. Doetinchem,Misset, 1951. 41 p. 57 W423

91358 WILLIAMS, M. Plan for grassland manuring. Dairy Farmer [Ipswich] 25(9):19,21. Sept.1952. 44.8 D1414

91359 WINKLER, H. "The permanent fertilizer experiment" on peat soil at Flahult's Experiment Farm 1904-1950. (In Swedish.) Växt-Närings-Nytt 8(5):26-28. 1952. 57.8 V47

91360 WOODHOUSE, W. W., JR. Fertilizing alfalfa. Breeder-Stockman 14(4):26,30,32. Sept.1952. 49 V81

Soil Tilth and Tillage

91361 BEHRENDS, D. S. Mulch for happy roots. Begonian 19:201. Sept.1952. 96.511 B39

91362 CHAUMIER, P. La préparation du sol et les façons culturales. Jard. d'Aujourd'hui 1:12-13. Spring 1952. 80 J286

91363 DAIGO, Y., and MARUYAMA, E. Micrometeorological study on the effect of strawmatting. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:74-76 June 1952. 340.9 So1

English summary.

91364 DAY, R. New life for worn out land; deep plowing restores fertility and recharges trace reserves on America's farms. Mod. Nutr. 5(6):13-14. June 1952. 389.9 Am352

91365 FREITAS, H. DE Preparing the soil for cultivation. (In Portuguese.) Lav. e Criacão 13(4):49. Apr. 1952. 49 L392

91366 FUCHSS, H. Bodenbearbeitung im weinbau. Deut. Weinbau 7:403,405. Aug.20,1952. 390.8 W432

91367 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Herbstbestellung. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 26,8 p. Aug./Sept. 1951. 18 G312V

91368 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Winter-arbeiten. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 36,8 p. Dec.1951/Jan.1952. 18 G312V

91369 GREGOIRE, R., and LOUMAYE, E. Le labour et la structure du sol, en relation avec la culture de la betterave sucrière; observations faites en Belgique en 1951. Inst. Belge pour l'Amélior. de la Betterave. P. 20:17-27. Jan./Mar.1952. 66.9 In7

English summary.

91370 JACOBSON, G. Trädesförsök resultat av bearbetningsförsök under åren 1936-1941 och 1942-1948. Trials concerning fallow treatment during 1936-1941 and 1942-1948. Sweden. Stat. Jordbrförsök. Meddel. 38,35 p. 1952. 104 Up63

English summary.

91371 JAUREGUI, J. S. La acción del arado y conservación de suelos (una investigacion sobre prácticas de cultivo). Hereford 19:409-413. Aug.1952. 43.8 H42

91372 KRAUSE, F. Stellungnahme zum problem der untergrundlockerung. Deut. Landwirt. 3:376-377. July 1952. 18 D4822

91373 MCCRORY, S. A., and LAZARUK, W. Mulching strawberry plants for winter protection. S. Dak. Agr. Expt. Sta. B. 420,18 p. May 1952. 100 So82

91374 MORISHIMA, S. On the earth resistance to shares of Japanese plows. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:347-352. Nov.1951. 107.6 K995B
English summary.

91375 REUSS, E. Falsche und richtige bodenbearbeitung im erdbeerfeld. Tech. f. Bauern u. Gärt. Ausg. G 4:324-325. July 25,1952. 58.8 T223G

91376 SOMMERFELD, K. Zeitgerechtes schälen voraussetzung für erfolgreichen zwischenfruchtbau. Deut. Landwirt. 3:339-341. July 1952. 18 D4822

91377 STENTOFT, N. C. Treatment of ryegrass stubble. (In Danish.) Tidsskr. f. Froavl 21:7-9. July 1952. 61.8 T43
Tillage.

91378 WEAVER, L. R., and JOHNSON, F. S. Preparation of soil for planting. (In Portuguese.) Fazenda 47 (8):30-32. Aug.1952. 6 H11P

Drainage, Irrigation, Water Supply, and Flood Control

91379 ANCHELEVICH, O. In regard to a technique for cotton irrigation in the Ukraine. (In Russian.) Khlopkovodstvo 2:21-24. Feb.1952. 72.8 K522

91380 ARGHINENTI, G. Recovery of the agricultural lands in the flooded areas of Polesine. (In Italian.) Humus 8(6):3-7. June 1952. 16 H88

91381 BALNEAVES, E. Where water means life. Pakistan 2(2):62-67. Spring 1952. 278.8 P17
Flood control and irrigation.

91382 BECK, V. S. Expert use of water tripled yield. Soil Conserv. 18:20-21. Aug.1952. 1.6 So3S
Land leveling and irrigation in Colorado.

91383 BELLINCIONI, G. Hydraulic protection and river management. (In Italian.) Monti e Boschi 3:291-294. July 1952. 16 M76
English summary.
Flood control and irrigation.

91384 BIRIUKOVA, A. P. Fourteen-year experiment of soil irrigation in Zavolzh'e on local [river] flow. (In Russian.) Pochvovedenie 4:341-350. Ref. Apr.1952. 57.8 P34

91385 BLISS, E. S., and JOHNSON, C. E. Some factors involved in ground-water replenishment. Amer. Geophys. Union. Trans. 33:547-558. Ref. Aug.1952. 330.9 Am3

91386 BOUYOUCOS, G. J. A new electric automatic irrigation system. Agron. J. 44:448-451. Aug.1952. 4 Am34P

91387 BUZUNOV, I. Some recommendations on planning projects for enlargement of irrigated plots. (In Russian.) Khlopkovodstvo 3:74-80. Mar.1952. 72.8 K522

91388 CANADA. DEPT. OF AGRICULTURE. Second annual report on activities under the Maritime Marshland Rehabilitation Act for the fiscal year ended Mar.31,1951. Amherst,1951. 34 p. 54.9 C16

91389 CAPULER, B. An irrigation experiment with summer tomatoes. (In Hebrew.) Hassadeh 32:374-377. May 1952. 26 H27

91390 CECCHETTI, G. Agricultural transformation of anomalous lands. (In Italian.) Agr. delle Venezie 6: 362-365. Aug.1952. 16 Ag826
Reclamation in Po Delta.

91391 COSSETTE, M. On peut égoutter les endroits "sourceux." B. des Agr. 34(8):10-11,51. Aug.1952. 7 B872

91392 DAYE, V. L. Reclaiming Maritime farms from the sea. Family Herald & Wk. Star 83(28):5,13. July 10,1952. 7 F21
Maritime Marshland Rehabilitation scheme in Canada.

91393 DIXON, J. W. Social and economic implications of irrigation development. Civ. Engin. 22:689-690, 834-835,839. Sept.1952. 290.8 C49

91394 DON'T gamble with makeshift ditch construction. Farm Mangt. 1(2):31-33. Jan./Feb.1952. 281.8 F2225
Irrigation.

91395 EASTERBROOK, L. F. Protection of reclaimed lands from flooding. (In Italian.) Humus 8(6): 19-20. June 1952. 16 H88
Fen district in England.

91396 ERICKSON, L. C., and RICHARDS, S. J. Watering by tensiometers. Amer. Orchid Soc. B. 21: 669-674. Sept.1952. 80 Am329

91397 FARBER, M. Canales y acequias para riego. Chacra 22(261):20-21. Aug.1952. 9 C34

91398 FERGUSON, F. L. Open ditches. Farmer's Mag. 49(9):24-26. Sept.1952. 7 C165

91399 FM PROBLEM study report No. 4: Water in western agriculture. Farm Mangt. 1(4):59-74. May/June 1952. 281.8 F2225
Conservation.

91400 FORD, M. C. Irrigation practices in hops. Hopper 9(4):3-4. July 1952. 70.8 H77

91401 FOX, SIR C. S. Water; a study of its properties, its constitution, its circulation on the earth, and its utilization by man. London,Tech. Press,1951. 148 p. 292 F832W

91402 FRASER, C. A. A comparison of sprinkler and surface irrigation costs in Alberta, 1950. Econ. Annal. 22:89-92. Aug.1952. 281.8 Ec72

91403 FUJIKAWA, T. Research of the stability of dykes built on muddy tidal shore. Report 6: Distribution of vertical pressure beneath a loaded base. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:335-341. Nov.1951. 107.6 K995B
English summary.

91404 GARTON, J. E. A graphic method of finding the depth of irrigation water applied. Okla. Agr. Expt. Sta. B. B-368,4 p. Apr.1951. 100 Ok4

91405 GERASIMOV, I. P., and SHUVALOV, S. A. Some unsolved scientific problems connected with the problem of desert land reclamation in the area of the Principal Turkmenian Canal. (In Russian.) Pochvovedenie 6:489-506. Ref. June 1952. 57.8 P34

91406 GHISLENI, P. L. Do we really understand land reclamation in Piedmont? (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:267-271. July 1952. 16 C72

91407 GREEN, R. L. A photographic technique for measuring the sizes and velocities of water drops from irrigation sprinklers. Agr. Engin. 33:563-564,566,568. Sept.1952. 58.8 Ag83

91408 GUALCO, L. Irrigation canals and losses through infiltration. (In Italian.) Terra e Sole 120:279-280. Aug.1952. 16 T273
Italy.

91409 HALLGREN, G. Some problems concerning the technics, effect, and economy of modern irrigation in Sweden. (In Swedish.) Lantbrakad. Tidskr. 91:89-100. Ref. 1952. 104 Sw3
English summary.

91410 HARDING, S. T. Water law in the United States with particular reference to the Western States. Civ. Engin. 22:696-701,826-827. Sept.1952. 290.8 C49

91411 HARRISON, R. W. Flood control in the Mississippi alluvial valley. Stoneville,Miss.,Delta Council, 1951? 32 p. 290 H242

91412 HILL-LEWIS, C. The irrigation of sugar cane in Natal and Zululand. Internatl. Soc. Sugar Cane Technol. Proc. 7:311-320. 1950,pub.1951. 65.9 In84

91413 HOSAKA, E. Y., and CARLSON, N. K. Irrigated pastures for Hawaii. Hawaii. U. Agr. Ext. B. 56, 31 p. Ref. July 1952. 275.29 H312E

91414 HUTCHINSON, K. T. Developing our total resources. Washington,U. S. D. A.,Off. Sec.,1952. 10 p. 1.91 A2H97
Talk to Missouri Basin Inter-Agency Committee, Denver, Aug. 20, 1952.
Chiefly water resources and flood control.

91415 IWERSEN. Grossaufgabe: gesundung von geest und marsch. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.33-35. Kiel,1951. 33.27 Sch34

91416 JAHN, G. Aktuelle T A N-probleme. Wald 2: 47-51. Feb.1952. 99.8 W143
Drainage ditches and vegetation in the Russian Zone of Germany.

91417 JULÉN, G. The influence of some different environmental factors on the effect of irrigation. (In Swedish.) Landtbrakad. Tidskr. 91:101-106. 1952. 104 Sw3
English summary.

91418 KELLY, G. W. Better gardens with less water. Green Thumb [Denver] 9(8):23. Aug.1952. 80 G82

91419 KHAN, M. H. Water supply for orchards. Punjab Fruit J. 15(52):18. Oct.1951/Jan.1952. 80 P962

91420 KHARSIEV, F. A collective farm is ready for the reception of water. (In Russian.) Kolkhoz. Proizvodstvo 12(5):28-29. May 1952. 281.8 K83
Irrigation on Molotov Farm in Aksaĭskiĭ District, Rostov Region.

91421 KOSTYAKOV, A. The development of irrigation in the USSR. Karachi Com. 4(72):13-14. June 21, 1952. 280.8 K14

91422 KRATYNSKIĬ, V., OSADCHIĬ, I., and LEBEDEV, V. Mechanization of work connected with the transition to the new system of irrigation. (In Russian.) Mashinno-Traktornaîa Sta. 12(4):9-14. Apr.1952. 58.8 M11

91423 KUMLIEN, W. F. 50 years of irrigation on the Belle Fourche project. S. Dak. Farm & Home Res. [S. Dak. Sta.] 3:101-104. Summer 1952. 100 So82S

91424 LIPATOV, K. G. Conference at the All-Union Lenin Academy of Agricultural Sciences on Problems of Irrigated Lands Utilization. (In Russian.) Sovet. Agron. 10(6):88-89. June 1952. 20 So84

91425 LUQUE LOBOS, J. A. Antes de planificar el riego hay que conocer la clase de cultivo. Mundo Agr. 4 (38):80-81. July 1952. 9 M92
Argentina.

91426 MCCLELLAN, L. N. Progress in irrigation engineering. Civ. Engin. 22:691-695. Sept.1952. 290.8 C49

91427 MASSINO, V. B. Green and succulent forage with irrigation. (In Russian.) Kormovaîa Baza 3(2):14-19. Feb.1952. 60.8 K84

91428 MATALLANA VENTURA, S. El agua en el campo. Spain. Serv. de Capacitación y Prop. P. Manuales Téc. 13,229 p. 1951. 15 Sp14

91429 MESSINES, J. Work on stabilizing the landslide at Serrières-en-Chautagne (Savoie). United Nations Sci. Conf. Conserv. & Util. Resources. Proc. 5:162-168. 1949,pub.1951. 279.9 Un32P
Drainage.

91430 MILLER, M. F. Water and its conservation. Mo. Agr. Expt. Sta. B. 577,40 p. June 1952. 100 M693

91431 MOORE, P. Avocado irrigation. Calif. Avocado Soc. Ybk. 1951:91-96. 81 C128

91432 MYERS, E. A. A field plot irrigator. Pa. Agr. Expt. Sta. Prog. Rpt. 83,4 p. Aug.1952. 100 P381P

91433 NETTLES, V. F., JAMISON, F. S., and JANES, B. E. Irrigation and other cultural studies with cabbage, sweet corn, snap beans, onions, tomatoes and cucumbers. Fla. Agr. Expt. Sta. B. 495,26 p. Ref. June 1952. 100 F66S

91434 ONTARIO. AGRICULTURAL COLLEGE. DEPT. OF AGRICULTURE. AGRICULTURAL ENGINEERING. Farm drainage. Ontario Dept. Agr. C.4, rev. 6 p.-folder. June 1952. 7 On8Ci

91435 ORLOVA, T. G. Method of flooding in planting grapes. (In Russian.) Sad i Ogorod 2:42-43. Feb.1952. 80 Sa13

91436 PLANNING a permanent irrigation system? Farm Mangt. 1(1):77-78. Nov./Dec.1951. 281.8 F2225

91437 RENOUF, L. R. Irrigation of horticultural crops. II. New Zeal. J. Agr. 85(1):23,25,27-29,31-32. July 15,1952. 23 N48J
Sprinkler irrigation.

91438 SAVAGE, Z. Does grove irrigation pay? Yes and no. Citrus Indus. 33(9):4,13-15. Sept.1952. 80 C49

91439 SHEARER, M. Measuring flow in small streams. Oreg. State Col. Ext. C. 550,6 p.-folder. Aug.1952. 275.29 Or32C
Irrigation water.

91440 SHLOMI, A. Yields of hybrid maize after 4 irrigations in 1951. (In Hebrew.) Hassadeh 32:363-366. May 1952. 26 H27

91441 SINGH, B. R. Irrigation co-operative societies in Saharanpur district. United Prov. Co-op. J. 27:381-387. Apr.1952. 280.28 Un3

91442 SOKOLOV, B. Reclamation of desert and semi-desert pastures for public sheep raising. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(6):52-56. June 1952. 281.8 So73
Water supply and irrigation chiefly.

91443 SPECIAL report on irrigation equipment availability for 1952. Farm Mangt. 1(3):77-79. Mar./Apr.1952. 281.8 F2225

91444 TAKATA, Y. Hydraulic researches of irrigation water in rice-fields, in Japan. II. On the form of rice-fields and the transition of pressure gradient in soil during the irrigation period. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:323-327. Nov.1951. 107.6 K995B
English summary.

91445 U. S. GEOLOGICAL SURVEY. Flood of August 1950 in the Waimea area Kauai, Hawaii. U. S. Geol. Survey. Water-Supply Paper 1137-C:327-349. 1952. 407 G29W

91446 U. S. GEOLOGICAL SURVEY. Floods of July 18, 1942 in north-central Pennsylvania. U. S. Geol. Survey. Water-Supply Paper 1134-B:59-158. Ref. 1952. 407 G29W

91447 U. S. GEOLOGICAL SURVEY. Floods of 1950 in the Red River of the North and Winnipeg River Basins. U. S. Geol. Survey. Water-Supply Paper 1137-B, 325 p. 1952. 407 G29W

91448 U. S. GEOLOGICAL SURVEY. Kansas-Missouri floods of July 1951. U. S. Geol. Survey. Water-Supply Paper 1139,239 p. 1952. 407 G29W

91449 U. S. GEOLOGICAL SURVEY. Surface water supply of Hawaii, 1948-1949. U. S. Geol. Survey. Water Supply Paper 1155,130 p. 1952. 407 G29W

91450 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1949. 1. North Atlantic Slope Basins. U. S. Geol. Survey. Water-Supply Paper 1141,745 p. 1952. 407 G29W

91451 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1949. 12. Pacific Slope Basins in Washington and Upper Columbia River Basin. U. S. Geol. Survey. Water Supply Paper 1152,377 p. 1952. 407 G29W

91452 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1949. 13. Snake River Basin. U. S. Geol. Survey. Water-Supply Paper 1153,264 p. 1952. 407 G29W

91453 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States, 1950. 5. Hudson Bay and Upper Mississippi River Basin. U. S. Geol. Survey. Water-Supply Paper 1175,533 p. 1952. 407 G29W

91454 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States 1950. 7. Lower Mississippi River Basin. U. S. Geol. Survey. Water-Supply Paper 1177,463 p. 1952. 407 G29W

91455 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States 1950. 8. Western Gulf of Mexico Basins. U. S. Geol. Survey. Water-Supply Paper 1178,395 p. 1952. 407 G29W

91456 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States 1950. 9. Colorado River Basin. U. S. Geol. Survey. Water-Supply Paper 1179,441 p. 1952. 407 G29W

91457 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States 1950. 10. The Great Basin. U. S. Geol. Survey. Water-Supply Paper 1180,234 p. 1952. 407 G29W

91458 U. S. GEOLOGICAL SURVEY. Surface water supply of the United States 1950. 11. Pacific slope basins in California. U. S. Geol. Survey. Water-Supply Paper 1181,455 p. 407 G29W

91459 U. S. GEOLOGICAL SURVEY. Water levels and artesian pressure in observation wells in the United States in 1949. 1. Northeastern States. U. S. Geol. Survey. Water-Supply Paper 1156,427 p. 1952. 407 G29W

91460 U. S. GEOLOGICAL SURVEY. Water levels and artesian pressure in observation wells in the United States in 1950. 4. South-Central States. U. S. Geol. Survey. Water-Supply Paper 1168,165 p. 1952. 407 G29W

91461 VADE, S. L'irrigation souterraine, arrosage automatique. Vie à la Campagne 41:290-292. Aug.1952. 80 V67

91462 VAN HORN, A. G., and LUSH, R. H. Water on pasture boosts milk output. Tenn. Agr. Expt. Sta. Prog. Rpt. 2:6,10. Apr./June 1952. 100 T25F

91463 VIGUIER, P. La mise en valeur du Delta Central du Niger. Etudes d'Outre-Mer 35:25-27. Jan./Feb.1952. 286.8 M35
Irrigation.

91464 WEINNOLDT. Leistung und aufgabe der wasserwirtschaft. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.32-33. Kiel,1951. 33.27 Sch34
Flood control and water supply.

91465 WELCH, E. G. Tobacco irrigation in Kentucky. Ky. Farmer 88(9):4,34. Sept.1952. 6 F2237

91466 WHARTON, M. F., JR. Salt accumulation. Crop Comments 5(10):1. Aug.1952. 57.8 C88
Irrigation in Arizona.

91467 WIERSMA, J. L. ABC's of sprinkler irrigation. S. Dak. Agr. Expt. Sta. C. 95,31 p. May 1952. 100 So82

91468 WILKINSON, G. Fort Sumner's concrete laterals. Reclam. Era 38(9):208-209,212. Sept.1952. 156.84 R24
Irrigation system.

91469 YOSHIDA, Y., and YAHIRO, T. Studies on the effects of temperature of irrigating water upon the growth and yields of rice plant. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:54-56. June 1952. 340.9 So1
English summary.

91470 ZAGORODNEV, S. F. On irrigation in the new districts. (In Russian.) Sovet. Agron. 10(6):20-26. June 1952. 20 So84

Erosion and Erosion Control

91471 BARBUT, M. Importancia del olivo en la conservación de los suelos en Argelia. B. de Oleicult. Internac. 2(8):3-7. May/June 1952. 307.8 B63
English summary, p. 103.

91472 BARNES, O. K. Pitting and other treatments on native range. Wyo. Agr. Expt. Sta. B. 318,23 p. July 1952. 100 W99
Soil erosion control.

91473 CORMACK, R. M. M. General impressions of conservation practices and policy in the U.S.A. (Sum.) Good Husb. 2(10):8-9. June 1952. 24 G59

91474 CORREA, A. A. M. Losses to the farmer through erosion. (In Portuguese.) Lav. e Criacão 13(4): 15-16. Apr.1952. 49 L392
Brazil.

91475 CORREA, A. A. M. Soil conservation. (In Portuguese.) Lav. Arroz. 6(64):39-40. (Cont.) Apr.1952. 59.8 L39

91476 CRAM, J. S. The Save-the-Soil story. Family Herald & Wk. Star 83(35):3,11. Aug.28,1952. 7 F21
Organization of the movement in Canada.

91477 FLETCHER, J. E., and HARRIS, K. Soil piping, it's a form of subsoil erosion. Prog. Agr. Ariz. 4 (2):7. July/Sept.1952. 6 P9452
Causes and prevention.

91478 FRANCÉ-HARRAR, A. Neues vom kampf gegen die bodenverwüstung. (Abs.) Schweiz. Z. f. Forstw. 103:161-162. Apr./May 1952. 99.8 J82

91479 GOWDER, M. T. Terracing for water control. Tenn. Agr. Col. Ext. P. 339,32 p. July 1952. 275.29 T25

91480 HANDA, B. N., and BAWA, M. S. The problem of soil erosion. Indian Farming 12:28-30. Jan./Feb.1951 22 In283

91481 HARRINGTON, B. W. Controlling upland runoff. Reclam. Era 38(9):222-223. Sept.1952. 156.84 R24
Bostwick Irrigation District of Nebraska.

91482 HELLINGA, G. Forestry and food production. (In Dutch.) Bergcultures 21:271-274. July 16,1952. 22.5 B45
Chiefly on erosion.

91483 IAKUBOV, T. F. Bolkhun sands and experiment in their afforestation. (In Russian.) Lesn. Khoz. 4 (12):14-18. Dec.1951. 99.8 L5622

91484 KOCHERGA, F. K. Terracing of mountain slopes. (In Russian.) Lesn. Khoz. 4(12):49-54. Dec.1951 99.8 L5622

91485 LOWDERMILK, W. C. Conquest of the land through seven thousand years. Rur. Educ. B. 7:89-92. (Cont.) July 1952. 109 C162
Soil erosion in China.

91486 MICHIGAN SOIL CONSERVATION COMMITTEE. Biennial report, 1949-1950. East Lansing,1951? 23 p. 56.9 M582

91487 MORINO, K. Report on the structure of the terraced-fields in the southern provices of Ehime Prefecture. Kyushu U. Facul. Agr. Sci. B. 13:342-346. Nov.1951. 107.6 K995B

91488 NIKITIN, S. A. Utilization, afforestation and stabilization of sands in European SSSR. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Nauch. Voprosy Polezashch. Lesorazved. 1:296-308. Ref. 1951. 99.9 Ak1N

91489 OREGON. STATE COLLEGE. Soil and water resources; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 20,30 p. Aug.1952. 100 Or3O
Chiefly conservation.

91490 RAT'KOVSKII, S. P. Construction of terraces for non-irrigated fruit culture in mountain areas. (In Russian.) Sad i Ogorod 5:21-23. May 1952. 80 Sa13
Erosion control.

91491 READ, J. The rape of the earth. Good Husb. 2(11):17,22. July 1952. 24 G59

91492 ROTTER, G. E. Conservation education in our schools. Soil Conserv. 18:3-7. Aug.1952. 1.6 So3S

91493 SALTER, R. M. Conservation and improvement of soil and water resources with grass. Washington, U. S. Soil Conserv. Serv.1952. 10 p. 1.965 A2Sa3
Paper presented at plenary session, Sixth International Grassland Congress, State College, Pa., Aug. 19, 1952.

91494 SALTER, R. M. Doing the conservation job together. Washington,U. S. Soil Conserv. Serv.,1952. 17 p. 1.965 A2Sa3
Talk at a joint meeting of U. S. Department of Agriculture agencies, Manhattan, June 6, 1952.

91495 SCHULTZE, J. H. Uber das verhältnis zwischen denudation und bodenerosion. Erde 3/4:220-232. 1951/52. 474 Er1

91496 SMITH, D. D. A 20-year appraisal of engineering practices in soil and water conservation. Agr. Engin. 33:553-556. Sept.1952. 58.8 Ag83

91497 UNION OF SOUTH AFRICA. SOIL CONSERVATION BOARD. Fifth annual report covering the period 1st July,1950, to 30th June,1951. Pretoria,1952. 12 p. 56.9 So83

91498 U. S. SOIL CONSERVATION SERV. An outline for teaching conservation in high schools. U. S. D. A. PA-201,21 p. 1952. 1 Ag84Pro

91499 U. S. SOIL CONSERVATION SERV. Tables for 1952 agricultural statistics. Washington,1952? 17 p. 1.96 Ad6Ta
Relating to soil conservation practices.

91500 VARONA, J. Erosión y conservación del suelo. II. Ceres [Valladolid] 17(194):29,31. Aug.1,1952. 15 C33

Sanitation

91501 ALDRICH, D. G., and MARTIN, J. P. Soil fumigation effects. Citrus Leaves 32(9):22-23,28. Sept.1952. 80 C492

91502 ANDERSON, P. J. Increasing yield by soil fumigation. Cigar Val. News 2(4):5. Apr.1952. 286.89 C482

91503 BEAKA, K. H. Un procédé simple et peu couteux pour la sterilisation de la terre et du terreau dans les semis de tabac. (In Serbo-Croatian.) Tutun 2:62-65. Feb.1952. 69.8 T88

91504 GARRISS, H. R. Soil fumigation gave $212 per acre profit. Prog. Farmer, Carolinas-Va. Ed. 67(9):18. Sept.1952. 6 P945
Fumigation to control nematodes.

91505 SHADSKIĬ, S. Control of root pests in [forest] nurseries and forest enterprises in Altai Territory. (In Russian.) Lesn. Khoz. 4(12):79-81. Dec.1951. 99.8 L5622
Soil sterilization chiefly.

MATERIALS FOR SOIL IMPROVEMENT

91506 FUSSELL, G. E. Barns filled with plenty, Pilkinton's "Chymical" translation, 1818. Fert. Feed Stuffs & Farm Supplies J. 38:571-573. Sept.3,1952. 57.8 F413

91507 GARNER, H. V. Manures and fertilizers. Gt. Brit. Min. Agr. & Fisheries. B. 36,98 p. 1952. 10 G794B

Primary Materials

91508 CASSIDY, N. G. The fertilizer value of Lau (Ogeadriki) phosphate. Fiji. Dept. Agr. Agr. J. 23(1):24-25. Mar.1952. 25 F47Ag

91509 VINE, R. Superphosphate without sulphur. New Zeal. Farmer 73(10):3-4. July 17,1952. 23 N484

Secondary and Minor Element Materials

91510 DHAWAN, C. L., and DHAND, A. D. The occurrence and significance of trace elements in relation to soil deterioration. II. Boron. Indian J. Agr. Sci. 20:479-485. Ref. Dec.1950,pub.1952. 22 Ag83I

91511 DIEDLER-HEINERSDORF, C. Spurenelemente auf erschöpften böden. Deut. Landwirt.-Gesell. Mitt. 67:554. Aug.2,1952. 18 N39

91512 DUNNE, T. C. The phosphate and trace element problem. Westral. Farmers' Co-op Gaz. 22(403, stud stock sup.):17,19,21-24. June 1952. 280.28 W522
In soils.

91513 HASLER, A. Von der bedeutung der spurenelemente für das leben der pflanzen. Lebenskunst 8:233-237. Aug.1952. 448.8 L49

91514 HENRARD, P. Les oligo-éléments en agriculture. Indus. Chim. 39:221-225. Aug.1952. 383 In2

91515 LUNDBLAD, K. Cobalt fertilizer experiments on peat soils in Norrland. (In Swedish.) Växt-Närings-Nytt 8(5):43-48. 1952. 57.8 V47

91516 SCHULTZE, W. Warum spurenelemente? Württemb. Wchnbl. f. Landwirt. 119:719-720. Aug.9, 1952. 18 W96

91517 TEDIN, O., and GELIN, O. E. V. Manganese and variety tests in oats and potatoes. (In Swedish.) Lantbrakad. Tidskr. 91:158-178. 1952. 104 Sw3
English summary.

Mixed Fertilizers and Fertilizer Technology

91518 BERKHOUT, H. W., and GOOSSENS, N. Determination of calcium and magnesium in lime and magnesium fertilizers. (In Dutch.) Chem. Weekbl. 48:580-582. Aug.9,1952. 385 C42

91519 CALIFORNIA. DEPT. OF AGRICULTURE. Fertilizing materials. Calif. Dept. Agr. Spec. P. 244, 182 p. 1951. 2 C121S

91520 PRAT, J. DE. Los abonos químicos granulados. Cult. Mod. 35:252. July 1952. 15 C89

91521 SAUCHELLI, V., and TAYLOR, R. P. Some answers to fertilizer mixing problems. Farm Chem. 115(9):15-17. Sept.1952. 57.8 Am3

91522 YATES, L. D., and WILLIAMS, W. B. For manufacture of normal super, TVA has funnel-type continuous mixer. Farm Chem. 115(9):29-30,32,69. Sept.1952. 57.8 Am3

Fertilizer Statistics

91523 CLAPP, G. R. The purpose of TVA fertilizer. Natl. Fert. Rev. 27(3):6-7,10-11. July/Sept.1952. 57.8 F414

91524 LONG-term outlook indicates increasing demand for more fertilizer. Agr. Chem. 7(9):40-44,141, 143. Sept.1952. 381 Ag8

91525 RAGONDET, G. L. Etude sur l'évolution de la consommation des engrais chimiques, pendant la première moitié du XX^{me} siécle, en Europe occidentale. Ann. de Gembloux 58:100-113. Second Q.1952. 13 G28

91526 RITTER, H. Cooperation lowers the cost of fertilizers. East. States Coop. 28(9):10-11. Sept.1952. 280.28 Ea7

91527 SANDS, V. E. Fertilizantes de huesos: su industrialización en el Uruguay. Hacienda 47(9):52,93. Sept.1952. 6 H11

91528 SPECIAL report on fertilizer availability. Farm Mangt. 1(1):46-47. Nov./Dec.1951. 281.8 F2225

91529 U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. Survey of the superphosphate and wet-process phosphoric acid industries in the United States in 1950 and 1951, by J. R. Adams, T. H. Tremearne, K. D. Jacob, and L. G. Porter. Washington?1951? 44 p. 1.965 F8Su7

91530 VITTUM, M. T. Fertilizers used in 1951 by New York tomato growers. Better Crops Plant Food 36(7):6-8,41-42. Aug./Sept.1952. 6 B46

Mineral Soil Amendments

91531 CASSIDY, N. G. A reconnaisance survey of liming materials on Viti Levu. Fiji. Dept. Agr. Agr. J. 23(1):27. Mar.1952. 25 F47Ag

91532 SCOTT, L. C. Stockpiling and bulk handling of lime. New Zeal. J. Agr. 85(1):4-6. July 15,1952. 23 N48J

Manures and Composts

91533 ACHARYA, C. N. Compost development work in India. Indian Farming 12:26-27. Jan./Feb.1951.

91534 ACHARYA, C. N. Compost manure. Indian Farming (n.s.)2(4):23-24. July 1952. 22 In282

91535 BEKAREVICH, N. E., MOLDOVANOV, A. I., and KRECHUN, N. B. On fields for irrigation [with sewage] of the City of Dnepropetrovsk. (In Russian.) Dnepropetrovsk. Sel'skokhoz. Inst. Trudy 4:43-54. 1951. 106 D643

91536 CZAPSKI, F. Compost. (In Portuguese.) Lav. e Criação 13(5):15-16. May 1952. 49 L392

91537 DAMASCENO, O. Garbage and organic manuring. (In Portuguese.) Colheit. e Mercados 8(3/4):9-11. Mar./Apr.1952. 255.3 Sa652

91538 ENSMINGER, M. E. Barnyard manure keeps soil productive. Shorthorn World 37(10):74-75,331-339. Aug.10,1952. 43.8 Sh8

91539 FERAUD, M. M. Sur l'utilisation des ordures menagères comme engrais. Prog. Agr. et Vitic. 138:125-127. Aug.24/31,1952. 14 P94

91540 KHAN, A. Manure and its source from oil-cakes. Sci. Club. J. 5(4):14-21. Ref. Mar./May 1952. 475 Sci29

91541 LEHMANN, E. Doppelte ausnutzung des stalldüngers durch champignonzucht. Deut. Landwirt. 3: 369-373. July 1952. 18 D4822

91542 MARENKIN, F. S. On year round utilization of sewage for irrigation of agricultural crops. (In Russian.) Sovet. Agron. 10(6):56-59. June 1952. 20 So84
Vegetables chiefly.

91543 MELLO, E. M. DE. Castorbean meal cakes and cottonseed meal cakes should be part of the compost. (In Portuguese.) Lav. e Criacão 13(4):35-37. Apr.1952. 49 L392

91544 POATE, H. R. G. Tan bark; its composition and acidity. Austral. Orchid Rev. 17:51-52. June 1952. 80 Au73

91545 RASKIN, L. M. Greater attention to local fertilizers. (In Russian.) Sad i Ogorod 2:65-66. Feb. 1952. 80 Sa13
Manures and composts chiefly.

91546 SALGADO, M. L. M. Preliminary studies on the chemistry of cattle manuring on coconut estates. Trop. Agr. 109:218-224. Oct./Dec.1951. 26 T751

91547 SCHILLER, H. Die komposterzeugung mit dem neuseeländerkasten. Obst u. Gartbau. 7:89-90,103-104. (Concl.) June-July 1952. 80 Ob75

FORESTRY

GENERAL

91548 BRAVO M., R. Aspectos de la explotacion maderera y de la reforestacion en Chile. Rev. Forest. Chilena 1:173-175. Nov.1951. 99.8 R3292

91549 CIANCIULLI, P. L. What's happening in the world of forestry. (In Portuguese.) Colheit. e Mercados 8(3/4):12-16. (Cont.) Mar./Apr.1952. 255.3 Sa652
Forest problems in various countries.

91550 COTTA, A. Wood Research Center: On the supply of raw material for wood using industries? (In Italian.) Indus. del Legno 4(6):28-31. June 1952. 99.82 In2

91551 DEUTSCHE GESELLSCHAFT FUR HOLZ-FORSCHUNG. Forschungsarbeiten der DGfh 1951 neu aufgenommen. Deut. Gesell. f. Holzforsch. DGfH-Nachr. 3(1),20 p. June 15,1952. 99.82 D11

91552 EDLIN, H. L. A forester's glossary. 2. Wood [London] 17:310. Aug.1952. 99.82 W855

91553 FEEST, F. Die aufgabe der holzforschung bei der lösung holzwirtschaftlicher probleme. (Extr.) Internatl. Holzmarkt 43(12):52-55. June 21,1952. 99.81 In82

91554 FISCHER, V. O homem e a floresta considerações filosóficas e práticas [Man and the forest, thoughts philosophical and practical]. São Paulo. Serv. Florestal. Ed. e Propag. 3,13 p. Mar.26,1951. 99.9 Sa6E

91555 FLATSCHER, H., and HEMPEL, F., eds. Frommes Forstkalender 1952, 80. jahrgang. Wien,1952. 335 p. 99.8 T18

91556 GIORDANO, G. La arboricultura en Italia: fuente de materia prima para las industrias. Montes 8: 85-89. Mar./Apr.1952. 99.8 M763

91557 GLESINGER, E. Desarrollo forestal en relacion con la economia de un pais. Rev. Forest. Chilena 1: 214-217. Dec.1951. 99.8 R3292

91558 GOSCH, M. Unser wald auf der kärntner messe 1952. Kärntner Bauer 102:439-441. Aug.1,1952. 19 K14
Forestry situation.

91559 GRANDJEAN, E., EGLI, R., and STEINLIN, H. Untersuchungen über den physiologischen wirkungsgrad verschiedener sägetypen. Agrarpolit. Rev. 8:406-412. June/July 1952. 281.8 Ag824

91560 HUNZIKER, T. Rapport sur une excursion de sylviculture dans les forêts riveraines près de Mulhouse. Schweiz. Z. f. Forstw. 103:228-232. June/July 1952. 99.8 J82

91561 JACOBSEN, J. F. Forestry in British Columbia. I. (In Norwegian.) Tidsskr. f. Skogbruk 60:110-114. Apr./May 1952. 99.8 T432

91562 JAHN, G. Zur frage der holzeinschlagsnormen. Wald 2:78-79. Mar.1952. 99.8 W143
Russian Zone of Germany.

91563 KOLLMANN, F. Holztagung 1952 in Salzburg. Holz-Zentbl. 78:1225-1228. July 19,1952. 99.81 H742

91564 KÜNANZ, H. Möglichkeiten und grenzen der forsteinrichtung in ansehung der freiheit des menschen. Allg. Forst- u. Jagdztg. 123:191-206. July 1952. 99.8 AL13

91565 LAMP, I. Die einführung von modernen werkzeugen bei der waldarbeit. (Extr.) Internatl. Holzmarkt 43(12):64. June 21,1952. 99.81 In82

91566 LE DIVELEC, J. P. Farewell, old forest! (In Italian.) Monti e Boschi 3:301-305. July 1952. 16 M76
The forest in poetry.

91567 MANTEL, K. Forstgeschichtliches aus dem mittel- und nordwestdeutschen buchengebiet. Göttingen. U. Forstl. Fakul. Schrreihe. 2:24-27. 1951. 99.9 G71

91568 MOERATH, E. Die internationale wissenschaftliche zusammenarbeit auf dem gebiete der forstwirtschaft und der forstprodukte. (Extr.) Internatl. Holzmarkt 43(12):55-56. June 21,1952. 99.81 In82

91569 NORDISK SKOGSUNION. Nordisk skogsbrukslitteratur [Scandinavian forestry literature] 1950. Helsinki,1951. 95 p. 241.01 N75

91570 OSTWALD, H. Über die aufgaben der deutschen forstwirtschaft. Allg. Forst- u. Jagdztg. 123:181-185, July 1952. 99.8 AL13

91571 RÄDECKE, G. Leistungslohn nach mittelbaumInhalt. Wald 2:77-78. Mar.1952. 99.8 W143
Russian Zone of Germany.

91572 REINDERS, E. Report on the excursion of the Netherlands Forestry Association to the national forest districts "Garderen" and the Speulder and Sprielderforest on May 9 and 10, 1952. (In Dutch.) Nederland. Boschbouw-Tijdschr. 24:199-202. July/Aug.1952. 99.8 N28

91573 SALOMON. Vorschläge für unfallverhütungsmassnahmen in der forstwirtschaft. Wald 2:178-180. June 1952. 99.8 W143

91574 SOVESHCHANIE PO LESNOI TIPOLOGII, MOSCOW, 1950. Trudy [Proceedings of the Conference on forest type classification]. Moskva, Akademiia Nauk SSSR,1951. 143 p. 99.9 So824

91575 SVENSKA SKOGSVÅRDSFÖRENINGEN. Annual report for the year 1951. (In Swedish.) Skogen [Stockholm] 39:180-182. Aug.1,1952. 99.8 Sk51

91576 SWAIN, E. H. F. Forestry possibilities in Ethiopia. Unasylva 6:15-20. Mar.1952. 99.8 Un1

91577 TENNÅS, M. Forestry and labor. (In Norwegian.) Tidsskr. f. Skogbruk 60:92-99. Apr./May 1952. 99.8 T432

91578 U. S. FOREST SERV. CENTRAL STATES FOREST EXPERIMENT STATION. Publications of the Central States Forest Experiment Station. U. S. Forest Serv. Cent. States Expt. Sta. Misc. Release 6(sup.),7 p. May 1952. 1.9622 C3P96

91579 U. S. FOREST SERV. FOREST PRODUCTS LABORATORY. List of publications January 1 to June 30, 1952. 1 F7692L

91580 WESSELS, F. W. Introduction to a visit to the forestry districts "Garderen" and the Speulder and Sprielderforest. (In Dutch.) Nederland. Boschbouw-Tijdschr. 24:195-199. July/Aug.1952. 99.8 N28

91581 WILCKENS, H. A. Das deutsche forstvereinswesen von morgen. Holz-Zentbl. 78:1340-1341. Aug.9, 1952. 99.81 H742

91582 ŻABKO-POTOPOWICZ, A. La question de la rente différentielle dans l'économie forestière. (In Polish.) Sylwan 96:129-137. Ref. Apr./June 1952. 99.8 Sy52
French summary.

Education

91583 BAUMANN, H. Die fachausbildung in der holzwirtschaft. Holzwirt. Jahrb. 1952:202-211. 99.83 H742

91584 BERGER. Der forstliche fachunterricht an den berufsschulen. Wald 2:135-137. May 1952. 99.8 W143
Russian Zone of Germany.

91585 BUCHHOLZ, O. Wir bilden klubs junger agronomen in der forstwirtschaft. Wald 2:61-62. Feb. 1952. 99.8 W143
Russian Zone of Germany.

91586 DAHM, H. Ein beitrag zum thema "neue formen der ausbildung der waldarbeiterlehrlinge." Wald 2:180-182. June 1952. 99.8 W143
Russian Zone of Germany.

91587 DAHNE, J. Berufsausbildung in der forstwirtschaft. Wald 2:243-244. Aug.1952. 99.8 W143

91588 PETSCH. Neue formen der ausbildung der waldfacharbeiterlehrlinge. Wald 2:43-44. Feb.1952. 99.8 W143
Russian Zone of Germany.

91589 SCHMID, E. Uber die soziale struktur der studentenschaft. Wald 2:92-93. Mar.1952. 99.8 W143
Russian Zone of Germany.

91590 SMITS, C. The education of forestry personnel in New Zealand. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:198-200. July/Aug.1952. 12 N282

Policies, Programs, Administration

91591 ASSUNÇÃO, R. Sugestões acerca da polícia florestal do estado de São Paulo [Suggestions for the forest policy of Sao Paulo]. São Paulo. Serv. Florestal. Ed. e Propag. 5,12 p. Mar.29,1951. 99.9 Sa6E

91592 BATHEN, R. Reforestation plans for Hordaland. (In Norwegian.) Tidsskr. f. Skogbruk 60:87-91. Apr./May 1952. 99.8 T432

91593 BEMIS, D. K. The road back. Forests & People 2(3):46-47. July 1952. 99.8 F7628
Tree farm program.

91594 BERCY, D. Reboisement et Fonds Forestier National. Bois et Scieries 58:783. July 17,1952. 99.81 B632

91595 BRITISH HONDURAS. FOREST DEPT. Report for the year ended 31st December 1949. n.p.,1952. 22 p. 99.9 B776

91596 BROWNE, W. M. Conservation program of Camp Manufacturing Company. Unit 43:38-42. July 1952. 99.9 Un34

91597 CANADA. DEPT. OF RESOURCES AND DEVELOPMENT. FOREST PRODUCTS RESOURCES DIV. Program of work June 1952-May 1953. Ottawa,1952. 73 p. 99.9 P94

91598 CLARIDGE, F. H. North Carolina State conservation program. Unit 43:35-38. July 1952. 99.9 Un34

91599 DVORNIKOV, P. P. Greater attention to the work of forest nurseries. (In Russian.) Lesn. Khoz. 4 (11):5-12. Nov.1951. 99.8 L5622

91600 HOLAND, P. Forest and agricultural policies. (In Norwegian.) Skogen [Stockholm] 39:79. Aug.15,1952. 99.8 Sk51

91601 JAMAICA. FOREST DEPT. Annual report for the year ended 31st March, 1951. Kingston,1951. 11 p. 99.9 J22

91602 JONES, G. Cooperation can rebuild the South's woodlands. Unit 43:26-29. July 1952. 99.9 Un34

91603 KHROMENOK, A. We shall fulfill the Fifteen Year Plan for planting forests in the district of the Southern-Ukrainian Canal in six years. (In Russian.) Lesn. Khoz. 4(12):32-33. Dec.1951. 99.8 L5622
Zaporozhe Forest Conservation Station.

91604 KIERULF, T. The reforestation work bears fruit. (In Norwegian.) Tidsskr. f. Skogbruk 60:85-87. Apr./May 1952. 99.8 T432

91605 KOBATA, S. On the cultural forestry and the promotion project of mountain district. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:254-256. Nov.1951. 107.6 K995B
English summary.

91606 KOONTZ, B. Pulpwood dealer's part in an industry planting program. Unit 43:6-8. July 1952. 99.9 Un34

91607 LAVRINENKO, D. D., and KOVALEVSKII, A. K. Participation of the Institute of Forestry of the Ukrainian Academy of Sciences in developing forest plantations in the irrigation area in the South of Ukraine. (In Russian.) Lesn. Khoz. 4(12):25-26. Dec.1951. 99.8 L5622

91608 L'ESTRANGE, J. A. Man makes his greatest forest on Usutu. Veldtrust 13(6):22-23. June 1952. 56.8 V54

91609 LOVE, L. D., and DUNFORD, E. G. The Fraser Experimental Forest—its work and aims. U. S. Forest Serv. Rocky Mountain Forest & Range Expt. Sta. Paper 8,27 p. May 1952. 1.9622 R2St2

91610 LOVE, L. D., and JOHNSON, W. M. The Manitou Experimental Forest—its work and aims. U. S. Forest Serv. Rocky Mountain Forest & Range Expt. Sta. Paper 7,23 p. Apr.1952. 1.9622 R2St2

91611 LUXEM, K. P. Die wiederaufforstung Italiens eine europäische aufgabe. Deut. Baumsch. 4:181-183. July 1,1952. 80 D486

91612 MEHL, K. Die bedeutung der bildung der staatlichen forstwirtschaftsbetriebe für den privatwald. Wald 2:171-172. June 1952. 99.8 W143
Russian Zone of Germany.

91613 NELSON, A. L. Seven million trees. Conserv. Volunteer 15(88):39-40. July/Aug.1952. 279.8 C765
Reforestation in Minnesota.

91614 PAGE, R. A dealer's conservation program. Unit 43:42-44. July 1952. 99.9 Un34

91615 PEREIRA, J. A. A silvicultura paulista e certos produtos básicos; as realizações de ontem, modelo para os que preparam as reservas do amanhã [Silviculture in São Paulo and assured raw products; the accomplishments of yesterday a model for those who provide for the resources of tomorrow]. São Paulo. Serv. Florestal. Ed. e Propag. 1,13 p. Feb.22,1951. 99.9 Sa6E

91616 PICKEL, B. J. Fundar florestas mistas deve ser o objetivo do reflorestamento na silvicultura nacional [A mixed forest crop should be the objective of reforestation in national silviculture]. São Paulo. Serv. Florestal. Ed. e Propag. 10,19 p. May 31,1951. 99.9 Sa6E

91617 POURTET, J. Les conceptions actuelles du reboisement en France. Schweiz. Z. f. Forstw. 103:137-151. Apr./May 1952. 99.8 J82

91618 RECOMMENDATIONS of the ad hoc Committee appointed by the Government of India, on the immobilization of Rajputana Desert. Indian Forester 78:414-416. Aug.1952. 99.8 In2

91619 REIS, J. M. Forestry—reforestation. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1(2):53-55. Feb.1952. 9.2 M663

91620 RÖNNELID, K. Soil improvement and forest planting in Algeria. (In Swedish.) Skogen [Stockholm] 39:84. Aug.15,1952. 99.8 Sk51

91621 SAEZ SOBREVILLA, M. El libro del guarda forestal. Ed. 3. Valencia,Domenech,1951. 327 p. 99.66 Sa12

91622 SCHMIEDER. Mehr wald schaffen! In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.35-36. Kiel,1951. 33.27 Sch34

91623 SCHULT, W. Von der sporadischen zur systematischen anleitung und kontrolle der forstreviere. Wald 2:66-68. Mar.1952. 99.8 W143
Russian Zone of Germany.

91624 SERRANO VICENS, R. Arboles ejemplares y pequeñas matas. Montes 8:100-102. Mar./Apr.1952. 99.8 M763
Reforestation policy in Spain.

91625 SIEBER, G. Reibungslose organisation, ein wichtiger faktor für die holziensparung. Wald 2:46. Feb. 1952. 99.8 W143
Russian Zone of Germany.

91626 TERRANOVA, D. DE. Repoblaciones forestales en Tierra Santa. Montes 8:81-82. Mar./Apr.1952. 99.8 M763

91627 TIEDTKE, K. Uber die bedeutung der waldgemeinschaften. Wald 2:59-60. Feb.1952. 99.8 W143
Russian Zone of Germany.

91628 TOROPOGRITSKIĬ, D. P. To eliminate parallelism in the work of forestry enterprises and forest conservation stations. (In Russian.) Lesn. Khoz. 4(11):81-83. Nov.1951. 99.8 L5622

91629 TRIFONE, R. Le regime forestier avant et apres la loi de 1877. (In Italian.) Italia Forest. e Mont. 7:120-127. May/June 1952. 99.8 It12
French summary.

91630 U. S. FOREST SERV. CALIFORNIA FOREST AND RANGE EXPERIMENT STATION. Annual report, 1951. Washington?1952? 53 p. 1.9 F7626Ann

91631 U. S. FOREST SERV. CALIFORNIA FOREST AND RANGE EXPERIMENT STATION. The work of the California Forest and Range Experiment Station. Berkeley,1952. 12 p. 1.9622 C2W89

91632 U. S. FOREST SERV. TROPICAL FOREST EXPERIMENT STATION. Twelfth annual report. Caribbean Forester 13:1-21. Jan.1952. 1.9622 T2C23
Also in Spanish.

91633 VAISSIERE, J. DE. Les perspectives d'avenir du Fonds Forestier National. Soc. Forest. de Franche-Comté et des Prov. de l'Est. B. Trimes. 26:307-322. June 1952. 99.9 So14

91634 WAGENINGEN. BOSBOUWPROEFSTATION T. N. O. Verslag over het jaar 1951 [Report of the Forestry Research Station T. N. O. for the year 1951]. Bosbouwproefsta. T. N. O. Korte Meded. 12,23 p. 1952. 99.9 W122

91635 WUNSCHIK, A. Die aufforstung der kippen des braunkohlenbergbaues während des fünfjahrplanes. Wald 2:247-251. Aug.1952. 99.8 W143

Legislation and Taxation

91636 AUGIER, P. W. Private forests and private forest legislation. Indian Forester 78:400-408. Aug.1952. 99.8 In2

91637 CAMAITI, A. Les bassins de montagne. (In Italian.) Italia Forest. e Mont. 7:113-119. May/June 1952. 99.8 It12
French summary.
Chiefly forestry legislation.

91638 DEHNERT. Die popularisierung und durchführung der gesetze unserer regierung in Mecklenburg besser beachten! Wald 2:154-155. May 1952. 99.8 W143
Russian Zone of Germany.

91639 GARBARI, M. A law for the mountain. (In Italian.) Mondo Agr. 3(31):4. Aug.3,1952. 16 M74
Italy.

91640 GARBARI, M. A law for the mountain. (In Italian.) Mondo Agr. 3(32):4. Aug.10,1952. 16 M74

91641 GRANDCOURT, O. DE. Coupes abusives. Soc. Forest. de Franche-Comté et des Prov. de l'Est. B. Trimes. 26:301-307. June 1952. 99.9 So14
Mainly legislation.

91642 HEDEMANN-GADE, E. On the proposal for a special forest tax. (In Swedish.) Skogsägaren 28:23-26. Jan.1952. 99.8 Sk55

91643 KRÄMER, W. Die wichtigsten steuern nach dem stand vom August 1951. Holzwirt. Jahrb. 1952:220-228. 99.83 H742

91644 PATTERSON, A. E. A report on the licensing of foresters in Georgia. Soc. Amer. Foresters. Soeast. Sect. Forestry Newslet. 8:6-8. Apr.1952. 99.8 So83

91645 PUPPINI, G. The law on the mountain and its applicability to the Emilia-Romagnolo Appeninnes. (In Italian.) Mercanzia 7(7):13-23. July 1952. 287 B635

91646 SCHLATTER, A. J. Aktuelle fragen der eidg. forstgesetzgebung. Wald u. Holz 33:209-211. (Concl.) Aug.1952. 99.8 W14

Forest Description and Resources

91647 ADAM, J. G. Les possibilités de la région forestière de la Haute-Guinée Française. Bois et Forêts des Trop. 24:229-232. July/Aug.1952. 99.8 B632
English summary.

91648 ANSTRIN, H. Forest resources and raw material requirements of industry. (In Swedish.) Svensk Papperstidn. 55:518-520. Aug.15,1952. 302.8 Sv2

91649 ANZILOTTI, F. Demesne forests of the Magna Sila. (In Italian.) Monti e Boschi 3:31:317-325. July 1952. 16 M76
English summary.
Descriptive.

91650 BESLEY, L. The world's timber supply. Brit. Columbia Lumberman 36(8):49,132,134, (Cont.) Ref. Aug.1952. 99.81 B77

91651 BRØDSGAARD, C. G. Forests in Siam. (In Danish.) (Sum.) Dansk. Skovfor. Tidsskr. 37:366-374. July 1952. 99.8 D23
Includes discussion.

91652 CANADA. DEPT. OF RESOURCES AND DEVELOPMENT. FORESTRY BR. Canada's forests excluding Labrador. n.p.,1952. 8 p.-folder. 99.73 C16C

91653 DRANGEID, O. The hardwood forest. (In Norwegian.) Skogen [Oslo] 17:56-57. 1952. 99.8 Sk56

91654 DER FORSTREICHTUM der Rumänischen Volksrepublik. Wald 2:79. Mar.1952. 99.8 W143

91655 FRITSCHI, A. Von wirtschaftswäldern auf weisstannenstandorten. Schweiz. Z. f. Forstw. 103:287-293. Aug.1952. 99.8 J82

91656 GUTZWILLER, R. Quelques actualités forestières de la Suède. Soc. Bot. de France.B. 99:75-78. Jan./Mar.1952. 451 F84B

91657 HAMMAR, I. Morocco of the forests. (In Swedish.) Skogsägaren 28:20-22. Jan.1952. 99.8 Sk55

91658 HARTMANN, F. Grundsätzliches über standortskartierung nach forstökologischen standortstypen. Allg. Forstztg. 63:188-190. Aug.1952. 99.8 AL53

91659 HEPP D., R. Aysen y sus selvas. Rev. Forest. Chilena 1:71-72. Aug.1951. 99.8 R3292

91660 HERBIGNAT, A. Conceptions sur l'avenir de la forêt belge. Soc. Roy. Forest. de Belg. B. 59:305-320. July 1952. 99.9 B83

91661 HOPMANN, J. Gute und schlechte, genaue und ungenaue bestandesaufnahmen. Allg. Forstztg. 63:187-188. Aug.1952. 99.8 AL53

91662 HORKY, A. Die waldstandaufnahme und ihre durchführung in Österreich. Allg. Forstztg. 63:179-186. Aug.1952. 99.8 AL53

91663 HORN, A. G. Commodity drain from forests of the Lake States, 1950. U. S. Forest Serv. Lake States Forest Expt. Sta. Misc. Rpt. 18,24 p. Sept.1,1952. 1.9622 L2M68

91664 KLIETSCH, A. Künftiges westdeutsches holzangebot und seine vorausslichtlichen empfänger. Holzwirt. Jahrb. 1952:17-22. 99.83 H742

91665 LOETSCH, F. Gedanken zur waldstandsaufnahme in Österreich. Allg. Forstztg. 63:186-187. Aug. 1952. 99.8 AL53

91666 MARIANI, G. Increase and decrease in the forest area of Italy. (In Italian.) Italia Forest. e Mont. 7:151-154. May/June 1952. 99.8 It12

91667 PERCIVAL, W. N. Recursos forestales del mundo. Montes 8:107-111. (Concl.) Mar./Apr.1952. 99.8 M763

91668 ROISIN, P. A propos de deux chenaies d'origine artificielle. Soc. Roy. Forest. de Belg. B. 59:265-295. June 1952. 99.9 B83

91669 SCHANTZ-HANSEN, T. The University of Minnesota's forest demonstration area—Cloquet Experimental Forest. Conserv. Volunteer 15(88):35-36. July/Aug.1952. 279.8 C765

91670 SPAIN. MINISTERIO DE AGRICULTURA. SERV. DE ESTADISTICA. Estadistica forestal de España, año 1948-49. Madrid,1951. 127 p. 263 M76

91671 U. S. FOREST SERV. NORTHEASTERN FOREST EXPERIMENT STATION. Forest statistics for Vermont, by J. R. McGuire and R. D. Wray. Upper Darby Pa.,1952. 47 p. 1.9622 N2F768

91672 WAGEMANN WIEDENBRUG, G. El oriente boliviano, sus recursos forestales y agropecuarios. Rev. Forest. Chilena 2:269-277. Feb.1952. 99.8 R3292

91673 WRAY, R. D., and BANKS, W. G. Forest statistics for New York Forest District No. 7. U. S. Forest Serv. Noeast. Forest Expt. Sta. Forest Statis. Ser. N. Y. 2,17 p. July 1952. 1.9622 N2F766

91674 ZAKHAROV, V. K. The pine stands of Belovezhskaîa Forest. (In Russian.) Lesn. Khoz. 4(11):28-33. Nov.1951. 99.8 L5622

Individual Genera and Species

91675 ARRUDA, E. R. DE. The barbatimao (Stryphnodendron barbatimao). (In Portuguese.) Brazil. Serv. Florestal. Arq. 4:101-117. Ref. 1950,pub.1951. 451 B733

91676 AUBERT, C. G. Réflexions sur un essai d'exotiques dans l'Orne. Soc. Forest. de Franche-Comté et des Prov. de l'Est. B. Trimes. 26:322-327. June 1952. 99.9 So14

91677 BAILEY, N. Know your wood: locust. Wood Working Digest 54:89-91. Sept.1952. 99.82 W87
Gleditsia species and Robinia pseudoacacia.

91678 BRÜCKNER, E. Anbauversuche mit fremdländischen holzarten im wuchsgebiet des erzgebirges. Wald 2:55-57. Feb.1952. 99.8 W143
Russian Zone of Germany.

91679 FIGUEIREDO, O. A. Eucalyptus as a source of income. (In Portuguese.) Colheit. e Mercados 8(5/6):33-34. May/June 1952. 255.3 Sa652
Brazil.

91680 GUINIER, P. A propos de peupliers. Rev. Hort. 124:739-741. July/Aug.1952. 80 R32

91681 HENNIG, R. Die Douglasie; eine monographische darstellung unserer wichtigsten fremdländischen holzart. Neumann,Radebeul,1951. 40 p. 99.47 H392

91682 HEWETSON, C. E. Sal (Shorea robusta) in South Bastar Forest Division, M. P. Indian Forester 78: 409-410. Aug.1952. 99.8 In2

91683 KOPTEV, V. I. Oak and velvet tree [Gynura] plantations at Mariupol Experiment Station. (In Russian.) Lesn. Khoz. 4(11):90-91. Nov.1951. 99.8 L5622

91684 NATIVIDADE, J. V. Cork trees in southern and southeastern Spain. (In Portuguese.) Portugal. Junta Nac. da Cortica. B. 14:175-185. (Cont.) May 1952. 309.9 J96

91685 ROJAS, E. Las plantaciones de chopo [Populus] en las riberas del Genil. Montes 8:103-105. Mar./Apr. 1952. 99.8 M763

91686 RUBNER, K. Die ältesen lärchen Bayerns und vermutlich Deutschlands ausserhalb des Alpengebietes. Allg. Forstz. 7:339-340. Aug.6,1952. 99.8 AL52

91687 RUBNER, K. Verbreitung und rassen der lärche. Allg. Forstz. 7:329-331. Aug.6,1952. 99.8 AL52

91688 SANTOS BILONI, J. Francisco Alvarez: el nombre de un arbol. Mundo Agr. 4(38):106-107. July 1952. 9 M92
Luehea divaricata.

91689 SCHMIDT, H. Zur beurteilung der anbauwürdigkeit der japaner lärche. Allg. Forstz. 7:338-339. Aug.6,1952. 99.8 AL52

FOREST MANAGEMENT AND FINANCE

91690 ADOMAT. Die einheitsbewertung des kleinprivatwaldes. Allg. Forstz. 7:349-352. Aug.20,1952. 99.8 AL52

91691 BARRACLOUGH, S. A key to forestry in New Hampshire, the predominance of small forest ownership. Forest Notes 16:3-6. Aug.1952. 99.8 F7691

91692 BENASSI, L. Forest management in Tuscany. (In Italian.) Agr. Tosc. 7:227-231. July 1952. 16 Ag827

91693 BERTHON, P. Organisation du travail et controle de la production et des rendements dans une exploitation forestière et industrielle tropicale. Bois et Forêts des Trop. 24:260-268. (Cont.) July/Aug.1952. 99.8 B632
English summary.

91694 BLANCKMEISTER. Gegenwartsnahe und vordringliche probleme der forsteinrichtung. Wald 2:68-72. Mar.1952. 99.8 W143
Russian Zone of Germany.

91695 BURO, A. Die anwendung des gesetzes vom minimum auf die forst- und holzwirtschaft. Wald 2:146-149. May 1952. 99.8 W143
Russian Zone of Germany.

91696 DIETERICH, V. Forstliche produktions- und betriebstechnik. Forstarchiv 23:129-136. Ref. Aug.1, p952. 99.8 F7723

91697 GLÄSER, H. Neue ergebnisse der waldarbeitsforschung. Göttingen. U. Forstl. Fakul. Schrreihe. 2:1-5. 1951. 99.9 G71
Mechanization and work management.

91698 HEGER, A. Die waldbauliche behandlung des gleichaltrigen intakten fichtenreinbestandes. Wald 2:234-237. Aug.1952. 99.8 W143

91699 IWANJUTA, W. M. Ein rechenschieber für forsttaxation. Wald 2:237-238. Aug.1952. 99.8 W143

91700 JAEGER, H. Standortserkundung und standortskartierung als grundlagen der forsteinrichtung. Wald 2: 82-85. Ref. Mar.1952. 99.8 W143

91701 JOHANSEN, O. Planting on contract. (In Norwegian.) Tidsskr. f. Skogbruk 60:109-110. Apr./May 1952. 99.8 T432

Forest trees.

91702 KURASAWA, H. An essay on the formation of timber-price. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:257-260. Nov.1951. 107.6 K995B

English summary.

Forest management.

91703 KURODA, M. Some notes on the relation between rent and forest management. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:261-266. Nov.1951. 107.6 K995B

English summary.

91704 LAMP, I. Moderne arbeitstechnik bei durchforstungen. Kärntner Bauer 102:441-442. Aug.1,1952. 19 K14

91705 LANDBECK, H. Die revierkartei ein beitrag zur intensivierung und verbesserung der arbeit im walde. Wald 2:182-186. June 1952. 99.8 W143

91706 LEMMEL, H. Notwendigkeit und bedeutung der forstlichen erfolgsrechnung. Göttingen. U. Forstl. Fakul. Schrreihe. 2:20-23. 1951. 99.9 G71

91707 LENZ, A. Uber naturnahe waldwirtschaft; ein bericht über die studienreise österreichischer forstleute in die Schweiz. Landwirtschaft 15/16:231-234. Aug.1952. 19 L235

91708 LIAN, T. Do you know your forest? (In Norwegian.) Skogen [Oslo] 17:52-54. 1952. 99.8 Sk56

Forest management.

91709 MACALLISTAIR, J. G. What trees to mark and how to mark them. Outdoor Ind. 19(8):16-17,22. Aug.1952. 279.8 Ou82

91710 MCLINTOCK, T. F. Practical management of spruce and fir--some observations. Soc. Amer. Foresters. N. Y. Sect. N. Y. Forester 11(2):1-3. May 1952. 99.9 So13N

Northeastern United States and Canada.

91711 MERKERT, H. H. Evolution der vorratspfleglichen waldwirtschaft im sinne Mitschurins! Wald 2: 162-164. June 1952. 99.8 W143

Russian Zone of Germany.

91712 MOTOVILOV, G. P. Forest type classification and its utilization in the organization of forest economics. (In Russian.) In Soveshchanie po lesnoi tipologii, Moscow 1950. Trudy, p.34-46. Moskva, Akademiia Nauk SSSR, 1951. 99.9 So824

91713 OLBERG, A. Ertragssteigerung durch waldbauliche massnahmen, wege und aussichten. Göttingen. U. Forstl. Fakul. Schrreihe. 2:43-46. 1951. 99.9 G71

91714 OSTWALD, H. Rundholzpreis und forstliche produktion, umtriebs- und massenleistungsfragen. Holz-Zentbl. 78:1408. Aug.21,1952. 99.81 H742

91715 PANEL discussion: better forest management in the Southeast, particularly the small ownership, and how it can be accomplished. Soc. Amer. Foresters. Soeast. Sect. Forestry Newslet. 8:14-25. Apr.1952. 99.8 So83

Remarks made by C. E. Clapp, C. D. Dyer, W. M. Oettmeier, H. M. Roller, Jr., and W. R. Sizemore.

91716 PUSTOSHKIN, I. I. Drainage [in forest plantations]. (In Russian.) Lesn. Khoz. 4(11):36. Nov.1951. 99.8 L5622

91717 REGENSTEIN, E. Mehr tempo--zuwachs steigern. Wald 2:139-141. May 1952. 99.8 W143

91718 REINDERS, E. Better management of private forests. (In Dutch.) Nederland. Boschbouw-Tijdschr. 24:169-174. July/Aug.1952. 99.8 N28

91719 RIVERA E., R. Consideraciones sobre la explotacion de bosques de pino insigne. Rev. Forest. Chilena 2:235-236. Jan.1952. 99.8 R3292

91720 RODRIGUEZ MUNOZ, R. Creacion de un fondo permanente y de un sistema de credito forestal. Mensajero Forest, June 1952:5-7,25-28. 99.8 M522

91721 SCHOBER, R. Forsteinrichtungsplanung und betriebsvollzug. Göttingen. U. Forstl. Fakul. Schrreihe. 2:51-54. 1951. 99.9 G71

91722 SOEST, J. VAN, and VLOTEN, H. VAN. Management and the Forestry Research Station TNO. (In Dutch.) Nederland. Boschbouw-Tijdschr. 24:175-178. July/Aug.1952. 99.8 N28

91723 SPEER, J. Holzpreis und kostenproblem der forstwirtschaft. Holzwirt. Jahrb. 1952:24-33. 99.83 H742

91724 THURMAN-MOE, P. Increased interest for forest ditches, but maintenance is neglected in many of the provinces. (In Norwegian.) Skogeieren 38:198-199. Dec.15,1951. 99.81 Sk5

91725 TIUKOV, S. E. Utilization of forest type classification in forest management. (In Russian.) In Soveshchanie po lesnoi tipologii, Moscow,1950. Trudy, p.47-55. Moskva, Akademiia Nauk SSSR,1951. 99.9 So824

91726 VEKSHEGONOV, V. IA. Cost of tractor work at the forest conservation stations. (In Russian.) Lesn. Khoz. 4(11):75-80. Nov.1951. 99.8 L5622

91727 WAGEMANN W., G. La explotacion continuada, solucion del problema forestal de Chile. Rev. Forest. Chilena 1:73-78. Aug.1951. 99.8 R3292

91728 WESTPHALEN. Die künftige einheitsbewertung forstwirtschaftl. betriebe. Allg. Forstz. 7:348. Aug.20, 1952. 99.8 AL52

Farm Woodlands

91729 BABBITT, D. There's a small fortune in your idle acres. N. J. Farm & Gard. 23(9):14-17. Sept.1952. 6 G162

Growing Christmas trees or trees for fence posts.

91730 FRITZSCHE, A. Vorratspflegliche waldwirtschaft im bauernwalde. Wald 2:134-135. May 1952. 99.8 W143

Mensuration, Surveying, Photogrammetry

91731 BELIAEV, N. I. Utilization of increased small scale aerial photographs [in forest aviation]. (In Russian.) Lesn. Khoz. 4(11):56-57. Nov.1951. 99.8 L5622

91732 BURKART, E. Grenzstammzahl und maximale kreisfläche bei der winkelzählmethode. Allg. Forstztg. 63:191-192. Aug.1952. 99.8 AL53

91733 HOPMANN, J. Die mathematik im forstlichen verwaltungs- und versuchswesen. Göttingen. U. Forstl. Fakul. Schrreihe. 2:17-19. 1951. 99.9 G71

91734 KINASHI, K. Some calculation examples of serial correlation coefficient of stand timber volumes. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:205-211. Nov.1951. 107.6 K995B

English summary.

91735 LANDBECK, H. Die homa ohne raummeter. Wald 2:76-77. Mar.1952. 99.8 W143

91736 LONGHI, G. Volume tables for white spruce and beech growing in the Emilian Forests. (In Italian.) Italia Forest. e Mont. 7:150-151. May/June 1952. 99.8 It12

91737 MERCER, L., and MAL, N. Tables showing the cubic contents of round and squared timber in feet and decimals of a foot, and the values of the same at various rates. Indian Forest Rec. New Ser. Silvicult. 7: 176-252. 1951. 99.8 In22S

91738 SCHANS, D., and SOEST, J. VAN. Wann wachsen die bäume am schnellsten? (In Dutch.) Nederland. Boschbouw-Tijdschr. 24:179-191. Ref. July/Aug. 1952. 99.8 N28

German summary.

91739 TRANSTROM, H. L. A large increment borer. Tree-Ring B. 19:2-4. July 1952. 99.8 T713

91740 U. S. FOREST SERV. NORTHEASTERN FOREST EXPERIMENT STATION. Forest survey field manual, Northeastern States. Supplement 1. Upper Darby, 1952. 10 p. 1.9622 N2F769

91741 VOLPINI, C. Blume-Leiss hypsometer. (In Italian.) Monti e Boschi 3:327-328. July 1952. 16 M76

For measuring height of trees.

Silviculture

91742 AREND, J. L., and GYSEL, L. W. Less oak [Quercus] reproduction on better sites. U. S. Forest Serv. Lake States Forest Expt. Sta. Tech. Notes 378, 1 p. July 1952. 1.9 F7625T

91743 AUSTIN, T. The Scandinavian Forest Union's 6 man excursion to Denmark in 1951. (In Norwegian.) Tidsskr. f. Skogbruk 60:103-108, Apr./May 1952. 99.8 T432

Chiefly on breeding of forest trees and silviculture in Denmark.

91744 BURDAEV, M. I. Pine culture on saline soils. (In Russian.) Lesn. Khoz. 4(12):85-86. Dec.1951. 99.8 L5622

91745 DÖRING, H. VON. Versuche, erfahrungen und gedanken aus einem kiefernrevier West-Mecklenburgs. Allg. Forst- u. Jagdztg. 123:206-212. (Concl.) July 1952. 99.8 AL13

91746 DORMAN, K. W. Directory of forest genetic activities in the South. U. S. Forest Serv. Soeast. Forest Expt. Sta. Paper 17,17 p. July 1952. 1.9622 S4St2

91747 DUFFIELD, J. W. Relationships and species hybridization in the genus Pinus. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:93-97. Ref. 1952. 99.8 Z36

91748 EHWALD, E. Die entwicklung der forstlichen standortskartierung in Thüringen. Schweiz. Z. f. Forstw. 103:265-277. Ref. Aug.1952. 99.8 J82

91749 GAEL', A. G. Shelterbelt silviculture in Northern Ural Area. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Nauch. Voprosy Polezashch. Lesorazved. 1: 309-327. 1951. 99.9 Ak1N

91750 HARTMANN, F. K. Waldsoziologie, waldökologie und waldbau; dargelegt an beispielen aus dem Mittelgebirge. Göttingen. U. Forstl. Fakul. Schrreihe. 2: 6-12. 1951. 99.9 G71

91751 HEIDRICH, H. Entfaltet die Mitschurinbewegung in der forstwirtschaft. Wald 2:129-132. Ref. May 1952. 99.8 W143

91752 ILLIES, Z. M. Die polyploidie in der forstpflanzenzüchtung. Deut. Baumsch. 4:139-140. June 1, 1952. 80 D486

91753 KÖNIG, H. Probleme der umstellung der kahlschlagwirtschaft auf vorratspflegliche waldwirtschaft. Wald 2:51-55. Feb.1952. 99.8 W143
Russian Zone of Germany.

91754 LAVRINENKO, D. D. Importance of forest types in silviculture. (In Russian.) In Soveshchanie po lesnoi tipologii, Moscow, 1950. Trudy, p.56-66. Moskva, Akademiia Nauk SSSR,1951. 99.9 So824

91755 LOKHOV, V. P. On the vitality of pine in the pine belts of Altai Territory. (In Russian.) Lesn. Khoz. 4(11):48-50. Nov.1951. 99.8 L5622

91756 MUCKADELL, M. S. DE, BARON. Beech breeding and beech breeding objectives. (In Danish.) Dansk. Skovfor. Tidsskr. 37:323-329. June 1952. 99.8 D23

91757 PODGURSKIĬ, P. F. Types of fast-growing ash and larch plantations. (In Russian.) Lesn. Khoz. 4(11): 34-35. Nov.1951. 99.8 L5622

91758 POGREBNIAK, P. S. Historical analysis of the development of silvicultural forest type classification. (In Russian.) In Soveshchanie po lesnoi tipologii, Moscow, 1950. Trudy, p.20-33. Moskva, Akademiia Nauk SSSR, 1951. 99.9 So824

91759 QUERENGASSER, F. Norway spruce management in Germany. Soc. Amer. Foresters. N. Y. Sect. N. Y. Forester 11(2):18-20. May 1952. 99.9 So13N
With comments by D. Cook.

91760 RALSTON, C. W. The relation of soil properties to site quality of Coastal Plain pine species. Soc. Amer. Foresters. Soeast. Sect. Forestry Newslet. 8: 9-13. Apr.1952. 99.8 So83

91761 REICHELT, H. Standortsansprüche und waldbauliches verhalten der holzarten. Wald 2:93-94. Mar. 1952. 99.8 W143
Russian Zone of Germany.

91762 SEREBRIAKOVA, L. K. On the transpiration of oak and maple in the Chestnut soil area of the South East [U.S.S.R.]. (In Russian.) Lesn. Khoz. 4(11):19-23. Nov. 1951. 99.8 L5622

91763 SOKOLOV, S. IA. Silvicultural importance of the forest types in the taiga area. (In Russian.) In Soveshchanie po lesnoi tipologii, Moscow, 1950. Trudy, p.67-84. Moskva, Akademiia Nauk SSSR,1951. 99.9 So824

91764 SUKACHEV, V. N. Fundamental principles of forest types classification. (In Russian.) In Soveshchanie po lesnoi tipologii, Moscow, 1950. Trudy, p.7-19. Moskva, Akademiia Nauk SSSR,1951. 99.9 So824

91765 THOMASIUS, H. Darstellung der ergebnisse der standortskartierung. Wald 2:88-91. Mar.1952. 99.8 W143

91766 TIMOFEEV, V. P. Experience of the fatherland in shelterbelt silviculture (some results of the past). (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Nauch. Voprosy Polezashch. Lesorazved. 1:5-37. Ref. 1951. 99.9 Ak1N

91767 U. S. FOREST GENETICS STEERING COMMITTEE. A guide for the selection of superior trees in the Northern Rocky Mountains. U. S. Forest Serv. North. Rocky Mountain Forest & Range Expt. Sta. Misc. P. 6, 7 p. July 1952. 1.9622 N3M68

91768 VOLKERT, E. Einige ergebnisse der standortkartierung im Mittelgebirge, ihre darstellungsform und auswertungsmöglichkeiten. Göttingen. U. Forstl. Fakul. Schrreihe. 2:67-70. 1951. 99.9 G71

91769 VOLKOV, F. I. Silviculture and organization of forest seed enterprises. (In Russian.) Lesn. Khoz. 4 (12):66-69. Dec.1951. 99.8 L5622

91770 WERNER. Der Mitschurinzirkel im KFA Gotha. Wald 2:60-61. Feb.1952. 99.8 W143

91771 ZONN, S. V., and MINA, V. N. Soil properties for growing forests and interaction of forest plantings with soils in steppe silviculture. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Nauch. Voprosy Polezashch. Lesorazved. 1:38-82. Ref. 1951. 99.9 Ak1N

Silvicultural Practices

91772 ANTIPOV-KARATAEV, I. N., and KRAEVOĬ, S. IA. On improving silvicultural conditions on Yergeni Hills for the successful utilization of the group method of sowing oak. (In Russian.) Pochvovedenie 7:595-610. Ref. July 1952. 57.8 P34

91773 BALDWIN, H. I. Spruce plantations silviculture and harvesting problems. Soc. Amer. Foresters. N. Y. Sect. N. Y. Forester 11(2):14-16. May 1952. 99.9 So13N
Northeastern States.

91774 BJORNETRO, T. Hardwood trees in the coniferous forest. (In Norwegian.) Skogen [Oslo] 17:54-55. 1952. 99.8 Sk56

91775 BRODOVICH, T. N. Silvicultural peculiarities and practices for growing Pseudotsuga taxifolia. (In Russian.) Lesn. Khoz. 4(12):19-22. Dec.1951. 99.8 L5622

91776 CHERNIKOV, V. A. Effect of forest burnings on the regeneration of Larix daurica. (In Russian.) Lesn. Khoz. 4(12):62-64. Dec.1951. 99.8 L5622

91777 DERR, H. J. A thinning experiment in planted loblolly pine. Unit 43:18-19. July 1952. 99.9 Un34

91778 GODNEV, E. D. Furrowing the soil under the oak plantings in the districts of the dry steppes. (In Russian.) Lesn. Khoz. 4(12):27-28. Dec.1951. 99.8 L5622

91779 GOTHE, H. Lärchen-mischbestockungen auf bunstandstein unter besonderer berücksichtigung der vergesellschaftung mit der buche. Allg. Forstz. 7:336-338. Aug.6,1952. 99.8 AL52

91780 HOLT, L. Thinnings. Pulp & Paper Mag. Canada 53(9):129,133. Aug.1952. 302.8 P96

91781 IURGENSON, E. I. An auger of F. A. P'iankov's construction. (In Russian.) Lesn. Khoz. 4(11):72-73. Nov.1951. 99.8 L5622
For tillage of forest soil.

91782 IZIUMSKIĬ, P. P. Reconstruction of steppe [forest] plantations. (In Russian.) Lesn. Khoz. 4(12):36-45. Dec.1951. 99.8 L5622

91783 KELLNER. Fichte unter fichten. Allg. Forstz. 7:353-354. Aug.20,1952. 99.8 AL52

91784 LANDBECK, H. Uber die buchenplenterwälder in Nordthüringen. Wald 2:244-247. (Cont.) Aug.1952. 99.8 W143

91785 LEBARRON, R. K. Silvicultural practices for lodgepole pine [Pinus contorta latifolia] in Montana. U. S. Forest Serv. North. Rocky Mountain Forest & Range Expt. Sta. Paper 33,19 p. July 1952. 1.9622 N3St1

91786 MARTINEZ DE PISON, M. Divagaciones sobre la extracción de varias "posibilidades" en un solo año. Montes 8:83-84. Mar./Apr.1952. 99.9 M763
Selection cutting.

91787 MORMICHE, A. Amélioration des taillis sous futaie sur sol calcaire en Lorraine. Soc. Forest. de Franche-Comté et des Prov. de l'Est. B. Trimes. 26:327-330. June 1952. 99.9 So14

91788 POBEDINSKIĬ, A. V. Increasing the forest regenerative importance of cleaning the cutting areas in concentrated clearcutting. (In Russian.) Lesn. Khoz. 4 (12):59-61. Dec.1951. 99.8 L5622
Burning.

91789 REISSMANN, W. Ein wort zum vorratspfleglichen auszeichnen. Wald 2:138. May 1952. 99.8 W143

91790 ROE, E. I. Understory balsam fir [Abies balsamea] responds well to release. U. S. Forest Serv. Lake States Forest Expt. Sta. Tech. Notes 377,1 p. July 1952. 1.9 F7625T

91791 SCHOBER, R. Vom lärchen-mischbestand. Allg. Forstz. 7:332-335. Aug.6,1952. 99.8 AL52

91792 STREHLKE, E. G. Zur ästung der fichte. Forstarchiv 23:93-100. Ref. June 15,1952. 99.8 F7723

91793 VALENZUELA R., H. El raleo de los bosques. Rev. Forest. Chilena 1:69-70. Aug.1951. 99.8 R3292

91794 WAGEMANN W., G. El mejoramiento de las montañas chilenas. Rev. Forest. Chilena 2:319. Mar. 1952. 99.8 R3292
Improvement cutting.

91795 WAGENKNECHT. Unterbau und voranbau. Wald 2:37-43. Feb.1952. 99.8 W143
Russian Zone of Germany.

91796 WHEELER, P. R. Effect of cutting on growth. Unit 43:23-26. July 1952. 99.9 Un34

91797 WITTICH, W. Grundlagen der bodenmelioration durch landwirtschaftliche zwischennutzung. Göttingen. U. Forstl. Fakul. Schrreihe. 2:71-74. 1951. 99.9 G71

Seeding and Planting

91798 ARBOLI HIDALGO, J. M. Ensayos de repoblaciones en los saladares de Alicante. Montes 8:90-94. Mar./Apr.1952. 99.8 M763

91799 AVOTIN-PAVLOV, K. ÎA., and BANDERS, V. L. Propagation of Betula with lignified cuttings. (In Russian) Akad. Nauk SSSR. Dok. 84:813-816. June 1,1952. 511 P444A

91800 AVOTIN-PAVLOV, K. ÎÀ. Self-grafting of Picea excelsa on Pinus sylvestris. (In Russian.) Lesn. Khoz. 4(11):88-90. Nov.1951. 99.8 L5622

91801 BAAK, W. Erprobung und prüfung von pflanzgeräten. Wald 2:72-75. Mar.1952. 99.8 W143

91802 BJARNASON, H. La reforestacion en Islandia. Rev. Forest. Chilena 2:297-299. Mar.1952. 99.8 R3292

91803 BONNER, E. Establishment of spruce on pulpwood lands in northern Ontario. Soc. Amer. Foresters. N. Y. Sect. N. Y. Forester 11(2):11-14. May 1952. 99.9 So13N

91804 BURLÍÀI, F. M-2 planting stock clamp. (In Russian.) Lesn. Khoz. 4(11):73-74. Nov.1951. 99.8 L5622

91805 DROST, P. J. The care of plantations. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:194-197. July/Aug.1952. 12 N282
Trees.

91806 ELIASON, E. J. Seed source and propagation of spruce in New York. Soc. Amer. Foresters. N. Y. Sect. N. Y. Forester 11(2):16-18. May 1952. 99.9 So13N

91807 ERNST, A. Bäume mit stammbaum; neue aufforstungsmethoden in den vereinigten staaten. Deut. Baumsch. 4:140-143. June 1,1952. 80 D486

91808 FAEGRI, K. Evaluation of heather land for spruce plantings. (In Norwegian.) Tidsskr. f. Skogbruk 60:99-103. Apr./May 1952. 99.8 T432

91809 FERNÁNDEZ G., A. Regeneracion natural del bosque chileno. Rev. Forest. Chilena 2:295-296. Mar. 1952. 99.8 R3292

91810 FISHER, J. B. Review of planting needs in Area 3. Unit 43:29-31. July 1952. 99.9 Un34

91811 FONSECA FILHO, C. DE A. Reforestation in Brazil: guatambu [Aspidosperma olivaceum]. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1(2):66-69. Feb.1952. 9.2 M663

91812 FORTUNSTOW, N. I. Anpflanzung von kiefern in gruppen. Wald 2:98-101. Apr.1952. 99.8 W143

91813 GEORGOPULOS, A. Beitrag zur wahl des pflanzverbandes bei pappelkulturen. Schweiz. Z. f. Forstw. 103:212-224. Ref. June/July 1952. 99.8 J82

91814 GONCHAROVA, Z. N. We shall secure the full adaptation of seedlings [in shelterbelt planting]. (In Russian.) Lesn. Khoz. 4(11):24-25. Nov.1951. 99.8 L5622

91815 GOTHE, H. Ein kreuzungsversuch mit Larix europaea D. C., herkunft Schlitz, und Larix leptolepis Gord. 1. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:108-110. 1952. 99.8 Z36

91816 GRANLUND, T. In German tree nurseries. (In Swedish.) Skogen [Stockholm] 39:80-81. Aug.15,1952. 99.8 Sk51

91817 HEITMÜLLER, H. H. Untersuchungen über die wirkung synthetischer wuchsstoffe auf die stecklingsbewurzelung bei waldbäumen. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:100-107. Ref. 1952. 99.8 Z36

91818 HENKEL, W. Zur "Specht'schen methode—aufforsten ohne kamp!" Wald 2:253-255. Aug.1952. 99.8 W143

91819 HOFFMANN. Erfahrungen mit maschineller grossflächenaufforstung im staatlichen forstwirtschaftsbetrieb Weisswasser (O.-L.). Wald 2:233-234. Aug. 1952. 99.8 W143

91820 JAGOW, VON. Erfahrungen bei der odlandaufforstung im Emsland. Landwirtbl. Weser-Ems 99:784-785. (Cont.) Aug.7,1952. 18 L2345

91821 KENNEDY, J. D. Spruce plantations, installation and care. Soc. Amer. Foresters. N. Y. Sect. N. Y. Forester 11(2):6-8. May 1952. 99.9 So13N
With comments by E. J. Eliason.

91822 KHARLAMOV, G. I. For a proper organization of forest seed production. (In Russian.) Lesn. Khoz. 4 (11):58-60. Nov.1951. 99.8 L5622

91823 KOLESNIKOV, V. Practices of a tractor brigade in planting forests and grasses. (In Russian.) Mashinno-Traktornaîà Sta. 12(4):7-8. Apr.1952. 58.8 M11

91824 KRAHL-URBAN, J. Erbanlagen und züchtungsmöglichkeiten bei rotbuche, stiel- und traubeneiche. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:114-120. Ref. 1952. 99.8 Z36
Fagus sylvatica, Quercus robur and Q. petraea.

91825 KRAHL-URBAN, J. Uberwinterungsversuche mit eicheln und bucheln. Forstarchiv 23:136-140. Ref. Aug.1,1952. 99.8 F7723

91826 KRAUSS, H. H. Pflanzenbedarfs- und kampflächenplanung. Wald 2:120-123. Apr.1952. 99.8 W143
Russian Zone of Germany.

91827 KROH, R. Eggesiner pflanzmethode trägt zur senkung der selbstkosten und zur steigerung der arbeitsproduktivität bei. Wald 2:115-116. Apr.1952. 99.8 W143

91828 KROLL, R. Die Tornauer pflanzlochwalze für forstkulturen. Wald 2:141-142. May 1952. 99.8 W143

91829 KRSTITCH, M. La détermination de la vitalité des embryons de Pinus nigra Arn. sur le milieu à la gélatine tannisée. Internatl. Seed Testing Assoc. Proc. 17:20-22. 1951/52. 61.9 In84P

91830 KRSTITCH, M. Les particularités morpho-biométriques des fructifications de Picea omorica Panc. Qualité des semences. Internatl. Seed Testing Assoc. Proc. 17:23-38. Ref. 1951/52. 61.9 In84P

91831 KRSTITCH, M. Pour une définition plus précise de l'énergie germinative des semences forestières. Internatl. Seed Testing Assoc. Proc. 17:16-19. 1951/52. 61.9 In84P

91832 KUSNETZOW, W. J. Uber qualitätsweiser des pflanzgutes. Wald 2:166-167. June 1952. 99.8 W143

91833 KUZNETSOV, V. I. On qualitative indexes of [forest tree] planting stock. (In Russian.) Lesn. Khoz. 4(12):33-35. Dec.1951. 99.8 L5622

91834 LOGINOV, L., and SOLODOVNIKOV, F. Growing Betula pendula without any covering. (In Russian.) Lesn. Khoz. 4(12):86. Dec.1951. 99.8 L5622

91835 LONGWOOD, F. R., and SALMINEN, W. A. Reproduction after cutting in hardwood-hemlock [Tsuga] stands. U. S. Forest Serv. Lake States Forest Expt. Sta. Tech. Notes 379,1 p. July 1952. 1.9 F7625T

91836 LOSITSKII, K. B. Geographic sowing of pine in Gorki Region. (In Russian.) Lesn. Khoz. 4(12):70-74. Dec.1951. 99.8 L5622

91837 LYNCH, D. W. Forest tree planting in the Inland Empire. U. S. Forest Serv. North. Rocky Mountain Forest & Range Expt. Sta. Misc. P. 5,21 p. Ref. July 1952. 1.9622 N3M68

91838 LYSENKO, T. D. Results of experimental and industrial plantings of shelterbelts by the group method in 1949, 1950 and 1951. (In Russian.) Kolkhoz. Proizvodstvo 12(5):21-23. May 1952. 281.8 K83

91839 MCWHANNELL, F. B. Plant the right types of eucalypts and they'll yield an invaluable crop of hardwood timbers in 30-50 years' time. (Sum.) New Zeal. Dairy Exporter 28(2):44-47. Aug.1952. 44.8 N484

91840 MARININ, D. N. Winter sowing at forest nurseries. (In Russian.) Lesn. Khoz. 4(12):23-24. Dec. 1951. 99.8 L5622

91841 MELIKHOV, P. S. Foresters are assisting in the construction of Moscow State University. (In Russian.) Lesn. Khoz. 4(11):37-38. Nov.1951. 99.8 L5622
Transplanting of trees.

91842 MERZ, R. W., and PLASS, W. T. Natural regeneration on old fields in southeastern Ohio. U. S. Forest Serv. Cent. States Forest Expt. Sta. Tech. Paper 129,13 p. Aug.1952. 1.9622 C3T222

91843 MILDNER, H. Zu: "aufforsten ohne kamp" (methode specht). Wald 2:86-87. Mar.1952. 99.8 W143

91844 MISNIK, G. E. Effect of soaking on increasing germination in the ground of white mulberry and fleecy ash tree seeds. (In Russian.) Lesn. Khoz. 4(12):75-76. Dec.1951. 99.8 L5622

91845 MIXON, J. E. Nursery production in Louisiana. Unit 43:8-11. July 1952. 99.9 Un34

91846 MYSIN, P. G. In the effort for outstanding adaptation [of pine and oak seedlings]. (In Russian.) Lesn. Khoz. 4(11):26-27. Nov.1951. 99.8 L5622

91847 PETRUSENKO, and MATVEEV. A horse-drawn sowing machine for forest nurseries. (In Russian.) Lesn. Khoz. 4(11):70-71. Nov.1951. 99.8 L5622

91848 ROHMEDER, E. Der forstpflanzgarten. Allg. Forstz. 7:345-347. Aug.20,1952. 99.8 AL52

91849 ROHMEDER, E. Vergleichsklengung von lärchenzapfen mit drei neuzeitlichen aufbereitungsverfahren. Allg. Forstz. 7:339. Aug.6,1952. 99.8 AL52

91850 RUNQUIST, E., and STEFANSSON, E. Orientierende versuche zur stecklingsbewurzelung bei fichte und kiefer. Z. f. Forstgenet. u. Forstpflanzenzücht. 1:111-114. Ref. 1952. 99.8 Z36

91851 SCHMUCKER, T. Über einige möglichkeiten der forstpflanzenzüchtung. Göttingen. U. Forstl. Fakul. Schrreihe. 2:47-50. 1951. 99.9 G71

91852 SCHUBERT, J. Bemerkungen zur saatgutbeurteilung für die forstliche praxis. Wald 2:172-177. June 1952. 99.8 W143

91853 SMIRNOV, V. E. Assisting the natural regeneration of pine in the pine belts of Western Siberia. (In Russian.) Lesn. Khoz. 4(11):44-47. Nov.1951. 99.8 L5622

91854 STREHLKE, B. Die auswahl von samenerntebeständen in Grossbritannien. Allg. Forstz. 7:362-364. Sept.3,1952. 99.8 AL52

91855 TIEDEMANN, F. Pflanzen für alle länder der welt. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.59,61. Kiel,1951. 33.27 Sch34
Forest nurseries.

91856 TORRICELLI D., E., and MUNOZ V., D. Tecnica defectuosa como causa de perdidas en las plantaciones de pino insigne [Pinus radiata]. I-II,IV-V. Rev. Forest. Chilena 1:196; 2:261-262,302-303,330-331. Dec.1951-Jan.,Mar.-Apr.1952. 99.8 R3292

91857 VALENZUELA R., H. La forestacion en la zona norte. Rev. Forest. Chilena 1:144-145. Oct.1951. 99.8 R3292

91858 VESNIN, V. M. Group sowing of oak in the North [of U.S.S.R.]. (In Russian.) Lesn. Khoz. 4(11):13-15. Nov.1951. 99.8 L5622

91859 VOLKOV, F. I. Specific weight of acorns as an indicator of their ripeness and seed quality. (In Russian. Akad. Nauk SSSR. Dok. 85:203-206. Ref. July 1,1952. 511 P444A

91860 ZABOROVSKIĬ, E. P. On cleaning larch seeds. (In Russian.) Lesn. Khoz. 4(11):60-63. Nov.1951. 99.8 L5622

Forest Protection and Damage

91861 AMINOFF, F. Nature protection and nature value. IV. (In Swedish.) Skogen [Stockholm] 39:174,183. Aug.1,1952. 99.8 Sk51
Protection of birch and oak forests in Sweden.

91862 CHENTSOVA, N. IU. Behavior of mice-like rodents in the search for food and protection of planted [tree]seeds from them. (In Russian.) Zool. Zhur. 31: 422-433. Ref. May/June 1952. 410 R92

91863 HUNZIKER, F. Vom wildschaden und seinen folgen für die bewirtschaftung und den ertrag des waldes. Schweiz. Z. f. Forstw. 103:224-228. June/July 1952. 99.8 J82

91864 JÄNTERÄ, A. 40 jahre waldentwässerung in Finnland. Schweiz. Z. f. Forstw. 103:160. Apr./May 1952. 99.8 J82

91865 LONGWOOD, F. R. Mortality following heavy partial cutting in a hardwood-hemlock [Tsuga] forest. U. S. Forest Serv. Lake States Forest Expt. Sta. Tech. Notes 380,1 p. July 1952. 1.9 F7625T

91866 SANMARCHI, A. Lightning in the mountain. (In Italian.) Monti e Boschi 3:309-316. July 1952. 16 M76
English summary.
Discusses damage to trees.

Fire

91867 BAKER, G. C. A new type of compass for smokechasers. Fire Control Notes 13(3):22-23. July 1952. 1 F766Fi

91868 BANGSBERG, R. C. Fires by the dozen. Fire Control Notes 13(3):44-46. July 1952. 1 F766Fi

91869 BEATTIE, B. A timetable for large fire management. Fire Control Notes 13(3):38-40. July 1952. 1 F766Fi

91870 DEVET, D. D. Fire prevention program on Kiamichi Ranger District. Fire Control Notes 13(3):41-43. July 1952. 1 F766Fi

91871 EVERTS, A. B. Improved smoke candle. Fire Control Notes 13(3):24-26. July 1952. 1 F766Fi

91872 GARDNER, A. M. Mounting the new mobile radios with weatherproof case. Fire Control Notes 13(3): 12-13. July 1952. 1 F766Fi

91873 GILLESPIE, J. Watchers guard historic area against forest fires. Canada Lumberman 72(9):77-78. Sept.1952. 99.81 C16

91874 HAUTH, W. K. Canteen carrier. Fire Control Notes 13(3):34-35. July 1952. 1 F766Fi

91875 MITCHELL, J. A. The Lake States Burning Index Meter. Fire Control Notes 13(3):7-11. July 1952. 1 F766Fi

91876 SANTOS, E. Every paper balloon that goes up is a danger in the air. (In Portuguese.) Lav. e Criação 13(5):31. May 1952. 49 L392
Fire risk prohibited by the Brazilian forestry code.

91877 SMITH, H. H., and BURKE, J. P. Keep your ax handle tight. Fire Control Notes 13(3):4-6. July 1952. 1 F766Fi

91878 SUCH, S. Michigan hydraulic sulky plow. Fire Control Notes 13(3):19-21. July 1952. 1 F766Fi

91879 TOWELL, W. E. A tractor-drawn fire rake. Fire Control Notes 13(3):28-29. July 1952. 1 F766Fi

91880 TOWELL, W. E. Radio mount in 1/4-ton jeep. Fire Control Notes 13(3):14-15. Ref. July 1952. 1 F766Fi

91881 U. S. FOREST SERV. AERIAL EQUIPMENT DEVELOPMENT CENTER. Long-rope parachute. Fire Control Notes 13(3):16-18. July 1952. 1 F766Fi

91882 U. S. FOREST SERV. SOUTHEASTERN FOREST EXPERIMENT STATION. Forest fires and fire danger in West Virginia, by A. W. Lindenmuth, Jr., and J. J. Keetch. Asheville,1952. 49 p. 1.9622 S4F762

91883 VALENZUELA R., H. Proteccion forestal contra los incendios. Rev. Forest. Chilena 1:107-110. Sept.1951. 99.8 R3292
Chiefly prevention.

91884 WILSON, K. O. Operation redskin. Fire Control Notes 13(3):1-3. July 1952. 1 F766Fi
Indian crews in fire suppression work.

91885 WOODS, F. W. Initial fire report form, Region 4. Fire Control Notes 13(3):36-37. July 1952. 1 F766Fi

91886 WRIGHT, W. F. The protection of rural lands against fire in New Zealand. Unasylva 6:4-11. Mar. 1952. 99.8 Un1
Mainly forest fires.

Forest Influences

91887 BEĬLIN, I. G. In regard to the effectiveness of forest plantings in protecting young [field] crops from fungus diseases. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Nauch. Voprosy Polezashch. Lesorazved. 1:252-264. Ref. 1951. 99.9 Ak1N

91888 BOCK, and RICHTER. Die wildbach- und lawinenverbauung in Österreich nach dem Zweiten Weltkrieg. Schweiz. Z. f. Forstw. 103:152-159. Apr./May 1952. 99.8 J82

91889 BUDOWSKI, G. Cuál es la influencia de los bosques sobre el clima? Suelo Tico 5:240-241. May/Dec.1951. 8 Su2

91890 D'IACHENKO, A. E. The forest and the harvest. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Nauch. Voprosy Polezashch. Lesorazved. 1:285-295. Ref. 1951. 99.9 Ak1N
Effect of shelterbelts.

91891 KOROTUN, A. M. On types of shelterbelts in the irrigated districts of Uzbekistan and South Kazakhstan Region. (In Russian.) Lesn. Khoz. 4(12):5-13. Dec. 1951. 99.8 L5622
Forest influences.

91892 LOWE, G. D. A history of slash pine [Pinus caribaea] does it threaten water resources? South. Lumber J. 56(9):78,80,82. Sept.1952. 99.81 So8

91893 MILLAHN, G. Gedanken über die vergrosserung der holzbodenfläche im rahmen der landschaftsgestaltung. Wald 2:57-59. Feb.1952. 99.8 W143

91894 MOLCHANOV, A. A. The forest and moisture. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Nauch. Voprosy Polezashch. Lesorazved. 1:83-108. Ref. 1951. 99.9 Ak1N

91895 PRIEHAUSSER, G. Uber die natürliche speicherung von wasser im bayerischen wald. Landwirt. Jahrb. f. Bayern 29:449-484. Ref. July/Aug.1952. 18 L24

91896 RICHTLINIEN für den pappelanbau durch die landschaftspflege. Wald 2:102-105. Apr.1952. 99.8 W143

91897 SAKANOUE, T. Experiments of the meteorological effect on model windbreak in the field (first report). (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13: 367-372. Nov.1951. 107.6 K995B
English summary.

91898 TANI, N. On the mechanism and effect of shelter-hedge. 1. Wind tunnel test of the model hedge. (In Japanese.) Soc. Agr. Met. Japan. J. Agr. Met. 7:51-53. June 1952. 340.9 So1
English summary.

91899 ZENTGRAF, E. Untersuchungen über den verlauf schwacher luftbewegung in freistehenden beständen. Allg. Forst- u. Jagdztg. 123:186-191. July 1952. 99.8 AL13
Forest influences.

Miscellaneous Forest Uses

91900 DELISLE, R. Progrès ou déclin? Abeille et l'Érable (ser.2)21:102-103. (Cont.) Aug./Sept.1952. 424.8 Ab32
Maple sirup industry.

91901 VIETINGHOFF-RIESCH, FREIHERR VON. Amerikaner suchen erholung im wald. Allg. Forstz. 7:366-367. Sept.3,1952. 99.8 AL52

91902 WEITEKAMP. H. Der deutsche mischwald als nothelfer der imkerei. Westfälische Bienenztg. 65:104-105. Apr.1952. 424.8 W526

91903 WILLIAMS, R. E. Cattle and longleaf pine trees successful combination. Forests & People 2(3):28-29. July 1952. 99.8 F7628

FOREST INDUSTRIES AND TRADE

91904 BEEKMAN, W. B. Survey of African wood export during the last 17 years. (In Dutch.) Houthandel 5:192-194,198-201. Aug.14-21,1952. 99.81 H81

91905 BETHEL, J. S. Opportunities for processing tropical woods in North Carolina. N. C. Dept. Conserv. & Devlpmt. Resource-Indus. Ser. 7,16 p. 1951. 280.9 N8142

91906 CHAMPANHET. Exploitation et commerce du bois dans le Sud Indochinois. Études d'Outre-Mer 35: 206-210. May/June 1952. 286.8 M35

91907 CLENDENAN, E. F. Uncertain future faces B. C. forest industry as result of costly strike. Canada Lumberman 72(9):57,192-193. Sept.1952. 99.81 C16

91908 DOLHONDE, P. Southern Advance nursery program and conservation development. Unit 43:15-17. July 1952. 99.9 Un34

91909 DUBRET, R. Evolution des prix des bois depuis 1914. Bois et Scieries 58:599,601,603,629,631,829, 831-832. (Cont.) May 29-June 5,July 31/Aug.7,1952. 99.81 B632

91910 DUBRET, R. Situation internationale des bois. Bois et Scieries 58:779,781. July 17,1952. 99.81 B632

91911 EUTING, H. H. Die holzwirtschaft im Marshallplan und wiederaufbau. Holz 6:161-165. July 1952. 99.82 H743

91912 FELIS R., C. Debemos aprovechar la experiencia de nuestros fracasos anteriores. Rev. Forest. Chilena 1:210-211. Dec.1951. 99.8 R3292
On the proposed Sociedad Nacional de Madereros y Forestadores.

91913 FRACASSI, A. The liberation of trade and the position of wood. I. (In Italian.) Rass. del Mercato Internaz. del Legno 4:82-84. May 1952. 99.82 R18

91914 GRÄBNER, G. Holzhandelsprobleme. Holzwirt. Jahrb. 1952:49-53. 99.83 H742

91915 HALL, W. W. The forest industries of southern Ontario. Canada Lumberman 72(9):58-59,91-92, 94. Sept.1952. 99.81 C16
History.

91916 HEINRICHS, W. Belebung am nordischen holzmarkt. Holz-Zentbl. 78:1395-1396. Aug.19,1952. 99.81 H742

91917 JANICHEN, O. Weltholzmarkt und holzeinfuhr, erinnerung und hoffnung. Holzwirt. Jahrb. 1952: 43-48. 99.83 H742

91918 KITCHENS, J. H., JR. Association responsibilities in expanding reforestation work. Unit 43:11-15. July 1952. 99.9 Un34
Public relations.

91919 LAUESEN, E. J. Giving voice to a tongue-tied giant. South. Lumber J. 56(9):16,18,48,50. Sept.1952. 99.81 So8
Public relations in the forest industries.

91920 NINO DE LA HORRA, D. Conocido industrial enfoca aspectos de la produccion maderera. Rev. Forest. Chilena 1:217-219. Dec.1951. 99.8 R3292

91921 OELCKERS S., G. La exportacion de maderas y el regimen de cambios. Rev. Forest. Chilena 1:81-84. Aug.1951. 99.8 R3292

91922 SAAVEDRA LOPEZ, A. Deficiencias del transporte ferroviario y las industrias de la madera. Rev. Forest. Chilena 1:85-86. Aug.1951. 99.8 R3292

91923 SCHINDLER, E. R. Southern pine industry mechanizes. Forests & People 2(3):24-25,50-53. July 1952. 99.8 F7628

91924 SMITH, W. P. Directory of forest-products industries in the 125 Tennessee Valley counties, 1952. Norris,Tenn.,1952. 39 p. 173.2 T25Di

91925 WAGEMANN WEIDENBRUG, G. Observaciones sobre la industria maderera de Chile. Rev. Forest. Chilena 1:133-136. Oct.1951. 99.8 R3292

91926 YOUNG, V. History of Gaylord plantations. Unit 43:19-23. July 1952. 99.9 Un34

Lumbering

91927 ANDREWS, L. R. The effect of development in harvesting and manufacturing methods and equipment on utilization and forestry practices. Brit. Columbia Lumberman 36(8):36-38,105,108,110,112,114,116,120,122. Aug.1952. 99.81 B77

91928 BENENSON, G. M. The lumbering industry on the road to socialist industrialization. (In Russian.) Lesn. Promysh. 12(4):4-8. Apr.1952. 99.82 L56

91929 FRIEDRICH, R. Wirtschaft, Horatio! Wirtschaft!. Holzwirt. Jahrb. 1952:11-16. 99.83 H742

91930 HOLZWIRTSCHAFTLICHES jahrbuch, 1952. Stuttgart,1952. 312 p. 99.83 H742

91931 NAUMANN, B. Die unfallgefährdung bei der waldarbeit. Wald 2:149-151. May 1952. 99.8 W143

91932 SCHÖNTAG, L. Die praxis der unfallverhütung. Holzwirt. Jahrb. 1952:212-219. 99.83 H742

91933 SUDNITSYN, I., and SOLOV'EV, N. Decisive conditions for fulfilling the plan in the lumbering industry. (In Russian.) Planovoe Khoz. 3:35-44. May/June 1952. 280.8 P69

91934 WILSON, G. M. Control of costs of slasher mill operation. Pulp & Paper Mag. Canada 53(9):146, 153,155-156,158,160. Aug.1952. 302.8 P96

Lumbering Equipment

91935 EVERS, K. Die werkzeugkasse. Forstarchiv 23:108-110. June 15,1952. 99.8 F7723

91936 GLÄSER. Intensivierung der forstwirtschaft durch mechanisierung. (Excerpts.) Holz-Zentbl. 78: 1255-1256. July 24,1952. 99.81 H742

91937 GLÄSNER, H. Neue ergebnisse der axtforschung. (Extr.) Internatl. Holzmarkt 43(12):63. June 21,1952. 99.81 In82

91938 GORBACHEVSKIĬ, V. A. New truck trailers for transporting logs. (In Russian.) Lesn. Promysh. 12 (4):13-16. Apr.1952. 99.82 L56

91939 GULISASHVILI, B. G. Chute-timber slide with hydraulic traction. (In Russian.) Lesn. Promysh. 12(4):16-18. Apr.1952. 99.82 L56

91940 JUŠTŠUK, E. Schwedische entrindungsmaschinen. Holz als Roh- u. Werkst. 10:229-238. June 1952. 99.81 H74

91941 KAPITONOV, I. T. Electric [log] hauling tractor. (In Russian.) Lesn. Promysh. 12(5):9-12. May 1952. 99.82 L56

91942 KRAEV, E. IA. To extend the use of TL-3 winches in log hauling. (In Russian.) Lesn. Promysh. 12(5):4-5. May 1952. 99.82 L56

91943 MAKKONEN, A. Presenting motor saws. III. (In Finnish.) Teho 6:292-295. 1952. 20 T98
English summary, p. 330.

91944 PRIEZZHIĬ, I. I. TL-3 winches in log floating work. (In Russian.) Lesn. Promysh. 12(7):19-20. July 1952. 99.82 L56

91945 REISSINGER, G. Der leichtmetallkeil: Forstarchiv 23:107-108. June 15,1952. 99.8 F7723

91946 SCHLEGEL. Die arbeitsorganisation beim einsatz von motorsägen. Wald 2:109-111. Apr.1952. 99.8 W143
Russian Zone of Germany.

91947 SOLOVEĬCHIK, M. M. To introduce the sectional booms of TSNII Lesosplava on the rivers of the North [U.S.S.R.]. (In Russian.) Lesn. Promysh. 12(5): 20-22. May 1952. 99.82 L56

91948 TROMP, P. H. M., and HERMANS, J. M. The manufacture of axe handles. I. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:215-216. July/Aug. 1952. 12 N282
Home manufacture for use in logging.

Logging

91949 BELTRAM, M. V. L'exploitation estivale de l'épicéa. Schweiz. Z. f. Forstw. 103:293-297. Aug.1952. 99.8 J82

91950 COLLIER, R. D. The measurement of forces acting on the Outardes pulpwood booming system. Pulp & Paper Mag. Canada 53(9):120-122,125-126,128. Aug. 1952. 302.8 P96

91951 DMITRIEV, G. A. The loggers of Ural Area are fulfilling their obilgations. (In Russian.) Lesn. Promysh. 12(7):6-7. July 1952. 99.82 L56

91952 FESENKO, L. Taman logging site. (In Russian.) Sel'sk. Stroitel' 6(6):21-22. Nov./Dec.1951. 296.28 Se4

91953 FILIPPOV, G. A. Economical distribution of earth masses in road construction for log transportation. (In Russian.) Lesn. Promysh. 12(5):5-9. May 1952. 99.82 L56

91954 GLÄSER, H. Einschlagarbeit am steilhang, studien zum energieverbrauch insbesondere beim steigen und gehen am hang. Forstarchiv 23:112-121. June 15, 1952. 99.8 F7723

91955 HACKER, O. Die entwicklung des bringungsgerätes motormuli. (Extr.) Internatl. Holzmarkt 43(12): 64. June 21,1952. 99.81 In82

91956 HAFNER, F. Holzbringung in Österreich. Forstarchiv 23:101-106. Ref. June 15,1952. 99.8 F7723

91957 HILF, H. H. Die arbeitsleistung im hauungsbetrieb. Forstarchiv 23:81-93. Ref. June 15,1952. 99.8 F7723

91958 KLAEHN, F. U. Von nordschwedens flösserei. Holz-Zentbl. 78:1396. Aug.19,1952. 99.81 H742

91959 KOMAROV, P. D. To speed up the formation of [log] booms for the great projects of communism. (In Russian.) Lesn. Promysh. 12(5):17-20. May 1952. 99.82 L56

91960 LOBOVIKOV, T. S. On enlarging the planned logging enterprises. (In Russian.) Lesn. Promysh. 12 (5):27-29. May 1952. 99.82 L56

91961 MCCRAW, W. E. Build better roads and save. Pulp & Paper Mag. Canada 53(9):142,144,146. Aug.1952. 302.8 P96

91962 MCCRAW, W. E. Efficient use of equipment in building roads for logging operations. Roads & Engin. Constr. 90(8):108-110,124,127-128. Aug.1952. 290.8 C16A

91963 MENCHINOV, G. By a single time sheet. (In Russian.) Lesn. Promysh. 12(7):11-13. July 1952. 99.82 L56
Work management at Altynaĭskiĭ logging enterprise.

91964 MOZHUL', V. G., and PERFILOV, M. A. Method of utilizing hauling machinery at Luzhskii logging enterprise. (In Russian.) Lesn. Promysh. 12(7):7-10. July 1952. 99.82 L56

91965 NEVZOROV, N. V. Again on the capacity of raw material bases at logging sites. (In Russian.) Lesn. Promysh. 12(5):29-32. May 1952. 99.82 L56

91966 OSIPOV, M. E. Floating logs. (In Russian.) Lesn. Promysh. 12(7):15-18. July 1952. 99.82 L56

91967 SAMŬILENKO, F. A. We shall fulfill on time our annual plan in logging. (In Russian.) Lesn. Promysh. 12(7):4-6. July 1952. 99.82 L56

91968 SHEĬNIN, IA. G. A logging enterprise of complex mechanization. (In Russian.) Lesn. Promysh. 12(4):9-13. Apr.1952. 99.82 L56
Work management chiefly.

91969 VASIL'EV, A. V. Separate-group method of log-boom floating. (In Russian.) Lesn. Promysh. 12(4): 24-28. Apr.1952. 99.82 L56

91970 WAGEMANN W., G. El caballo en la explotacion maderera. Rev. Forest. Chilena 1:212-214. Dec. 1951. 99.8 R3292

91971 WEITZMAN, S. Facts from Fernow Forest: mountain logging—equipment and methods. W. Va. Conserv. 16(5):10-15. Aug.1952. 279.8 W524

Sawmills

91972 ANDRIEVSKIĬ, A. I. On improving circular saws. (In Russian.) Lesn. Promysh. 12(4):32-33. Apr. 1952. 99.82 L56
Saw's teeth.

91973 HÄRING-HUBER, F. Rationalisierung des transportwesens in sägewerken. (Extr.) Internatl. Holzmarkt 43(12):63. June 21,1952. 99.81 In82

91974 HÖNICKE, K. Ausnutzungsfaktor und zopfdurchmesserwahl. Schatzkammer des Wessens 10,7 p. (Cont.) Jan.31,1952. 99.8 Sch1

91975 HYLAND, J. The rudiments of sawmilling. 3. Timber News 60:397-399. Aug.1952. 99.81 T482

91976 MIKIT, E. A. To increase the productivity of circular saws of longitudinal sawing. (In Russian.) Lesn. Promysh. 12(4):31-32. Apr.1952. 99.82 L56
Saw's teeth.

91977 PASQUET, A. R. Maquinas madereras. Rev. Forest. Chilena 1:91-93,141-142. Aug.,Oct.1951. 99.8 R3292
Saws and planers.

91978 ROZHKOV, D. S. Flattening teeth of frame saws. (In Russian.) Lesn. Promysh. 12(7):22-25. July 1952. 99.82 L56

91979 SHEVKUN, V. Sawing logs on a multi-saw machine. (In Russian.) Sel'sk. Stroitel' 6(6):7. Nov./Dec. 1951. 296.28 Se4

91980 WEGELT, W. Einschlagshöhe und schnittholzbedarf; welche konsequenzen hat die deutsche sägeindustrie daraus zu ziehen? Holzwirt. Jahrb. 1952:34-42. 99.83 H742

91981 WIRTSCHAFTLICHKEIT im sägewerksbetrieb. Holzwirt. Jahrb. 1952:87-94. 99.83 H742

91982 ZHIL'TSOV, V. Installation and utilization of log sawing frames. (In Russian.) Sel'sk. Stroitel' 6(6): 18-19. Nov./Dec.1951. 296.28 Se4

Processing and Woodworking

91983 ALTHERR, A. Neue formen als ausdruck der modernen holzbiegetechnik. (Extr.) Internatl. Holzmarkt 43(12):61. June 21,1952. 99.81 In82

91984 ELSNER, W. Neuzeitliche holzbearbeitung, die wichtigsten fortschritte in der technischen entwicklung und ausrüstung der maschinen und werkzeuge für die holzindustrie. Holzwirt. Jahrb. 1952:132-151. 99.83 H742

91985 FRONIUS, K. Praktische leistungsbedarfsermittlung an vollgattern. Holzwirt. Jahrb. 1952:95-99. 99.83 H742

91986 GEFAHRT, J. Hochfrequenzerwärmung in der holzindustrie. Holz 6:170-171. (Concl.) July 1952. 99.82 H743

91987 HORDERN, R. H. The technology of woodwork costing. 10. Portable power tools, 1. Wood [London] 17: 318-320. Aug.1952. 99.82 W855

91988 KOLLMANN, F. Über das biegen der hölzer. (Extr.) Internatl. Holzmarkt 43(12):61. June 21,1952. 99.81 In82

91989 MÜLLER, W., and TÖGEL, K. Aktuelle fragen der holzverarbeitung. Holzwirt. Jahrb. 1952:100-106. 99.83 H742

91990 SIMONSSON, A. Vorbildtypus eines zweigattersägewerkes. (Extr.) Internatl. Holzmarkt 43(12):62-63. June 21,1952. 99.81 In82

91991 STEVENS, W. C., and TURNER, N. Modifications of a method of improving the steam bending properties of certain timbers. Wood [London] 17:296-299. Aug.1952. 99.82 W855

91992 TSCHERNJAKOW, K. Konstruktive und herstelltechnische forderungen im holzbearbeitungsmaschinenbau im hinblick auf die anwendung von hochleistungswerkzeugen. (Extr.) Internatl. Holzmarkt 43(12):61-62. June 21,1952. 99.81 In82

91993 WEINHOLD, W. Der schneidkeil als grundform der holzzerspanungswerkzeuge. Holz-Zentbl. 78: 1425-1426. Aug.23,1952. 99.81 H742

Seasoning, Conditioning and Finishing

91994 AUSTRALIA. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION. DIV. OF FOREST PRODUCTS. A comparison of the effect of three-shift and one-shift kiln operation on the drying time of 1 in. mixed sawn mountain ash (E. regnans), by G. S. Campbell. South Melbourne,1952. 9 p. (Its Sub-Project S. 6-5 Experiment S6-5/12) 300 Au7D

91995 COOK, F. How to operate modern dry kiln. I-II. Wood & Wood Prod. 57(8):23,46,48; (9):26,46. Aug.-Sept.1952. 99.82 W856

91996 COOK, F. Modern dry kiln operation. 1. Canad. Woodworker 52(8):33,48-49. Aug.1952. 99.82 C162

91997 EGNER, K. Neuzeitliche verfahren der holztrocknung. Holzwirt. Jahrb. 1952:187-196. 99.83 H742

91998 EISENMANN, E. Zahlentafeln für die holztrocknung in der praxis. Holz 6:118-119. (Concl.) May 1952. 99.82 H743

91999 EMEL'IANCHIKOV, A. N. Air drying of lumber under conditions of Krasnoiarsk. (In Russian.) Lesn. Promysh. 12(7):26-27. July 1952. 99.82 L56

92000 GRIFFAULT, P. Le séchage du bois à la portée des petites et moyennes industries. Bois et Scieries 58:611-612,647-649. (Concl.) May 29-June 5, 1952. 99.81 B632

92001 KEYLWERTH, R. Furniertrocknung. (Extr.) Internatl. Holzmarkt 43(12):67. June 21,1952. 99.81 In82

92002 KIEFER, O. Las caracterfsticas del nuevo sistema secador de madera basado en el vapor sobrecalentado. Rev. Forest. Chilena 2:252,254-255. Jan 1952. 99.8 R3292

92003 KIEFER, O. Ein neuer weg der hochtemperaturtrocknung. Holz 6:158-159. June 1952. 99.82 H743

92004 KÜHNE, H. Holzfeuchtigkeitsmessung. (Extr.) Internatl. Holzmarkt 43(12):65-66. June 21,1952. 99.81 In82

92005 RITTER, E. J. Anwendung neuer oberflächenschichten auf holzwerkstoffen. (Extr.) Internatl. Holzmarkt 43(12):69-70. June 21,1952. 99.81 In82

92006 SANDERMANN, W., and LÜTHGENS, M. Neue methoden der oberflächenbehandlung von holz. (Extr.) Internatl. Holzmarkt 43(12):68-69. June 21,1952. 99.81 In82

92007 STURANY, H. Die trocknung im reinen heissdampf. (Extr.) Internatl. Holzmarkt 43(12):66-67. June 21,1952. 99.81 In82

92008 WAGEMANN WIEDENBRUG, G. Secamiento artificial de la madera. Rev. Forest. Chilena 1:179-183. Nov.1951. 99.8 R3292

Wood Preservation and Damage

92009 AMOS, G. L. Silica in timbers. Austral. Commonwealth Sci. & Indus. Res. Organ. B. 267,55 p. Ref. 1952. 514 Au72B

92010 AUSTRALIA. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION. DIV. OF FOREST PRODUCTS. Impregnation of timber with silica (first report), by G. L. Amos and G. W. Tack. South Melbourne,1952. 8 p. (Its P.5-0: Progress Report 1. W. S. 3-1 : Progress Report 4) 300 Au7Ma

92011 BRONIATOWSKI, A. Quantitative bestimmung des gehaltes von P_2O_5 aus imprägnierten holzfasern. Svensk Papperstidn. 55:313-315. May 15,1952. 302.8 Sv2

English summary.

Fireproofing.

92012 CONKLIN, D. B. Sapstain development and its prevention. Timberman 53(11):88-90. Sept.1952. 99.81 T484

92013 COOK, G. V. Treated lumber. South. Lumber J. 56(9):20,99-100. Sept.1952. 99.81 So8

92014 CRALI, A. Standardization of nomenclature for wood defects. (In Italian.) Indus. del Legno 4(5):42-43. May 1952. 99.82 In2

92015 EECKHOUT, L. Orienterend onderzoek naar de eigenschappen van creosoot en zijn componenten als houtbeschuttingsmiddelen [The investigation of the wood preserving properties of creosote oil and its constituents] Rlandbhogesch. Lab. v. Houttechnol. Meded. 8,53 p. Ref. Dec.1951. 99.9 G34

English summary.

92016 ERTELD, W. Die bedeutung der blaufäule bei der kiefer und die möglichkeit ihrer verhütung. Wald 2: 155-157. May 1952. 99.8 W143

92017 NARAYANAMURTI, D., GEORGE, J., and VERMA, G. M. Studien zur biochemie holzzerstörender pilze.-Erste mitteilung: Säureproduktion der pilze. Holz als Roh- u. Werkst. 10:227-229. Ref. June 1952. 99.81 H74

92018 OHLMANN, J. Die arbeit auf dem gebiete des holzschutzes. Wald 2:157-159. May 1952. 99.8 W143

92019 PLATH, E., and SCHMIDT, H. Zur frage der termitensicherung von sperrholz. Holz als Roh- u. Werkst. 10:250-251. June 1952. 99.81 H74

92020 RENNERFELT, E. Care of lumber—more important than ever. (In Swedish.) Skogsägaren 28:3-8. Jan.1952. 99.8 Sk55

92021 SCHULZ, G. Ein mykologisches verfahren zur bewertung vorbeugender schutzmittel gegen das verblauen von kiefernholz. Angew. Bot. 26:42-54. Sept.1951. 450 An4

92022 STORCH, K. Die holzschutzmittel. Holzwirt. Jahrb. 1952:197-201. 99.83 H742

92023 THEDEN, G., ENGELBRECHT, G., and BECKER, G. Mitteilung aus dem Materialprüfungsamt Berlin-Dahlem über quecksilberchlorid als holzschutzmittel. 1-3. Holzforschung 6:1-12. Ref. 1952. 99.8 H74

English summary.

1, Über die tiefe der wirksamkeit einer holzchutzbehandlung mit quecksilberchlorid, by G. Theden; 2, Chemische verfahren zum sichtbarmachen von quecksilberchlorid im holz, by G. Theden and G. Engelbrecht; 3, Versuche über abgabe und wirkung von quecksilberchlorid in dampfform, by G. Theden and G. Becker.

FOREST PRODUCTS

92024 FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Timber statistics, including market reports for January-December, 1950 and 1951. Food & Agr. Organ. United Nations. Timber Statis. Q. B. 4(4),171 p. May 1952. 99.9 F73T

Text in English and French.

92025 GILLES, F. L'utilisation des déchets de bois. Bois et Scieries 58:612-613,807,809. (Cont.) May 29, July 24,1952. 99.81 B632

92026 HOYLE, R. J. Eastern spruce lumber and its uses. Soc. Amer. Foresters. N. Y. Sect. N. Y. Forester 11(2):8-11. May 1952. 99.9 So13N

92027 MAYER-WEGELIN, H. Verwertung und aushaltung des buchenstammholzes. Göttingen. U. Forstl. Fakul. Schrreihe. 2:28-31. 1951. 99.9 G71

92028 MULLER, J. L. Wood vs. substitutes. Wood Working Digest 54:81-84. Sept.1952. 99.82 W87

92029 SCHÖNHERR, R. Die deutsche bundesbahn am holzmarkt. Holzwirt. Jahrb. 1952:74-86. 99.83 H742

92030 WATTS, L. F. Five management problems utilization can cure. (Extr.) Wood & Wood Prod. 57(8): 24-25,40,44; (9):30,79. Aug.-Sept.1952. 99.82 W856

Lumber and Rough Products

92031 BRYAN, J. The grading of home-grown softwoods. Wood [London] 17:300-301. Aug.1952. 99.82 W855

92032 FRONIUS, K. Einsatz von gabelstaplern und elektrofahrzeugen in der holzindustrie. Holzwirt. Jahrb. 1952:152-162. 99.83 H742

92033 OSTWALD, H. Zur frage der entwicklung der fi/ta.-rundholzpreise. Holz-Zentbl. 78:1214-1215. July 17,1952. 99.81 H742

92034 PETSCH. Zur frage der stockholzgewinnung. Wald 2:251-253. Aug.1952. 99.8 W143

92035 RUSSELL, F. Die grubenholz-bedarfsdeckung, inlandaufkommen und importmöglichkeiten. Holzwirt. Jahrb. 1952:62-67. 99.83 H742

92036 SOOM, E. Rückaufwand und wegabstand beim rücken von brennholz. Schweiz. Z. f. Forstw. 103:279-287. Aug.1952. 99.8 J82

92037 U. S. FOREST SERV. CENTRAL STATES FOREST EXPERIMENT STATION. Fence posts, a potential market for Missouri pine timber, by K. L. Quigley and F. B. Clark. Jefferson City?Mo. State Div. Resources & Devlpmt.,1951. 11 p. 1 F76Fe

Building Construction

92038 ARCHIBALD, R. A survey of timber highway bridges in the United States. Civ. Engin. 22:755,843. Sept.1952. 290.8 C49

92039 BREEDVELD, G. Advantages of wood floors. (In Dutch.) Houthandel 5:155-157. July 24,1952. 99.81 H81

92040 FREAS, A. D. Laminated timber permits flexibility of design. Civ. Engin. 22:756-759. Sept.1952. 290.8 C49
In construction.

92041 GURD, J. M. The use of pressure treated woods for structural purposes. Brit. Columbia Lumberman 36(8):72-73,78-80. Aug.1952. 99.8 B77

92042 HARTL, F. Erfahrungen mit genagelten holzkonstruktionen. (Extr.) Internatl. Holzmarkt 43(12): 56-57. June 21,1952. 99.81 In82

92043 HEATHERLY, L. J. Hardwood flooring, its history and use. Forest & People 2(3):30,56-59. July 1952. 99.8 F7628

92044 HESS, R. Der dreieck-strebenbau. (Extr.) Internatl. Holzmarkt 43(12):57-58. June 21,1952. 99.81 In82

92045 KRATIROV, D. A. For a leading technology in the construction shops of [prefabricated] houses. (In Russian.) Lesn. Promysh. 12(5):25-26. May 1952. 99.82 L56

92046 MALYNICH, V. I. Utilization of third grade lumber in car construction. (In Russian.) Lesn. Promysh. 12(7):28. July 1952. 99.82 L56

92047 MELAN, E. Versuche mit holzringdübeln. (Extr.) Internatl. Holzmarkt 43(12):57. June 21,1952. 99.81 In82

92048 MOHLER. Das holz in der neuzeitlichen bautechnik. Holz-Zentbl. 78:1185-1186. July 12,1952. 99.81 H742

92049 NOORT, A. VAN. Wooden floors. (In Dutch.) Houthandel 5:157-158. July 24,1952. 99.81 H81

92050 PARKET, H. D. Wood as material for floors. (In Dutch.) Houthandel 5:159-160. July 24,1952. 99.81 H81

92051 SCHALLHART, R. Versuche mit parkettplatten. (Extr.) Internatl. Holzmarkt 43(12):70. June 21, 1952. 99.81 In82

92052 SEITZ, E. H. H. Holz im bau von tragwerken. Holzwirt. Jahrb. 1952:107-119. 99.83 H742

92053 STAP, H. Flooring for life. (In Dutch.) Houthandel 5:163-165. July 24,1952. 99.81 H81
Hardwood.

92054 U. S. FOREST SERV. FOREST PRODUCTS LABORATORY. Reports dealing with aircraft available at the Forest Products Laboratory. Rev. Madison,1951. 11 p. 1.962 F6R29

92055 VAGET, H. Verkeilung gestemmter türen und tore. Holzwirt. Jahrb. 1952:120-125. 99.83 H742

Veneers, Plywood and Adhesives

92056 BAILEY, N. Veneer and plywood, opportunities in prefab building. 23. Wood Working Digest 54:147-150. Sept.1952. 99.82 W87

92057 BARTELS, H. Gegenwartsfragen der deutschen furnierindustrie. Holzwirt. Jahrb. 1952:57-61. 99.83 H742

92058 BEHM, R. Laminated wood. South. Lumberman 185(2314):40,42. Sept.1,1952. 99.81 So82

92059 BERGIN, E. G. Glue joint failures. Canad. Woodworker 52(6):33,62,64,66. June 1952. 99.82 C162

92060 EGNER, K. Einige technologische fragen der leimung tragender holzbauteile. Holz-Zentbl. 78:1405-1406,1415-1417. Ref. Aug.21-23,1952. 99.81 H742

92061 GEFAHRT, J. Hochfrequenzerwärmung in der holzindustrie. 2. Holz 6:125-126. May 1952. 99.82 H743
In wood bonding.

92062 GEFAHRT, J. Hochfrequenzerwärmung in der holzindustrie. 3. Holz 6:142-144. June 1952. 99.82 H743

92063 GRAHAM, P. H. "Dog-bone" core construction shows promise for plywood. Veneers & Plywood 46(9):14,34-35. Sept.1952. 99.82 V55

92064 HYLER, J. E. Rigidity is essential to efficient lathe performance. Veneers & Plywood 46(9): 22,26-28. Sept.1952. 99.82 V55

92065 JOUTEL, G. G. The industry of plywood and veneer from Okoume [Aucoumea] in French Gaboon. (In Italian.) Indus. del Legno 4(4):43-44. Apr.1952. 99.82 In2

92066 KNIGHT, R. A. G. Glue testing at Risborough. (Extr.) Timber News 60:386-388. Aug.1952. 99.81 T482

92067 KOOP, H. Die holzversorgung der sperrholzindustrie. Holzwirt. Jahrb. 1952:54-56. 99.83 H742

92068 MACLEAN, H., and GARDNER, J. A. F. Bark extracts in adhesives. Pulp & Paper Mag. Canada 53(9): 111-114. Aug.1952. 302.8 P96

92069 MEYNE, J. Der englische sperrholzmarkt. Holz-Zentbl. 78:1397. Aug.19,1952. 99.81 H742

92070 MILLS, W. G. B. Progress in synthetic adhesives. Paint, Oil & Colour J. 122:464-467. (Cont.) Ref. Aug.29,1952. 306.8 O152

92071 MÖHLER, K. Ergebnisse neuerer versuche mit mehrteiligen holzdruckstäben in Karlsruhe und Stuttgart. (Extr.) Internatl. Holzmarkt 43(12):58-59. June 21,1952. 99.81 In82

92072 PERRY, T. Now there's a hard surface for fir plywood. Wood & Wood Prod. 57(9):31-32,38,40,78. Sept.1952. 99.82 W856

92073 PERRY, T. D. Types of plywood. 11. Thin plywood for aircraft. Wood Working Digest 54:135-138,140, 142,144. Sept.1952. 99.82 W87

92074 PLATH, E. Der abbindevorgang von kunstharzleimen im temperaturbereich um 100° C. (Extr.) Internatl. Holzmarkt 43(12):67-68. June 21,1952. 99.81 In82

92075 PLATH, E. Die holzverleimung. Stuttgart, Wissenschaftliche Verlagsgesellschaft,1951. 200 p. 99.79 P693

92076 RAZOUS, P. Aperçus sur les placages et les contreplaqués. Bois et Scieries 58:643-645,647,791-792. (Cont.) June 5, July 17,1952. 99.81 B632

92077 SACHT, H. J. Das furnier-messerwerk. 1. Holz 6:168-170. July 1952. 99.82 H743

92078 SELBO, M. L. Effectiveness of different conditioning schedules in reducing sunken joints in edge-glued lumber panels. Canad. Woodworker 52(6):35,52-54. June 1952. 99.82 C162

92079 SHAW, J. Not much plywood in use as late as middle nineties. Veneers & Plywood 46(9):36-38. Sept. 1952. 99.82 V55

92080 WIESEHUEGEL, E. G. Laminated lumber from low-grade hardwoods. South. Lumberman 185(2314): 49-50,52. Sept.1,1952. 99.81 So82

Furniture

92081 HOLCOMBE, R. A. Methods that control furniture panel checks. Wood & Wood Prod. 57(8):32,34, 36,39,79; (9):36. Aug.-Sept.1952. 99.82 W856

92082 HOLCOMBE, R. A. Surface checking in furniture panels. Canad. Woodworker 52(8):29,51-54,56. Aug. 1952. 99.82 C162

92083 SCOTT, M. H. Furniture timbers used in S. Africa. Timber News 60:391-392. Aug.1952. 99.81 T482

Containers

92084 FESSEL, F. Werkstoffe und arbeitsverfahren für die herstellung moderner holzfässer. Holz 6:116-118. (Cont.) May 1952. 99.82 H743

92085 FESSEL, F. Werkstoffe und arbeitsverfahren für die herstellung moderner holzfässer. Holz 6:141-142. (Concl.) June 1952. 99.82 H743

92086 GIORDANO, G. The supply of wood for containers. (In Italian.) Indus. del Legno 4(6):32-34. (Cont.) June 1952. 99.82 In2

Pulp and Paper

92087 BLANFORD, H. R. Forestry in relation to the paper and board industry. World's Paper Trade Rev. 138:815-818,823-824. Sept.11,1952. 302.8 W89

92088 CHAMPION PAPER AND FIBRE CO. 59th. annual report, fiscal year ended March 31, 1952. Hamilton,Ohio,1952. 60 p. 302.9 C35

92089 CLAAS, W. Von alten papiermühlen, konstruktion, lage und aufbau im gelände. Papier Gesch. 2:16-22. Ref. Apr.1952. 302.8 P1992

92090 COMMODITY report wood pulp. Unasylva 6: 21-28. Mar.1952. 99.8 Un1

92091 CRUIKSHANK, J. W. 1951 pulpwood production in the South. U. S. Forest Serv. Soeast. Forest Expt. Sta. Forest Survey Release 38,26 p. July 1952. 1.9622 A3F76
Southern Forest Experiment Station and Southern Pulpwood Conservation Association cooperating.

92092 EDWARDS, J., and CAMPBELL, W. B. Outstanding problems in the manufacture of groundwood pulp. Pulp & Paper Mag. Canada 53(9):88-90. Aug.1952. 302.8 P96

92093 HATA, K., and SOGO, M. Studies on the pulp of "akamatsu" (Pinus densiflora Sieb. et Zucc.) wood.. XIV. (In Japanese.) Kagawa- Ken Agr. Col. Tech. B. 3:111-118. Sept.1951. 107.6 K113
English summary.

92094 HOLZER, W. F., and BOOTH, K. G. Reactions in the kraft process. Pulp & Paper Mag. Canada 53(9): 91-94. Ref. Aug.1952. 302.8 P96

92095 HUMBLE, I. Semi-chemical pulp in USA. (In Swedish.) Svensk Papperstidn. 55:305-312. Ref. May 15,1952. 302.8 Sv2

92096 JAYME, G., and WÖRNER, G. Über den aufschluss von fichtenholz mit laugen erhöhten reduktionspotentials. Holz als Roh- u. Werkst. 10:244-249. June, 1952. 99.81 H74

92097 JAYME, G., and WÖRNER, G. Über ein neues alkalisches aufschlussverfahren von pflanzenstoffen. (Extr.) Internatl. Holzmarkt 43(12):74. June 21,1952. 99.81 In82

92098 KAJI, A., and others. On the retting of plant fiber materials (barks of mulberry tree) for Japanese paper manufacture. V-VII. (In Japanese.) Kagawa-Ken Agr. Col. Tech. B. 3:96-110. Sept.1951. 107.6 K113
M. Mino, Y. Anabuki, and H. Saito, joint authors.
English summary.

92099 KERR, E. Pulp, paper and prosperity. Forests & People 2(3):15-23. July 1952. 99.8 F7628
Louisiana.

92100 KLEINERT, T. Neue wege zur sulfitablaugenverwertung. (Extr.) Internatl. Holzmarkt 43(12):78. June 21,1952. 99.81 In82

92101 MANNBRO, N. A routine method for checking the oxidation of black liquor. (In Swedish.) Svensk Papperstidn. 55:515-517. Aug.15,1952. 302.8 Sv2
English summary.

92102 MURTO, J. O. The Finnish wood as raw material for pulp and paper. (In Finnish.) Paperi ja Puu. B 34:267-274. (Cont.) July 15,1952. 302.8 P1991

92103 NOLAN, W. J., and BROWN, W. F. Experimental development of high-speed continuous alkaline pulping. Pulp & Paper Mag. Canada 53(9):98-110. Aug. 1952. 302.8 P96

92104 PEARSON, F. Coordinating pulpwood and mill operations. Soc. Amer. Foresters. N. Y. Sect. N. Y. Forester 11(2):3-6. May 1952. 99.9 So13N

92105 PINEO, M. B. Variables in kraft pulping. South. Pulp & Paper Mfr. 15(9):52,54,56. Sept.10,1952. 302.8 So8

92106 RAZOUS, P. Exploitation forestière des bois pour pâte à papier. Bois et Scieries 58:806-807. (Cont.) July 24,1952. 99.81 B632

92107 RIVERA E., R. La industria del papel y la celulosa en la region de Concepcion. Rev. Forest Chilena 1:223-224. Dec.1951. 99.8 R3292

92108 ROBERTSON, R. B. Developing good will for the pulp and paper industry. Unit 43:32-35. July 1952. 99.9 Un34

92109 SCHÄFER, O. Faserholzverbrauch und faserholzaufkommen im bundesgebiet in den jahren vor und nach dem krieg. Holzwirt. Jahrb. 1952:69-73. 99.83 H742

92110 SCHIPPEL, W. H. Das Labrador-projekt als realität, wie steht es in wirklichkeit um die ausbeutemöglichkeiten? Holz-Zentbl. 78:1339-1340. Aug.9,1952. 99.81 H742

92111 STOCKER, F. W. Pitch difficulties encountered in the pulp mill and treatments used to overcome them. Pulp & Paper Mag. Canada 53(9):115-116. Aug.1952. 302.8 P96

92112 U. S. FOREST SERV. Wood pulp mills in the United States by State and type of product from Lockwood's Directory of the paper and allied trades, 1952 and other sources, compiled by H. B. Steer. Washington? 1952. 6 p. 1.962 F4W85

92113 WORRELL, R. H. Importance of liquid volume and liquor concentration on kraft pulping. South. Pulp & Paper Mfr. 15(9):37-38. Sept.10,1952. 302.8 So8

Chemical Products and Distillates

92114 GROCHOWSKI, W., and SUŁKOWSKI, M. Exploitation of spruce bark in wintertime. (In Polish.) Inst. Badawczy Lesn. Prace 77:25-46. 1951. 99.9 W26
Russian summary.
To extract tanning material.

92115 JAKOBSON, T. Talliöl oder flüssiges harz; eine literaturübersicht. Svensk Papperstidn. 55:460-465. July 15,1952. 302.8 Sv2

92116 JAKOBSON, T. Talliöl oder flüssiges harz; eine literaturübersicht. Svensk Papperstidn. 55:483-489. (Cont.) July 31,1952. 302.8 Sv2

92117 JONES, A. L., and FOREMAN, R. W. Liquid thermal diffusion of tall oil. Indus. & Engin. Chem. 44: 2249-2253. Sept.1952. 381 J825

92118 KNAUER, H. Fichtenlohrindengewinnung 1952. Wald 2:142-143. May 1952. 99.8 W143

92119 KRUSE, H. Hinweise für die fichtenrindengewinnung. Wald 2:168-170. June 1952. 99.8 W143
For tanning.

92120 MEYER, K. S. The utilization of forest and other wood wastes. Indian Forester 78:411-413. Aug. 1952. 99.8 In2
For charcoal and its by-products.

92121 PUTNAM, R. C. The chemistry of vegetable tannins. IV. Mangrove. Amer. Leather Chem. Assoc. J. 47:512-518. Aug.1952. 303.9 Am32

92122 SHIGEMATSU, Y. On the charcoals found in ancient tombs and remains of Hiuga Province. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:217-224. Ref. Nov.1951. 107.6 K995B
English summary.

92123 SNOW, E. A. Oak slabs and cordwood as a source of tannin and pulp. Amer. Leather Chem. Assoc. J. 47:563-577. Ref. Aug.1952. 303.9 Am32

92124 STRIKER, R. Die chemischen erzeugnisse der jugoslawischen holzindustrie. Internatl. Holzmarkt 43(14): 8-10. July 12,1952. 99.81 In82
Chiefly on tanning materials.

Naval Stores

92125 MAZEK-FIALLA, K. Die wissenschaftlichen grundlagen der harznutzung und ihre praktischen auswirkungen. Mater. Veg. 1:43-59. July 1,1952. 64.8 M41
English summary.
Austria.

92126 PARKER, E. D., and GOLDBLATT, L. A. Acid composition of gum spirits of turpentine and low wines. Indus. & Engin. Chem. 44:2211-2213. Sept.1952. 381 J825

92127 STRANGE, J. D. Use of chemical stimulation increases. AT-FA Journal 14(11):5-7. Aug.1952. 309.8 Am3
For production of gum naval stores.

92128 STRANGE, J. D. Use of naval stores conservation program increases. AT-FA Journal 15(10):8-9. July 1952. 309.8 Am3

92129 U. S. PRODUCTION AND MARKETING ADMIN. Weighted average prices of gum naval stores. Savannah, Ga.,1952. 2 p. 1.956 A2W42

Other Forest Products

92130 ALTHERR, A. Richtige und falsche verwendung von holzfaser- und spanplatten. (Extr.) Internatl. Holzmarkt 43(12):71. June 21,1952. 99.81 In82

92131 ASPLUND, G. Development and geographic location of the wallboard industry. (In Swedish.) Svensk Papperstidn. 55:505-514. Aug.15,1952. 302.8 Sv2
English summary.

92132 CALHEIROS E MENESES, J. L. The cork industry in Portugal. Unasylva 6:12-15. Mar.1952. 99.8 Un1

92133 CARNEIRO, A. E. Influence of the baking degree on the quality of corkboard. III. (In Portuguese.) Portugal. Junta Nac. da Cortica. B. 14:187-191. May 1952. 309.9 J96
English summary p. XXXVI-XXXVIII.

92134 GUGGEMOS, G. Fertigung von pressspanplatten als nebenbetrieb. Holz 6:123-125. May 1952. 99.82 H743

92135 HAFNER, T. Anwendung der hochfrequenz bei der herstellung von formteilen aus holzfaser- und holzspanmaterial. (Extr.) Internatl. Holzmarkt 43(12):71. June 21,1952. 99.81 In82

92136 HORNSMANN, E. Auch die ahnen schatzten die lärchen. Allg. Forstz. 7:340-341. Aug.6,1952. 99.8 AL52

92137 IVANOV, A. S. Wooden pipes in the construction of water supply lines. (In Russian.) Lesn. Promysh. 12(4):19-20. Apr.1952. 99.82 L56

92138 JOACHIM, H. F. Bedeutung des flechtweidenanbaus. Wald 2:101-102. Apr.1952. 99.8 W143

92139 KLAUDITZ, W. Grundlagen der festigkeits- und güteausbildung von holzspanplatten. (Extr.) Internatl. Holzmarkt 43(21):70-71. June 21,1952. 99.81 In82

92140 LÖTSCHERT, W. Korkgewinnung im Esterel. Orion 7:535-537. July 1952. 474 Or4

WOOD TECHNOLOGY

92141 AUSTRALIA. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION. DIV. OF FOREST PRODUCTS. A detailed chemical study of the water-soluble polyaldouronide from methanol-extracted E. regnans wood. I, by G. Schwerin. South Melbourne, 1951. 12 p. Ref. (Its Sub-Project C.5-4, Experiment C. 5-4/4, Progress Report No. 4) 99.79 Au7C

92142 BRUYNE, A. S. DE. Wood structure and age. Nederland. Akad. Van Wetensch. Proc. Ser. C. Biol. & Med. Sci. 55:282-286. 1952. 442.9 Am8
For wood identification purposes.

92143 FREUDENBERG, K. Die entstehung des lignins in der pflanze. (Extr.) Internatl. Holzmarkt 43(12): 72-73. June 21,1952. 99.81 In82

92144 HERBST, J. H. E. The preparation of chlorite holocellulose. Canad. J. Chem. 30:668-678. Ref. Sept. 1952. 470 C16B

92145 ISHIKAWA, H. Study on lignin; on the molecular distribution of lignin. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:267-272. Nov.1951. 107.6 K995B
English summary.

92146 IZOMBÉ [Testulea gabonensis]. Bois et Forêts des Trop. 24:256-259. July/Aug.1952. 99.8 B632

92147 KOLLMANN, F. Die holzforschung in Westdeutschland nach 1945. Holzwirt. Jahrb. 1952:163-186. Ref. 99.83 H742

92148 KRATKY, O. Vorgänge bei der deformation von zellulosegelen. (Extr.) Internatl. Holzmarkt 43(12): 73. June 21,1952. 99.81 In82

92149 KRATZL, K. Thermische behandlung des holzes mit wasser. (Extr.) Internatl. Holzmarkt 43(12):77. June 21,1952. 99.81 In82

92150 KRÖNER, K., and PUNGS, L. Zur dielektrischen anisotropie des naturholzes im grossen frequenzbereich. Holzforschung 6:13-16. 1952. 99.8 H74
English summary.

92151 LAMB, G. N. Foreign woods. Wood & Wood Prod. 57(9):16,79. Sept.1952 99.82 W856
Brya and Eschweilera species.

92152 LANG, H. Polymerisationsgrad und einheitlichkeit von holzcellulosen. (Abs.) Textil-Rundschau 7: 380. Aug.1952. 304.8 T3139

92153 PAVOLINI, T., and AVI, M. The chemistry of lignin. (In Italian.) Chimica (n.s.)7:269-276., (Cont.) July 1952. 385 C445

92154 RUNKEL, R. O. H. Chemische vorgänge bei der erhitzung von holz unter dem verkohlungspunkt. (Extr.) Internatl. Holzmarkt 43(12):74-77. June 21,1952. 99.81 In82

92155 TRIPPODO, G. American timbers: Douglas fir [Pseudotsuga taxifolia]. (In Italian.) Rass. del Mercato Internaz. del Legno 4:10-13. Jan./Feb.1952. 99.82 R18

92156 WACEK, A. Faserverfilzung und faserverklebung. (Extr.) Internatl. Holzmarkt 43(12):73-74. June 21,1952. 99.81 In82

Properties and Structure

92157 BAUMER, M. A propos des figures du bois. Bois et Forêts des Trop. 24:233-255. July/Aug.1952. 99.8 B632
English summary.

92158 CHEVEDAEV, A. A. Oak wood under varied conditions of growth. (In Russian.) Lesn. Khoz. 4(11):39-43. Nov.1951. 99.8 L5622
Technical properties.

92159 JOHNSTON, D. R. The anatomy of some species of Tabebuia. Timber News 60:382-383. (Concl.) Aug.1952. 99.81 T482

92160 KISSER, J. Makroskopische und mikroskopische strukturänderungen bei der biegebeanspruchung von holz. (Extr.) Internatl. Holzmarkt 43(12):60. June 21,1952. 99.81 In82

92161 KOLLMANN, F. Über die abhängigkeit einiger mechanischer eigenschaften der hölzer von der zeit, von kerben und von der temperatur. Zweite mitteilung: Die bedeutung von kerben für die holzfestigkeit. Holz als Roh u. Werkst. 10:239-244., Ref. June 1952. 99.81 H74

92162 KÜHNE, H. Untersuchungen über kriechvorgänge und statische dauerfestigkeit des holzes. (Extr.) Internatl. Holzmarkt 43(12):60-61. June 21,1952. 99.81 In82

92163 MATSUMOTO, T. Mechanical study on the heart wood. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:230-233. Nov.1951. 107.6 K995B
English summary.

92164 SCHISCHKA, E. Versuche über dauerfestigkeit von geleimten und genagelten trägern. (Extr.) Internatl. Holzmarkt 43(12):57. June 21,1952. 99.81 In82

92165 UYEMURA, T. A few electron micrographs of wood. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:225-229. Nov.1951. 107.6 K995B
English summary.

92166 WAGEMANN WEIDENBRUG, G. Que es la madera? Rev. Forest. Chilena 1:118-122. Sept.1951. 99.8 R3292

92167 WANGAARD, F. F., and MUSCHLER, A. F. Properties and uses of tropical woods. III. Yale U. Sch. Forestry. Trop. Woods 98,190 p. Ref. June 1,1952. 99.08 Y1Tr

92168 YAMAI, R. The mechanical model of cell wall of compression wood. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:234-237. Nov.1951. 107.6 K995B
English summary.

ANIMAL INDUSTRY

References on processing, distribution, economic aspects and statistics of livestock and livestock products are classified with Agricultural Products; references on housing of livestock with Agricultural Engineering.

BREEDS AND BREEDING

92169 CHIEFFI, A. After all, what is artificial insemination? (In Portuguese.) Gado Holandês 16(182):28. Feb.1952. 43.8 G112

92170 CRAPLET, C. Les lois de l'heredite et leurs repercussions sur l'elevage. Tech. Agr. 58/59:26-28. July/Aug.1952. 58.8 T222

92171 GILEADI, B. Is it possible and economical to breed draft animals in our settlements? (In Hebrew.) Hassadeh 32:392-394. May 1952. 26 H27

92172 JOHANSSON, K. I. Urval och korsning inom husdjursförädlingen [Selection and cross breeding of livestock]. Stockholm,Natur och Kultur, 1951. 147 p. Ref. (Natur och Kultur 162) 40 J59

92173 PAYNE, W. J. A. Breeding studies. Fiji. Dept. Agr. Agr. J. 23(1):9-13. Mar.1952. 25 F47Ag
Dairy cattle, goats, and pigs.

92174 PHILLIPS, R. Método de reproducción en el mejoramiento de la ganadería. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Agr. 42(196):35-36. Apr./June 1952. 8 R323

92175 RICE, V. A. Art and science in animal breeding. Shorthorn World 37(10):40,428-433. Aug.10,1952. 43.8 Sh8

92176 SINDELIĆ, L. The development and present status of animal breeding in Belja. (In Serbo-Croatian.) Stočarstvo 6:170-187. Apr.1952. 43.8 St6

92177 SKJERVOLD, H. Does the use of halfbreeds cause more variations in the progeny? (In Norwegian.) Buskap og Avdrått 2:34. 1952. 49 B96

92178 SMILEVSKI, S. Livestock breeding in Macedonia and its improvement. (In Serbo-Croatian.) Socijalističko Zemjodelstvo 4(3/4):27-35. Mar./Apr.1952. 280.28 So7
Yugoslavia.

92179 THERET, M. Bases génétiques de la sélection des animaux de boucherie: répartition des éléments de la carcasse. Ann. de la Nutr. et de l'Aliment. 6(3):C159-C194. Ref. 1952. 389.8 An73
Includes discussion.

92180 THOMAS, D., and ROTTMAN, W. The veterinarian and artificial breeding. Speculum 5(2):17,51,53. Winter 1952. 41.8 Sp3

FEEDS AND FEEDING

92181 AMSCHLER, L. Sollen wir rauhfutter häckseln? Tech. f. Bauern u. Gärt. Ausg. A 4:321. July 25,1952. 58.8 T223

92182 ANTIBIOTICS the good Samaritan. Farm Mangt. 1(5):8-14. July/Aug.1952. 281.8 F2225
Fed to livestock.

92183 ARCULARIUS, H. Der kalorienwert in der tierzucht und tierernährung. Deut. Landwirt. 3:384-386. July 1952. 18 D4822

92184 ARMOUR, M. L., FITCH, J. B., and SEARLES, H. R. Hay crop silage. Minn. U. Agr. Ext. Folder 157, rev.,4 p. May 1952. 275.29 M66Ex
Chiefly silage preparation.

92185 AXELSSON, J., and KIVIMÄE, A. Ensiling experiments with Ensilan, finely ground grains, and Siloferm, added to the ensiled crops. (In Swedish.) Lantbrakad. Tidskr. 91:148-157. 1952. 104 Sw3
English summary.

92186 BEEST, C. A. VAN. The silage competition in Dutch-Flanders. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:258-264. July 1952. 12 N383M

92187 BELL, J. M. New ideas in animal feeding. Saskatchewan.U. Saskatchewan Farm Week 1952:48-51. 101 Sa72

92188 BĒRZIŅŠ, M. The status and the prospects of the development of science in the field of feeding of agricultural animals. (In Latvian.) Latv. PSR Zinātņu Akad. Vest. 3:501-503. 1951. 511 R442

92189 BREIREM, K. Hay quality. (In Norwegian.) Landbrukstidende 58:605-606. July 30,1952. 11 L236

92190 CANO, A. E., and GARCIA MATA, E. Empleo del trigo en la alimentación del ganado. Asoc. Rur. del Uruguay. Rev. 79:39-40. Jan.1952. 9.9 As5

92191 CATRON, D. Recent developments in animal nutrition. Assoc. Amer. Feed Control Off. Off. P. 1952: 76-85. 389.7 As7

92192 COWAN, W. Clamp silage at £3 a ton. Dairy Farmer [Ipswich] 25(9):35. Sept.1952. 44.8 D1414

92193 CUNHA, T. J. Water in animal nutrition. Fla. Grower 6(9):12,14. Sept.1952. 80 F6622

92194 DIJKSTRA, N. D. Losses from storage of wet pulp. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:265-271. July 1952. 12 N383M
Sugar beets.

92195 DOYLE, B. K. More molasses for feeding. 2. Feedstuffs 24(36):54,56-57,60,62. Sept.6,1952. 286.81 F322

92196 ERIKSSON, S. Water content of green feed. (In Swedish.) Lantmannen 36:630. Aug.9,1952. 11 L234
Moisture in silage.

92197 FRANKE. Der nährstoffgehalt des grünlandes in Nordrhein. Grünland 1:63-64. Aug.1952. 18 G922

92198 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Die bäuerliche veredelungswirtschaft. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 28,15 p. 18 G312V
Feed relationships.

92199 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Futter und leistung; keine futternot im sommer! Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 18,8 p. May/June 1951. 18 G312V

92200 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Kartoffeln einsäuern, aber wie? Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 22,15 p. 1951. 18 G312V

92201 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Richtig füttern! Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 2,35 p. Jan.1951. 18 G312V

92202 GREGORY, H. C. Science and grass. Seed Trade Rev. 4:191-192. July 1952. 61.8 Se32
Grazing.

92203 HEINISCH, O. Der futterwert der zuckerrübenpflanze und ihrer abfallprodukte. Z. f. die Zuckerindus. 2:81-83. Ref. Mar.20,1952. 65.8 D48

92204 HENRICI, M. Karroid and karoo veld as nutrition to farm animals. Mater. Veg. 1:5-16. July 1, 1952. 64.8 M41

92205 HOUT, A. VAN. Water for smallstock. (In Flemish.) Cult. en Handel 18:469-470. Aug.1952. 80 C892

92206 HVIDSTEN, H., and SIMONSEN, H. Investigations on Beckmann treatment of unchopped straw. (In Norwegian.) Tidsskr. f. det Norske Landbr. 59:85-93. Mar./Apr.1952. 11 T433
English summary.

92207 HYLAND, M. L. Beet tops and wet pulp ensilage. Beet Grower 6:66-69. July 1952. 66.8 B392

92208 KADIĆ, M. Zoohygiene and food base from pastures and grasslands. (In Serbo-Croatian.) Stočarstvo 6:188-189. Apr.1952. 43.8 St6

92209 KELLER. Die bedeutung der mineralstoffe für unsere landwirtschaftl. nutztiere. Grünland 1:61-63. Aug.1952. 18 G922

92210 KOREPANOV, P. D. Our experiments in forage ensiling. (In Russian.) Kormovaîa Baza 3(5):58-60. May 1952. 60.8 K84

92211 KULESHOV, N. N. Utilization of threshing floor waste products [straw and chaff] and corn for feed. (In Russian.) Kormovaîa Baza 3(7):44-46. July 1952. 60.8 K84

92212 KVAKAN, P. The problem of fodder production in Croatian Peoples Republic. (In Serbo-Croatian.) Stočarstvo 6:267-276. June 1952. 43.8 St6

92213 LADRAT. L'alimentation des jeunes animaux et leur avenir zootechnique. Cahiers de Méd. Vét. 21:97-99. July/Aug.1952. 41.8 C11

92214 LAING, W. I. Animal nutrition. Fiji. Dept. Agr. Agr. J. 23(1):13-17. Mar.1952. 25 F47Ag

92215 MACEWAN, G. They're talking about silage. Canad. Cattlemen 15(9):24. Sept.1952. 49 C16

92216 MELVILLE, J. Up-to-date silage-making methods. (Sum.) New Zeal. Dairy Exporter 28(2):12-14, 16-17,19. Aug.1952. 44.8 N484

92217 MENARD, C. Les provendes médicamenteuses. Mouton 7:51-52. May 1952. 45.8 M86
Vitamins, etc.

92218 MOORE, L. A., and SHEPHERD, J. B. Comparative efficiency of various methods of harvesting and preserving forages. U. S. Bur. Dairy Indus. BDI-Inf-142,10 p. Aug.1952. 1.973 D4B34

92219 MUCK, O. On the question of the search for fodder. (In Serbo-Croatian.) Stočarstvo 6:283-285. June 1952. 43.8 St6

92220 NASCIMENTO, C. B. Importance of water in animal health. (In Portuguese.) Lav. Arroz. 6(65): 29-30. May 1952. 59.8 L39

92221 O'CONNELL, J. J. Grass silage. Tex. Livestock J. 11(8):70,72. Aug.15,1952. 49 T29

92222 ØDELIEN, M. The leaf percentage of timothy as related to the nutritive value of hay. (In Norwegian.) Tidsskr. f. det Norske Landbr. 59:76-84. Mar./Apr. 1952. 11 T433
English summary.

92223 SCHUMACHER, A. E. How fats are used in animal nutrition. Natl. Chinchilla Breeder 8(7):14,17,25-29. Sept.1952. 412.628 N21

92224 SHEPHERD, J. B. Making and feeding trench and stack silage. Jersey B. 71:1262-1363,1294-1298. Sept.10,1952. 43.8 J48

92225 STRIŽIĆ, M. The problem of our fodder base. (In Serbo-Croatian.) Stočarstvo 6:224-230. May 1952. 43.8 St6

92226 STRIŽIC, M. A valuable unit; its character and economic significance. (In Serbo-Croatian.) Stocarstvo 6:241-254. June 1952. 43.8 St6
French summary.
A system for obtaining food value of forage plants.

92227 SUTOH, H. On making silage of wild plants and waste farm products. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:185-189. Nov.1951. 107.6 K995B
English summary.

92228 SWANSON, A. F. Making pellets of forage sorghum. Tex. Livestock J. 11(8):8,24,26. Aug.15,1952. 49 T29

92229 TIEWS, J. Versuche über den einfluss der künstlichen trocknung auf oxydationsempfindliche pflanzeninhaltsstoffe (carotin) einiger grünfutterarten. Grünland 1:17-18. Mar.1952. 18 G922

92230 TIQUET-REMONT, R. La production et la conservation des fourrages aux U.S.A. Rev. de l'Elevage 7:374-377. June/July 1952. 49 B462

92231 TUREK, F. Das nährstoffverhältnis. Bauer 5(27):3-5. Aug.9,1952. 19 B32
Livestock feeding in Austria.

92232 USUELLI, F., and PIANA, G. Research and observations on the use of vitamins for livestock. (In Italian.) B. dell'Agr. 86(32):1-2. (Cont.) Aug.8,1952. 16 B87

92233 VAN VLACK, C. H., and BEERY, E. How to make ear-corn, shelled-corn silage. Successful Farming 50(9):102,104-105. Sept.1952. 6 Su12

92234 VAN VUREN, J. P. J. Potato silage; the feeding of potatoes to livestock. Farming So. Africa. 27:317-321. June 1952. 24 So842

92235 VAZQUEZ, E. A. Carne y leche de la caña de azucar. Asoc. de Téc. Azucareros de Cuba. B. Ofic. 11: 145-148,187-194,225-230. May-July 1952. 65.9 As5B
Feed from sugarcane waste.

92236 VOROTILOV, M. A. Vitamin A value in feeds of the South East. (In Russian.) Kormovaîa Baza 3(5):48-50. May 1952. 60.8 K84

92237 WAKELAM, J. A. Micro-organisms and nutrition. Mfg. Chem. 23:317-318,322. Aug.1952. 396.8 M31
Yeasts and vitamins in livestock nutrition.

92238 WHISLER, P. A. Grass silage, experimental work in USA by Allis-Chalmers from 1942 to 1951. Power Farming Austral. & New Zeal. 61(7):49,51,53. July 1952. 58.8 P87

92239 WILCOX, E. B., and others. Meat quality and dressing percentage increased by feeding sugar to livestock prior to slaughter. Farm & Home Sci. [Utah Sta.] 13:32-33,47. June 1952. 100 Ut1F
D. A. Greenwood, L. S. Galloway, M. B. Merkley, W. Binns, J. A. Bennett, and L. E. Harris, joint authors.

92240 WOHLBIER-HOHENHEIM. Die aufgaben der tierernährungslehre. In Landwirtschaftliche Forschung. Forschung für die praxis und mit der praxis, p.24-34. Darmstadt, Justus von Liebig Verlag, 1951. 395 L23

VETERINARY MEDICINE

92241 ALEEV, A. M. Four stomachs of ruminants (Roentgenological analysis). (In Russian.) Dnepropetrovsk. Sel'skokhoz. Inst. Trudy 4:93-113. 1951. 105 D643

92242 AUTHEVILLE, P. D'. Au sujet de l'emploi de quelques médicaments allemands. Rev. Vét. Mil. 6:163-172. 1951. 41.8 R3295

92243 BAGEDDA, G. Ovariectomy or ovario-historectomy? (In Italian.) Croce Azzurra 3(2):33-38. Mar./Apr.1952. 41.8 C87

92244 BALOMENOS, P. Fenomènes allergique chez les animaux. (In Greek.) Hellen. Kteniatrikes Hetaireias. Delt. Ser. B 3.126-131. July/Sept.1951. 41.9 So18

92245 BECKER, L. R. Senior-junior partnerships in veterinary practice. Soeast. Vet. 3(2):20-23. Winter 1952. 41.8 Un32

92246 BEIJERS, J. A. Lead poisoning. (In Dutch.) Tijdschr. v. Diergeneesk. 77:587-605. Aug.15,1952. 41.8 T431
English summary.
Livestock.

92247 BELLOCQ, P. Les propriétés antiseptiques de l'oxyde d'éthyléne gazeux. Rev. Vét. Mil. 6:26-40. Ref. 1951. 41.8 R3295

92248 BERGSMA, D. The veterinarian's responsibility in civil defense. Amer. J. Pub. Health 42:1095-1098. Sept.1952. 449.9 Am3J

92249 BLANCHARD, L. Le syndrome général d'adaptation,les maladies de l'adaptation. Encyc. Vét Période. 9:7-11. Ref. July/Aug.1952. 41.8 En1

92250 BLENDINGER, W. Die naht des bauchfells. Tierärztl. Umschau 7:278-279. Aug.1952. 41.8 T445

92251 BOGOR. VEEARTSENIJKUNDIG INSTITUUT. Annual report of the Veterinary Institute at Bogor for the year 1949. (In Dutch.) Hemera Zoa 58:699-728. Dec. 1951. 41.8 V51

92252 BOHL, E. H. Leptospiral diseases of animals. Speculum 5(3):22-23. Spring 1952. 41.8 Sp3

92253 BOHL, E. H. Leptospirosis. Speculum 5(2):6, 49. Winter 1952. 41.8 Sp3

92254 BORAY, J. The progress of helminthology in the U.S.S.R. (In Hungarian.) Magyar Allat. Lapja 7:101-103. Apr.15,1952. 41.8 V644

92255 BOSE, A. N., and ROY, N. K. Progress of Plasmodium gallinaceum infection in fowls. J. Sci. & Indus. Res. 11B:256-258. June 1952. 475 J82

92256 BRION, A. Une année pluvieuse est toujours dangéreuse. Rev. de l'Elevage 7:298-299. May 1952. 49 B462
Effects on livestock diseases.

92257 BRIQUET JUNIOR, R. Hypothetical hormones. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:81-84. 1951. 41.8 V6435

92258 BRUGGEMANN, J., and BRONSCH, K. Modellversuche zur verwendung von adsorptionsmitteln in der tiermedizin. Monatsh. f. Prakt. Tierheilk. 4:246-258. 1952. 41.8 M74

92259 BRÜGGEMANN, K. Tierärztliche lebensmittelüberwachung heute, ihre probleme und aufgaben. Lebensmitteltierarzt 3:68-69. (Cont.) July 1952. 41.8 L49

92260 BRUNI, A. C., and ZIMMERL, U. Anatomia degli animali domestici [Anatomy of domestic animals]. Ed. 2. Milano,Vallardi,1951. 2 v. 444 B834

92261 BUCK, J. Die maul- und klauenseuche 1951/52 in Bayern. Bayern in Zahlen 6:249-251. July 1952. 265 B34

92262 BURRISS, J. T. The Ohio State Veterinary Medical Association. Speculum 5(3):3,39. Spring 1952. 41.8 Sp3

92263 CAMARGO, F., and others. La estomatitis vesiculosa. Su importancia en el problema de erradicación de la fiebre aftosa. Inst. de la Fiebre Aftosa. B. Inform. 12:7-26. May 1952. 41.9 C172
C. Ruiz Martinez, A. Tellez Girón, and V. Zavagli, joint authors.

92264 CANTERBURY AGRICULTURAL COLLEGE. VETERINARY DEPT. Foot and mouth disease. Canterbury Chamber Com. Agr. B. 274,3 p. May 1952. 23 C162

92265 CASSAMAGNAGHI, A. La erradicación de la aftosa en México. Uruguay. Dir. de Ganad. B. Mens. 33: 6-25. Jan./Mar.1952. 41.9 Ur8

92266 CASSAMAGNAGHI, A., HIJO, and others. La toxoplasmosis, su incorporación en la patología uruguaya. Uruguay. Dir. de Ganad. B. Mens. 33:34-38. Jan./Mar.1952. 41.9 Ur8
A. Bianchi Bazerque, R. Scelza, and E. H. Ferrando, joint authors.

92267 CIEŚLA, E. Sarcosporidiosis of slaughterous animals. (In Polish.) Lublin. U. M. Curie-Sklodowska Ann. Sect. DD 6:193-215. Ref. 1951. 512 L96Ad
English summary.

92268 CLARK, R., and WEISS, K. E. Factors contributing towards bloat in ruminants. So. African Vet. Med. Assoc. J. 23:103-106. June 1952. 41.8 So8

92269 CRAM, J. S. Outbreak afterthoughts; from Canada's first experience with foot-and-mouth disease we can plan better methods for combatting such outbreaks. Family Herald & Wk. Star 83(34):4,15. Aug.21,1952. 7 F21

92270 DALLING, SIR T. Possible future developments. Vet. Rec. 64:507-509. Aug.30,1952. 41.8 V641
In veterinary medicine.

92271 DAVIDSON, H. R. How Denmark fights foot-and-mouth. Farmer & Stock-Breeder 66(3278):52-53,55. Aug.19,1952. 10 F228

92272 DOCTON, F. L. The collection, preservation, packing and shipping of specimens for clinical pathologic examination. Speculum 5(2):7. Winter 1952. 41.8 S13

92273 DYER, I. A. Cottonseed meal toxicity. Soeast. Vet. 3(2):14. Winter 1952. 41.8 Un32

92274 ELAUT, L. J. J. P. Vilain XIII and rinderpest of 1769. (In Flemish.) Vlaams Diergeneesk. Tijdschr. 21:124-132. June 1952. 41.8 V84

92275 ESSERT, Z. Le charbon bactéridien constaté dans la Rép. du Monténégro de 1946 à 1950. (In Serbo-Croatian.) Vet. Glasnik 6:190-198. Mar.1952. 41.8 J93

92276 FAUSTINI, R., and ZAVAGLIO, V. "In vitro" action of a gonacrine mixture (3-6-diamino-10-methylacridine (60%) and 3-6-diaminoacridine (40%)), of ether of 2-4-diguanidinphenyl-lauryl-dihydrochlorate and their compounds on "Trichomonas fetus." (In Italian.) Arch. Vet. Ital. 3:45-52. Feb.28,1952. 41.8 Ar25
English summary.

92277 FAUSTINI, R., and ZAVAGLIO, V. "In vitro" action of chloramphenicol, 4-4 -diaminodiphenylsulfone, 2-methyl-1-4-naphthoquinone and their respective compounds on Brucella melitensis and B. abortus. (In Italian. Arch. Vet. Ital. 3:33-44. Ref. Feb.28,1952. 41.8 Ar25
English summary.

92278 FAVIER, PÈRE. La fièvre aphteuse; peut-elle vaincue par un "équilibre minéral?" Agr. Prat. 116: 396. Aug.1952. 14 J82

92279 FOGEDBY, E. G., and others. Influence of various amounts of aluminum hydroxide on the immunity produced by foot-and-mouth disease vaccine. Nord. Vet-med. 4:745-754. Ref. Aug.1952. 41.8 N813
W. A. Malmquist, O. L. Osteen, and M. L. Johnson, joint authors.

92280 FORUM discussion: current problems in veterinary medicine. Iowa Vet. 23(5):9-13,24-26,28,30,32,34 34. Sept./Oct.1952. 41.8 Io9
F. S. Sharp, leader.

92281 FRASER, A. Foot-and-mouth control. Young Farmer 20:235-236. July/Aug.1952. 10 Y8

92282 GALASSI, D. Antibiotic therapy is not always harmless. (In Italian.) Croce Azzurra 3(2):3-6. Ref. Mar./Apr.1952. 41.8 C87

92283 GARCIA ALFONSO, C. Tratado de obstetricia veterinaria. Ed. 3. Madrid,Biosca,1951. 748 p. Ref. 41 G163

92284 GRAY, F. V., and PILGRIM, A. F. Origins of the volatile fatty acids in the rumen. Nature [London] 170:375-376. Aug.30,1952. 472 N21

92285 GT. BRIT. AGRICULTURAL RESEARCH COUNCIL. Report: foot-and-mouth disease research at Pirbright. Vet. Rec. 64:518-521. Aug.30,1952. 41.8 V641

92286 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. COMMITTEE ON LICENCES. Report of the Committee on Licences under Section 7 of the Veterinary Surgeons Act, 1948. Vet. Rec. 64:496-503. Aug.23,1952. 41.8 V641

92287 GREEN, L. E. Blood and plasma bank--intramedullary transfusion. Speculum 5(3):16-17. Spring 1952. 41.8 Sp3

92288 GYARMATI, E. Renal excretion in veterinary diagnostics. (In Hungarian.) Magyar Állat. Lapja 7:119-122. Apr.15,1952. 41.8 V644

92289 HAUPT, H. Gibt es eine immunitätsanergie? Monatsh. f. Prakt. Tierheilk. 4:265-267. 1952. 41.8 M74

92290 HAUSMANN, W. Das trichinoskop--ein hilfsmittel für massen-schnellagglutinationen. Monatsh. f. Vetmed. 7:274. July 15,1952. 41.8 M742

92291 HENAFF. Dessiccation des produits biologiques par sublimation de la glace. Cahiers de Méd. Vét. 21:99. July/Aug.1952. 41.8 C11

92292 HOITINK, A. W. J. H. The Institute of Physiology at Bogor. (In Dutch.) Hemera Zoa 58:515-522. Sept.1951. 41.8 V51
English summary.

92293 HOLLÓ, F. The relation of veterinary hygiene to animal husbandry in the U.S.S.R. (In Hungarian.) Magyar Állat. Lapja 7:104-105. Apr.15,1952. 41.8 V644

92294 INNES, J. R. M. Tumors of the testis. No. Amer. Vet. 33:623-625. Sept.1952. 41.8 N812

92295 INSTITUTE OF MEDICAL AND VETERINARY SCIENCE. Thirteenth annual report of the council, July 1950-June 1951. Adelaide, 1952? 49 p. 448.9 In76

92296 JAPAN. MINISTRY OF AGRICULTURE AND FORESTRY. BUR. OF ANIMAL INDUSTRY. The 18th statistics of animal hygiene. n.p.,1951. 88 p. 41.9 J274A

92297 JONES, T. C. Foot-and-mouth disease in Western Germany during 1951. Mil. Surg. 3:180-184. Sept.1952. 448.8 M59
From Medical Bulletin of the European Command.

92298 KADIĆ, M. Where do all the veterianrians work? (In Serbo-Croatian.) Stočarstvo 6:189-191. Apr.1952. 43.8 St6

92299 KAMETAKA, M., and HORIKAWA, H. Studies on the artificial digestion assay: on the power of the crude pepsin powder in the domestic animal examined by a one-dimensional diffusion method. Tohoku J. Agr. Res. 2(2):19-24. Mar.1952. 22.5 T574

92300 KOCH, W. Neue anwendungsgebiete der östrogenen hormone in tierzucht und veterinärmedizin. Fortpflanzung u. Besamung der Haustiere 1:33. Dec.15, 1951. 41.8 F773

92301 KOTLAN, S. What does Hungarian veterinary science owe to the visit of Professor K. I. Skriabin? (In Hungarian.) Magyar Allat. Lapja 7:99-101. Apr.15,1952. 41.8 V644

92302 LABORATOIRE CENTRAL DE L'ÉLEVAGE DE DAKAR. Le Laboratoire--son fonctionnement en 1951. French West Africa. Insp. Gén. de l'Elevage. B. des Serv. de l'Elevage et des Indus. Anim. 5:57-76. Jan./Mar.1952. 41.9 F88B

92303 LABRIEGO, J. La sangria de los animales. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Agr. 42(196):31-32. Apr./June 1952. 8 R323

92304 LAFENETRE. La prophylaxie des brucelloses en France. Cahiers de Méd. Vét. 21:102-103. July/Aug. 1952. 41.8 C11

92305 LANFRANCHI, A. On foot-and-mouth disease. (In Italian.) Allevatore 8(29):1,4. July 1952. 49 AL55

92306 LARSEN, S. Climatic conditions in the stable and the significance of the elements to the biology of domestic animals. (In Danish.) Nord. Vetmed. 4:780-793. Aug.1952. 41.8 N813
English summary.

92307 LELEU, R. Fievre aphteuse; considérations générales. Paysan d'Ille-et-Vilaine 5(102):1. Aug.1, 1952. 14 P293

92308 LEMBACH, K., and SCHRODER, E. Zur blutgruppen- und faktorenforschung in der veterinärmedizin. Monatsh. f. Prakt. Tierheilk. 4:241-246. 1952. 41.8 M74

92309 LOBO, B. A. Guide to the study of descriptive embryology of mammals. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:5-49. 1951. 41.8 V6435

92310 LOMBARD. La conduite du vétérinaire-hygiéniste dans les abatages d'urgence. Cahiers de Méd. Vét. 21:101-102. July/Aug.1952. 41.8 C11

92311 LOMBARD, C. M., and LOMBARD, L. S. Veterinary practice in France in 1829. Amer. Vet. Med. Assoc. J. 121:183-184. Sept.1952. 41.8 Am3

92312 LORKIEWICZ, Z. Typing of Bacteria coli by means of bacteriophages. (In Polish.) Lublin. U. M. Curie-Skłodowska Ann. Sect. DD 6:225-261. Ref. 1951. 512 L96Ad
English summary.
From livestock.

92313 LÜTJE, F. Uber die salmonellose unserer schlachttiere. Tierärztl. Umschau 7:279-282. (Cont.) Aug.1952. 41.8 T445

92314 MCCANN, P. J. Tuberculosis of farm animals. New Zeal. J. Agr. 85(1):8-9,11,13-16. July 15,1952. 23 N48J

92315 MACEWAN, G. The problem of stink weed and other harmful feeds. Canad. Cattlemen 15(9):18-19. Sept.1952. 49 C16

92316 MACKENZIE, W. A. What's in a name. So-east. Vet. 3(3):9,27. Spring 1952. 41.8 Un32
Diagnosis of disease, especially distemper.

92317 MAKASSAR. VEEARTSENIKUNDIG LABORATORIUM. Annual report of the Veterinary Laboratory at Makassar. (In Dutch.) Hemera Zoa 58:561-565. Oct. 1951. 41.8 V51

92318 MAXSON, M. Pakistan Veterinary College. Speculum 5(2):23,56. Winter 1952. 41.8 Sp3

92319 MENDLOWSKI, B., and PATTON, W. H. The present outbreak of anthrax in Wisconsin. Vet. Sci. News 6(2):11-13. July 15,1952. 41.8 V6492

92320 MERIEUX, C. Le vaccin antiaphteux. Téhran. U. Facul. Med. Vét. Rev. 12(3):3-8. 1951. 41.9 T23

92321 MEYN, A. Versuche und erfahrungen mit gebrauchsfertigen nährböden in der kulturellen tuberkulosediagnostik. Monatsh. f. Prakt. Tierheilk. 4:273-288. Ref. 1952. 41.8 M74

92322 MISSFELDT. Tierseuchenabwehr im grenzland. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.84-86. Kiel,1951. 33.27 Sch34

92323 MORNET, P. La tuberculose animale en Afrique Occidentale Française. French West Africa. Insp. Gén. de l'Elevage. B. des Serv. de l'Elevage et des Indus. Anim. 5:7-23. Jan./Mar.1952. 41.9 F88B

92324 MOUSSATCHÉ, I. Prevention of deficiency diseases. (In Portuguese.) Gado Holandês 16(182):34. Feb.1952. 43.8 G112

92325 NAGEL. Tuberkulose-tagung in Baden-Baden am 14.6.1952. Monatsh. f. Prakt. Tierheilk. 4:308-309. 1952. 41.8 M74

92326 NEW YORK STATE VETERINARY COLLEGE. Report for the year 1949-1950. Geneva,1951. 281 p. 41.9 N482R

92327 NORDFELDT, S., and others. Feeding tests with Indigofera endecaphylla Jacq. (creeping indigo) and some observations on its poisonous effects on domestic animals. Hawaii. Agr. Expt. Sta. Tech. B. 15,23 p. Ref. July 1952. 100 H313T
L. A. Henke, K. Morita, H. Matsumoto, M. Takahashi, O. R. Younge, E. H. Willers, and R. F. Cross, joint authors.

92328 NORDIO, C. B. On the anemia-causing action of feeding onions (Allium cepa). (In Italian.) Biol. Latina 5:29-59. Jan.1952. 442.8 B5226
English summary.

92329 NORDIS, S. DE. Observations on the presence and distribution of muscular and elastic fibers in the ovaries of domestic animals--considerations on their contribution to the mechanism of ovulation. (In Italian.) Arch. Vet. Ital. 3:1-12. Ref. Feb.28,1952. 41.8 Ar25

92330 NOVELLI, R. Anatomical terminology. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:67-74. 1951. 41.8 V6435

92331 OLIVA, O. The Galli-Mainini test with [serum] from female donkeys on Rana esculenta treated with hyaluronidase. (In Italian.) Arch. Vet. Ital. 3:23-26. Feb.28,1952. 41.8 Ar25
English summary.

92332 O'MOORE, L. B. Problems in animal health associated with mineral imbalance in grazing herbage. Vet. Rec. 64:475-480. Ref. Aug.16,1952. 41.8 V641
Deficiency diseases.

92333 PENHA, A. M. Which of these diseases does the most damage? (In Portuguese.) Rev. dos Criadores 23(5):57-58. May 1952. 43.8 R32
Table of diseases of different animals.

92334 PÉNZVÁLTÓ, I. The work of the ambulatory clinic in Nyiregyhaza during 1951. (In Hungarian.) Magyar Allat. Lapja 7:126-127. Apr.15,1952. 41.8 V644

92335 PEREZ C., E. Breves instrucciones para el envío de materiales al Laboratorio de Patología Animal. Suelo Tico 5:306-312. Ref. May/Dec.1951. 8 Su2

92336 PIGOURY, L. Le laboratoire mobile du Service Vétérinaire de l'Armée. Rev. Vét. Mil. 6:1-9. 1951. 41.8 R3295

92337 RAO, N. S. K., and KRISHNAMURTHY, H. V. Note on Bhaduri's test for pregnancy in farm animals. Cur. Sci. 21:196-197. July 1952. 475 Sci23

92338 RAY, S. N. Indian Veterinary Research Institute. Indian Farming 12:36-38. Jan./Feb.1951. 22 In283

92339 RICE, W. M. Surgery: wound healing as related to size of catgut. Fort Dodge Bio-chem. Rev. 22(4): 3,29-30. Third Q.1952. 41.8 F772

92340 ROF CODINA, J. La glosopeda en Galicia. Cult. Mod. 35:250. July 1952. 15 C89

92341 ROF CODINA, J. El tratamiento de la glosopeda (fiebre aftosa) por la miel o sus elementos antisépticos similares. Ceres [Valladolid] 17(194):27. Aug.1, 1952. 15 C33

92342 SANABIA ORTEGA, A. Aislamiento y clasificación de un anaerobio del género "clostridium" en la República Dominicana. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Agr. 42(196):25-30. Apr./June 1952. 8 R323
Causing disease in man and animals.

92343 SCHMIDT-TREPTOW, W. A. Behandlungsversuche mit "Truw"-präparaten in der kleintierpraxis. Tierärztl. Umschau 7:240-241. July 1952. 41.8 T445

92344 SHAPIRO, A. ÍA. Veterinarnyi entsiklopedicheskiĭ slovar' [Veterinary encyclopedic dictionary], v. 2. Moskva,Gos. Izd-vo Selkhoz Lit-ry,1951. 695 p. 41 Sh23V

92345 SHNEL', K. N. First conference of learned zootechnicians and veterinary doctors of MZVI and MVA [Moscow Zoo-Veterinary Institute and Moscow Veterinary Academy]. (In Russian.) Konevodstvo 22(5):44-45. May 1952. 42.8 K832

92346 SHOHO, C. The pathology of setariasis in Japan and its significance in veterinary and medical science. Jap. J. Expt. Med. 21:449-462. Ref. Dec.1951. 448.8 J272

92347 SKJERVEN, O. Synthetic estrogens in veterinary medicine. I. (In Norwegian.) Nord. Vetmed. 4:794-799. Ref. Aug.1952. 41.8 N813
English summary.

92348 SOLANO, A., RIVERA, E., and ROBERT, A. La fiebre aftosa. Costa Rica. Min. de Agr. e Indus. Secc. de P. y Bibliot. B. Téc. 4,22 p. 1951. 8 C827

92349 STARR, L. E. Where are we and where are we going with rabies? Soeast. Vet. 3(2):9,13. Winter 1952. 41.8 Un32
Georgia.

92350 STRONG, W. M. County agent versus veterinarian. Soeast. Vet. 3(2):10,18. Winter 1952. 41.8 Un32

92351 TANDA, S. Research on behavior of connective tissue of the gallbladder in domestic and wild animals. (In Italian.) Clin. Vet. 75:175-181. Ref. June 1952. 41.8 C61

92352 TEUSCHER, R. Rapidorm, ein praxisreifes betäubungsmittel für einhufer schweine und hunde? Tierärztl. Umschau 7:282-284. Ref. Aug.1952. 41.8 T445

92353 VELU, H. Antibiotiques et pathologie comparée. Rev. de Path. Compar. 52:378-382. May 1952. 448.8 R326
Includes domestic animals.
Includes discussion.

92354 VERCRUYSSE, R. The liver fluke problem and its control. (In Flemish.) Vlaams Diergeneesk. Tijdschr. 21:117-123. June 1952. 41.8 V84
English summary.

92355 VIĆENTIJEVIĆ, Č. Diagnostic de la brucellose avec la méthode classique d'agglutination. (In Serbo-Croatian.) Vet. Glasnik 6:79-94. Ref. Feb.1952. 41.8 J93

92356 VILLENEUVE, P. Des centaines d'animaux meurent d'empoisonnement. B. des Agr. 34(8):52. Aug. 1952. 7 B872

92357 VUILLAUME, R. Orientation professionnelle et réforme de l'enseignement. Synd. Natl. des Vét. B. 31:59-64. Jan./Feb.1952. 41.9 Sy7

92358 WESTERLUND, A. Features of the physiology of the rumen. (In Swedish.) Ladugården 7:203-205. July 1952. 44.8 L12

92359 WHITLOCK, R. Foot-and-mouth survey:II. One country [Switzerland] keeps the disease at bay on the Continent; it may provide Britain with a better method. Field 200:261-262. Aug.16,1952. 10 F45

92360 WINTERHALTER, M. Contribution à la connaissance de l'empoisonnement des animaux avec le tetrachlorure de carbone. (In Serbo-Croatian.) Vet. Glasnik 6:69-78. Feb.1952. 41.8 J93

92361 ZABLINSKY, K. Schwefelwasserstoff in getrockneten schnitzeln. Z. f. die Zuckerindus. 1:37-40. Sept.20,1951. 65.8 D48
Injurious to livestock.

92362 ZIJL, W. J. VAN. Ventricular atrium circulatory disturbances in horse, cattle and dog. (In Dutch.) Tijdschr. v. Diergeneesk. 77:536-541. July 15,1952. 41.8 T431
English summary.

92363 ZUMPT, F. Das afrikanische wild in der seuchenbekämpfung. Z. f. Hyg. Zool. u. Schädlingsbekämpf. 39:290-296. Oct./Dec.1951. 449.8 Z36

MISCELLANEOUS

92364 ALVES, N. G. A brief history of livestock in Brazil. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:51-58. 1951. 41.8 V6435

92365 BIANCA, W. Die akklimatisation von haustieren. Landwirt. Jahrb. der Schweiz (n.s.)1:279-305. Ref. 1952. 17 L23

92366 BRION, A. La réglementation des abattages d'urgence. Rev. de l'Elevage 7:448-449. Aug./Sept.1952. 49 B462

92367 CHIEFFI, A. Impressions of a journey to Holland. (In Portuguese.) Gado Holandês 16(182):9-12. (Cont.) Feb.1952. 43.8 G112

92368 DENMARK. LANDØKONOMISK FORSOGSLABORATORIUM. Oversigt over Landøkonomisk Forsøgslaboratoriums arbejder i året 1950—51 [Survey of the activities of the Farm Economic Research Laboratory during the year 1950–51]. Kobenhavn,1951. 114 p. 49.9 D41
Livestock research.

92369 DRAKIN, L. I. Nauchnye metody vyrashchivaniîa molodniàka sel'skokhozîaĭstvennykh zhivotnykh [Scientific methods of raising young farm animals]. Moskva,"Znanie,"1952. 29 p. 40 D782

92370 HARVEY, C. Animal production in Fiji. Fiji. Dept. Agr. Agr. J. 23(1):6. Mar.1952. 25 F47Ag

92371 JOHANSSON, I. The International Livestock Congress. (In Swedish.) Lantmannen 36:629, 634. Aug. 9,1952. 11 L234

92372 LAING, W. I. Livestock management. Fiji. Dept. Agr. Agr. J. 23(1):20-21. Mar.1952. 25 F47Ag

92373 LANDON, C. R. Predator control in Texas. Sheep & Goat Raiser 32(11):12-13,15. Aug.1952. 45.8 Sh3
Use of Coyote Getters.

92374 LEROY, A. La production animale tunisienne et son amélioration dans l'avenir. B. Econ. et Social de la Tunisie 66:21-26. July 1952. 280.8 B874

92375 MCNAIR, J. Livestock overseas. 4-5. Livestock Wk. 6(39):12-13,45; (43):16,93. July 31, Aug.28, 1952. 49 L753
4, Morocco; 5, The Hereford at home.

92376 MACOS, A. La Station Zootechnique de Caracabey (Turquie). (In Greek.) Hellen. Kteniatrikés Hetaireias. Delt. Ser. B 4:174-183. Oct./Dec.1951. 41.9 So18

92377 PAYNE, W. J. A. Agricultural Station, Sigatoka; a review of activities. Fiji. Dept. Agr. Agr. J. 23(1):7. Mar.1952. 25 F47Ag
Animal production.

92378 PINZON, E. Las sombras y el ganado. Holstein Colomb. 6(42):14-16. June 1952. 43.8 H744

92379 DER VI. Internationale Tierzuchtkongress in Kopenhagen. Tierzüchter 4:377-389. Aug.5,1952. 49 T445
Includes summaries of speeches.

92380 SHIN chikusan hoten (A new handbook of livestock raising). Tokyo,Nogyo Hotensha,1952. 704 p. 40 Sh63

92381 THOMSEN, C. The VIth International Livestock Congress. (In Danish.) Dansk Landbr. 71:371-374. July 31, 1952. 280.28 V91

92382 VON STEINEN, R., and VON STEINEN, MRS. R. How you can help your livestock photographer make better pictures for you! Polled Hereford World 6(9):12, 80. Sept.1952. 43.8 P76

92383 WILLIAMS, R. O., and BELL, C. E., JR. Georgia 4-H Club livestock judging guide. Ga. Agr. Col. Ext. B. 574,33 p. June 1952. 275.29 G29B

92384 ZELLER, A. Vor den grossen zuchtstiermarkten im Braunviehzuchtgebiet. Grüne 80:957-963. Aug.29,1952. 17 Sch9
Switzerland.

CATTLE

Breeds and Breeding

92385 ABRAMS, J. T. Livestock and their environments. IV. The relationship of sunlight to bovine reproductive efficiency and productivity. Brit. Vet. J. 108:275-292. Ref. Aug.1952. 41.8 V643

92386 AEHNELT, E. Vergleichende experimentelle prüfung der spermaverdünner Eidotter-Spermasol, Eidotter-Zitrat und Sp. V. 161. Fortpflanzung u. Besamung der Haustiere 1:34-36. Dec.15,1951. 41.8 F773
Cattle.

92387 AMERICAN GUERNSEY CATTLE CLUB. Improving breed type and production. Guernsey Breeders' J. 86:189-193,213. (Cont.) Sept.15,1952. 43.8 G93
Panel discussion; H. H. Kildee, moderator.

92388 AMERICAN JERSEY CATTLE CLUB. Open forum discussion; report of Production Testing Committee. Jersey B. 71:1190-1191,1229-1231. Aug.25,1952. 43.8 J48

92389 AMERICAN JERSEY CATTLE CLUB. Open forum discussion; report of the Milk Committee. Jersey B. 71:1264,1276,1278,1280,1282,1292-1294. Sept.10,1952. 43.8 J48

92390 AMERICAN SHORTHORN BREEDERS ASSOCIATION. Shorthorns in the West. Amer. Cattle Prod. 34 (4):21-22. Sept.1952. 49 P94

92391 ARBEITSGEMEINSCHAFT DEUTSCHER RINDERZÜCHTER. ARBEITSAUSSCHUSS FÜR RINDERBESAMUNG. Richtlinien zur durchführung der rinderbesamung. Arbgemeinsch. Deut. Rinderzüchter. Schrreihe. 9,24 p. 1951. 43.9 Z4

92392 ASHTON, J. Texan's sojourn in Jersey. 6. Jersey B. 71:954,058,960,962-964. July 10,1952. 43.8 J48

92393 ATLASON, A. C. "Shorthorns everywhere." To make beef production profitable Shorthorns are the best tools! Shorthorn World 37(10):170,179. Aug.10, 1952. 43.8 Sh8

92394 AXELSSON, J. Future direction of cattle breeding. (In Swedish.) SRB 25:2-9. 1952. 43.9 Av32

92395 AYRSHIRE BREEDERS' ASSOCIATION. The official Ayrshire record system. Ayrshire Digest 38:586. Sept.15,1952. 43.8 Ay7

92396 BAKER, M. L. Achievement through adaptability. Shorthorn World 37(10):165,178-179. Aug.10,1952. 43.8 Sh8
Breeding of beef cattle.

92397 BANE, A. Heredity and sexual functions; a review of the literature. (In Swedish.) Lantbrakad. Tidskr. 91:132-147. Ref. 1952. 104 Sw3
English summary.
Cattle.

92398 BARTLETT, D. They're all Herefords. Livestock Wk. 6(43):18,95. Sept.1952. 49 L753

92399 BEATY, J. Y. They like Herefords in Hawaii. Amer. Hereford J. 43(9):142-144. Sept.1,1952. 43.8 Am32

92400 BELL, F. W. What does the other fellow think? Shorthorn World 37(10):353-354,356. Aug.10,1952. 43.8 Sh8
Breeding policies.

92401 BENNETT, J. A. Influence of weight and quality. Shorthorn World 37(10):192,194-197. Aug.10, 1952. 43.8 Sh8
Beef cattle breeding.

92402 BETTINI, T. M. Criteria for evaluating breeding bulls. I. (In Italian.) Riv. di Zootec. 25:204-207. July/Aug.1952. 49 R52

92403 BONADONNA, T. Das problem der anwendung der künstlichen besamung bei den tieren. Fortpflanzung u. Besamung der Haustiere 1:4-5. Aug.15,1951. 41.8 F773
Cattle.

92404 BONFERT, A. Eidotter-zitrat-verdünnung in der praxis. Fortpflanzung u. Besamung der Haustiere 2: 9-10. Feb.15,1952. 41.8 F773

92405 BRADSTOCK, T. F. An invitation to Herefordshire. Livestock Wk. 6(43):13,50,52,56,67-68' Sept.1952. 49 L753
On the Hereford breed in England.

92406 BRAUER. Rinderrassen; 36 farbige rassebilder der bekanntesten in- und ausländischen zuchten mit beschreibung der rassemerkmale. Text neu bearbeiet von K. Gercken. Graser's Natwiss. u. Landwirt. Tafel 26,chart. 1951. 18 G76

92407 BROCHART. Sur une action photochimique de la lumière solaire sur le sperme de taureau. Présence d'un pigment flavinique dans le plasma séminal. Soc. de Biol. Compt. Rend. 146:556-558. Apr.1952. 442.9 P21

92408 BUIATTI, P. G. XIII market-show of Maremmana breed cattle, Grosseto, May 17-18, 1952. (In Italian.) Agr. Tosc. 7:257-261. Aug.1952. 16 Ag827

92409 BUIATTI, P. G. XXIX market-show of bulls and bullocks of Chianina breed breeding centers, Montepulciano, May 21-22, 1952. (In Italian.) Agr. Tosc. 7: 251-255. Aug.1952. 16 Ag827

92410 CARON, G. La vache Jersey. Digeste de l'Eleveur 6(11):40-41. July 1952. 49 D56

92411 CHIEFFI, A. The criteria for the selection of good bulls. (In Portuguese.) Granja [Porto Alegre] 8 (62):48-49. May 1952. 9.2 G76

92412 CHIEFFI, A. How to select breeding bulls. (In Portuguese.) Gado Holandês 16(181):38. Jan.1952. 43.8 G112

92413 COCHEL, W. A. It's business, not a game. Shorthorn World 37(10):92,342-343. Aug.10,1952. 43.8 Sh8
Breeding and selling Shorthorn.

92414 DIMITROPOULOS, E. Quelques aspects du problème de la fécondation chez les bovins. Ann. de Méd. Vét. 96:253-266. Ref. June 1952. 41.8 An78

92415 DIMITROPOULOS, E. La vitamine E et la spermatogenese chez le taureau. (In Greek.) Hellen. Kteniatrikes Hetaireias. Delt. Ser. B 4:163-168. Oct./Dec.1951. 41.9 So18
French summary.

92416 DOCTON, F. L., and others. The antigenicity of bovine spermatozoa. J. Dairy Sci. 35:706-709. Aug. 1952. 44.8 J822
L. C. Ferguson, E. J. Lazear, and F. Ely, joint authors.

92417 DÓZSA, L. New aspects in the hormonal therapy of sterility in cattle. (In Hungarian.) Magyar Allat. Lapja 7:122-125. Ref. Apr.15,1952. 41.8 V644

92418 EASLEY, G. T. Type and general health influence calf production in Hereford herds. Tex. Hereford 1(11):12-13. June 1952. 43.8 T31

92419 ELDRIDGE, F. To what extent were the "ten leading [Guernsey] bulls" line-bred? Guernsey Breeders' J. [Peterborough] 86:13,30-31. Sept.1,1952. 43.8 G93

92420 EVANS, G. The place of the Brahman in our cattle industry. Amer. Breeds 4(3):10-11. Aug.1952. 43.8 Z12

92421 FIGUEROA INFANTE, J. Los indices de selección. Asoc. Rur. del Uruguay. Rev. 79:12-13. Jan.1952. 9.9 As5
In cattle breeding.

92422 FLEMING, W. C., JR. A guide for dairymen and breeders. Guernsey Breeders' J. 86:14-16. Sept.1, 1952. 43.8 G93

92423 FROST, J. Acheivement? Only through the right sire. Shorthorn World 37(10):224. Aug.10,1952. 43.8 Sh8

92424 GARDHOUSE, R. Perth in 1952. Shorthorn World 37(10):208-210. Aug.10,1952. Aug.10,1952. 43.8 Sh8
Judging Shorthorns.

92425 GAY, C. W. One hundred years of Shorthorns. Shorthorn World 37(10):68-69,159-160,164. Aug.10,1952. 43.8 Sh8

92426 GJELSTAD, B. Our breeding herds. (In Norwegian.) Buskap og Avdrätt 2:18-19,21. 1952. 49 B96
Cattle.

92427 GOOD, D. Become a good judge. Shorthorn World 37(10):273-274,330. Aug.10,1952. 43.8 Sh8

92428 GORDON, M. Danish bull-testing stations. Milk Indus. 33(2):90-93. Aug.1952. 44.8 M593

92429 GÖTZE, R. Zur frage des einsatzes und der ausbildung von hilfspersonal in der rinderbesamung. Fortpflanzung u. Besamung der Haustiere 2:57-60. Aug. 15,1952. 41.8 F773

92430 GRATH. Stiere müssen älter werden. Allgäuer Bauernbl. 20:409-410. Aug.7,1952. 18 AL53

92431 GRIFFIN, D. W. Shorthorn acceptance in South proof of need for breed in this territory. Fla. Cattleman 16(12,sect.2):13. Sept.1952. 43.8 F66

92432 GROŠINIĆ, V., and ŠIMUNIĆ, B. Artificial insemination and the prevention of sterility of cattle in Prelog district. (In Serbo-Croatian.) Stočarstvo 6:203-211. May 1952. 43.8 St6

92433 GROSS, K., and WILSON, C. Artificial insemination improves dairy herds. S. Dak. Farm & Home Res. [S. Dak. Sta.] 3:86-89. Summer 1952. 100 So82S
Includes production records.

92434 GROVES, P. K., KRAHN, E., and THOMAS, R. A. Where the Shorthorn pedigree is born. Shorthorn World 37(10):46-53. Aug.10,1952. 43.8 Sh8

92435 HANSON, D. Red Dane dairymen stress production more than appearance. Successful Farming 50(9):45,120-122. Sept.1952. 6 Su12

92436 HENTGES, J. F. Looking for a herd bull. South. Livestock J. 12(3):40,67. Sept.1952. 43.8 F66A

92437 HERRICK, J. B. Examination of a bull. No. Amer. Vet. 33:620-622. Sept.1952. 41.8 N812

92438 HILSTON, N. W., and SANTEE, M. C. Trail blazing achievements with Shorthorns; the University of Wyoming's winnings in 1946 began that institution's series of Shorthorn victories which have attracted national attention to the State's herds. Shorthorn World 37(10):302,304-305,442. Aug.10,1952. 43.8 Sh8

92439 HOELZER, H. Erfahrungen mit dem verdünner "Spermasol." Fortpflanzung u. Besamung der Haustiere 1:36-37. Dec.15,1951. 41.8 F773
Cattle.

92440 HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA. Annual report for fiscal year 1951. Brattleboro,1952. 48 p. 43.9 H74C

92441 HUNSECKER, T., JR. Promote more breeders! Shorthorn World 37(10):281-282. Aug.10,1952. 43.8 Sh8

92442 IBSEN, H. L. Color inheritance. Shorthorn World 37(10):89-90. Aug.10,1952. 43.8 Sh8

92443 ILANČIČ, D. Gatač cattle-a source for breeding of our herds. (In Serbo-Croatian.) Stočarstvo 6:145-156. Ref. Apr.1952. 43.8 St6

92444 JARAMILLO VERA, A. La ganadería Holstein del Quindío. Holstein Colomb. 6(42):23. June 1952. 43.8 H744

92445 JEFFERY, W. Charbray, the ideal beef type. Amer. Breeds 4(2):6-7. July 1952. 43.8 Z12

92446 JOHANSSON, I. Aberdeen-Angus or Hereford. (In Swedish.) Ladugården 7:198-199. July 1952. 44.8 L12

92447 JOHANSSON, I. Possibilities for preserving viability of bull semen at low temperatures. (In Swedish.) Ladugården 7:199-200. July 1952. 44.8 L12

92448 KARRAS, W. Das spermiodensimeter, seine entwicklung und anwendung. Fortpflanzung u. Besamung der Haustiere 2:5-7. Jan.15,1952. 41.8 F773

92449 KARRAS, W. Wärmewasserbad und registratur, ihre entwicklung und anwendung. Fortpflanzung u. Besamung der Haustiere 2:60-62. (Cont.) Aug.15,1952. 41.8 F773
Cattle semen test.

92450 KLEINAU, R. Betrachtungen zur kausalität der unfruchtbarkeit des rindes. Fortpflanzung u. Besamung der Haustiere 2:13-15. Feb.15,1952. 41.8 F773

92451 KNAPP, W. A., JR. Infertility in cattle. So. east. Vet. 3(2):8,26. Winter 1952. 41.8 Un32

92452 KNOX, R. G. The future belongs to those who prepare. Shorthorn World 37(10):39-40,455-457. Aug.10,1952. 43.8 Sh8
Breeding of beef cattle.

92453 KÖNIG. Hat die formenzucht im zeitalter der leistungszucht noch eine berechtigung? Allgäuer Bauernbl. 20:423-424. Aug.14,1952. 18 AL53
Cattle.

92454 KRAHN, E. The Polled Shorthorn progress is pleasing. Shorthorn World 37(10):373,477-478. Aug.10, 1952. 43.8 Sh8

92455 KROWS, P. M. Breeders work together. Shorthorn World 37(10):211-213. Aug.10,1952. 43.8 Sh8
South Central Illinois Shorthorn Breeders Association.

92456 LENGSTEINER, F. Die Fleckviehzucht in Niederösterreich. Landwirtschaft 15/16:234-236. Aug.1952. 19 L235

92457 LIEBENBERG, O. Die besamung der haustiere, insbesondere des rindes. Radebeul,Neumann,1952. 80 p. 40 L622

92458 LYNN, C. J. We have a great breed,let's improve it! Shorthorn World 37(10):188,190-191. Aug. 10,1952. 43.8 Sh8

92459 MCCARTHY, D. Beef breed supreme [Hereford]. Livestock Wk. 6(43):11,40,44,48,49. Sept.1952. 49 L753

92460 MACEWAN, G. Study your genetics. Shorthorn World 37(10):107,295-297. Aug.10,1952. 43.8 Sh8
Cattle.

92461 MCILRATH, W. Blood won't tell, but the little genes would, if we could only read them! Shorthorn World 37(10):387,417-421. Aug.10,1952. 43.8 Sh8

92462 MAGELLI, E. The Pezzata nera of "Castello di Ciriano." (In Italian.) Italia Agr. 89:452-459. July 1952. 16 It1

92463 MAHADEVAN, P. Genetic improvement in milk yield due to selection in a herd of Sinhala cattle. Trop. Agr. [Peradeniya] 107:161-167. July/Sept.1951. 26 T751

92464 MAOLI, G. Improvement of Brown Swiss cattle raised on the Cesarina ranch in the Roman countryside. (In Italian.) Riv. di Zootec. 25:210-216. July/Aug.1952. 49 R52

92465 MARANGON, A. Artificial insemination in the Province of Venezia. (In Italian.) Gior. Econ. 37: 280-282. June 1952. 280.8 G432
Cattle.

92466 MAULE, J. P. Dairy cattle for hot climates. Westral. Farmers' Co-op Gaz. 22:391,393-395. June 1952. 280.28 W522
Breeding.

92467 MERKT, H., and SANCHEZ-GARNICA, C. Gewinnung des vorhautsekretes beim bullen zur mikrobiellen untersuchung (präputialspülprobe). Fortpflanzung u. Besamung der Haustiere 2:3-5. Jan.15,1952. 41.8 F773

92468 MIES FILHO, A., VALE, G., and AST, O. An attempt to estimate the concentration of bovine semen by means of the photoelectric cell. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:101-114. 41.8 V6435

92469 MIES FILHO, A., and GRAÇA, V. DE P. Observations on the influence of seasons of the year on spermatogenesis in imported bulls. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:59-66. Ref. 1951. 41.8 V6435

92470 MOHLER, M. A. Advanced registry-Red Poll bloodline analysis for 1951. Red Poll News 16(4):21,68-70. July/Aug.1952. 43.8 R245

92471 NEWELL, P. F. This cow business. Livestock Wk. 6(39):16-17,45-46,48-50,63. Aug.1952. 49 L753
Beef cattle management.

92472 OTT, F. Rinderzucht auf milch und fleisch. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.73-74. Kiel,1951. 33.27 Sch34
Includes records.

92473 PELISSIER, C. L. Are proven sire records enough? Hoard's Dairyman 97:728-729. Sept.10,1952. 44.8 H65

92474 PHILLIPS, J. G. The Santa Gertrudis breed of beef cattle. Amer. Breeds 4(1):10-13. June 1952. 43.8 Z12

92475 POHL, A. E. Die Fleckviehzucht im Inn- und Hausruckviertel und ihr genealogischer aufbau; die natürlichen und wirtschaftlichen grundlagen der zucht, ihre entwicklung, die wichtigsten linien und zuchtfamilien. Ried im Innkreis, Fleckviehzuchtverband Inn- und Hausruckviertel, 1952. 723 p. 43 P75

92476 POTTER, L. B. Polled Shorthorns on the family-sized farm. Shorthorn World 37(10):395,458-459. Aug.10,1952. 43.8 Sh8

92477 RATH, G. Ein hygienishcer entsamungsstand. Fortpflanzung u. Besamung der Haustiere 1:6. Aug.15, 1951. 41.8 F773
Cattle.

92478 REBER, N. F. First breeding cooperative celebrates its tenth anniversary at Lewisburg. Pa. Farmer 147:150-151. Sept.13,1952. 6 P383
Cattle breeding.

92479 RHOAD, A. O. Which way, crossbreeding? Amer. Breeds 3(2):20-21. May 1952. 43.8 Z12

92480 ROBERTS, E. J. Breeding of dairy cattle in Wales. Soc. Dairy Technol. J. 5:214-218. July 1952. 44.8 So12
Includes discussion.

92481 RUISEÑADA, CONDE DE. La raza Hereford en España. Hereford 19:402. Aug.1952. 43.8 H42

92482 SALISBURY, G. W., and VAN DEMARK, N. L. Is artificial insemination doing a good job? Farm Q. 7(3):38-41,122-124,126-128. Autumn 1952. 6 F22995
Dairy cattle.

92483 SANFILE, V. Milk as a diluent of [bovine] seminal fluid. (In Italian.) Zooprofilassi 7:257-259. June 1952. 41.8 Z72

92484 SHEARER, P. S. What's ahead for Shorthorns? Shorthorn World 37(10):67,357. Aug.10,1952. 43.8 Sh8

92485 SLOAN, F. A. The outlook for Red Polls. Gulf Coast Cattleman 18(7):7-8. Sept.1952. 43.8 G95

92486 SPAGNOLI, A. Italian cattle breeds from the point of view of statistics on bulls. (In Italian.) Allevatore 8(29):3. July 1952. 49 AL55

92487 STETTLER, A. Die melkbarkeit des euters. Grüne 80:972-973. Aug.29,1952. 17 Sch9
Breeding for easier milking.

92488 STEWART, A. Evolving a breeding plan for a dairy herd is like playing "five hundred" with stacked hands. New Zeal. Dairy Exporter 28(2):33-37,63. Aug. 1952. 44.8 N484
Includes discussion.

92489 SUAREZ NELSON, M. Vacas esteriles. Chacra 22(261):19,74. Aug.1952. 9 C34

92490 SVINTH, J. F. Jersey promotion moves ahead in the West. West. Dairy J. 8(10):9-10. Aug.1952. 44.8 W524

92491 SYRSTAD, O. Evaluation of the fat percentage in breeding work. (In Norwegian.) Buskap og Avdrått 2: 26-27. 1952. 49 B96

92492 TACKEN, P. H. W. Determination of the density of bull semen with the help of an electric colorimeter. (In Dutch.) Tijdschr. v. Diergeneesk. 77:527-532. July 15,1952. 41.8 T431

92493 TAYLOR, L. F. Kansas Shorthorn achievement. Shorthorn World 37(10):247-250. Aug.10,1952. 43.8 Sh8

92494 THOMAS, H. R. Charbray, the modern beef type. Amer. Breeds 3(11):8-9. Apr.1952. 43.8 Z12

92495 THOMAS, R. Great bulls contributed much in development of conformation plus early maturity in modern Shorthorn. Fla. Cattleman 16(12,sect.2):9-11. Sept. 1952. 43.8 F66

92496 THOMAS, R. Range Bull Project significance. Shorthorn World 37(11):9,55. Aug.25,1952. 43.8 Sh8

92497 THOMAS, R. Shorthorn breed proudly goes back to Scottish beginnings. South. Livestock J. 12(3):53-54. Sept.1952. 43.8 F66A

92498 THOMAS, R. A. Shorthorns-best by test. Amer. Cattle Prod. 34(4):15,18. Sept.1952. 49 P94

92499 THOMPSON, H. J., WORSTELL, D. M., and BRODY, S. Environmental physiology with special reference to domestic animals. XVIII. Influence of environmental temperature, 0° to 105° F, on hair and skin temperature of Holstein, Jersey, Brown Swiss, and Brahman cattle, with notes on the thermal properties of hair and skin. Mo. Agr. Expt. Sta. Res. B. 489,24 p. Jan.1952. 100 M693

92500 TORMEY, J. L. Would you like to start a new breed? Shorthorn World 37(10):379,468-473. Aug.10, 1952. 43.8 Sh8
Polled Shorthorns.

92501 TROEGER, L. E. Some aspects of serving youth. Shorthorn World 37(10):90,308-309. Aug.10,1952. 43.8 Sh8
Asset of youth to Shorthorn breeding.

92502 UBALDI, L. Is the "Della Coscia" bull necessary for the production of calves for veal? (In Italian.) Allevatore 8(28):3. July 13,1952. 49 AL55

92503 VIAL, J. M. Shorthorns won't let you down. Don't let them down! Shorthorn World 37(11):11,37. Aug.25,1952. 43.8 Sh8

92504 VILLARES, J. B. With the exception of Zebu breeds selected for milk production there is no zootechnic justification for importing this type of cattle. (In Portuguese.) Rev. dos Criadores 23(4):40-41,62. Apr. 1952. 43.8 R32
Brazil.

92505 WEBB, B. Range bull merchandising calls for high quality, supplying demands of breeders. Tex. Hereford 2:18. Aug.1952. 43.8 T31

92506 WEBER, A. D. Weber pitches congress tone. Tex. Hereford 1(11):1,8-11. June 1952. 43.8 T31
On beef cattle breeding.

92507 WENGER, H. Züchterische massnahmen zur verbesserung der milch- und fettleistung beim rind. Schweiz. Fleckviehzucht-Verband. Mitt. 2:2-6. June 24, 1952. 43.9 V584M

92508 WENTWORTH, E. N. What does a breeder do? Shorthorn World 37(10):44-45,451-454. Aug.10,1952. 43.8 Sh8.

92509 WHITCOMB, G. Impact of the Brahman on beef production. Amer. Breeds 3(11):10-12,34-35. Apr. 1952. 43.8 Z12

92510 WICKE, P. A. Die spermauntersuchung mittels eines neuen heizapparates. Fortpflanzung u. Besamung der Haustiere 2:8. Jan.15,1952. 41.8 F773
Cattle.

92511 WILLE, R. Uber die künstliche besamung der rinder. Tierärztl. Umschau 7:274-278. Aug.1952. 41.8 T445

92512 WINKLER, J., III. Lessons learned from a breed builder. Shorthorn World 37(10):79. Aug.10,1952. 43.8 Sh8
Care of Shorthorns.

92513 WINSTON, H. High production factors of prime importance in selecting efficient brood cows for herd. Tex. Hereford 1(9):10. Apr.1952. 43.8 T21

92514 WINSTON, H. Nursing ability of Hereford mother cows equally as important as beef characteristics. Tex. Hereford 1(10):14. May 1952. 43.8 T31

92515 WINTERS, L. M. A closed herd with a crack in the door. Shorthorn World 37(10):41,439-441. Aug. 10,1952. 43.8 Sh8

92516 YOUNT, R. P. The range bull and you. Livestock Wk. 6(43):22,86. Sept.1952. 49 L753
His place in beef cattle industry in Southeastern States.

Feeds and Feeding

92517 ALFORD, L. W. Alligator weed—a good cattle feed. Chemurg. Digest 11(9):10-12. Sept.1952. 381 N213Na
Alternanthera philoxeroides.

92518 ANDREEV, A. V. Methods for utilizing green forage. (In Russian.) Kormovafa Baza 3(2):35-39. Feb. 1952. 60.8 K84
Effects of feeding on milk production.

92519 AXELSSON, J. Nutritive standard of cattle and fertility. (In Swedish.) Ladugården 7:201-203. July 1952. 44.8 L12

92520 BOHSTEDT, G. Achieve through correct feeding! Shorthorn World 37(10):185-186. Aug.10,1952. 43.8 Sh8

92521 BRANAMAN, G. A. Some elements in beef cattle production. Shorthorn World 37(10):226-228. Aug.10,1952. 43.8 Sh8
Chiefly feeding.

92522 BRETON, J. F. Travail d'alimentation des boeufs à l'engrais. Rev. Agr. de l'Afrique du Nord 50: 436-439. July 4, 1952. 80 R326

92523 BRIGGS, H. M. How is your feed bill? Shorthorn World 37(10):261-266. Aug.10,1952. 43.8 Sh8

92524 BROOKS, O. L., and MCKINNEY, W. H. Progress report on the management and utilization of feed production systems. Ga. Agr. Expt. Sta. Press B. 639,5 p. Aug.1952. 100 G29P
Grazing systems and milk production from each system of feeding.

92525 CATALINA, L. La alimentación del ganado. Cult. Mod. 35:257-258. July 1952. 15 C89
Cattle.

92526 CORRIE, F. E. Feeding farm animals. 62. Feeding dairy cows. Fert. Feed Stuffs & Farm Supplies J. 38:561,563-564. Sept.3,1952. 57.8 F413

92527 COYLE, T. Do we feed dairy animals enough? East. Feed Merchant 3(9):20-21. Sept.1952. 389.78 Ea7

92528 CZAPSKI, F. It is time to think of feed for the dairy cows. (In Portuguese.) Lav. e Criacão 13(4):21-22. Apr.1952. 49 L392

92529 DIJKSTRA, N. La influencia de las grasas en la ración de las vacas lecheras. Indus. Lech. 34:247-249,251-252. May 1952. 44.8 In26

92530 DONALDSON, W. W. Achievement through management. Shorthorn World 37(10):165,167. Aug.10, 1952. 43.8 Sh8
Feeding and care of a beef cattle breeding herd.

92531 GARRIGUS, W. P. The challenge of grassland farming. Shorthorn World 37(10):103,291-293. Aug.10, 1952. 43.8 Sh8
Chiefly on feeding of beef cattle.

92532 GERMANY (FEDERAL REPUBLIC). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Auch im kuhstall getreide sparen. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. Flugbl. C,4 p. Dec.1951. 18 G312Fc

92533 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Beispiele für die richtige fütterung der milchkühe im winter. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 37,15 p. Jan.1952. 18 G312V

92534 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Futter und leistung. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 35,8 p. 1951. 18 G312V
Young cattle.

92535 GIULIANI, R. The technique of fattening cattle. IV. (In Italian.) Riv. di Zootec. 25:197-203. July/Aug. 1952. 49 R52

92536 GJURAŠIN, B. On cattle feeding in Baranja. (In Serbo-Croatian.) Stočarstvo 6:230-235. May 1952. 43.8 St6

92537 GOODELL, C. J. Lynnwood steer research reduces beef costs; re-evaluation of common farm roughages fortified to make good their nutritional deficiencies, points to striking economies in Nation's cattle growing and fattening operations. Shorthorn World 37(10):388-389,461-464. Aug.10,1952. 43.8 Sh8

92538 HERMAN, H. A. Fitting concentrate feeding to the quality of roughage. Grain & Feed J. Consolidated 109(5):37-39. Sept.10,1952. 298.8 G762
Dairy cattle.

92539 HODGSON, R. E. Let's take another look at legumes, boon to dairy pastures. Co. Agent & Vo-Ag Teacher 8(8):28-33. Aug.1952. 275.28 N213

92540 HODGSON, R. E. Milk for the future and how to get it. Amer. Dairy Prod. Rev. 14(9):8,10,12,14,51. Sept.1952. 44.8 Am37
Yield and feeding.

92541 JOHNSON, L. E., MOXON, A. L., and SMITH, R. L. Wintering beef cows on South Dakota ranges. S. Dak. Agr. Expt. Sta. B. 419,26 p. May 1952. 100 So82

92542 KEENER, H. A. Dairy cattle feeding. East. Feed Merchant 3(9):48,50-51. Sept.1952. 389.78 Ea7

92543 KNODT, C. B., and BLOOM, S. The value of vitamin B_{12}, DL-methionine and potassium-penicillin in milk replacement formulas for dairy calves. J. Dairy Sci. 35:675-678. Aug.1952. 44.8 J822

92544 KYD, C. Management—now is time to consider problems of feed supply. West. Livestock J. 30(50,sect.2): 69-70. Aug.28,1952. 6 F2278
Feeding beef cattle.

92545 LANGEN, V. Die milchkuh in unseren zuckerrübenbetrieben. Landwirt. Z. der Nord-Rheinprov. 119: 876. Aug.16,1952. 18 L2344

92546 LASHBROOK, R. R. New nutrient grain grazing. Breeder's Gaz. 117(10):9. Oct.1952. 49 B74
Beef cattle grazing wheat.

92547 LYDON, R. Range supplements—tests reveal added self-feeding of weaners on pasture pays off. West. Livestock J. 30(50,sect.2):59-60. Aug.28,1952. 6 F2278
Feeding weaner steers.

92548 MAGEE, A. C. Feed reserves--drouth insurance for beef producers. Tex. Agr. Expt. Sta. Prog. Rpt. 1471,5 p. June 18,1952. 100 T31P

92549 MARX, H. J. Nicht die absolute michleistung ist entscheidend. Tierzucht 5:372-373. Dec.1951. 49 T443
Effect of pine pollen hormone on milk yield.

92550 MEAD, S. W. Keep bloat from your pastures. West. Dairy J. 8(11):19-21. Sept.1,1952. 44.8 W524
Cattle.

92551 MERCIER, E. Pourquoi ne pas produire plus d'herbages pour les bovins? Digeste de l'Eleveur 6(11): 46-48. July 1952. 49 D56
For dairy cattle.

92552 MOESER. Auch in der 2. hälfte der weidezeit kein leistungsabfall. Unser Milchvieh 4(7):1. July 1952. 43.9 Un7

92553 MUIR, J. Green gold—feeding lettuce to beef cattle is big business in California's Salinas Valley. West. Livestock J. 30(50,sect.2):18-19. Aug.28,1952. 6 F2278

92554 MURATOV, D. Organization of [beef] cattle fattening. (In Russian.) Kolkhoz. Proizvodstvo 12(5):34-35. May 1952. 281.8 K83

92555 NAKAHIRO, Y. Study on the actual condition of cattle raising in Kagawa Prefecture. I. On the raising of the milking cow in Kida-gun, Kagawa Prefecture. (In Japanese.) Kagawa- Ken Agr. Col. Tech. B. 3:91-95. Sept.1951. 107.6 K113
English summary.
Need for pasture.

92556 NEUMANN, F. Möglichkeiten der fettgehaltssteigerung durch fütterung. Unser Milchvieh 4(7):2. July 1952. 43.9 Un7

92557 PERRY, T. W. Low cost cattle feeding. Feedstuffs 24(36):74-77. Sept.6,1952. 286.81 F322

92558 PLISS, D. S. Feed supply base and milk production of cows at the V. R. Vil'iams Institute of Feeds. (In Russian.) Kormovaia Baza 3(7):12-14. July 1952. 60.8 K84

92559 POPOV, A. M. Use of vitamin concentrates and cobalt salts in cattle fattening. (In Russian.) Latv. PSR Zinātņu Akad. Vēst. 3:421-424. 1951. 511 R442

92560 PRICE, W. V. Effect of grass silage on quality of milk and milk products. Butter, Cheese & Milk Prod. J. 43(9):48-49,52-55. Ref. Sept.1952. 286.85 B98Bu

92561 PROULX, J. R. La vache laitière au pâturage. Digeste de l'Eleveur 6(11):52-54. July 1952. 49 D56

92562 ROBINSON, J. S. Caring for livestock during drought. Tenn. Dept. Agr. Tenn. Mkt. B. 24(8):8. Aug. 1952. 280.38 T25
Cattle feeding.

92563 ROCHA, G. L. DE. Dolichos and dairy cattle. (In Portuguese.) Rev. dos Criadores 23(4):45-46. Apr. 1952. 43.8 R32

92564 ROSS, O. B., and others. The value of mung-beans for fattening calves. Okla. Agr. Expt. Sta. B. B-370,7 p. May 1951. 100 Ok4
A. E. Darlow, R. W. MacVicar, and D. F. Stephens, joint authors.

92565 SINKS, A. H. Roughage capacity is the secret in building a profitable dairy herd. Country Gent. 122:26-27,66. Sept.1952. 6 C833

92566 SMITH, L. Creep feeding beef calves proves profitable to cattlemen. Amer. Breeds 4(1):8. June 1952. 43.8 Z12

92567 SNAPP, R. R. Beef cattle most economical users of grain. Shorthorn World 37(10):169-170,174-175. Aug.10,1952. 43.8 Sh8

92568 SPRAGUE, V. G., and others. Five legume-grass associations for silage and aftermath grazing for dairy cows. Pa. Agr. Expt. Sta. B. 555,10 p. Aug.1952. 100 P381
P. S. Williams, C. B. Knodt, E. M. Kesler, and A. L. Haskins, joint authors.

92569 TUREK, F. Die futterberechnung. Bauer 5(28):4-5. Aug.16,1952. 19 B32
Determination of the feed requirements of a cow.

92570 WARD, A. L. Cottonseed products expert views role of supplements in beef cattle raising. Tex. Hereford 1(8):8,19-20. Mar.1952. 43.8 T31

92571 WARD, A. L. Good feeding guides breeding. Shorthorn World 37(10):54,448-450. Aug.10,1952. 43.8 Sh8

92572 ZAKHAR'EV, N. I. Summer use of silage to insure continuous green feed. (In Russian.) Kormovaia Baza 3(2):57-60. Feb.1952. 60.8 K84
Effects of feeding on milk production.

92573 ZUPPKE, H. Haben wir ein eiweiss-problem in der rinderfütterung? Deut. Landwirt. 3:382-384. July 1952. 18 D4822

Veterinary Medicine

92574 AEHNELT, E. Impotentia coeundi infolge penisknickung bei einem jungbullen. Fortpflanzung u. Besamung der Haustiere 2:63. Aug.15,1952. 41.8 F773

92575 AEHNELT, E., and LÖSCH, R. Posthitis chronica adhaesiva mit abszessbildung bei einem zuchtbullen. Fortpflanzung u. Besamung der Haustiere 2:23. Mar.15,1952. 41.8 F773

92576 AEHNELT, E. Präputialschlauch und präputialvorfall beim bullen. Fortpflanzung u. Besamung der Haustiere 1:37-38. Dec.15,1951. 41.8 F773

92577 ARATA CAVADA, N. La prueba del anillo en la brucelosis bovina. Rev. Ganad. [Habana] 12(8):59-63. Aug.1952. 49 R321

92578 BAKKER, T. Control of cattle tuberculosis in Great Britain. (In Dutch.) Landbouwwereldnieuws 7:499-502. Aug.9,1952. 12 L237

92579 BAUMGARTE, and GILDEMEISTER, E. Teilergebnisse bei der bekämpfung der rindertuberkulose im lande Bremen; zugleich ein vergleich zwischen den untersuchungsergebnissen der Ziehl-Neelsen-methode und der fluoreszenzmikroskopischen untersuchung nach Dr. Gohde. Monatsh. f. Prakt. Tierheilk. 4:221-232. 1952. 41.8 M74

92580 BELL, W. B. Further studies on the production of bovine hyperkeratosis by the administration of a lubricant. Va. J. Sci. (n.s.)3:169-177. July 1952. 470 V81

92581 BERGEON, P. Peste bovine: richesse en virus pestique des tissus nerveux et de la moelle osseuse de veaux atteints de peste bovine expérimentale. Soc. de Path. Exot. B. 45:148-152. 1952. 448.9 So13

92582 BERLIN, L., and GEIGER, G. Trichomonaden im eileiter des rindes intra vitam. Fortpflanzung u. Besamung der Haustiere 2:1-2. Jan.15,1952. 41.8 F773

92583 BERTHELON. Moyens thérapeutiques actuels pour réaliser l'antisepsie de la mamelle. Cahiers de Méd. Vet. 21:99-101. July/Aug.1952. 41.8 C11

92584 BINET, P. Arretée partout ailleurs la fiévre aphteuse est pour la France un désastre. Rev. de l'Elevage 7:454-455,457. Aug./Sept.1952. 49 B462
Cattle.

92585 BLAMIRE, R. V. The capacity of the bovine "stomachs." Vet. Rec. 64:493-494. Aug.23,1952. 41.8 V641

92586 BLINCOE, C., and BRODY, S. Environmental physiology with special reference to domestic animals. XVII. The influence of temperature on blood composition of cattle. Mo. Agr. Expt. Sta. Res. B. 488,44 p. Nov. 1951. 100 M693

92587 BÖLCSHÁZY, K. On some recent experiments with hexamethylenetetraminerhodanite. (In Hungarian.) Magyar Allat. Lapja 7:110-112. Apr.15,1952. 41.8 V644
Streptococcus agalactiae, causative organism of bovine mastitis, mentioned.

92588 BONADONNA, T. Dangerous prospects for cattle raisers. (In Italian.) Allevatore 8(30):1-2. July 27,1952. 49 AL55
Diseases.

92589 BOURNE, R. F. Bovine hyperkeratosis (X disease). No. Amer. Vet. 33:609-612,615. Sept.1952. 41.8 N812

92590 BOWLER, G. E. Field survey of brucellosis, mastitis, and rural use of pasteurized milk. Amer. Vet. Med. Assoc. J. 121:195-196. Sept.1952. 41.8 Am3
Survey in Michigan.

92591 BRATLIE, O. Control of mastitis and the dairy barn control. (In Norwegian.) Buskap og Avdrått 2:14-16. 1952. 49 B96

92592 BRÜGGER, H. Die bovine infektion beim menschen. Monatsh. f. Prakt. Tierheilk. 4:330-336. 1952. 41.8 M74
Transmission of tuberculosis.

92593 BYERS, J. H., JONES, I. R., and HAAG, J. R. Blood hemoglobin values of dairy cattle. J. Dairy Sci. 35: 661-667. Aug.1952. 44.8 J822

92594 CAMETTI, A., and GRASSO, G. On the presumed clinical value of the oculocardiac and otocardiac reflexes in bovine pathology. (In Italian.) Clin. Vet. 75: 171-174. June 1952. 41.8 C61

92595 CARNEIRO, A. DA S. Observations on Koch's treatment in foot-and-mouth disease. (In Portuguèse.) Veterinaria [Rio de Janeiro] 5:75-76. 1951. 41.8 V6435
On cattle.

92596 CHRISTIAN, A. B. Phthalylsulfacetamide as a treatment for infectious calf scours. Amer. Vet. Med. Assoc. J. 121:185-186. Sept.1952. 41.8 Am3

92597 DANILOVA, L. V. Formation of muscle fibers during the embryogenesis of the musculature in cattle. (In Russian.) Akad. Nauk SSSR. Dok. 84:1265-1268. Ref. June 21,1952. 511 P444A

92598 DIXSAUT, A. Conséquences du traitement des mammites par les antibiotiques. Défense Agr. de la Beauce et du Perche 49:356-358. Aug.16,1952. 14 D36
In cattle.

92599 EVELETH, D. F. Castration of calves & lambs. N. Dak. Agr. Expt. Sta. Bimon. B. 14:237-238. July/Aug.1952. 100 N813B

92600 FELL, H. B., and BRIEGER, E.M. A comparative study of the reaction in vivo and in vitro of rabbit tissues to infection with bovine tubercle bacilli. I-II. J. Hyg. 49:181-200. Ref. June/Sept.1951. 449.8 J82
B. R. Smith, joint author of II.

92601 FIENNES, R. N. T. W. The cattle trypanosomiases. Brit. Vet. J. 108:298-306. Ref. Aug.1952. 41.8 V643

92602 FLEMING, R. D. Bovine leptospirosis appears in varied forms. Amer. Hereford J. 43(9):104. Sept.1, 1952. 43.8 Am32

92603 FLORENT, A., and GRUSLIN, G. Du diagnostic de la trichomoniase du bétail. Ann. de Méd. Vét. 96: 191-198. May 1952. 41.8 An78

92604 FLORENT, A., and GRUSLIN, G. Du traitement et de la prophylaxie de la trichomoniase du bétail. Ann. de Med. Vét. 96:199-208. May 1952. 41.8 An78

92605 FRANCIA, F. DEL. Diarrhea of heifers. (In Italian.) Agr. Tosc. 7:235-236. July 1952. 16 Ag827

92606 GALLINA, G. Persistent corpus luteum in the cow. (In Italian.) Croce Azzurra 3(2):17-32. (Cont.) Mar./Apr.1952. 41.8 C87

92607 GARNETT, K. J. Internal parasites of cattle and goats in Fiji. Fiji. Dept. Agr. Agr. J. 23(1):17-20. Mar.1952. 25 F47Ag

92608 GESSERT, C. F., and others. Concentrations of certain minerals in the blood and livers of cattle as related to trace mineral supplementation and bovine brucellosis. J. Dairy Sci. 35:693-698. Ref. Aug.1952. 44.8 J822
D. T. Berman, J. Kastelic, O. G. Bentley, and P. H. Phillips, joint authors.

92609 GOTZE, R., and MERKT, H. Gutachten über einen unfruchtbaren jungbullen mit hodenhypoplaisie. Fortpflanzung u. Besamung der Haustiere 1:7. Aug.15, 1951. 41.8 F773

92610 GROSSIEN. Zum tuberkuloseproblem. Deut. Tierarztl. Wchnschr. 59:231-233. Aug.1,1952. 41.8 D482
Cattle.

92611 HARTNELL, W. Bovine pregnancy work. Jersey B. 71:946-947,976. July 10,1952. 43.8 J48

92612 HAUPT, H. The correct species name of the streptococcus of bovine mastitis. Internatl. B. Bact. Nomencl. & Taxonomy 2:104-106. Ref. Aug.15,1952. 448.3 In8

92613 HENDERSON, G. W. Pathological conditions resulting from generative disorders of metabolism. Canad. J. Compar. Med. 16:300-309. Aug.1952. 41.8 C162
Estrus disorders in cattle.

92614 HENNING, M. W. A preliminary report on the therapeutic value of chloromycetin for the treatment of calf paratyphoid (Salmonella dublin infection). So. African Vet. Med. Assoc. J. 23:86-87. June 1952. 41.8 So8

92615 HIRAIWA, Y. K., and UCHIDA, T. A case of bovine quadruplets. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:401-405. Nov.1951. 107.6 K995B
English summary.

92616 HODGES, H. G., and others. Bovine mastitis. N. Y. State Vet. Col. Rpt. 1949/50:87-103. 1951. 41.9 N482R
S. D. Johnson, E. W. Tucker, and M. G. Fincher, joint authors.

92617 KIMMEL, R. E. Surgical intervention. Soeast. Vet. 3(3):29. Spring 1952. 41.8 Un32
Hematoma in a bull.

92618 KLUSSENDORF, R. C. Infectious keratitis or pinkeye. No. Amer. Vet. 33:616,622. Sept.1952. 41.8 N812
Cattle.

92619 KRÜGER, W. Uber die eigenheiten des krankheitsverlaufs beim gelben galt des rindes und seine beeinflussung durch die antibiotica. Tierärztl. Umschau 7:259-265. Ref. Aug.1952. 41.8 T445

92620 KUTLEŠA, I. La tuberkulose des boeufs et les problèmes de la tuberculinisation; un aperçu sur les résultats de la tuberculinisation, dans l'arrondissement de Bijeljina et de Dubica. (In Serbo-Croatian.) Vet. Glasnik 6:15-28. Ref. Jan.1952. 41.8 J93

92621 LAGERLÖF, N. Infection of cattle with spirilla or Vibrio fetus. (In Swedish.) SRB 25:16-18. 1952. 43.9 Av32

92622 LARSEN, P. H. Opsonic indexes of cattle following injections of a Brucella abortus bacterin. N. Y. State Vet. Col. Rpt. 1949/50:178-195. Ref. 1951. 41.9 N482R

92623 LETROTEUR, R. Quelques observations sur la tuberculose bovine à Bobo-Dioulasso (Haute-Volta). French West Africa. Insp. Gén. de l'Elevage. B. des Serv. de l'Elevage et des Indus. Anim. 5:25-32. Jan./Mar. 1952. 41.9 F88B

92624 LIEBSCH, A. Zur behandlung der mastitiden mit molekularem jod. Tierärztl. Umschau 7:285-286. Aug.1952. 41.8 T445

92625 LOPEZ ARANGUREN, J. La distomatosis o mal del hígado en bovinos. Mundo Agr. 4(38):64-65. July 1952. 9 M92

92626 LUQUE, J. M. S. Notas clínicas sobre diagnóstico y tratamiento de las enfermedades de la panza en los bóvidos. II. Veterinaria [Madrid] 16:595-609. July 1952. 41.8 V6429

92627 MCCLURE, T. J. Correlation study of bovine erythrocyte antigen A and butterfat test. Nature [London] 170:327. Aug.23,1952. 472 N21

92628 MACEDO, J. N. Care of pregnant cows. (In Portuguese.) Gado Holandês 16(181):10. Jan.1952. 43.8 G112

92629 MAHADEVAN, P. Variation of performance in dairy cattle. Trop. Agr. 109:239-243. Oct./Dec.1951. 26 T751

92630 MANEELY, R. B. Note on the ageing of bovine embryos. Vet. Rec. 64:509-511. Ref. Aug.30,1952. 41.8 V641

92631 MANSJOER, M. Variola in buffaloes in Indonesia. Hemera Zoa 58:547-556. Ref. Oct.1951. 41.8 V51

92632 MARKOVIC, B. A contribution to the knowledge of metritis during pregnancy in the cow. (In Serbo-Croatian.) Vet. Glasnik 6:46-51. Ref. Jan.1952. 41.8 J93

92633 MAXSON, M. Case report of bovine paraplegia. Speculum 5(2):24,44. Winter 1952. 41.8 Sp3

92634 MAXSON, M. Diprosopus tetrophthalmus. Speculum 5(3):44. Spring 1952. 41.8 Sp3
Case of a calf.

92635 MERKT, H., and SANCHEZ-GARNICA, C. Die entnahme einer zervixtupferprobe zur mikrobiellen untersuchung. Fortpflanzung u. Besamung der Haustiere 2:10-12. Feb.15,1952. 41.8 F773

92636 MILLS, A. M. Mycoban. Soeast. Vet. 3(3):12. Spring 1952. 41.8 Un32
For acetonemia in cattle.

92637 MULLER-BAUR, H. Ursachen des gebärmutterkatarrhs beim rind. Grüne 80:866-867. Aug.1,1952. 17 Sch9

92638 PETRELIUS, T. Advice in cases of rumen indigestion in calves. (In Swedish.) Ladugården 7:196-198. July 1952. 44.8 L12

92639 PETRELIUS, T. How to prevent peritoneum injuries in cattle. (In Swedish.) Ladugården 7:205-206. July 1952. 44.8 L12

92640 PETROVIĆ, A. Hématurie essentielle chez les bovins dans l'arrondissement de Bajina Bašta. (In Serbo-Croatian.) Vet. Glasnik 6:199-200. Mar.1952. 41.8 J93

92641 PLASTRIDGE, W. N., and others. Vibriosis in cattle. Conn. (Storrs) Agr. Expt. Sta. B. 281,54 p. Ref. Dec.1951. 100 C76S
L. F. Williams, H. L. Easterbrooks, E. C. Walker, and R. N. Beccia, joint authors.

92642 POMMIER, G. H. Les maladies des bovins. Paris,Vigot Frères,1952. 135 p. (His Collection des Maladies des Animaux Domestiques, 2) 41 P772M

92643 POZAJIĆ, D. On accidents which occur in connection with calf-bearing and delivery. (In Serbo-Croatian.) Stočarstvo 6:235-240. May 1952. 43.8 St6

92644 RODABAUGH, D. E., COMFORT, J. E., and ELDER, C. Brucellosis with a control plan for beef cattle. Mo. Agr. Expt. Sta. B. 575,12 p. Apr.1952. 100 M693

92645 ROZA, M. Ein besonderer fall von pericarditis traumatica beim rind. Hemera Zoa 58:509-514. Sept.1951. 41.8 V51
English summary.

92646 SAUER. Quarantäne für auktionsbullen. Fortpflanzung u. Besamung Haustiere 1:21. Oct.15,1951. 41.8 F773
Prevention of disease.

92647 SAVIĆ, I., and ŽAKULA, R. Contribution à l'étude des germes du genre Salmonella et leurs fréquence chez les bovins, tenant compte des affections du foie et la préparation des animaux pour la boucherie. (In Serbo-Croatian.) Vet. Glasnik 6:4-14. Ref. Jan. 1952. 41.8 J93
German summary.

92648 SCHARINGER. Warum vormelk-kontrolle? Allgäuer Bauernbl. 20:425-426. Aug.14,1952. 18 AL53
Udder sanitation.

92649 SCHIPPER, I. A., and PETERSEN, W. E. Milk, blood and urine concentrations of aureomycin after intramammary infusions and intravenous administration [in cattle]. Vet. Med. 47:367-371. Sept.1952. 41.8 M69

92650 SCHNAUTZ, J. O., and BONE, J. F. Actinomycosis of the heart and joints in the bovine. No. Amer. Vet. 22:617-619,627. Sept.1952. 41.8 N812

92651 SIMPSON, C. F. Florida's 8-point dairy program. Fla. Dairy News 3(6):12,23. Aug.1952. 44.8 F66
Control of disease in cattle.

92652 SINNIAH, S. A. Premunition of cattle against tick fever. Trop. Agr. 109:236-238. Oct./Dec.1951. 26 T751

92653 SMITH, D. L. T., and PERRY, D. A. Bovine leptospirosis. Canad. J. Compar. Med. 16:294-299. Ref. Aug.1952. 41.8 C162
Canada.

92654 SORIA, G. E. La edad de los bovinos. Hacienda 47(9):54. Sept.1952. 6 H11

92655 STUMP, C., and TOMPPERT, H. Entwicklung, organisation und stand der bekämpfung der rindertuberkulose in Nordwürttemberg. III. Monatsh. f. Prakt. Tierheilk. 4:232-240. Ref. 1952. 41.8 M74

92656 SUAREZ NELSON, M. La ubre de la ternera, dice cómo será la vaca. Rev. Ganad. [Habana] 12(8):29-30. Aug.1952. 49 R321

92657 TARLATZIS, C., and CHRISTODOULOU, T. Les mammites des vaches et leur importance pour la santé publique. (In Greek.) Hellen. Kteniatrikes Hetaireias. Delt. Ser. B 2:53-61. Ref. Apr./June 1951. 41.9 So18
French summary.

92658 TAYLOR, H. S. Amputation of the digit in the bovine. Vet. Rec. 64:466-467. Aug.9,1952. 41.8 V641

92659 THOMAS, J. W., JACOBSON, W. C., and MOORE, L. A. Factors unrelated to vitamin A intake that influence plasma vitamin A concentration. J. Dairy Sci. 35:679-686. Ref. Aug.1952. 44.8 J822

92660 THOMAS, J. W., and MOORE, L. A. Plasma and storage levels of vitamin A and carotene in relation to intake by calves on different diets. J. Dairy Sci. 35: 687-692. Aug.1952. 44.8 J822

92661 THORDAL-CHRISTENSEN, A. Two cases in cattle of green-coloured mutiple neoplasms with a pronounced infiltration of eosinophile (chloroma). (In Danish.) Nord. Vetmed. 4:755-770. Ref. Aug.1952. 41.8 N813
English summary.

92662 TRAUTWEIN, K. Stand der rindertuberkulose in Südbaden. Monatsh. f. Prakt. Tierheilk. 4:310-330. 1952. 41.8 M74

92663 VAITSMAN, J. A disease of cattle transmissible to man. (In Portuguese.) Lav. e Criação 13(5):23-24. May 1952. 49 L392
Brucellosis.

92664 VAITSMAN, J. Acetonemia of dairy cattle. (In Portuguese.) Gado Holandês 16(182):28-29. Feb. 1952. 43.8 G112

92665 VAN DRIMMELEN, G. C. Brucella abortus vaccination followed by a period of lowered resistance to exposure to infection. So. African Vet. Med. Assoc. J. 23:93. June 1952. 41.8 So8

92666 WILLMOTT, S., and PESTER, F. R. N. Variations in faecal egg-counts in paramphistome infections as determined by a new technique. J. Helminthol. 26:147-156. 1952. 436.8 J82
In cattle feces.

92667 WOELFFER, E. A. Cystic ovaries—they interfere with reproduction. Hoard's Dairyman 97:739. Sept.10,1952. 44.8 H65

Miscellaneous

92668 ALVIM, D. DE R. Qualities of a good milker. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:126. 1951. 41.8 V6435

92669 ASSOCIAÇÃO PAULISTA DE CRIADORES DE BOVINOS. Report of work in 1951. (In Portuguese.) Rev. dos Criadores 23(5):4-11. May 1952. 43.8 R32

92670 BAILEY, J. W. If healthy they'll show better. South. Livestock J. 12(3):6. Sept.1952. 43.8 F66A
Cattle.

92671 BASKIN, B. J. Sale day brings climax to work. Tex. Hereford 2:6,16-17. Aug.1952. 43.8 T31

92672 BEATTIE, W. A. Beef cattle can be greatly increased. Chamber Agr. Victoria. Ybk. 1952:21,23-25, 27-30. 23 V663
Includes discussion.

92673 BEATTIE, W. A. The management of cattle stations.IX. General routine. Past. Rev. 67:706-707. July 16,1952. 23 Au75

92674 BELLAIR, T. S. How to expand dairying? Chamber Agr. Victoria. Ybk. 1952:31,33,35. 23 V663
Includes discussion.

92675 BIBLE, G. Southeast seen as new reservoir for beef as population increases. Tex. Hereford 1(11):6, 17. June 1952. 43.8 T31

92676 BRAMO, U. Application to dairy cattle of the mean coefficient of standardization. (In Italian.) Humus 8(6):8-9. June 1952. 16 H88

92677 BUDDE. Milchkontrollergebnisse und kalbezeiten. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A: 1247-1248. Aug.14,1952. 18 L2346

92678 BURLESON, R. E., and MEEKMA, A. M. Dairy handbook for Texas. Tex. Agr. Col. Ext. B. 190,15 p. June 1951. 275.29 T312

92679 CONNELLY, R. G. Raise dairy calves for profit. South. Planter 113(9):8,20-21. Sept.1952. 6 So89
Care and feeding.

92680 COYNER, J. Tattooing is a simple task. Breeder-Stockman 14(4):14-15,65,70. Sept.1952. 49 V81

92681 DEEWALL, O. Fitting and showing. Shorthorn World 37(10):287-289. Aug.10,1952. 43.8 Sh8
Calves.

92682 DIETRICH, J. P., and MORRIS, J. L. Raising dairy calves. Md. Agr. Col. Ext. Fact Sheet 53,4 p. n.d. 275.29 M36Fa

92683 DRACY, A. E. Noseprints, an accurate means of identifying cattle. S. Dak. Farm & Home Res. [S. Dak. Sta.] 3:105-106. Summer 1952. 100 So82S

92684 FJELKNER, P. A. Simplified judging of livestock. (In Swedish.) Lantmannen 36:644. Aug.16,1952. 11 L234
Chiefly cattle.

92685 FRANCIS, F. C. The "tender year"; in many ways the mature individuals in your herd reflect what took place between the ages of six and eighteen months. Shorthorn World 37(10):180,182-183. Aug.10,1952. 43.8 Sh8

92686 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Futter und leistung saubere milch, keine milchgeldabzüge! Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 19,8 p. July/Aug.1951. 18 G312V
Sanitation in milking and milk handling.

92687 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Milchleistungsprüfung—was bringt sie mir? Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 40,7 p. Feb.1952. 18 G312V

92688 GOEN, O. F. Beef cattle in Florida. Amer. Hereford J. 43(9):146. Sept.1,1952. 43.8 Am32

92689 GOMES, P. Cattle in Brazil. (In Portuguese.) Bras. Açucareiro 39:267-269. Mar.1952. 65.8 B73

92690 HANSSON, A. Simplification of the work in the dairy barn. (In Norwegian.) Buskap og Avdrått 2:22-23. 1952. 49 B96
Effect of milking on milk yield and composition.

92691 HENTGES, J. F. Approved practices outlined for cattlemen. Fla. Cattleman 16(12):54,56. Sept.1952. 43.8 F66

92692 HILLIER, R. Selección de la vaca lechera. Dominican Repub. Sec. de Estado de Agr. Pecuaria y Colon. Agr. 42(196):20. Apr./June 1952. 8 R323

92693 HUNTER, W. T. Progeny testing in Denmark. Canad. Jersey Breeder 7(7):11,39-41. July 1952. 43.8 C165

92694 IRELAND. DEPT. OF AGRICULTURE. Factors influencing the composition of milk. Ireland. Dept. Agr. L. 111,3 p. Feb.1952. 10.5 Ir42

92695 JONES, H. W. New ranching venture in Tanganyika. New Commonwealth 24:232-234. Sept.1, 1952. 280.8 C88
Cattle.

92696 KNIGHT, E. D. A good bull cannot have a bad color. Shorthorn World 37(10):252-257. Aug.10,1952. 43.8 Sh8
Judging.

92697 KORKMAN, N. Exterior versus production. (In Swedish.) Lantmannen 36:626-627. Aug.9,1952. 11 L234
Judging dairy cattle.

92698 LARGENT, R. R. Show ring competition hailed as inspiration to breed improvement and type stabilization. Tex. Hereford 1(11):7,16. June 1952. 43.8 T31

92699 LUCE, A. D. L'expo de Lachute envahie par des éleveurs réputés. B. des Agr. 34(8):14-15. Aug. 1952. 7 B872
Cattle show.

92700 MEN'SHOV, B. Increasing the fat content of milk in [dairy] cattle. (In Russian.) Kolkhoz. Proizvodstvo 12(5):36-38. May 1952. 281.8 K83

92701 MESSERSCHMIDT, H. Ergebnisse der milchleistungsprüfungen im jahre 1950. Arbgemeinsch. Deut. Rinderzüchter. Schrreihe. 8,63 p. 1951. 43.9 Z4

92702 NEAL, E. M., HALL, R. A., and JONES, J. H. Year-round farm beef production, Beeville station, 1950-51. Tex. Livestock J. 11(8):9,68. Aug.15,1952. 49 T29
Substation of the Texas College Station.

92703 NETTO, F. A. Dairy industry contests. (In Portuguese.) Rev. dos Criadores 23(6):13-16. June 1952. 43.8 R32
Brazil.

92704 OUELLET, A. Ce que nous devons faire. Canad. Ayrshire Rev. 33:103-104. Aug.1952. 43.8 Ay72
Better cattle raising.

92705 PACI, C. Cattle: the meat problem. (In Italian.) Riv. di Zootec. 25:226-229. July/Aug.1952. 49 R52

92706 PAYNE, W. J. A. Acclimatisation studies. Fiji. Dept. Agr. Agr. J. 23(1):7-9. Mar.1952. 25 F47Ag
Heat tolerance of dairy cattle.

92707 RICHARDSON, T. C. Southwestern cattlemen seek to cut stock losses through better brand inspection laws. Farmer-Stockman 55(9):14,32,38. Sept.1952. 6 Ok45

92708 RUNEFORS, O. The cattle herd at Lyckås. (In Swedish.) SRB 25:10-15. 1952. 43.9 Av32
Yield.

92709 SCHAUS, R. Raising feeders at U Fork ranch in Arizona is a three-pronged operation. West. Livestock J. 30(50,sect.2):26-27,29,31-32,55-56. Aug.28,1952. 6 F2278

92710 SHEETS, E. W. Facts about performance testing. Amer. Hereford J. 43(9):38,42,46,48,50. Sept.1,1952. 43.8 Am32

92711 SUNDBY, J. A clean barn, pure air, clean animals and clean milk promotes health and quality. (In Norwegian.) Buskap og Avdratt 2:4-5. 1952. 49 B96

92712 SUTISNO, R. About some arrangements and prescriptions in the Islam, referring to cattle, slaughtering of cattle, and the use of foodstuffs of animal origin. Hemera Zoa 59:26-53. Jan./Feb.1952. 41.8 V51

92713 TAPIAS, R. Factores que determinan la cantidad y calidad de la leche. Cult. Mod. 35:249-250. July 1952. 15 C89

92714 VOLPINI, A. Questionable opinions on draft cattle. (In Italian.) Allevatore 8(31):3. Aug.3,1952. 49 AL55

92715 WHITEHEAD, G. K. The passing of draught oxen. Country Life [London] 112:758-759. Sept.12,1952. 80 C83

92716 WILLIAMSON, G. E. How to handle cattle. Livestock Wk. 6(39):8-11. July 31,1952. 49 L753
Equipment.

92717 YADON, Z., and YOLANI, H. On early milking. (In Hebrew.) Hassadeh 32:390-391. May 1952. 26 H27

92718 ZUBRYN, E. Mexico embarks on bigger beef [cattle] industry. Amer. Cattle Prod. 34(4):37-38. Sept. 1952. 49 P94

DOGS AND CATS

Breeds and Breeding

92719 BURNS, R. D. Artificial insemination in the canine. Speculum 5(2):8-11. Winter 1952. 41.8 Sp3

92720 CASPERSZ, D. S. The Scottish Terrier handbook; giving the origin and history of the breed, its show career, its points and breeding. London,Nicholson & Watson,1951. 124 p. Ref. (Dog Lover's Library 7) 48 C273

92721 CHADWICK, W. E. The Borzoi handbook, together with a translation of The Perchino hunt by Walzoff. London,Nicholson & Watson,1952. 241 p. (Dog Lovers Library 12) 48 C34

92722 GRAY, T. The Corgi. London,Chambers,1952. 60 p. 48 G793

92723 JUDE, A. C. Genetics and color inheritance. All-Pets Mag. 23(9):96,98,101. Sept.1952. 48.8 AL5
Cats.

92724 KING, B. Let's reverse the trend. Cocker Spaniel Visitor 14(8):5-6. Aug.1952. 48.8 C64
Top five dog breeds.

92725 KLUB FÜR TERRIER. Zuchtbuch, v. 42 (1951). Frankfurt am Main,1951. 215 p. 48.9 K69

92726 MURR, L. J. What every breeder-exhibitor should know. Amer. Kennel Gaz. 69(9):18. Sept.1952. 48.8 Am3

92727 TENENT, R. Dogs:the Basenji. All-Pets Mag. 23(8):56,58. Aug.1952. 48.8 AL5

92728 VEREIN FÜR DEUTSCHE SCHÄFERHUNDE. 1951 zuchtbuch für deutsche Schäferhunde, v. XLII-XLIII. Augsburg,1951. 226 p. 48.9 D48

Feeds and Feeding

92729 SODERBERG, P. M. Vitamins and minerals for feeding cats. All-Pets Mag. 23(8):65-66. Aug.1952. 48.8 AL5

Veterinary Medicine

92730 ANTONETTI, F. Experimental research on Rickettsia burnetti infection in dogs. (In Italian.) Zooprofilassi 7:249-254. June 1952. 41.8 Z72
English summary.

92731 BAUER, F. Die toxoplasmose des hundes und die bedeutung der komplementbindungsreaktion nach Westphal bei ihrer diagnosestellung. Tierärztl. Umschau 7:265-267. Ref. Aug.1952. 41.8 T445

92732 BLAKELY, C. L. Small animal surgery. (Sum.) Speculum 5(3):11,57. Spring 1952. 41.8 Sp3
Chiefly dogs.

92733 BONFANTI, C. Observations on the cutaneous tubo-glomerular glands in mammae of dogs. (In Italian.) Riv. di Med. Vet. e Zootec. 4:51-56. Mar./Apr.1952. 41.8 R522
English summary.

92734 BROUWERS, J. Un cas chirurgical peu fréquent. Ann. de Méd. Vét. 96:267-268. June 1952. 41.8 An78
Removal of foreign object in a dog.

92735 CANDLIN, F. T., and LEVINE, M. H. The use of beta radiation on corneal lesions in the dog. No. Amer. Vet. 33:632-639. Sept.1952. 41.8 N812

92736 CARVALHO FILHO, A. DE. Plastic surgery and the afflictions of the auricular region in the dog. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:133-135. 1951. 41.8 V6435

92737 CATCOTT, E. J. Antibiotic inhalation therapy. Speculum 5(3):5,44-45. Spring 1952. 41.8 Sp3
Used with dogs.

92738 CLARK, C. Techniques used in feline practice. Speculum 5(3):12-13,60. Spring 1952. 41.8 Sp3

92739 CLARK, R., and WEISS, K. E. The efficacy of methylamphetamine as an analeptic in pentobarbital sodium overdosage. So. African Vet. Med. Assoc. J. 23:79-83. June 1952. 41.8 So8
For dogs and cats.

92740 DARMAN, A. J., ERNST, A. M., and SIKAR. Myositis eosinophilica in Alsatian wolf dogs. (In Dutch.) Hemera Zoa 59:153-157. Mar./Apr.1952. 41.8 V51
English summary.

92741 DARRASPEN, E., and others. Les électrocardiogrammes du chien normal. Rev. Vét. Mil. 6:10-25. Ref. 1951. 41.8 R3295
R. Florio, P. Benazet, and P. A. Soulie, joint authors.

92742 DOCTON, F. L. Feline pneumonitis. Speculum 5(3):6-7,51,53. Ref. Spring 1952. 41.8 Sp3

92743 DRAČA, P. Traitement chirurgical réussi de la rupture utérine spontanée chez une chatte. (In Serbo-Croatian.) Vet. Glasnik 6:201-206. Mar.1952. 41.8 J93

92744 EL-GINDY, H. The presence of Demodex canis in lymphatic glands of dogs. Amer. Vet. Med. Assoc. J. 121:181-182. Sept.1952. 41.8 Am3

92745 ERNST, A. M., and SIKAR. Hard pad disease. (In Dutch.) Hemera Zoa 59:103-104. Jan./Feb.1952. 41.8 V51

92746 FENNER, C., and SCHINDLER, R. Ein beitrag zur frage der hartballenkrankheit. Monatsh. f. Prakt. Tierheilk. 4:289-300. Ref. 1952. 41.8 M74

92747 HALL, L. W. A report on the clinical use of bis (β-dimethylaminoethyl)-succinate bisethiodide ("Brevidil E," M. & B. 2210) during anaesthesia in the dog. Vet. Rec. 64:491-493. Aug.23,1952. 41.8 V641

92748 KRANEVELD, F., and DJAENOEDIN, R. Some severe cases of Spirocerca lupi infections (Strongylus lupi, Spiroptera, Spirocerca, Filaria sanguinolenta). (In Dutch.) Hemera Zoa 59:101-102. Jan./Feb.1952. 41.8 V51
Dogs.

92749 LAWRENCE, J., and MEISELS, R. A lateral canine hermaphrodite. Amer. Vet. Med. Assoc. J. 121: 171-172. Sept.1952. 41.8 Am3

92750 MANN, P. H. A note on the incidence of heartworm, Dirofilaria immitis, in cats in New York City. No. Amer. Vet. 33:630. Sept.1952. 41.8 N812

92751 MASON, M. M., and LEBEAUX, M. Marsupialization in a cat with pyometra. No. Amer. Vet. 33:642-643. Sept.1952. 41.8 N812

92752 MEHLS, H. I. Uber die stuttgarter hundeseuche. Pirsch 4:522-523. Aug.2,1952. 410 P66

92753 MILLAR, R., and TUCKER, R. Nervous symptoms developed in the chondrodystrophic dog. Brit. Vet. J. 108:293-298. Ref. Aug.1952. 41.8 V643

92754 NEWBERRY, W. E., and GIER, H. T. Determination of breeding time in the bitch from vaginal smears. Vet. Med. 47:390-392. Sept.1952. 41.8 M69

92755 NORD, S. D. Value of blood examinations in diagnosis of canine and feline diseases. Vet. Med. 47: 375-376,384. Sept.1952. 41.8 M69

92756 PALMER, J. R. The use of curare in dogs (a preliminary report). Soeast. Vet. 3(3):10,26. Spring 1952. 41.8 Un32

92757 PLOMMET, M. Electrocardiographie chez le chien. Rev. Vét. Mil. 7:73-91. 1952. 41.8 R3295

92758 REMLINGER, P., and BAILLY, J. Propriétés du sérum des chiens réfractaires à la rage. Inst. Pasteur d'Algérie. Arch. 30:111-114. June 1952. 448.3 In7A

92759 RIPPS, J. H. Diarrhea associated with pancreatic disease. Amer. Vet. Med. Assoc. J. 121:189-190. Sept.1952. 41.8 Am3
Case of a dog.

92760 RUDY, R. L. Malignant melanoma in the canine (a case report). Speculum 5(2):21,53. Winter 1952. 41.8 Sp3

92761 RUNNELLS, R. A. Canine histoplasmosis in central Kentucky. No. Amer. Vet. 33:640-642. Sept.1952. 41.8 N812

92762 SCHNELLE, G. B. Progressive retinal atrophy in a dog. Amer. Vet. Med. Assoc. J. 121:177-178. Sept.1952. 41.8 Am3

92763 SEIBOLD, H. R., and BAILEY, W. S. An epizootic of hepatitis in the dog. Amer. Vet. Med. Assoc. J. 121:201-206. Sept.1952. 41.8 Am3

92764 SEWELL, R. L. The importance of skeleton and teeth. Dog World [Bradford] (n.s.)35:1220. Aug.1, 1952. 48.8 D674

92765 SOUZA, C. C. DE. Diagnosis of pneumonopathy in dogs. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:95-100. 1951. 41.8 V6435

92766 SPENCER, J. N. Compenamine and procaine penicillin; comparative plasma levels in dogs. Vet. Med. 47:377-379. Sept.1952. 41.8 M69

92767 ULLRICH, K. Zur entwurmung beim hunde. Tierärztl. Umschau 7:284-285. Aug.1952. 41.8 T445

92768 VENDRAMINI, R., BRUNI, A., and MAJORI, L. On the presence of a virus in leukemic dogs analogous to that in human leukemia. (In Italian.) Arch. Vet. Ital. 3: 53-62. Ref. Feb.28,1952. 41.8 Ar25
Enclish summary.

92769 WÜLLER, H. Die röntgendiagnostik beim hunde unter besonderer berücksichtigung der inneren erkrankungen. I. Monatsh. f. Vetmed. 7:300-303. Ref. Aug.1,1952. 41.8 M742

Miscellaneous

92770 DAY, J. W. Dogs that use their brains. Country Life [London] 112:674-675. Sept.5,1952. 80 C83

92771 FRAMPTON, M. E. What obedience training has meant at Buddies, Inc. Amer. Kennel Gaz. 69(9):14-15,97-98. Sept.1952. 48.8 Am3

92772 PALMER, G. F. Methods that do not pay; harsh training methods do not pay. N. Z. Dog World 7(5): 2-3. June 1952. 48.8 N48

92773 RAY, T. Dogs go to school. N. Mex. 30(9):18-19,56-57. Sept.1952. 288.8 N46

92774 SEWARD, W. R. The shepherd's dog. Young Farmer 20:256-257,259. July/Aug.1952. 10 Y8

92775 SMITH, K. E. Do dog shows improve the breed? Amer. Kennel Gaz. 69(9):16,25. Sept.1952. 48.8 Am3

92776 WARD, J. D. U. Dogs at the tread-wheel. Country Life [London] 112:597. Aug.29,1952. 80 C83

FUR ANIMALS - PEN RAISED

Breeds and Breeding

92777 DAVIDSON, J. L. Reproduction in mink and fox with special references to the use of the hormone treatment. U. S. Fur Rancher 30(8):3,10. Mar.1952. 412.629 Am3M

92778 SHACKELFORD, R. M. The genetics of certain white mink. Amer. Fur Breeder 25(9):10-12. Sept.1952. 410 Am33

Feeds and Feeding

92779 JARL, F., and NORDFELDT, S. Feeding blood preserved with formic acid to fur animals. (In Swedish.) Vara Pälsdjur 23:189-197. July 15,1952. 410 V42

92780 LALOR, R. J. Feeding fish and unborn calves; fat content of feed; antibiotics. Black Fox Mag. & Mod. Mink Breeder 36(4):7-8,27. Aug.1952. 410 B56
For minks.

92781 LANDON, H. How to process poultry by-products. Black Fox Mag. & Mod. Mink Breeder 36(4):9,16-17 Aug.1952. 410 B56
For mink feed.

92782 RIMESLÄTTEN, H. Experiments with fresh slaughter waste, fresh fish and dried animal feed for mink kits. (In Norwegian.) Norsk Pelsdyrbl. 26:309-313. (Cont.) Aug.5,1952. 412.628 N812

92783 WATT, P. R. Mink nutrition research. Progress report No. 2. Fur J. 18(9):5-6. (Cont.) May/June 1952. 412.628 F969

92784 WORDEN, A. N. A study of nutrition in mink. 2. (Sum.) Brit. Fur Trade 34:316-317. Aug.1952. 412.628 B77

92785 WORDEN, A. N. A study of nutrition in mink. 3. Brit. Fur Trade 34:352-353. Sept.1952. 412.628 B77

Veterinary Medicine

92786 KULL, K. E., and MOBERG, K. Die häufigkeit des botulismus bei futtervergiftungen des nerzes in Schweden 1951. Nord. Vetmed. 4:771-779. Aug.1952. 41.8 N813
English summary.

92787 NEWBERNE, P. M. Scrotal hernia in a South American chinchilla. No. Amer. Vet. 33:631. Sept.1952. 41.8 N812

92788 RACHMAN, M. Blood picture in chinchillas. No. Amer. Vet. 33:630-631. Sept.1952. 41.8 N812

Miscellaneous

92789 OREGON. STATE COLLEGE. Fur farming; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 14,11 p. Aug.1952. 100 Or3O

92790 SCHWAB, G. R. Raising chinchillas for profit. Rev. and enl. Toronto,Fur Trade J. of Canada,1952. 141 p. 412.62 Sch9

92791 SELL, F. W. Indoor judging; the story behind the new lighting system. Black Fox Mag. & Mod. Mink Breeder 36(4):10,20-21. Aug.1952. 410 B56
Minks.

HORSES AND MULES

Breeds and Breeding

92792 ANDERSEN, S. G. Horse breeding in Nordland. (In Norwegian.) Våre Hester 29(1):12. Mar.1952. 42.8 V42

92793 BIELANSKI, W. Characteristics of the semen of stallions; macro-and microscopic investigations with estimation of fertility. Akad. Umiej. Wydz. Mat.-Przyrodniczy. Mém Sér. B: Sci. Nat. 16,59 p. Ref. 1950,pub. 1951. 512 K85M

92794 BLOODSTOCK BREEDERS' AND HORSE OWNERS' ASSOCIATION OF IRELAND. The Irish horse, v. 19. Dublin,1951. 527 p. 42.8 Ir4
Thoroughbreds.

92795 BLOOMHILL, G. How to breed and train your own mounts. Good Husb. 2(10):15; (11):12-14. (Cont.) June-July 1952. 24 G59

92796 BURCH, P. M. Training Thoroughbred horses: training two-year-olds.1-?. Blood-Horse 64:548-550,624-625. Sept.6,20,1952. 42.8 T392

92797 CAR, M. A contribution to the knowledge of mechanical make-up of our Lippizani [horse]. (In Serbo-Croatian.) Stočarstvo 6:211-223. May 1952. 43.8 St6
German summary.

92798 CHEBAEVSKIĬ, V. F. Some problems of zootechnical selections at the saddle horse stud farms. (In Russian.) Konevodstvo 22(5):1-13. May 1952. 42.8 K832
For pedigree breeding.

92799 CRONIN, M. T. I. Infertility in Thoroughbred mares. Irish Horse 19:196-198. 1951. 42.8 Ir4

92800 DENHARDT, B. What type is best to carry on the esteemed value of the Quarter Horse? Horse Lover's Mag. 17(2):24,48,56. Aug./Sept.1952. 42.8 H7852

92801 DOERR, M. E. A historical sketch of the American Standardbred. Speculum 5(2):18-20,51. Winter 1952. 41.8 Sp3

92802 DRAGALEV, P. I. Fundamental improvement of Kabardinskaĭa breed of horses at Stalin Stud Farm [in Kislovodsk District, Stavropol Territory]. (In Russian.) Konevodstvo 22(7):23-32. July 1952. 42.8 K832

92803 ÉFENDIEV, N. M., and DZAKHOEV, A. M. Azerbaidzhan (Kazakhskaia) horse. (In Russian.) Konevodstvo 22(7):33-41. July 1952. 42.8 K832

92804 FANTO-KURTOS, R. H. The Lippizzaner. Irish Horse 19:232-236. 1951. 42.8 Ir4

92805 GAUSTAD, M. Some observations on this year's stallion show at Bjerke and on horse breeding in general. (In Norwegian.) Våre Hester 28(2):6-7. June 1951. 42.8 V42

92806 GOODMAN, J. K. Influence of Thoroughbred blood in the Quarter Horse: past, present, and future. Cattleman 39(4):72-75,122,124,126,128,130. Sept.1952. 49 C29
From The Chronicle, Middleburg.

92807 HARRINGTON, L., and HARRINGTON, R. Shetland Ponies return to favor. Family Herald & Wk. Star 83(28):3,11. July 10,1952. 7 F21

92808 HUTCHINSON, W. H. The spotted kings. Cattleman 39(4):230-232,234. Sept.1952. 49 C29
Appaloosa history.

92809 ISUPOV, A. P. Fundamental principles of breeding work with Russian trotters. (In Russian.) Konevodstvo 22(7):1-16. July 1952. 42.8 K832

92810 JYNGE, A. Døle stallions to Värmland. (In Norwegian.) Våre Hester 29(2):7,47. June 1952. 42.8 V42

92811 JYNGE, A. The Dølehest; the old type and the horse to-day. (In Norwegian.) Våre Hester 28(4):6-7. July 1951. 42.8 V42

92812 KHITENKOV, G. G. On a Russian draft breed of horses. (In Russian.) Konevodstvo 22(7):42-45. July 1952. 42.8 K832
Ardennais.

92813 KOROL'KOV, A. G., and LORIÄ, K. F. Results of interspecific crossing of Kabardinsk horses with saddle Thoroughbreds. (In Russian.) Konevodstvo 22(5): 22-28. May 1952. 42.8 K832

92814 KSENZENKO, S. A. Effect of pressure in artificial vagina on ejaculation of stallions. (In Russian.) Dnepropetrovsk. Sel'skokhoz. Inst. Trudy 4:83-91. Ref. 1951. 106 D643

92815 LAIBACH, F. Über die fruchtbarkeit von rückkreuzungen zwischen maultier und pferd. Nat. u. Volk 81:190-193. Aug.1,1952. 509 F856

92816 LETZ, R. B. American Quarter Horse Association. Cattleman 39(4):55-56,82,84,86. Sept.1952. 49 C29

92817 LØWE, H. Breeding small horses in Germany. (In Norwegian.) Våre Hester 29(1):15. Mar.1952. 42.8 V42

92818 OTT, F. Pferdezucht zwischen zwei meeren. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.69, 71. Kiel,1951. 33.27 Sch34

92819 PALOMINO HORSE BREEDERS OF AMERICA. The Palomino. Cattleman 39(4):60-61,92,94,96,98. Sept. 1952. 49 C29

92820 PECK, G. K. Infertility in mares. Vet. Med. 47:359-363,374. Ref. Sept.1952. 41.8 M69

92821 PEDERSEN, A. Fjordhest breeding in Denmark. (In Norwegian.) Våre Hester 28(1):16. Mar.1951. 42.8 V42

92822 POSTNIKOV, G. M. Experiment in introducing artificial insemination into tabun horse breeding. (In Russian.) Konevodstvo 22(5):29-31. May 1952. 42.8 K832

92823 RUNCIMAN, D. Blue blood and boot straps. Canad. Cattlemen 15(8):24-25. Aug.1952. 49 C16
Famous early horses.

92824 ST-PIERRE, A. Le cheval Canadien. Digeste de l'Eleveur 6(11):7-8,43. July 1952. 49 D56

92825 TEIGE, J. On the horse situation and the sterility. (In Norwegian.) Våre Hester 29(1):6-7. Mar. 1952. 42.8 V42

92826 TERRES, D. P. The native horse and its crossing with the English running horse. (In Portuguese.) Granja [Porto Alegre] 8(62):36-38. May 1952. 9.2 G76
Brazil.

92827 TROITSKIĬ, B. V. Greater attention to work with new lines of the Orlov trotter. (In Russian.) Konevodstvo 22(5):14-21. May 1952. 42.8 K832

92828 UPPENBORN. Die stutbuchaufnahmen im jahre 1952. Hess. Pferdezüchter 4:33-35. May 1952. 42.8 H46

92829 WALSH, T. Second to none in the world-reputation of Irish bloodstock. Irish Horse 19:41. 1951. 42.8 Ir4
Selling Thoroughbreds.

Veterinary Medicine

92830 CHIEFFI, A. How to know the age of a horse. (In Portuguese.) Rev. dos Criadores 23(4):30. Apr.1952. 43.8 R32
Teeth.

92831 DACHARY JUSUÉ, M. Tratado teórico-práctico de las cojeras de los equidos. Valladolid, Martín,1951. 637 p. Ref. 41 D112

92832 DELAHANTY, D. D. Sequelae to a lacerated wound. Amer. Vet. Med. Assoc. J. 121:178-179. Sept. 1952. 41.8 Am3
In a mare.

92833 DENIS. Une trouvaille d'autopsie "réticulo-endothéliome" chez le cheval. Rev. Vét. Mil. 7:109-110. 1952. 41.8 R3295

92834 DRAČA, P. Rétrécissement du sabot. (In Serbo-Croatian.) Vet. Glasnik 6:130-134. Feb.1952. 41.8 J93

92835 FACCINCANI, F. Multiple nodular pneumonitis from Cryptococcus farciminosus in a horse. (In Italian.) Arch. Vet. Ital. 3:27-32. Ref. Feb.28,1952. 41.8 Ar25
English summary.

92836 FREY, H. H. Zur frage der hohen epiduralanästhesie beim pferd. Deut. Tierarztl. Wchnschr. 59: 245-247. Aug.15,1952. 41.8 D482

92837 GELI GENER, J. El mal de sangre de los mulares recién nacidos. Ceres [Valladolid] 17(194):33. Aug.1,1952. 15 C33

92838 HAUPT, H. The correct spelling of a specific epithet in the genus Shigella-equirulis versus equuli. Internatl. B. Bact. Nomencl. & Taxonomy 2:107-109. Aug.15,1952. 448.3 In8

92839 HELBERG, H. W. Case report-neoplasm in horse. Soeast. Vet. 3(3):12. Spring 1952. 41.8 Un32

92840 HERZER, H., and ZIMMER, K. L. Ueber eine in der landpraxis ausführbare modifikation der Cuboni-reaktion. Fortpflanzung u. Besamung der Haustiere 2: 21-22. Mar.15,1952. 41.8 F773

92841 KOSOVAC, A., and PAUNOVIĆ, S. Notre experience dans le traitement de l'obstruction de l'oesophage des chevaux par lavage avec deux sondes. (In Serbo-Croatian.) Vet. Glasnik 6:36-40. Jan.1952. 41.8 J93

92842 KRANEVELD, F. D., and DJAENOEDIN, R. A preliminary investigation of an ear inflammation of horses at Timor (secondary myiasis?). (In Dutch.) Hemera Zoa 59:54-60. Jan./Feb.1952. 41.8 V51
English summary.

92843 LOHMAN, F., and MARINIČ, I. The mortality of foals in their first year of life on Lipik-Kutjevo stud farms. (In Serbo-Croatian.) Stočarstvo 6:157-165. Ref. Apr.1952. 43.8 St6
German summary.

92844 LOUW, P. G. J. The urinary excretion of arsenic in the horse. So. African Vet. Med. Assoc. J. 23: 107-109. June 1952. 41.8 So8

92845 MANIATAKIS, I. Elevage des chevaux et doping. (In Greek.) Hellen. Kteniatrikes Hetaireias. Delt. Ser. B 4:160-162. Oct./Dec.1951. 41.9 So18

92846 MANLY, P. Eye glasses for equines. Cattleman 39(4):254-255. Sept.1952. 49 C29

92847 MATTHAIAKIS, E. Existence de la maladie de l'herbe ou grass-disease en Grèce. (In Greek.) Hellen. Kteniatrikes Hetaireias. Delt. Ser. B 3;118-122. July/Sept.1951. 41.9 So18
French summary.
Horses.

92848 MATTHAIAKIS, E. Le foin de luzerne dans l'auto-intoxication intestinale chez le cheval. (In Greek.) Hellen. Kteniatrikes Hetaireias. Delt. Ser. B 4:169-174. Oct./Dec.1951. 41.9 So18
French summary.

92849 MATTHAIAKIS, E. Observations cliniques et recherches expérimentales sur la paraplegie infectieuse du cheval. (In Greek.) Hellen. Kteniatrikes Hetaireias. Delt. Ser. B 2:62-72. Ref. Apr./June 1951. 41.9 So18
French summary.
In Greece.

92850 MAZZOTTI, L. Descubrimiento de microfilarias de Onchocerca cervicalis en tejidos oculares del caballo. Medicina 32:291-292. July 10,1952. 448.8 M4693
English summary.

92851 MIQUEL. Essai de traitement de la dermite estivale par le phenergan. Rev. Vét. Mil. 7:48. 1952. 41.8 R3295
In mules.

92852 NONIN, S. La traction du penis chez le cheval. (In Serbo-Croatian.) Vet. Glasnik 6:52-53. Jan.1952. 41.8 J93

92853 PAPADANIEL, S. Conjonctivite de nature microfilarienne chez le cheval. (In Greek.) Hellen. Kteniatrikes Hetaireias. Delt. Ser. B 3:99-103. Ref. July/Sept. 1951. 41.9 So18
French summary.

92854 PASQUINI, M. Contribution à l'étude de la valeur du sérum anti-réticulo-endothélial cytotoxique chez le cheval. Rev. Vét. Mil. 6:193-196. 1951. 41.8 R3295

92855 PASQUINI, M. La radiographie appliquée à la clinique au Centre National des Sports Équestres. Rev. Vét. Mil. 7:92-108. 1952. 41.8 R3295

92856 PIGOURY, L., and others. Réalisation expérimentale, étude clinique, hématologique, sérologique et nécropsique d'un cas d'ictère hémolytique du muleton. Rev. Vét. Mil. 6:151-161. Ref. 1951. 41.8 R3295
J. Charny, B. Thiaux, P. Demarty, and J. Lagrange, joint authors.

92857 SANTOS, J. A. DOS. Considerations on icterus neonatorum in Equidae. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:85-93. 1951. 41.8 V6435
In horses and mules.

92858 SCHÜTZLER, G. Renale urämie beim pferde. Monatsh. f. Vetmed. 7:265-266. July 15,1952. 41.8 M742

92859 SPAHIS, A. La lymphangite épizootique. (In Greek.) Hellen. Kteniatrikes Hetaireias. Delt. Ser. B 4: 152-160. Oct./Dec.1951. 41.9 So18

92860 TRIANTOPOULOS, E. Autoplasie de la peau d'un mulet. (In Greek.) Hellen. Kteniatrikes Hetaireias. Delt. Ser. B 3:122-125. July/Sept.1951. 41.9 So18

92861 TUFVESSON, G. Lymphangitis in horses. II. Studies of the etiology on the basis of bacteriological examinations and experiments. Nord. Vetmed. 4:729-744. Ref. Aug.1952. 41.8 N813

92862 VAITSMAN, J. Mal de cadeiras. (In Portuguese.) Lav. e Criacão 13(4):13-14. Apr.1952. 49 L392
Equine trypanosomiasis.

92863 VEATCH, J. L. Case report—lymphoblastoma in a mule. Soeast. Vet. 3(3):13. Spring 1952. 41.8 Un32

92864 WESTERMARCK, H. Studies on the condition and the blood composition of emaciated horses treated with certain nutritional supplements during recovery and during contagious bronchopneumonia. Suomen Maatalousti et. Seura. Julkaisu. 76,93 p. Ref. 1952. 20 Su7
Acad. Diss.-Vet. Col., Helsinki.

92865 WOOLSEY, J. H., JR., and SCHAFFER, M. H. Treatment of granulating wounds in horses by means of skin grafting. Amer. Vet. Med. Assoc. J. 121:173-176. Sept.1952. 41.8 Am3

92866 ZSCHIESCHE. Prolapsus et invaginatio recti als komplikation bei der kastration eines hengstes. Deut. Tierarztl. Wchnschr. 59:228-229. Aug.1,1952. 41.8 D482

Miscellaneous

92867 ALLEN, M. E. Is your horse trailer-broke? Horse Lover's Mag. 17(2):32-33,64. Aug./Sept.1952. 42.8 H7852

92868 BERLIN, P. Iu. Dairy horse industry as a new division of the horse industry. (In Russian.) Konevodstvo 22(7):17-22. July 1952. 42.8 K832

92869 BURNOVSKIĬ, V. More extensive introduction of practices of leaders into horse raising. (In Russian.) Konevodstvo 22(5):42-43. May 1952. 42.8 K832

92870 CARSON, B. L. Equine art on the postage stamp. Natl. Horseman 88(8):32,105. (Concl.) Aug.1952. 42.8 N21

92871 COPELAND, G. The National Cutting Horse Association. Cattleman 39(4):167,174-175,178. Sept. 1952. 49 C29

92872 DINSMORE, W. Horsemen look forward. Cattleman 39(4):57,88. Sept.1952. 49 C29
Training horses.

92873 FINUS, K. F. Die letzten grubenpferde im deutschen kohlenbergbau. Deut. Tierarztl. Wchnschr. 59:247. Aug.15,1952. 41.8 D482

92874 GALINDO, A. Nuestras yeguas muleteras. Cult. Mod. 35:248-249. July 1952. 15 C89
History of the development of the horse.

92875 JEFFERY, K. B. Jeffery's magic hold. II. Past. Rev. 67:713-715. (Cont.) July 16,1952. 23 Au75
Training a colt.

92876 KUBYSHEV, S. Practices of the Hero of Socialist Labor, horse raiser, Tatan Deshenov. (In Russian.) Konevodstvo 22(5):40-42. May 1952. 42.8 K832

92877 LEEUWEN, A. VAN. Tillage of rice fields in Minahassa with the help of horses. (In Dutch.) Hemera Zoa 58:567. Oct.1951. 41.8 V51

92878 NORTON, D. M. A bookshelf for horsemen. Cattleman 39(4):210-215. Sept.1952. 49 C29

92879 PRUSSKIĬ, V. Racing tests in Poland in 1951. (In Russian.) Konevodstvo 22(5):38-39. May 1952. 42.8 K832

92880 SCOTT, I. Heavenly horses. Cattleman 39(4): 256-259. Sept.1952. 49 C29

92881 SEIFERLE, E. Vom maultier und seinem wesen. Grüne 80:910-915. Aug.15,1952. 17 Sch9

92882 SUMMERHAYS, R. S. It's a good life with horses. London,Country Life,1951. 144 p. 42 Su6I

LABORATORY ANIMALS, SMALL

Breeds and Breeding

92883 KITTEL, R. Der goldhamster und seine verwendung im laboratorium. Z. f. Hyg. Zool. u. Schädlingsbekämpf. 39:299-310. Ref. Oct./Dec.1951. 449.8 Z36

92884 MORI, A. Studies on abnormal spermatozoa. II. Tohoku J. Agr. Res. 2(2):1-17. Ref. Mar.1952. 22.5 T574
Tests with rats.

Veterinary Medicine

92885 BALL, J. Popular cavy colors. All-Pets Mag. 23(8):90-92. Aug.1952. 48.8 AL5

92886 GRIFFIN, C. A. A study of prepared feeds in relation to Salmonella infection in laboratory animals. Amer. Vet. Med. Assoc. J. 121:197-200. Sept.1952. 41.8 Am3

92887 GWATKIN, R., and DZENIS, L. Brucellosis. II. Effect of emulsifying agents on the antigenicity of ether-killed Brucella abortus in guinea pigs. Canad. J. Compar. Med. 16:287-290. Aug.1952. 41.8 C162

92888 LEYTON, G. B. The laboratory animal in routine diagnosis. Conquest 40(131):12-18. 448.9 R312

92889 PIGOURY, L., NIZZA, P., and CHARNY, J. Irradiations totales uniques du cobaye par rayons X; principaux effets biologiques. Rev. Vét. Mil. 7:1-25. Ref. 1952. 41.8 R3295

92890 ZARZYCKI, J. Histological changes in the muscle tissue following the infection with Trichinella spiralis. (In Polish.) Lublin. U. M. Curie-Skłodowska Ann. Sect. DD 6:155-176. Ref. 1951. 512 L96Ad
English summary.
In rats.

POULTRY

Breeds and Breeding

92891 ABELEIN, R. Die künstliche besamung von hühnern. Deut. Wirtgeflügelzucht. 4:485-486. (Cont.) July 12,1952. 47.8 D483

92892 ALLEN, C. D. Golden Penciled Hamburg Bantams. Amer. Bantam Assoc. Annu. Book Bantams 1951:104. 47.9 Am32

92893 AMERICAN BANTAM ASSOCIATION. 1951 annual book of Bantams. Chicago,1951. 128 p. 47.9 Am32

92894 ARRES, J. Caracteristicas y cualidades de las razas de combate. IV. Valencia Avic. 9(1):33-35. Feb. 1952. 47.8 V23

92895 ATKINS, H. The mighty Bantam. Amer. Bantam Assoc. Annu. Book Bantams 1951:28,30. 47.9 Am32

92896 BARKAKATI, B. P. A local breed of fowl in Assam. Indian Farming 12:15. Jan./Feb.1951. 22 In283

92897 BEAL, W. The Old English Game Bantam. Amer. Bantam Assoc. Annu. Book Bantams 1951:100-102. 47.9 Am32

92898 BERTRAM, H. W. Questions and answers on the S. C. Rhode Island Red Bantam. Amer. Bantam Assoc. Annu. Book Bantams 1951:70,72. 47.9 Am32

92899 CHÊNE, J. Les qualités de la race Leghorn. Rustica 25:771. Aug.17,1952. 14 R92

92900 COOPER, J. C., and PICKARD, B. DE H. Is there a production ceiling? Poultry Indus. [Milford] 17: 370-371. Sept.4,1952. 47.8 P8644
Breeding for egg production.

92901 COX, J. T. Buff Wyandotte Bantam. Amer. Bantam Assoc. Annu. Book Bantams 1951:94,96. 47.9 Am32

92902 DAVIN, J. A. Let's perpetuate a strain. Amer. Racing Pigeon News 68(8):4-5. Aug.1952. 47.8 H75

92903 DILLON, C. L. The Rose Comb Bantam. Amer. Bantam Assoc. Annu. Book Bantams 1951:72,74. 47.9 Am32

92904 DRESSE, O. Géographie avicole de la Belgique VIII. Cour. Hort. 14:343-344. June 1952. 80 C834
Breeds.

92905 FELS, O. Einfachkämmige schwarze Minorka. Deut. Kleintier-Züchter. Ausg. Geflügel 7(14):1-4. July 20, 1952. 47.8 D484

92906 FULMER, L. R. L. The Wheaton Old English Game Bantam. Amer. Bantam Assoc. Annu. Book Bantams 1951:58,60. 47.9 Am32

92907 GALE, S. Breeding Cochin Bantams. Amer. Bantam Assoc. Annu. Book Bantams 1951:50,52. 47.9 Am32

92908 GARY, F. L. American Game Bantams. Amer. Bantam Assoc. Annu. Book Bantams 1951:10-12. 47.9 Am32

92909 GIVEN, D. R. White Crested Black Polish Bantams. Amer. Bantam Assoc. Annu. Book Bantams 1951:102,104. 47.9 Am32

92910 GLEICHAUF, R. Das zuchtwesen im rahmen der geflügelwirtschaft in den USA. Deut. Kleintier-Züchter. Ausg. Geflügel 7(16):10. (Concl.) Aug.20,1952. 47.8 D484

92911 GLEICHAUF, R. Das zuchtwesen im rahmen der geflügelwirtschaft in den USA. IV. Deut. Kleintier-Züchter. Ausg. Geflügel 7(14):6-7. July 20,1952. 47.8 D484

92912 HIGGINS, J., and others. Purebreds versus crossbreds. Broiler Growing 3(9):16-17,45-46. Sept. 1952. 47.8 B782
H. Saglio, G. Ellis, and C. Vantress, joint authors.
For broiler production.

92913 HUBBLING, P. Japanese Bantams. Amer. Bantam Assoc. Annu. Book Bantams 1951:84. 47.9 Am32

92914 HUTTON, J. Altering the standards. All-Pets Mag. 23(8):83,85. Aug.1952. 48.8 AL5
Bantams.

92915 ISHERWOOD, G. P. Standard bred poultry. Poultry World 91(,sup.),8 p. Aug.28,1952. 47.8 P8682

92916 JEROME, F. N. Breeding for broiler production. (Synopsis.) Canad. Poultry Rev. 76(9):32-34. Sept 1952. 47.8 C16

92917 JULL, M. A. Hybrid ducks. World's Poultry Sci. J. 8:191. July/Sept.1952. 47.8 W89

92918 LEGRAND, M. Hérédité de la coloration du plumage et de certains caractéres extérieurs des pigeons. II. Cour. Hort. 14:339-340. June 1952. 80 C834

92919 MACKLIN, H. P. Pigeon portraits: Neustadter and So. German Whitetails. 2. Amer. Pigeon J. 41:264-265. Sept.1952. 47.8 Am35

92920 MASON, F. W. Wyandotte Bantams. Amer. Bantam Assoc. Annu. Book Bantams 1951:54,56. 47.9 Am32

92921 MAW, A. J. G. Uniformity of type in broilers; effect of breeding on broiler size and type. Pa. Agr. Expt. Sta. Prog. Rpt. 80,4 p. June 1952. 100 P381P

92922 MICKLEBERRY, L. E. The White Leghorn Bantam. Amer. Bantam Assoc. Annu. Book Bantams 1951:100. 47.9 Am32

92923 MÖBES. Cochinhühner. Deut. Kleintier-Züchter 7(15):3-5. Aug.5,1952. 49 D483

92924 MOSIMANN, E. Orientierung für die Rhode Island-züchter. Geflügelhof 15:496. Aug.1,1952. 47.8 G276

92925 NAETHER, C. Pigeons-modern Modenas. All-Pets Mag. 23(9):120,122. (Cont.) Sept.1952. 48.8 AL5

92926 NAETHER, C. Pigeons-the Polish Lynx. All-Pets Mag. 23(8):86,89. Aug.1952. 48.8 AL5

92927 NESBIT, W. B. B.B.B. turkeys fit excellently into house budget. Fla. Poultry & Farm J. 18(6):7,9-10. June 1952. 47.8 F66

92928 NISHIYAMA, H. On the motility of spermatozoa of the domestic cock in the transparent fluid. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:373-376. Nov.1951. 107.6 K995B
English summary.

92929 NISHIYAMA, H. Studies on the physiology of reproduction in the male fowl. III. On the addition of transparent fluid to the cock's semen. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:377-387. Ref. Nov.1951. 107.6 K995B
English summary.

92930 PITTS, W. M. Youth and the Bantam. Amer. Bantam Assoc. Annu. Book Bantams 1951:80,82. 47.9 Am32

92931 RAE, W. J. Recent developments in poultry breeding. Saskatchewan U. Addresses & Proc. U. Saskatchewan Farm Week 1952:44-47. 101 Sa72

92932 SANTOS, M. The New Hampshire breed in Rio Grande do Sul. (In Portuguese.) Granja [Porto Alegre] 8(62):53-56. May 1952. 9.2 G76

92933 SEIBERT, P. R. Light Brahma Bantams. Amer. Bantam Assoc. Annu. Book Bantams 1951:94. 47.9 Am32

92934 SIBLEY, C. L. The unique, quaint and beautiful Jap Bantam. Amer. Bantam Assoc. Annu. Book Bantams 1951:36,38. 47.9 Am32

92935 STURGEON, R. H. Producing Barred Plymouth Rock Bantams. Amer. Bantam Assoc. Annu. Book Bantams 1951:52,54. 47.9 Am32

92936 THOMPSON, C. R. Blue factor in modern Games. Amer. Bantam Assoc. Annu. Book Bantams 1951:44,46. 47.9 Am32

92937 VAART, M. F. VAN DER. The Brahma. (In Dutch.) Pels en Pluim 7(17):1-2. Aug.22,1952. 47.8 P36

92938 VERSTEEG, H. Le King. Cour. Hort. 40:395. July 1952. 80 C834

92939 WASHINGTON. STATE COLLEGE. POULTRY COUNCIL. Management of breeder chickens. Wash. State Col. Ext. B. 348,8 p. July 1952. (Poultry Pointers 25, rev.) 275.29 W27P

92940 WEAVER, L. E. An aid to better poultry breeding, the random sample test. Hatchery & Feed 26(9):20, 22-23. Sept.1952. 47.8 H28

92941 WOITH. 1 cm=60 bis 80 eier. Deut. Kleintier-Züchter, Ausg. Geflügel 7(14):12. July 20,1952. 47.8 D484
Size of Bantams.

92942 ZANONI, G. The "Bronze." (In Italian.) Terra e Sole 120:269-270. Aug.1952. 16 T273
Turkey breed.

92943 ZURTH, E. Die tauben: ihre zucht und haltung. Geflügelzucht-Bücherei 9,91 p. 1952. 47.8 G277

Feeds and Feeding

92944 BERG, L. R. Antibiotics in feeds for broilers. Grain & Feed J. Consolidated 109(5):35. Sept.10,1952. 298.8 G762

92945 BIELY, J., MARCH, B., and TARR, H. L. A. The effect of drying temperature on the folic acid content of herring meal. Science 116:249-250. Sept.5,1952. 470 Sci2
For poultry feed.

92946 BIRD, H. R. New things in feeding. Poultry Tribune 58(9):7,17-18. Sept.1952. 47.8 P8642
Also in Pacific Poultryman 56(9):5,36-37. Sept.1952. 47.8 P112

92947 BLAINE, E. M. Antibiotics and squab growth. Amer. Pigeon J. 41:268. Sept.1952. 47.8 Am35

92948 BRITISH COLUMBIA. UNIVERSITY. Modern feed formulae effective but complicated. Canada Poultryman 39(8/9):8,25-28,30. Aug./Sept.1952. 47.8 C166
British Columbia Dept. of Agriculture, Poultry Branch cooperating.

92949 CARON, J. L. Les moulées et l'alimentation des volailles. Agriculture [Montreal] 9:30-37. Spring 1952. 7 Ag82

92950 COATES, M. E. The animal protein factor in the nutrition of chickens. Brit. J. Nutr. 6:335-339. Ref. 1952. 389.8 B773

92951 CUTHBERTSON, W. F. J. The nutritional significance of the animal protein factor and antibiotics. Brit. J. Nutr. 6:330-334. Ref. 1952. 389.8 B773
Chicks.

92952 DRAPER, C. I. Alfalfa for turkeys. Norbest Turkey News 17(2):3,5,7. Aug.1952. 47.28 N75

92953 HØIE, J. Experiments with yeast for chicken. (In Norwegian.) Tidsskr. f. det Norske Landbr. 59:94-117. Mar./Apr.1952. 11 T433
English summary.

92954 KIRK, H. Finishing turkeys quickly, safely and profitably. Albers Egg Maker 30,i.e.29(2):11,22. Summer 1952. 47.8 AL1

92955 LUBIS, D. A. Feeding of poultry. (In Indonesian.) Hemera Zoa 58:657-678. Dec.1951. 41.8 V51
English summary.

92956 MEREGALLI, A. Vitamin B_{12} antibiotics and hatchability of the hen's egg. (In Italian.) Riv. di Zootec. 25:229-230. July/Aug.1952. 49 R52

92957 MILLER, J. P. How to feed your layers. Poultry Tribune 58(9):10-20. Sept.1952. 47.8 P8642

92958 MILOJIĆ, M., and SIMOVIĆ, B. The influence of the diet and the manner of feeding on the fatness of geese. (In Serbo-Croatian.) Stočarstvo 6:277-283. Ref. June 1952. 43.8 St6

92959 MOORE, A. C. Green food for intensive turkeys. Poultry World 91:171. Aug.21,1952. 47.8 P8682

92960 MOORE, M. The right minerals are vital in a good laying ration. Albers Egg Maker 30,i.e.29(2):4-5, 19. Summer 1952. 47.8 AL1

92961 MOORHEAD, P. Antibiotics for geese? Mag. Ducks & Geese 3(3):14-16. Summer 1952. 47.8 M27

92962 NIKOLAICZUK, N. Pâturages pour les volailles. Agriculture [Montreal] 9:38-43. Ref. Spring 1952. 7 Ag82

92963 NIKOLAICZUK, N. Les vitamines, les antibiotiques et les hormones dans la nutrition des volailles. Agriculture [Montreal] 9:19-29. Spring 1952. 7 Ag82

2964 PARKHURST, R. T. Factors of feeding and management affecting quality in finished broilers. Soeast. Poultryman 5(8):7,22-25. Aug.1952. 47.8 So872

92965 PERUCHON DE BROCHARD, J. En marge des accroissements de rendement obtenus par les antibiotiques. Porc 23(6):35. June 1952. 46.8 P822
Penicillin in poultry and swine feeds.

92966 RAIMO, H. F. Importance of water in poultry raising. (In Portuguese.) Rev. dos Criadores 23(4):42. Apr.1952. 43.8 R32

92967 RAIMO, H. F. Supplements of vitamin B_{12}, antibiotics and pure amino acids in poultry feeding practice. (In Portuguese.) Rev. dos Criadores 23(5):39-41. May 1952. 43.8 R32

92968 RHYS, I. W. High yields from home grown foods. Poultry Field 5(7):19-21. Aug.14,1952. 47.8 P8655

92969 RÖGER, W. Die einheimische anwendung chemischer masthilfsmittel. Deut. Wirtgeflügelzucht. 4:487,489. July 12,1952. 47.8 D483
Poultry.

92970 ROIG MIRO, J. La soja en la alimentación aviar. Reus Avic. 1:81-82. July 1,1952. 47.8 R31

92971 RUNNELS, T. D. Tender green pasture saves mash. World's Poultry Sci. J. 8:176-177. July/Sept.1952. 47.8 W89

92972 RUPP, E. High-powered hen feed; test rations with less fiber and more energy produce more eggs at lower cost. Capper's Farmer 63(9):22,42-43. Sept.1952. 6 M693

92973 SAXENA, H. C., and MCGINNIS, J. Effect of DL-methionine on feed utilization by chicks and turkey poults. Wash. Agr. Expt. Sta. C. 197,5 p. Ref. Aug.1952. 100 W27S

92974 SIEVERT, C. W. Good poultry feed requires proper nutrients and more. Feedstuffs 24(36):80-84. Sept.6,1952. 286.81 F322
Formulas.

92975 SINGSEN, E. P., MATTERSON, L. D., and KOZEFF, A. A high efficiency ration for laying and breeding hens. Conn. (Storrs) Agr. Expt. Sta. B. 286, 11 p. Apr.1952. 100 C76S

92976 TRENCHI, H. Ultimas conquistas en la ciencia de la alimentación de las aves. Uruguay. Min. de Ganad. y Agr. B. Inform. 9(422):13-14. July 3,1952. 9.9 G15B

92977 WALLEN, N. J. The goose makes a comeback; since berry-raisers discovered that geese like crabgrass better than anything, there have not been enough of them to go around. Farm Q. 7(3):50-51,118-119. Autumn 1952. 6 F22985

92978 WORDEN, A. N. Some further developments in poultry nutrition, II. Accredited Poultry Breeders Fed. Eng. & Wales. News Serv. 26:16-17. Winter 1951. 47.8 Ac2

92979 YITZHAKI, E. Feeding problems of poultry at present. (In Hebrew.) Hassadeh 32:439-441. June 1952. 26 H27

Veterinary Medicine

92980 ALBERTS, J. O. Poultry disease outlook. Feedstuffs 24(36):32,34-35. Sept.6,1952. 286.81 F322

92981 AUER, J. Functional localization of lesions in Newcastle disease. I. Canad. J. Compar. Med. 16:277-284. Aug.1952. 41.8 C162

92982 BOKS, J. T. Intestinal parasites and everything connected with it. (In Dutch.) Pluimveeteelt 5(16): 2. (Cont.) Aug.1,1952. 47.8 P722
Poultry.

92983 CECIL, L. Judging production by physical characters; how far handling and measurements will reveal a bird's laying capacity. Mod. Poultry Keeping 67: 188-189. Aug.20,1952. 47.8 Eg3

92984 CHEDE, J. Pullorum disease. (In Portuguese) Lav. e Criacão 13(4):56-57. Apr.1952. 49 L392

92985 CHERNIN, E. The relapse phenomenon in the Leucocytozoon simondi infection of the domestic duck. Amer. J. Hyg. 56:101-118. Ref. Sept.1952. 449.8 Am3

92986 COOMBS, R. R. A., HOWARD, A. N., and WILD, F. Titration of antisera to soluble proteins on the basis of an agglutination reaction: conjugation of egg albumin and chicken serum globulin to the incomplete Rh antibody and the subsequent use of Rh-positive cells, sensitized by such conjugated incomplete antibodies, to titrate antisera against egg albumin and chicken globulin. Brit. J. Expt. Path. 33:390-397. Aug.1952. 448.8 B772

92987 DAKAN, E. L. Poultry practice or not? Speculum 5(2):12-15,49. Winter 1952. 41.8 Sp3

92988 DAVIS, C. L., ANDERSON, W. A., and BRUNSCHER, L. E. Relationship between human tuberculosis and tuberculosis in chickens on the same farm. No. Amer. Vet. 33:613-615. Sept.1952. 41.8 N812

92989 DJAENOEDIN, R., and KOERJANA, R. Neurolymphomatosis gallinarum of poultry in Indonesia. (In Indonesian.) Hemera Zoa 58:679-687. Dec.1951. 41.8 V51
English summary.

92990 ELL, A. A modern conception of pigeon eye theories. Amer. Racing Pigeon News 68(8):1-2. Aug. 1952. 47.8 H75

92991 FLOWERS, T. E. Infectious bronchitis. Soeast. Vet. 3(2):12-13. Winter 1952. 41.8 Un32
Poultry.

92992 FRITZSCHE, K. Neue erkenntnisse über die gesunderhaltung unserer geflügelbestände. Deut. Wirtgeflügelzucht. 4:535. (Concl.) Aug.9.1952. 47.8 D483

92993 GARNETT, K. J. Diseases of poultry in Fiji. Fiji. Dept. Agr. Agr. J. 23(1):31-32. Mar.1952. 25 F47Ag

92994 GILDOW, E. M. Respiratory diseases of poultry and what to do about them. Albers Egg Maker 30,i.e. 29(2):6-7,18. Summer 1952. 47.8 AL1

92995 GOLHAFT, A. La responsabilidad de la profesión veterinaria en la economía avícola. Reus Avic. 1:66,68,71-73. June-July 1952. 47.8 R31

92996 GRENSON. Etude de la vitesse de renouvellement de l'acide ribonucléique dans des cellules effectuant une synthèse de protéines rapide et directement mesurable. Biochim. et Biophys. Acta 9:102. July 1952. 381 B522
Experiment on oviduct of a hen.

92997 GROSMANE, P. Distances between the pubic bones and from the pubic bones to the breast bone as an index of the egg-laying potential of hens. (In Latvian.) Latv. PSR Zinātņu Akad. Vēst. 1:81-84. 1951. 511 R442
Russian summary.

92998 HENNEPE, B. J. C. TE. Die pullorumseuche oder weisse kükenruhr. Deut. Wirtgeflügelzucht. 4: 517-519. Aug.2,1952. 47.8 D483

92999 HILBRICH, P. Blitzschäden am federkleid des geflügels. Deut. Tierarztl. Wchrschr. 59:229-230. Aug. 1,1952. 41.8 D482

93000 HINSHAW, W. R. Estrogens for finishing chickens and turkeys. Vet. Med. 47:387. Sept.1952. 41.8 M69
Stilbestrol.

93001 HORTON-SMITH, C. Blackhead in turkeys, with supplementary notes on other parasitic diseases in turkeys & geese. Poultry World 91(7,sup.):i-vi. Aug.14, 1952. 47.8 P8682

93002 HORVAT, J. Les résultats obtenus avec le vaccine de "Muktesar" dans la lutte contre la peste aviaire. (In Serbo-Croatian.) Vet. Glasnik 6:41-45. Jan. 1952. 41.8 J93

93003 HOUT, A. VAN. Pigeon diptheria. (In Flemish) Cult. en Handel 18:466-467. Aug.1952. 80 C892

93004 HUEBNER, R. A., ELIAS, W. F., and MERRION, H. J. Antibiotic blood levels in turkeys following penicillin-streptomycin implantation. Amer. Vet. Med. Assoc. J. 121:187-189. Sept.1952. 41.8 Am3

93005 HUNT, E. L., and HUFF, P. B. Iodine distribution in chick embryos. (Abs.) Tenn. Acad. Sci. J. 27:204. July 1952. 500 T25A
Radio-iodine.

93006 ISHIBASHI, T., and KATO, Y. Effects of irradiation with different wave-lengths on the development of the gonad in the fowl. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:392-395. Nov.1951. 107.6 K995B
English summary.

93007 JOHNSON, E. P., and GROSS, W. B. Vaccination against pneumoencephalitis (Newcastle disease) by atomization or nebulization in incubators and chick boxes with the B_1 virus. Vet. Med. 47:364-366,371. Sept.1952. 41.8 M69

93008 KASCHULA, V. R. The isolation of an unknown virus from the intestines of chickens. So. African Vet. Med. Assoc. J. 23:88-92. June 1952. 41.8 So8
From chickens suffering with stunted chick disease.

93009 KASCHULA, V. R. Studies on the heat stability of the haemagglutinin of various strains of Newcastle disease virus. So. African Vet. Med. Assoc. J. 23:110-116. Ref. June 1952. 41.8 So8

93010 KOUTZ, F. R. The problem of poultry parasites in deep and built-up litter. Speculum 5(3):18-21,46, 49,51. Spring 1952. 41.8 Sp3

93011 LEVADITI, C., VAISMAN, A., and HAMELIN, A. Les immobilisines actives à l'égard du Spirochaeta gallinarum. Inst. Pasteur. Ann. 83:260-262. Aug.1952. 448.3 An75

93012 LUGINBUHL, R. E. Infectious bronchitis control. World's Poultry Sci. J. 8:182-183. July/Sept.1952. 47.8 W89

93013 MCCUISTION, W. R. Veterinary questions and answers. Amer. Bantam Assoc. Annu. Book Bantams 1951:112,114,116,118,120,122,124,126. 47.9 Am32

93014 MANSJOER, M. Congenital maxillary contorsion and anophthalmus of a chick. Hemera Zoa 58:568. Oct.1951. 41.8 V51

93015 MANSJOER, M. Pleuro-pneumonia apostematosa avium. (In Indonesian.) Hemera Zoa 57:639. Nov. 1951. 41.8 V51

93016 MANSJOER, M. Worm-nodules on chicks. Hemera Zoa 58:530. Sept.1951. 41.8 V51
Tapeworms.

93017 MANUNTA, G. Influence of the parathyroid hormone on the thickness of the egg shell of the hen's egg. (In Italian.) Accad. Naz. dei Lincei Cl. di Sci. Fis. Mat. e Nat. Atti Rend. (ser.8)11:220-223. Second semes. 1951. 507 R66

93018 MATSUO, S. Studies on the morphology of the adrenal cortical cells in the fowl. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:388-391. Nov.1951. 107.6 K995B
English summary.

93019 MOULTHROP, I. M. Air sac infection in chickens. World's Poultry Sci. J. 8:188-189. July/Sept.1952. 47.8 W89

93020 NORDIO, C. B. Anemia-causing action of onions studied in poultry. (In Italian.) Arch. Vet. Ital. 3: 63-76. Ref. Feb.28,1952. 41.8 Ar25
English summary.

93021 PARTRIDGE, M. H., and SHONTZ, M. E. Total and acid-soluble fraction of phosphorus in various tissues of chick embryos. (Abs.) Tenn. Acad. Sci. J. 27:203-204. July 1952. 500 T25A

93022 PERKUČIN, R. Observation sur l'étiologie, diagnostic et traitement de la rétention des oeufs chez les volailles. (In Serbo-Croatian.) Vet. Glasnik 6:122-129. Feb.1952. 41.8 J93

93023 PEROTTI, R. M. Enfermedades parasitarias de las aves. Mundo Agr. 4(38):100-101. July 1952. 9 M92

93024 PHILLIPS, W. E. J., COMMON, R. H., and MAW, W. A. Some effects of progesterone on the response of the immature pullet to estrogen, and some observations on the effects of gonadal hormones on the avian spleen and kidney. Canad. J. Zool. 30:201-207. Ref. Aug.1952. 470 C16D

93025 POMEROY, B. S. Erysipelas appears to be on increase. Minn. Gobbles 7(4):11,18. Sept.1952. 47.38 M66

93026 POMEROY, B. S. Is air sac infection in poults a new disease? Minn. Gobbles 7(3):11,15. Aug.1952. 47.38 M66

93027 ROJTI, M. On the conditions of serum production against fowl pest. (In Hungarian.) Magyar Allat. Lapja 7:107-109. Apr.15,1952. 41.8 V644

93028 SCHMIDT, R. Erfahrungen bei der bekämpfung der weissen kückenruhr in Steiermark. Geflügelhof 15: 539-541. Aug.22,1952. 47.8 G276

93029 SCHOPEN. Geflügel-pocken-diphtherie rechtzeitig bekämpfen! Landwirt. Z. der Nord-Rhein-prov. 119:879. Aug.16,1952. 18 L2344

93030 SCHRÖTER, A. Uber den enzootischen herztod bei hühnern. Monatsh. f. Vetmed. 7:271-273. July 15, 1952. 41.8 M742

93031 SETSER, M. S. Newcastle disease. Soeast. Vet. 3(3):11,25-26. Spring 1952. 41.8 Un32

93032 SHAFFNER, C. S. Research in poultry physiology. World's Poultry Sci. J. 8:174-175. July/Sept.1952. 47.8 W89

93033 SIEBURTH, J. M., MCGINNIS, J., and SKINNER, C. E. The effect of terramycin on the antagonism of certain bacteria against species of Proteus. J. Bact. 64:163-169. Ref. Aug.1952. 448.3 J82
In cecal microflora of turkey poults.

93034 SOUZA, O. P. C. DE. Infectious coryza of poultry. (In Portuguese.) Lav. e Criação 13(5):68. May 1952 49 L392

93035 SPREHN, C. Die eingeweidewurmer der hühner (hühner-helminthen). Deut. Wirtgeflügelzucht. 4:530-532. Aug.9,1952. 47.8 D483

93036 STODDARD, E. D., TUMLIN, J. T., and COOPERRIDER, D. E. Recent outbreak of leukocytozoon [L. smithi] infection in adult turkeys in Georgia. Amer. Vet. Med. Assoc. J. 121:190-191. Sept.1952. 41.8 Am3

93037 TAKAHASHI, T. Niwatori no byoki to chiryoho [Diseases of poultry and their treatment]. Nagoya, Jap. Poultry J.,1951. 106 p. 41 T132

93038 TODD, A. C., and CROWDUS, D. H. On the life history of Ascaridia galli. Amer. Micros. Soc. Trans. 71:282-287. July 1952. 440.9 Am33

93039 WINGSTRAND, K. G. The structure and development of the avian pituitary, from a comparative and functional viewpoint. Lund,Gleerup,1951. 316 p. Ref. 444 W72
Includes poultry.

93040 WOMACKS, D. Worms—eaters of poultry profits. Successful Farming 50(9):36-37,130-134. Sept.1952. 6 Su12

93041 WONG, H. Y. C. The comparative effects of testosterone propionate and testosterone suspension on the combs and testes of young chicks with and without sunlight. U. South. Calif. Abs. Diss. 1951:62-65. 1952. 241.8 Un32

93042 WORDEN, A. N. Functional anatomy of birds. 15-16. Cage Birds 102:118,136. Aug.7-14,1952. 413.8 C11C

93043 ZIEGER, W. Ein neuer fall einer rotlaufenzootie bei enten. Deut. Tierarztl. Wchnschr. 59:243-245. Ref. Aug.15,1952. 41.8 D482

Miscellaneous

93044 ALTIMIRA RAVENTÓS, C. Cuidados que requieren las palomas mensajeras. Cult. Mod. 35:251-252. July 1952. 15 C89

93045 BILBREY, K., and CARTER, H. H. Goose eggs in small incubators: recent experiments bring out new information. Mag. Ducks & Geese 3(3):4-6. Summer 1952. 47.8 M27

93046 BUUS, S. The right hen, under skilled care, pays. (In Danish.) Husmandshjemmet 2(29):11. July 22, 1952. 11 H963

93047 CARTANYA ALEU, P. La enseñanza técnico-avícola en Reus. Reus Avic. 1:75. July 1,1952. 47.8 R31

93048 CARTANYA ALEU, P. No todo es culpa de la falta de selección. Reus Avic. 1:69,71. July 1,1952. 47.8 R31

93049 CARTANYA ALEU, P. Yacija gruesa, vigorizada, delgada? Reus Avic. 1:57,59. June 1,1952. 47.8 R31

93050 CHAĬKOVSKAIA, M. Raising goslings. (In Russian.) Kolkhoz. Proizvodstvo 12(5):42-43. May 1952. 281.8 K83

93051 CHARLET-LERY, G. Savoir choisir nos pondeuses. Rev. de l'Elevage 7:485. Aug./Sept.1952. 49 B462

93052 COLLINS, A. E. Ducks, and how to keep them. Victorian Poultry J. 38(12):21,23. (Cont.) July 1,1952. 47.8 V662

93053 COOKE, C. Cannibalism and egg eating in poultry. Minn. U. Agr. Ext. Folder 149,rev.,6 p. June 1952. 275.29 M66Ex

93054 CORS BELLVEHI, R. Reus, centro avícola nacional. Reus Avic. 1:53,55. June 1,1952. 47.8 R31

93055 CRAVENS, W. W. How to help your customers get more from their feed. Hatchery & Feed 26(9):24,26, 28-29. Sept.1952. 47.8 H28
Chiefly management of the poultry farm.

93056 DARBY, C. T., and SCHAIBLE, L. D. Do our N. J. laying tests need revision? 2. N. J. Farm & Gard. 23(9):42,44-45. Sept.1952. 6 G162

93057 DARTON, T. H., and DARTON, D. E. The Stock Improvement Plan. Poultry Indus. [Milford] 17:359 Sept.4,1952. 47.8 P8644

93058 DAVIS, B. H. Turkey broilers. World's Poultry Sci. J. 8:192-193. July/Sept.1952. 47.8 W89

93059 DE BEER, J. A. Central Egg-laying Competition at Glen. Farming So. Africa 27:328-332. June 1952. 24 So842

93060 DELGADO, J. M. La cría de gallinas. Suelo Tico 5:296-298. May/Dec.1951. 8 Su2

93061 DELL, A. La gallineta o gallina de guinea. Campesino [Santiago] 84(6):43. June 1952. 9.3 So12

93062 DUTTLINGER, E. Bäuerliche geflügelhaltung. Grüne 80:974-975. Aug.29,1952. 17 Sch9

93063 GERMANY (FEDERAL REPUBLIC, 1949-) LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Hühnerhaltung. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 12,16 p. Apr.1951. 18 G312V

93064 GINK, C. S. T. VAN. Het houden, huisvesten en verzorgen van hoenders [Keeping, housing and care of hens]. Amsterdam,Kosmos,1951. 68 p. (Weten en Kunnen. Nieuwe Reeks 226) 47 G43

93065 GUTTERIDGE, H. S. La recherche au service de l'aviculture canadienne. Agriculture [Montreal] 9:155-158. Spring 1952. 7 Ag82

93066 HAGEMANN, P. Ausmerzaktion! Geflügelhof 15:480-481. July 25,1952. 47.8 G276
Poultry.

93067 HERTEL, J. How about some fall chicks? Pacific Poultryman 56(9):6,28-29. Sept.1952. 47.8 P112

93068 HOUT, A. VAN. L'elevage rationnel des poulettes; important complexe de préoccupation. Cour. Hort. 40:389-391. July 1952. 80 C834

93069 IRELAND. DEPT. OF AGRICULTURE. The built-up litter system of poultry management. Ireland. Dept. Agr. L. 4,8 p. Apr.1952. 10.5 Ir42

93070 IRELAND. DEPT. OF AGRICULTURE. The hatching & rearing of chickens. Ireland. Dept. Agr. L. 43,12 p. Feb.1952. 10.5 Ir42

93071 JULL, M. A. Poultry production in Nigeria. World's Poultry Sci. J. 8:187. July/Sept.1952. 47.8 W89

93072 JULL, M. A. Sarawak's poultry industry. World's Poultry Sci. J. 8:175. July/Sept.1952. 47.8 W89

93073 KENNEDY, B. Broiler production moves into Alabama. Turkey World 27(9):11,54-55. Sept.1952. 47.38 T84

93074 KENT, O. B. Raising young stock. Amer. Poultryman 15(5):6. (Cont.) Sept.1952. 47.8 So86

93075 KIENER, A. Die geflügelzucht und -haltung im landwirtschaftsgesetz. Geflügelhof 15:443-447. (Cont.) July 11,1952. 47.8 G276
Switzerland.

93076 KRONE, W. F. Exclusive poultry shows are needed for exhibition. Amer. Poultryman 15(5):17. Sept. 1952. 47.8 So86

93077 LABORDE-BOIS, P. Charlas avícolas. Valencia Avic. 9(1):25-27. Feb.1952. 47.8 V23

93078 LAHOZ, V. Enfocando un tema de actualidad. Valencia Avic. 9(1):29-31. Feb.1952. 47.8 V23
Includes poultry litter.

93079 LEUSCHNER, F. H. Selection of pullets and housing. Canada Poultryman 39(8/9):5,7,31. Aug./Sept. 1952. 47.8 C166

93080 LONG, B. Geflügelzucht in Kenya (Ostafrika). Geflügelhof 15:541-544. Aug.22,1952. 47.8 G276

93081 MCLOUGHLIN, A. J. Practical poultry management. Grain & Feed J. Consolidated 109(5):31-34. Sept.10,1952. 298.8 G762

93082 MANGUS, H. D. Stop thief! It is not always easy to see how the turkey thief operates. Amer. Poultry J. 83(9):8. Sept.1952. 47.8 Am32

93083 MAUMENE, A. Mésures sanitaires avicoles et organisations syndicales. Vie à la Campagne 41:278-280. Aug.1952. 80 V67

93084 MORTENSON, W. P. More income to poultrymen. Hoard's Dairyman 97:732. Sept.10,1952. 44.8 H65
Poultry care and egg care and handling.

93085 MÜNTER, A. Grundsätzliches zur notwendigen produktivitätssteigerung unserer eiererzeugung. Deut. Wirtgeflügelzucht. 4:541-543. Aug.16,1952. 47.8 D483

93086 PEREA SANJUAN, A. Camino equivocado. Reus Avic. 1:61-63. June 1,1952. 47.8 R31
Poultry selection in Spain.

93087 PERUCHON DE BROCHARD, J. Cómo obtener en la avicultura rural gallipollos de más de un kilo a la edad de 11 a 12 semanas. Reus Avic. 1:56. June 1,1952. 47.8 R31

93088 PEYTON, J. L. The season's work. Mag. Ducks & Geese 3(3):22. Summer 1952. 47.8 M27
Care of geese.

93089 PIJOAN Y GRAU, M. El Registrador Vega aportará grandes beneficios a la avicultura mundial. Reus Avic. 1:64-65. June 1,1952. 47.8 R31
A trap nest.

93090 RANDLES, C., JR. Management for production; a further account of research work with geese at Ohio State University. Mag. Ducks & Geese 3(3):8. Summer 1952. 47.8 M27

93091 RÖMER, R. R. Das ei. Deut. Kleintier-Züchter. Ausg. Geflügel 7(14):5-6; (16):9-10. July 20, Aug.20,1952. 47.8 D484

93092 ROMER, R. R. Widersprüche; eine unterhaltung mit einem leser von fachzeitschriften und büchern über tiefeinstreu, krankheiten, blutwechsel, herdbuch, umtrieb und futterverwertung. Geflügelhof 15:447-449, 511-514. (Concl.) July 11,Aug.8,1952. 47.8 G276

93093 ROSENBLUM, M. Good management results in quality eggs. Eggsaminer 29(8):11,15. Aug.1952. 286.85 Eg32

93094 RUPPEN, K. Sorgfältige auslese bewahrt uns vor enttäuschungen. Geflügelhof 15:482,484. July 25, 1952. 47.8 G276
Poultry.

93095 SCHWEIZERISCHER GEFLÜGELZUCHTVERBAND. Jahresbericht, 1951. Zollikofen-Bern,1951. 130 p. 47.9 Sch9J
Section on general activities also in French.

93096 SMITH, G. W. Turkey production. Victorian Poultry J. 38(12):25,27. (Cont.) July 1,1952. 47.8 V662

93097 SOMMERFELD, J. Kükenaufzucht auf pferdemist. Deut. Kleintier-Züchter 7(16):9. Aug.20,1952. 49 D483

93098 SOUTH AFRICA. STATE INFORMATION OFF. Fine feathers make fine birds. Pretoria,1951. 6 p. (Its Agriculture: Ostriches 1) 47.4 So8

93099 SPREHN, C., and SOMMERFELD, J. Kükenaufzucht auf alter stapelstreu. Deut. Kleintier-Züchter. Ausg. Geflügel 7(16):7. (Cont.) Aug.20,1952. 47.8 D484

93100 STACEY, C. G. The laying battery. Accredited Poultry Breeders Fed. Eng. & Wales. News Serv. 26: 11-12. Winter 1951. 47.8 Ac2

93101 STIETZ, M., and STEINKOPFF, U. Uber einen versuch der leistungssteigerung in der geflügelzucht durch äussere und innere einflüsse. Tierzucht 6: 282-283. Aug.1952. 49 T443

93102 SYKES, G. Poultry meat must be cheaper. Farmer & Stock-Breeder 66(3280):51-52. Sept.2,1952. 10 F228
Advocates large scale poultry meat production in Britain on the lines followed in the United States.

93103 TORRES DE LA PUERTA, C. Pollitos que no nacen. Chacra 22(261):42-43. Aug.1952. 9 C34

93104 U. S. BUR. OF ANIMAL INDUSTRY. Table for converting 3-day-a-week trap-nest records to official egg production records. U. S. Bur. Anim. Indus. A. H. D. 146,1 p. Aug.1952. 1.9 An52AH

93105 U. S. BUR. OF ANIMAL INDUSTRY. Table for converting 5-day-a-week trap-nest records to official egg production records. U. S. Bur. Anim. Indus. A. H. D. 147,1 p. Aug.1952. 1.9 An52AH

93106 U. S. BUR. OF ANIMAL INDUSTRY. Table for converting 6-day-a-week trap-nest records to official egg production records. U. S. Bur. Anim. Indus. A. H. D. 148,2 p. Aug.1952. 1.9 An52AH

93107 U. S. BUR. OF ANIMAL INDUSTRY. Table for converting 7-day-a-week trap-nest records to percent production during a 300-day qualifying period. U. S. Bur. Anim. Indus. A. H. D. 149,2 p. Aug.1952. 1.9 An52AH

93108 U. S. OFF. OF EXPERIMENT STATIONS. Bibliography on poultry industry: chickens, turkeys, aquatic fowl, gamebirds, by R. B. Nestler and F. Wilkerson. Washington?1952. 76 p. 1.912 B472

93109 WALSER, H. 2000 geese on a turkey farm. Mag. Ducks & Geese 3(3):17-18. Summer 1952. 47.8 M27

93110 WASHINGTON. STATE COLLEGE. POULTRY COUNCIL. Managing breeder turkeys. Wash. State Col. Ext. B. 388,11 p. June 1952. (Poultry Pointers 39, rev.) 275.29 W27Pou

93111 WHITTLE, T. E. There's still something to be got out of poultry. 2. Poultry Field 5(7):24. Aug.14,1952. 47.8 P8655
Management, in Great Britain.

93112 WILSON, G. R. Le programme du contrôle avicole (R. O. P.) et son évolution. Agriculture [Montreal] 9:146-154. Spring 1952. 7 Ag82

93113 WINGARD, S. B. There's more profit producing eggs—the Eastern States way. East. States Coop. 28(9):7-9. Sept.1952. 280.28 Ea7
Management and feeding.

93114 WOLFE, T. K., TURNER, E., and MCINTOSH, O. Raise turkey broilers cheaper. Turkey World 27(9): 16-17,52-54. Sept.1952. 47.38 T84

RABBITS

Breeds and Breeding

93115 BISKIE, L. L. Successful raising of Checkered Giants. Small Stock Mag. 36(9):24-25. Sept.1952. 48.8 P442

93116 GILDOW, E. M. Principles of a more successful rabbit breeding program. Albers Egg Maker 30,i.e. 29(2):12-13,15. Summer 1952. 47.8 AL1

93117 SCHOLTYSSEK, S., and KORDTS, E. Die künstliche besamung bei kaninchen. Deut. Kleintier-Züchter. Ausg. Kaninchen 7(16):6-7. Aug.20,1952. 40.28 D48

Veterinary Medicine

93118 LUND, E. E. Experimental use of tannins to control enteritis in rabbits. Amer. Rabbit J. 22:122-123. Aug.1952. 40.28 Am3

93119 OLIVA, O. Friedman's test with pregnant mares' [serum] on rabbits treated with hyaluronidase. (In Italian.) Arch. Vet. Ital. 3:13-21. Ref. Feb.28,1952. 41.8 Ar25
English summary.

93120 ROWETT, H. G. Q. Dissection guides. IV. The rabbit. London, Murray, 1952. 32 p. 444 R77

Miscellaneous

93121 BINET, P. Pour produire du lapin avec bénéfice. Rev. de l'Elevage 7:478-479,481,483. Aug./Sept. 1952. 49 B462

93122 MURRAY, E. W. Success or failure? Small Stock Mag. 36(9):3. Sept.1952. 48.8 P442
Raising rabbits.

SHEEP AND GOATS

Breeds and Breeding

93123 ALEXANDER, G. I. Milch goats. Queensland Agr. J. 74:364-370. (Cont.) June 1952. 23 Q33
Breeds most commonly seen in Queensland.

93124 BOYLAN, W. J. Targhee sheep. Mont. Wool Grower 26(9):17. Sept.1952. 45.8 M762

93125 BRASIL, O. S. Observations on the Corriedale in Rio Grande do Sul. (In Portuguese.) Granja [Porto Alegre] 8(62):41-42,44. May 1952. 9.2 G76

93126 CALVO DOWN, C. A. La raza Hampshire. Rev. Ganad. [Habana] 12(8):16. Aug.1952. 49 R321
Sheep.

93127 CARD, W. T. Gleanings from my experience with Cheviots. Sheepman 23:156-157. Sept.1952. 45.8 Sh32

93128 CHIEFFI, A. The sheep sire. (In Portuguese.) Lav. e Criacão 13(4):50,52. Apr.1952. 49 L392

93129 COLLINS, T. C. Size in Cheviots? Sheepman 23:155. Sept.1952. 45.8 Sh32

93130 DAVIE, C. F. La raza Corriedale. Uruguay. Min. de Ganad. y Agr. B. Inform. 9(421):7-12. June 26, 1952. 9.9 G15B

93131 DIAZ MONTILLA, R. Una contribución a la tipificación de la raza Merina Española. Arch. de Zootec. 1:207-249. 1952. 49 Ar22
English summary.

93132 DONALD, M. N. Improvement comes with close breeding. Dairy Goat J. 30(9):6. Sept.1952. 40.18 M592

93133 ESPLIN, A. Columbia sheep—the all-American breed. Mont. Wool Grower 26(9):33-34. Sept.1952. 45.8 M762

93134 GOMIEN CÁCERES, R. Formación de rebaños de ovejunos. Campesino [Santiago] 84(6):29. June 1952. 9.3 So12

93135 JARDAS, F. On the weight of fleece of Creska sheep. (In Serbo-Croatian.) Stočarstvo 6:193-201. Ref. May 1952. 43.8 St6

93136 LALATOVIĆ, P. A contribution to the knowledge of the domestic sheep called "Zetska zuja." (In Serbo-Croatian.) Stočarstvo 6:254-267. June 1952. 43.8 St6

93137 LEMON, H. Sheep that produce carpet wool. Wool Knowl. 2(6):10-15. Summer 1952. 304.8 W886
History of breeds.

93138 NORDBY, J. E. Reconciling natural and artificial selection in range sheep improvement. Mont. Wool Grower 26(9):25,27,30,32. Sept.1952. 45.8 M762

93139 ROBINSON, T. J. Role of progesterone in the mating behaviour of the ewe. Nature [London] 170: 373-374. Aug.30,1952. 472 N21

93140 RYDBERG, C. University of Wisconsin Experimental Station uses purebred Shropshire rams exclusively. Shrop 2:3,5. Aug.1952. 45.8 Sh8

93141 SAVAGE, F. Breeder airs view on production set-up. Shrop 2:25. Aug.1952. 45.8 Sh8

93142 ŠMALCELJ, I. Amélioration des variétés autochtones de pramenka (mouton de Zakel) dans la Rép. de Bosnie et Hercegovine. (In Serbo-Croatian.) Vet. Glasnik 6:178-189. Mar.1952. 41.8 J93

93143 SOKOLOV, I. I. Changes in morphological characteristics of Karakul sheep during raising in the forest-steppe area. (In Russian.) Akad. Nauk SSSR. Dok. 85:445-448. July 11,1952. 511 P444A

93144 TAYLOR, J. B. A Rambouillet—a changed breed. Mont. Wool Grower 26(9):14-15. Sept.1952. 45.8 M762

Feeds and Feeding

93145 COLMAN, K., and THOMAS, O. Feeding ewes according to temperature changes. Mont. Wool Grower 26(9):37. Sept.1952. 45.8 M762

93146 FETHERS, G. Save your lambs; wet ewes need protein-supplement. Westral. Farmers' Co-op Gaz. 22: 357-358. June 1952. 280.28 W522

93147 HAVERSLAND, A., and VAN HORN, J. J. Weights of experimental range ewes. Mont. Wool Grower 26(9):13. Sept.1952. 45.8 M762
Feeding.

93148 MAGEE, A. C. Feed reserves for wintering ewes on Central Texas farms. Tex. Agr. Expt. Sta. Prog. Rpt. 1470,4 p. June 18,1952. 100 T31P

93149 ULVESLI, O., HUSBY, M., and PRESTHEGGE, K. Feed intake and yield in goats. (In Norwegian.) Tidsskr. f. det Norske Landbr. 59:118-131. Mar. Apr. 1952. 11 T433
English summary.

93150 WHITING, F., SLEN, S. B., and BEZEAU, L. M. Blood serum protein content of mature range ewes as influenced by level of protein in their ration. Sci. Agr. 32:421-426. Ref. Aug.1952. 7 Sci2

Veterinary Medicine

93151 AKASHI, A. Studies on the infection Brucella abortus in goats and in man associated with Hodgkin's disease. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:396-400. Nov.1951. 107.6 K995B
English summary.

93152 ALEEV, A. M. The large intestine in sheep (Roentgenological investigation). (In Russian.) Dnepropetrovsk. Sel'skokhoz. Inst. Trudy 4:115-127. 1951. 106 D643

93153 ARTHUR, G. H. Caesarean section in the ewe; a case report. Vet. Rec. 64:482-483. Aug.16,1952. 41.8 V641

93154 BARRON, D. H., and ALEXANDER, G. Supplementary observations on the oxygen pressure gradient between the maternal and fetal bloods of sheep. Yale J. Biol. & Med. 25:61-66. Sept.1952. 448.8 Y1

93155 BEHRENS, H. Ein beitrag zur parasitären gastroenteritis des schafes. Tierärztl. Umschau 7:270-274. Ref. Aug.1952. 41.8 T445

93156 BERGEON, P. Existence en Indochine de la conjonctivite contagieuse des ruminants. Soc. de Path. Exot. B. 45:169-172. 1952. 448.9 So13
Sheep and calves.

93157 BORCHERT, A., and POLZIN, H. Praktische erfahrungen in der bekampfung der magenwurmkrankheit der schafe. Monatsh. f. Vetmed. 7:266-270. July 15, 1952. 41.8 M742

93158 CARRÈRE, L., ROUX, J., and QUATREFAGES, H. L'épreuve de l'anneau (ring-test) pour la détection de la brucellose ovine. Inst. Pasteur. Ann. 83:277-279. Aug.1952. 448.3 An75

93159 CHRISTODOULOU, T., and TARLATZIS, E. La pentastomose larvaire du mouton. (In Greek.) Hellen. Kteniatrikes Hetaireias. Delt. Ser. B 4:147-151. Oct./Dec.1951. 41.9 So18
French summary.

93160 CLARK, R. Prolonged lactation in a spayed goat ewe treated with stilboestrol. So. African Vet. Med. Assoc. J. 23:117. June 1952. 41.8 So8

93161 DIGNAT, J. La lutte antiparasitaire en Aveyron. Mouton 7:55. May 1952. 45.8 M86
Chiefly sheep.

93162 FONTANELLI, E. Mammary pustular dermatitis in sheep and goats. (In Italian.) Zooprofilassi 7:261-265. June 1952. 41.8 Z72

93163 GRAY, V. F., and others. Fermentation in the rumen of the sheep. III-IV. J. Expt. Biol. 29:54-65. Ref. Mar.1952. 442.8 B77
III, Intermediate stages in the fermentation of wheaten hay in vitro by micro-organisms from the rumen, by F. V. Gray and A. F. Pilgrim; IV, The nature and origin of the volatile fatty acids in the rumen of the sheep, by F. V. Gray, A. F. Pilgrim, H. J. Rodda, and R. A. Weller.

93164 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Louping ill in sheep. Gt. Brit. Min. Agr. & Fisheries. Anim. Health L. 16,2 p. June 1952. 41.9 G792A

93165 HENNING, M. W. Rift Valley fever. So. African Vet. Med. Assoc. J. 23:65-78. Ref. June 1952. 41.8 So8
In sheep and cattle.

93166 HIGHTOWER, D. E. Problems in sheep practice. (Excerpts.) Soeast. Vet. 3(3):28. Spring 1952. 41.8 Un32
Dystocia and vaginal prolapse.

93167 HOLAGER, E. Infectious enterotoxemia in sheep. (In Norwegian.) Nord. Vetmed. 4:713-728. Ref. Aug.1952. 41.8 N813
English summary.

93168 LEWANDOWSKI, M. Lumbalisatio des ersten kreuzwirbels beim schaf. (In Polish.) Lublin. U. M. Curie-Skłodowska Ann. Sect. DD 6:217-224. 1951. 512 L96Ad
German summary.

93169 MACKINNON, M. M., and BAYLISS, J. Caesarean section in the ewe. Vet. Rec. 64:512-513. Aug.30, 1952. 41.8 V641

93170 MARKOVICS, P., KEMÉNY, L., and ELEK, P. Investigations into the etiology of lamb dysentery. (In Hungarian.) Magyar Allat. Lapja 7:116-117. Apr.15,1952. 41.8 V644

93171 MEYN, A., BERGMANN, J., and ENDREJAT, E. Uber das vorkommen schafpathogener typen des Fraenkelschen gasbazillus in Deutschland. Monatsh. f. Prakt. Tierheilk. 4:259-265. Ref. 1952. 41.8 M74

93172 MOULE, G. R. Mortality amongst lambs in Queensland. (Sum.) Past. Rev. 67:707-709. July 16,1952. 23 Au75

93173 MOUREU. Essai de traitement de la kératite épizootique de l'agneau. Mouton 7:77. July 1952. 45.8 M86

93174 ROBINSON, E. M. An outbreak of ringworm in sheep. So. African Vet. Med. Assoc. J. 23:84-85. June 1952. 41.8 So8

93175 SIGURÐSSON, B. Vaccination against Johne's disease. (In Icelandic.) Freyr 47:215-227. July 1952. 11 F89
Sheep.

93176 SOFRENOVIĆ, D. Duplicitas posterior capri. (In Serbo-Coratian.) Vet. Glasnik 6:54-56. Jan.1952. 41.8 J93
English summary.

93177 SPEDDING, C. R. W. Variation in the egg content of sheep faeces within one day. J. Helminthol. 26:71-86. 1952. 436.8 J82

93178 SUGDEN, B., and OXFORD, A. E. Some cultural studies with holotrich ciliate protozoa of the sheep's rumen. Experientia 8:145-153. Aug.15,1952. 475 Ex7

93179 VEILLEUX, J. M. Parasites internes du mouton. Digeste de l'Eleveur 6(11):56-57. July 1952. 49 D56

93180 WILSON, D. R. Scrapie. Vet. Rec.64:468. Ref. Aug.9,1952. 41.8 V641

Miscellaneous

93181 ARÁN, S. Las ovejas lecheras en la economia nacional. Cult. Mod. 35:260-261. July 1952. 15 C89
Spain.

93182 BIANCA, W. Der einfluss der alpung auf die körperentwicklung und die blutbeschaffenheit von jungziegen. Schweiz. Landwirt. Monatsh. 30:197-213. (Cont.) June 1952. 17 Sch93

93183 CAPURRO, M. Conceptos básicos sobre la formación de rebaños. Uruguay. Min. de Ganad. y Agr. B. Inform. 9(420):4-6. June 19,1952. 9.9 G15B

93184 EIKELBOOM, H. Is milk control of our goats necessary? (In Dutch.) Geitenhouder 15(8):4-5. Aug. 1952. 40.18 G27

93185 HALE, N. Fitting and showing sheep. Mass. U. Agr. Ext. L. 159,rev.,12 p. May 1952. 275.29 M381L

93186 KING, T. L. Sheep in New Jersey. Sheepman 23:154. Sept.1952. 45.8 Sh32

93187 KOZLOV, V., and GRUDEV, D. Vyrashchivanie iagniat i porosiat [Raising lambs and piglings]. Kishinev,Gos. Izd-vo Moldavii,1951. 34 p. (V Pomoshch' Zootekhnicheskim Trekhletnim Kursam. 1st Year of Study 8) 49 P77

93188 LITOVCHENKO, G., and ZUBRIKOVA, E. Innovators of fine-wooled sheep raising. (In Russian.) Kolkhoz. Proizvodstvo 12(5):39-40. May 1952. 281.8 K83

93189 MACLEOD, A. M. Sheep shearing in Australia. Wool Knowl. 2(6):5-9. Summer 1952. 304.8 W886

93190 QUISTORFF, J. A. Etiquette in the goat show ring. Capriculturist 10(8):9-10. Aug.1952. 40.18 C17

93191 SCHOTT, O. Erfahrungen mit schafhütegemeinschaften. Tierzucht 6:271-273. Aug.1952. 49 T443

93192 SCHUBERT, P. Sheep are crazy critters; sheep need more personal care than any other livestock; poison weeds, mountain lions or their own orneriness can destroy a $50,000 band; here's the story of a Wyoming outfit's long trek to the summer range in the Big Horn Mountains, by one of the riders. Sat. Evening Post 225 (11):36-37,120-121,123,125. Sept.13,1952. 110 Sa8

93193 SIJBESMA, I. Examination of the fleece of pedigree sheep in 1952. (In Dutch.) Groninger Landbbl. 30(32):10. Aug.14,1952. 12 G892

93194 WATSON, I. Sheep management for New Mexico farms. N. Mex. Agr. Col. Ext. C. 236,11 p. July 1952. 275.29 N463E

SWINE

Breeds and Breeding

93195 BRITTIN, W. D. A quality hog [Berkshire]. Hog Annu. 1952:135-136. 46.8 H673

93196 DAVIDSON, H. R. Sweden wants to export its Landrace. Farmer & Stock-Breeder 66(3280):49-50. Sept.2,1952. 10 F228

93197 EVANS, B. R. Another record year for Durocs. Hog Annu. 1952:140-143. 46.8 H673

93198 GEORGIA SWINE BREEDERS' ASSOCIATION. Georgia swine breeders directory 1951. Athens,1951. 21 p. 225 G294

93199 GIEZENDANNER, L. Progeny investigations of four boars at the State Breeding Station for Swine. (In Norwegian.) Tidsskr. f. det Norske Landbr. 59:132-138. Mar./Apr.1952. 11 T433

93200 GONZALEZ CHAPEL, A., and CABRERA, J. I. Los cruzamientos en la crianza de cerdos en Puerto Rico. P. R. (Rio Piedras) Agr. Expt. Sta. B. 95,54 p. Ref. Sept.1951. 100 P83

93201 HYZER, A. L. The white-faced hog [Hereford]. Hog Annu. 1952:150-151. 46.8 H673

93202 KAZAR, G. On the therapy of sterility in the sow by means of uroclysmes of gravid women. (In Hungarian.) Magyar Allat. Lapja 7:118. Apr.15,1952. 41.8 V644

93203 KOLLONAY, E. Sterility in swine and its control. (In Hungarian.) Magyar Allat. Lapja 7:112-116. Apr.15,1952. 41.8 V644

93204 LAYCOCK, G. P.R.-Production Registry is discovering the blood lines which produce large, fast-growing litters. Hog Annu. 1952:256-265. 46.8 H673

93205 MCCAHAN, C. G. The Poland China breed. Hog Annu. 1952:159-161. 46.8 H673

93206 MILLER, E. C. Make a profit with hogs. Chester White J. 42(9):18-21,24. Sept.1952. 46.8 W582
Breeding and feeding.

93207 MILLER, H. C. A good pig at any age. Hog Annu. 1952:155-157. 46.8 H673
OIC.

93208 MOORE, L. P. What makes a good Chester White? Hog Annu. 1952:138-139. 46.8 H673

93209 OBENCHAIN, F. L. The big spots. Hog Annu. 1952:163-164. 46.8 H673
Spotted Poland China.

93210 PEMBERTON, R. L. The Hampshires face '52. Hog Annu. 1952:147-149. 46.8 H673

93211 SCACCINI, A. Study of the chromosome arrangement in swine (Sus scrofa Dom). (In Italian.) Biol. Latina 5:19-28. Ref. Jan.1952. 442.8 B5226
English summary.

93212 SELEKH, M. A. Some data on the problem of interspecific crossing of swine. (In Russian.) Dnepropetrovsk. Sel'skokhoz. Inst. Trudy 4:63-71. Ref. 1951. 106 D643

93213 SHANNON, E. R. The big white. Hog Annu. 1952:169-170. 46.8 H673
Yorkshire.

93214 SIMON, M. Siberian Northern breed of swine. (In Russian.) Kolkhoz. Proizvodstvo 12(5):41. May 1952. 281.8 K83

93215 TEICHMANN, W. Kann unsere schweinehaltung verbilligt werden? Landwirtbl. Weser-Ems 99: 814-815. Aug.14,1952. 18 L2345
Breeding and feeding.

93216 WALTZ, R. H. From Paddy's pig to Corn-Belt meat-type. Hog Annu. 1952:165-167. 46.8 H673
Tamworth.

93217 WINTERS, L. M. The Inbred [Livestock Registry] Association and their hogs. Hog Annu. 1952:152-153. 46.8 H673

93218 YAW, W. H. The meat-type breed [Hamprace]. Hog Annu. 1952:144. 46.8 H673

Feeds and Feeding

93219 BERZIN, IA. M. Significance of cobalt in swine feeding. (In Russian.) Latv. PSR Zinātņu Akad. Vest. 3:415-420. 1951. 511 R442

93220 BOHSTEDT, G. Pasture for pigs. Hog Annu. 1952:266-275. 46.8 H673

93221 CANNON, G. Artificial sow's milk. Hog Annu. 1952:238-240,242-245. 46.8 H673

93222 CANNON, G. Wet nursing pigs; synthetic sow's milk makes three litters a year a possibility. Taken from the sow, the pigs grow faster and more are saved. Farm Q. 7(3):60-63,72,74,76,78. Autumn 1952. 6 F22995

93223 CATRON, D. Antibiotics in swine nutrition. Conf. Res. Proc. 4:12-21. 1952. 50.9 C762

93224 CORDIEZ, E. La teneur en vitamine A du colostrum de truie. Ann. de Méd. Vét. 96:235-252. Ref. June 1952. 41.8 Am78

93225 FÉVRIER, R. Le rationnement du porc. Porc 23(6):17-18. June 1952. 46.8 P822

93226 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Schweinemast verbilligen—mit hackfrüchten mästen! Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 34,15 p. Jan.1951. 18 G312V

93227 GRUMMER, R. H. What do swine feeders ask their local feedmen? Grain & Feed J. Consolidated 109 (5):27-28. Sept.10,1952. 298.8 G762
Nutritional requirements of hogs.

93228 HALE, F. For producing a yardstick. Hereford Swine J. 12(5):7. July/Aug.1952. 46.8 H42
On feed for swine.

93229 HEIDENREICH, C. J., and WILSON, R. F. Feeding immature corn to growing-fattening pigs. S. Dak. Farm & Home Res. [S. Dak. Sta.] 3:97-100. Summer 1952. 100 So82S

93230 INSTITUT PROFESSIONNEL DE CONTROLE ET DE RECHERCHES SCIENTIFIQUES DES INDUSTRIES DE L'ALIMENTATION ANIMALE. L'élevage et l'engraissment du porc exigent une nourriture équilibrée. Rev. de l'Elevage 7:386-387. June/July 1952. 49 B462

93231 NOIRCLERC, P. L'alimentation des porcelets. Rev. Agr. de l'Afrique du Nord 50:395-396. June 13,1952. 80 R326

93232 ROBISON, W. L. Pasture cuts grain bill for pigs. Ohio Farmer 210(4):22-24. Aug.16,1952. 6 Oh3

93233 ROBISON, W. L. Wonder feeds. Hog Annu. 1952:208-212,214-219. 46.8 H673
Vitamin B_{12} and antibiotics.

93234 SPEAR, V. C. Trace minerals for swine. Grain & Feed J. Consolidated 109(5):39-40. Sept.10,1952. 298.8 G762

93235 STEPHENSON, E. L., NOLAND, P. R., and CAMP, A. A. Cottonseed meal in swine nutrition. Ark. Agr. Expt. Sta. B. 523,18 p. Ref. June 1952. 100 Ar42

93236 TERRILL, S. W. Feeding the pregnant sow. Hog Annu. 1952:220,222-226. 46.8 H673

93237 VOVK, N. K. Effect of vitamin A in rations from local feeds on the processes of fat accumulation during swine fattening on farms in Dnepropetrovsk Region. (In Russian.) Dnepropetrovsk. Sel'skokhoz. Inst. Trudy 4:55-61. 1951. 106 D643

93238 WHITEHAIR, C. K. Perspective after two years' experience with antibiotics in swine rations. Vet Sci. News 6(2):6-8. July 15,1952. 41.8 V6492

Veterinary Medicine

93239 ANDERES, R. L. Vesicular exanthema in swine. Vet. Med. 47:353-358. Sept.1952. 41.8 M69

93240 BAILEY, J. Atrophic rhinitis. Farm Q. 7(3): 66,134. Autumn 1952. 6 F22995

93241 BAILEY, J. M. Vaccinate for hog cholera. Hog Annu. 1952:194-196,198,200,202, 204,206. 46.8 H673

93242 BECKER, L. Auftreten von schweinebrucellose in Mecklenburg. Monatsh. f. Vetmed. 7:296-300. Ref. Aug.1,1952. 41.8 M742

93243 BEISTER, H. E., and SCHWARTE, L. H. The hog cholera problem and vaccination. Norden News 27(9): 8-9. July/Aug.1952. 41.8 N75

93244 BERTRAND, M. Quelques maladies nouvelles ou peu connues du porc. Porc 23(7):28-29. July/Aug. 1952. 46.8 P822

93245 BJORNSON, C. The vesicular exanthema outbreak. Norden News 27(9):10-11. July/Aug.1952. 41.8 N75

93246 BORRELLI, G. A new model operating table and the restraint necessary for the castration of swine. (In Italian.) Croce Azzurra 3(2):7-16. Mar./Apr.1952. 41.8 C87

93247 BOYER, M. E. Leptospirosis in swine. Amer. Vet. Med. Assoc. J. 121:184. Sept.1952. 41.8 Am3

93248 COHEN, H. K. Atrophic rhinitis and edema disease. Vet. Sci. News 6(2):3-5. July 15,1952. 41.8 V6492

93249 CORRÉA, V. Hog cholera. (In Portuguese.) Rev. dos Criadores 23(4):5-8. Apr.1952. 43.8 R32

93250 DASQUE, G. Observations sur la peste porcine dans la région parisienne. Porc 23(6):23. June 1952. 46.8 P822

93251 EUZEBY. Parasites et maladies parasitaires du porc. Porc 23(7):30-31. July/Aug.1952. 46.8 P822

93252 GLEDHILL, A. W. The immunizing antigens of Erysipelothrix rhusiopathiae. The role of the L-antigen. Experientia 8:179-191. Ref. Aug.15,1952. 475 Ex7

93253 GOERTTLER, V. Zur pathogenese, epidemiologie und bekämpfung des rotlaufs. I. Monatsh. f. Vetmed. 7:289-296. Aug.1,1952. 41.8 M742

93254 GORET, P. Quelques données récentes sur la peste porcine. Porc 23(7):26-27. July/Aug.1952. 46.8 P822

93255 HOBSON, A. D., and others. Studies on the physiology of Ascaris lumbricoides. I-II. J. Expt. Biol. 29:1-29. Ref. Mar.1952. 442.8 B77
I, by A. D. Hobson, W. Stephenson, and L. C. Beadle. II, by A. D. Hobson, W. Stephenson, and A. Eden. From swine.

93256 HOFFERBER, O. Intrauterin entstandene streptokken-endokarditis bei ferkeln. Monatsh. f. Vetmed. 7:273-274. July 15,1952. 41.8 M742

93257 IRWIN, D. Intestinal resection and anastomosis in a piglet. So. African Vet. Med. Assoc. J. 23:118-119. June 1952. 41.8 So8

93258 JONES, T. L. Streptomycin and other agents used in infectious atrophic rhinitis of swine. Amer. Vet. Med. Assoc. J. 121:192-194. Sept.1952. 41.8 Am3

93259 JOUBERT. Données récentes sur le rouget du porc. Porc 23(7):24. July/Aug.1952. 46.8 P822

93260 KONO, R., and others. Studies on the experimental infection of swine with human influenza virus, FM1 strain. Jap. J. Expt. Med. 21:419-425. Ref. Dec. 1951. 448.8 J272
Y. Ashihara, M. Matumoto, T. Shimizu, and K. Okazaki, joint authors.

93261 KOSTYRA, J. Der achte tarsalskeltsknochen des hausschweines. (In Polish.) Lublin. U. M. Curie-Skłodowska Ann. Sect. DD 6:263-269. 1951. 512 L96Ad
German summary.

93262 LEWANDOWSKI, M. Nucleus olivarius inferior des schweines. (In Polish.) Lublin. U. M. Curie-Skłodowska Ann. Sect. DD 6:293-307. 1951. 512 L96Ad
German summary.

93263 LUTNICKI, W. Investigations on the phrenic nerve in the pig. (In Polish.) Lublin. U. M. Curie-Skłodowska Ann. Sect. DD 6:125-153. Ref. 1951. 512 L96Ad
English summary.

93264 MCNUTT, S. H. The present status of the new hog cholera vaccines. Vet. Sci. News 6(2):9-10. July 15, 1952. 41.8 V6492

93265 MILLER, R. A. Belladonna poisoning in swine. Vet. Med. 47:392. Sept.1952. 41.8 M69

93266 NONIN, S. Un cas d'ectopie testiculaire bilaterale chez un verrat. (In Serbo-Croatian.) Vet. Głasnik 6:207-208. Mar.1952. 41.8 J93

93267 PETERSEN, N. Wie vermeidet man ferkelfressen und versiegen der sauenmilch? Bauern Stolz 7/8:IX-X. 1952. 49 B322

93268 PINKERTON, H. E. Edema of newborn pigs. Fort Dodge Bio-chem. Rev. 22(4):6-7. Third Q.1952. 41.8 F772

93269 RAY, J. C. Abortions in swine. No. Amer. Vet. 33:626-627. Sept.1952. 41.8 N812

93270 REIHART, O. F., and REIHART, H. W. Accidental warfarin poisoning of young pigs: a hematological report. Vet. Med. 47:372-374. Sept.1952. 41.8 M69

93271 STEIN, C. D., and others. Diseases of swine. U. S. D. A. Farmers' B. 1914,rev.,30 p. July 1952. 1 Ag84F
C. A. Manthei, R. D. Shuman, and J. P. Torrey, joint authors.
Supersedes Farmers' Bulletin 1244.

93272 THIEPY, J. P. L'epizootie actuelle de peste porcine. Porc 23(7):11-12. July/Aug.1952. 46.8 P822

93273 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. The vesicular exanthema report, by B. T. Simms and K. M. Gapen. Washington,Aug.9,1952. 2 p. 1.911 R2R11
Vesicular exanthema of hogs.

93274 WIDIK, R. W. Die wissenschaftlichen grundlagen der aktiven immunisierung gegen den schweinerotlauf mit dem schwedischen avirulenten impfstoff. Monatsh. f. Prakt. Tierheilk. 4:205-210. (Cont.) Ref. 1952. 41.8 M74

93275 WILKINS, H. F. Vesicular exanthema of swine. Mont. Stockgrower 24(8):24,26-27. Aug.15,1952. 49 M76

Miscellaneous

93276 BISSON, J. E. Le tatouage des porcs. Digeste de l'Eleveur 6(11):12-13. July 1952. 49 D56

93277 BLAIN, J. Quelques aspects de la production porcine. Porc 23(7):23. July/Aug.1952. 46.8 P822

93278 BRUNER, W. H. Meat-type hog. Hog Annu. 1952:246-252,254. 46.8 H673

93279 CHIEFFI, A. Means of obtaining results in swine raising. (In Portuguese.) Lav. e Criação 13(5):17-18. May 1952. 49 L392

93280 DASSAT, P. Experimentation in swine raising in Great Britain. (In Italian.) Riv. di Zootec. 25:221-222. July/Aug.1952. 49 R52

93281 DEVUYST, A. Le porc de Piétrain dans l'économie porcine belge. Sillon Belge 22(520):1-2. (Cont.) Aug.9,1952. 13 Si3

93282 DOANE, D. H. Is it feeding or breeding that gives us the meat-type hog? Successful Farming 50(9):108,110,112-113. Sept.1952. 6 Su12

93283 FERRANDO, R. Un des aspects de la vie communautaire du porc: le microbisme de porcherie. Porc 23(7):25. July/Aug.1952. 46.8 P822

93284 HARDIN, L. S. Labor saving in the hog lot. Hog Annu. 1952:227-228,230-237. 46.8 H673

93285 THE HOG annual, 1952. Cincinnati, Farm Quarterly,1952. 352 p. 46.8 H673
Includes directories of breeders, markets, salesmen, shows, hatcheries.

93286 MCMILLEN, W. N. Hog profits for farmers, ed. by A. J. Paulus. Chicago,Windsor Press,1952. 242 p. Ref. 46 M22

93287 MCMILLEN, W. N. Showing and selling. OIC News 18(8):4. Aug.1952. 46.8 Oi1

93288 MEADE, R. J. Care of the brood sow and her litter. Natl. Live Stock Prod. 30(11):8,12. Sept.1952. 280.38 N21

93289 MERCER, E. Producing pork to suit the buyer. Hog Farmer 1(3):4,20. Apr.1952. 46.8 H674

93290 MEREGALLI, A. Effective temperature as an index to environmental conditions for raising swine. (In Italian.) Riv. di Zootec. 25:223-224. July/Aug.1952. 49 R52

93291 MONTGOMERY, G. A. Ways to trim your hog costs. Capper's Farmer 63(9):18-19,66-67. Sept.1952. 6 M693
Farm management.

93292 PLAGER, W., and PLAGER, C. More emphasis on muscle. Berkshire News 17(11):62-63. Sept.1952. 46.8 B454
Meat-type hogs.

93293 QUEENSLAND. DEPT. OF AGRICULTURE. PIG BR. Ear notching of pigs. Queensland Agr. J. 74:335-339. June 1952. 23 Q33

93294 SCHOLZ. Hüttenhaltung bei schweinen im sommer und ihre bewährung. Tierzucht 6:265-268. Aug. 1952. 49 T443

93295 THOMASSON, R. R. When the air gets frosty it's hog killing time on the farm. Kraftsman, Prod. Ed. 10(3):14-15. Fall 1952. 44.8 K85

93296 YUNNIE, R. P. Pigs produce fertility for crops; healthy open-air system dispenses with buildings. Farmer's Wk. [Bloemfontein] 83:12-13. July 23,1952. 24 F225
Pig farming in South Africa.

ENTOMOLOGY

GENERAL

93297 ARNAL, A. Estructura y contracción de los músculos de vuelo indirecto de los insectos. Soc. Espan. de Hist. Nat. B. Secc. Biol. 49:163-173. Ref. 1951. 442.9 So18
English summary.

93298 ARNOL'DI, K. V. In regard to clarifying the zonal regularities of formation of new insect groupings and populating the forest plantings with xerophilous species in steppe silviculture. (In Russian.) Zool. Zhur. 31:329-346. Ref. May/June 1952. 410 R92

93299 BABERS, F. H., and PRATT, J. J., JR. Life processes of insects. U. S. D. A. Ybk. 1952:30-37. Ref. 1 Ag84Y

93300 BARENDRECHT, G. New insight into the structure and origin of insect cuticle. (In Dutch.) Tijdschr. v. Ent. 95:XI-XVIII. Ref. 1952. 421 T21
Includes discussion.

93301 BONNET, P. Sur l'application de l'article 13 des règles de nomenclature (Lettre initiale minuscule de tous les noms d'espèce). Entomologiste 8:57-60. 1952. 421 En814

93302 BOURGIN, P. De l'utilisation d'un latin correct en nomenclature. Entomologiste 8:60-62. 1952. 421 En814

93303 BRADLEY, R. E. Observations on the development of Dirofilaria immitis in certain insects. (Abs.) Tenn. Acad. Sci. J. 27:206. July 1952. 500 T25A

93304 BROWER, A. E. Comments on the editorial "the components of an adequate paper describing a new species." Lepidopterists' News 6:37-40. Aug.8,1952. 421 L554

93305 BRUES, C. T. How insects choose their food plants. U. S. D. A. Ybk. 1952:37-42. 1 Ag84Y

93306 BUCHNER, P. Historische probleme der endosymbiose bei insekten. Tijdschr. v. Ent. 95:143-165. Ref. 1952. 421 T21
Includes discussion.

93307 BUDDENBROCK, W. VON. Vom farbensinn der tiere. Stuttgart,1952. 80 p. Ref. (Kosmos Bändchen 193) 444 B853
Includes insects.

93308 BURTON, M. Curiosities of animal life. London,Ward,Lock,1952. 224 p. 411 B95C
Includes insects.

93309 CARAYON, J. Les mécanismes de transmission héréditaire des endosymbiontes chez les insectes. Tijdschr. v. Ent. 95:111-142. Ref. 1952. 421 T21

93310 CARPENTER, F. M. Fossil insects. U. S. D. A. Ybk. 1952:14-19. 1 Ag84Y

93311 DESRUE, A. A propos d'un "équilibre faunistique." Phytoma 5(38):20-22. May 1952. 464.8 P563
Includes insects.

93312 DOCTERS VAN LEEUWEN, W. M. Plant galls of Vlieland. 3. (In Dutch.) Ent. Ber. 14:99-102. July 1, 1952. 420 N38B

93313 ELIGH, G. S. Factors influencing the performance of the precipitin test in the determination of blood meals of insects. Canad. J. Zool. 30:213-218. Ref. Aug. 1952. 470 C16D

93314 ENGEL, H. Proposed use of the plenary powers to suppress for nomenclatorial purposes the catalogue of the collection of animals formed by Martinus Houttuyn prepared under the title "Animalium musaei houttuiniani index" in connection with the sale of the collection which took place in 1787. B. Zool. Nomencl. 6:292-303. Aug.29,1952. 410 B874

93315 ESSIG, E. O. How insects live. U. S. D. A. Ybk. 1952:20-29. 1 Ag84Y

93316 FRAENKEL, G. The role of symbionts as sources of vitamins and growth factors for their insects hosts. Tijdschr. v. Ent. 95:183-196. Ref. 1952. 421 T21
Includes discussion.

93317 GLENDENNING, R. Reminiscences of fifty years of entomology in the lower Fraser Valley of British Columbia. Ent. Soc. Brit. Columbia. Proc. 48:16-19. Aug.15,1952. 420 B77

93318 GRAHAM, K. A model problem in insect ecology. Ent. Soc. Brit. Columbia. Proc. 48:97-99. Aug.15, 1952. 420 B77

93319 GRENIER, P., and TAUFFLIEB, R. Remarques sur les techniques modernes de montage rapide des insectes et l'utilisation des résines polyvinyliques en microscopie. Soc. de Path. Exot. B. 45:208-212. 1952. 448.9 So13

93320 HARDY, E. Do insects locate each other by scent or wireless? BEAMA J. 59:257-260. Aug.1952. 335.8 B11

93321 HAWES, I. I., and WADE, J. S., comps. A selected list of publications. U. S. D. A. Ybk. 1952:732-737. 1 Ag84Y
Entomology.

93322 HEMMING, F. International code of zoological nomenclature; proposed amplification clarifications and extensions to be considered by the International Congress of Zoology, Copenhagen, 1953. Amer. Nat. 86:251-252. July/Aug.1952. 470 Am36

93323 HILLING, J. L. De animalibus insectis 'Academic entomology.' Ulysses Aldrovandi. 1522-1605. Plant Protect. Overseas Rev. 3(2):11-15. July 1952. 464.8 P69

93324 HUGHES, G. M. The co-ordination of insect movements. I. The walking movements of insects. J. Expt. Biol. 29:267-284. Ref. June 1952. 442.8 B77

93325 KOCH, A. Neuere ergebnisse auf dem gebiete der experimentellen symbioseforschung. Tijdschr. v. Ent. 95:166-182. Ref. 1952. 421 T21
Includes discussion.

93326 KRAUSE, G. Schnittoperation im insekten-ei zum nachweis komplementärer induktion bei zwillingsbildung. Naturwissenschaften 39:356. Aug.1,1952. 474 N213

93327 MASSEE, A. M. Notes on some interesting insects observed in 1951. East Malling Res. Sta. Annu. Rpt. 39:155-161. 1951,pub.1952. 103 Ea7

93328 MICKEL, C. E. Values of insect collections. U. S. D. A. Ybk. 1952:60-64. 1 Ag84Y

93329 MILES, P. M. Mica scales as a soil substitute in rearing insects. Ent. Mon. Mag. 88:181. Aug.1952. 421 En86

93330 MILLS, H. B. Weather and climate. U. S. D. A. Ybk. 1952:422-429. Ref. 1 Ag84Y
Effects on insects.

93331 MUESEBECK, C. F. W. Progress in insect classification. U. S. D. A. Ybk. 1952:56-60. 1 Ag84Y

93332 MUESEBECK, C. F. W. What kind of insect is it? U. S. D. A. Ybk. 1952:43-55. 1 Ag84Y

93333 NOURY, E. M. A propos de l'élevage en tube. Entomologiste 8:28-29. 1952. 421 En814

93334 OMAN, P. W. How to collect and preserve insects for study. U. S. D. A. Ybk. 1952:65-78. 1 Ag84Y

93335 PAPP, A., and MANDL, K. Insekten aus den Congerienschichten des Wiener Beckens. Osterr. Akad. der Wiss. Math.-Natwiss. K. Sitzber. Abt. 1. 160:295-303. Ref. 1951. 510 Y67

93336 PAULIAN, R. Les grottes d'Andranoboka. Entomologiste 8:11-14. 1952. 421 En814

93337 POPHAM, E. J. Observations on the behaviour of aquatic insects during the drying up of a small moorland pond. Ent. Mon. Mag. 88:180-181. Aug.1952. 421 En86

93338 POPHAM, E. J. Some preliminary notes on the fauna hygropetrica of Lancashire and the Isle of Man. Soc. Brit. Ent. J. 4:59-63. May 16,1952. 420 En85J

93339 ROCKWELL, E. M., and JOHNSON, P. The in sect bite reaction. II. J. Invest. Dermat. 19:137-155. Ref. Aug.1952. 448.8 J8292

93340 ROSS, W. A. The Entomological Society of Canada. Ent. Soc. Brit. Columbia. Proc. 48:63-64. Aug. 15,1952. 420 B77

93341 SABROSKY, C. W. How many insects are there? U. S. D. A. Ybk. 1952:1-7. Ref. 1 Ag84Y

93342 SCHWANDER, A. Uber insekteneier. Leben u. Umwelt 8:255-256. Aug.1952. 410 L49

93343 SEVASTOPULO, D. G. Field notes from East Africa. 6. Entomologist 85:181-184. Aug.1952. 421 En8

93344 SPENCER, G. J. The 1951 status of our knowledge of the insects of British Columbia. Ent. Soc. Brit. Columbia. Proc. 48:36-41. Ref. Aug.15,1952. 420 B77

93345 STAMMER, H. J. Die verbreitung der endosymbiose bei den insekten. Tijdschr. v. Ent. 95:23-42. Ref. 1952. 421 T21
Includes discussion.

93346 TEALE, E. W. Oddities of the insect world. U. S. D. A. Ybk. 1952:8-14. 1 Ag84Y

93347 TOTH, L. The role of nitrogen-active microorganisms in the nitrogen metabolism of insects. Tijdschr. v. Ent. 95:43-62. Ref. 1952. 421 T21
Includes discussion.

93348 WIGGLESWORTH, V. B. Symbiosis in blood-sucking insects. Tijdschr. v. Ent. 95:63-69. Ref. 1952. 421 T21
Includes discussion.

GENERAL - ECONOMIC

93349 ABELENTSEV, V. I. Bats, their use in the control of pests in shelterbelts. (In Russian.) Lesn. Khoz. 4(11):64-67. Nov.1951. 99.8 L5622

93350 AMERICAN ASSOCIATION OF ECONOMIC ENTOMOLOGISTS. NORTH CENTRAL STATES BR. Proceedings, seventh annual meeting Saint Paul, Minnesota, March 27 and 28, 1952. n.p.,1952. 105 p. 422.12 N81

93351 ANKERSMIT, G. W., and LAAN, P. A. VAN DER. Results of experimental work with insecticides in the control of agricultural pests of Indonesia. (In Dutch.) Landbouw [Bogor] 23:423-482. Ref. Oct./Dec.1951. 22.5 L23
English summary.

93352 ARCHER, W. A. Aerosol for controlling herbarium pests. Science 116:233-234. Aug.29,1952. 470 Sci2

93353 ARCHIMOWITSCH, A. VON. Insekten, als mögliche überträger der virus-krankheiten der kartoffel in Spanien. Anz. f. Schädlingsk. 25:118-119. Aug.1952. 421 An9

93354 ARNOL'DI, K. V., GILIAROV, M. S., and OBRAZTSOV, B. V. The animal world under conditions of steppe silviculture. (In Russian.) Akad. Nauk SSSR. Inst. Lesa. Nauch. Voprosy Polezashch. Lesorazved. 1: 199-251. Ref. 1951. 99.9 Ak1N
Chiefly on forest pests.

93355 BAKER, H. Spider mites, insects, and DDT. U. S. D. A. Ybk. 1952:562-567. 1 Ag84Y
Effects of DDT on insect populations in apple spray programs.

93356 BAKER, H., and HIENTON, T. E. Traps have some value. U. S. D. A. Ybk. 1952:406-411. 1 Ag84Y

93357 BAKER, W. A., and MATHEWS, O. R. Good farming helps control insects. U. S. D. A. Ybk. 1952:437-440. 1 Ag84Y

93358 BECKER, G. G. An agricultural "Ellis Island." U. S. D. A. Ybk. 1952:355-360. 1 Ag84Y
Plant quarantine and inspection.

93359 BELL, C. E., JR. Controlling livestock pests. Ga. Agr. Col. Ext. C. 351,rev.,8 p. May 1951. 275.29 G29C

93360 BISHOPP, F. C., and PHILIP, C. B. Carriers of human diseases. U. S. D. A. Ybk. 1952:147-160. 1 Ag84Y
Insects.

93361 BISHOPP, F. C. Insect friends of man. U. S. D. A. Ybk. 1952:79-87. 1 Ag84Y

93362 BRENY, R. La défense des cultures. VIII. Les hydrocarbures chlorés. Le chlordane, le toxaphène, l'aldrine, et la dieldrine. B. Hort. (n.s.)7:195-200. July 1,1952. 80 B873

93363 BRUCE, W. N. A device for spraying cattle automatically. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:40-41. 1952. 422.12 N81

93364 BURKS, B. D. Insects, enemies of insects. U. S. D. A. Ybk. 1952:373-380. 1 Ag84Y

93365 BURNS, E. A. Inspection in transit. U. S. D. A. Ybk. 1952:365-370. 1 Ag84Y

93366 BYNUM, E. K., and others. Control of soil insects in Louisiana sugar-cane fields. Internatl. Soc. Sugar Cane Technol. Proc. 7:423-434. 1950,pub.1951. 65.9 In84
J. W. Ingram, L. J. Charpentier, and W. E. Haley, joint authors.

93367 CAFFREY, D. J. Insects that attack tobacco. U. S. D. A. Ybk. 1952:621-628. Ref. 1 Ag84Y

93368 CHAPMAN, P. J., RIEHL, L. A., and PEARCE, G. W. Oil sprays for fruit trees. U. S. D. A. Ybk. 1952: 229-239. 1 Ag84Y

93369 CHAPMAN, R. K. Low-gallonage treatment on vegetable crops. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:80-81. 1952. 422.12 N81

93370 CHAUVIN, R. Etudes d'écologie entomologique sur le champ de luzerne. I. Méthodes — sondages préliminaires. France. Inst. Natl. de la Rech. Agron. Ann. Sér. C, Ann. des Epiphyt. 3:61-81. Jan./Mar.1952. 464.9 F848An

93371 CHISHOLM, R. D. Nature and uses of fumigants. U. S. D. A. Ybk. 1952:331-339. 1 Ag84Y

93372 CHRISTENSON, L. D., and SMITH, F. F. Insects and the plant viruses. U. S. D. A. Ybk. 1952:179-190. 1 Ag84Y

93373 CHUVAKHIN, V. On the further trend of scientific-research work on the protection of cotton from pests and diseases. (In Russian.) Khlopkovodstvo 2:29-33. Feb.1952. 72.8 K522

93374 CLAUSEN, C. P. Parasites and predators. U. S. D. A. Ybk. 1952:380-388. Ref. 1 Ag84Y
Biological control.

93375 COMPTON, C. C., FLETCHER, F. W., and LILLY, J. H. Progress of investigations on control of soil-inhabiting pests of cereal crops. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:49-54. 1952. 422.12 N81

93376 CONKLE, H. J. Our domestic quarantines. U. S. D. A. Ybk. 1952:360-364. 1 Ag84Y

93377 COPE, O. B. Insects and the lower vertebrates. U. S. D. A. Ybk. 1952:699-708. 1 Ag84Y
Includes material on insects as prey and predator, possibilities for biological control and toxicity of insecticides to fish.

93378 CORNISH, G. S. Insect pests that injure lawns. Horticulture 30:310,322. Aug.1952. 80 H787

93379 CORTES, I. A. Enemigos del olivar. Cult. Mod. 35:246-248. July 1952. 15 C89
Insects and diseases.

93380 COTTON, R. T. Fumigating stored foodstuffs. U. S. D. A. Ybk. 1952:345-349. 1 Ag84Y

93381 COTTON, R. T., and ASHBY, W. Insect pests of stored grains and seed. U. S. D. A. Ybk. 1952:629-639. 1 Ag84Y

93382 CUTKOMP, L. K., and others. New insecticides. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:74-78. 1952. 442.12 N81
P. A. Dahm, J. M. Stanley, and W. W. Abramitis, joint authors.
Hydrocarbons, phosphates and systemic insecticides.

93383 DAVIS, J. J. Milestones in entomology. U. S. D. A. Ybk. 1952:441-444. 1 Ag84Y
Economic entomology.

93384 DELONG, D. M. Plant feeding potato insect pests and measures for their control. Amer. Potato J. 29:151-156. Ref. July 1952. 75.8 P842

93385 DICK, J. Sugar-cane entomology in Natal South Africa. Internatl. Soc. Sugar Cane Technol. Proc. 7:377-394. Ref. 1950,pub.1951. 65.9 In84

93386 DIKMANS, G., and others. Carriers of animal diseases. U. S. D. A. Ybk. 1952:161-169. 1 Ag84Y
A. O. Foster, C. D. Stein, and L. T. Giltner, joint authors.
Insects.

93387 DORWARD, K. Cooperative insect detection and reporting service. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:12-14. 1952. 422.12 N81

93388 DOWNES, W. Fifty years of entomology on Vancouver Island. Ent. Soc. Brit. Columbia. Proc. 48:9-16. Aug.15,1952. 420 B77
Chiefly economic entomology.

93389 DUBOIS, D. Use of the X-ray in milling wheat selection. Nowest. Miller (Milling Prod. Sect.) 248(11): 1a,18a. Sept.9,1952. 298.8 N81
Inspection of wheat for internal insect infestation.

93390 DUNBAR, P. B. Insecticides and the pure food law. U. S. D. A. Ybk. 1952:314-316. 1 Ag84Y

93391 DUSPIVA, F. Der einfluss der H-ionenkonzentration auf die wirksamkeit der winterspritzmittel in obstbau. Biol. Zentanst. f. Land- u. Forstwirt, Mitt. 74:62-68. Mar.1952. 410.9 G31M
Insects.

93392 DWORKIN, Z. Z., and DOVE, W. E. Pyrenone grain protectants. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:72-74. 1952. 422.12 N81
Includes discussion.

93393 EATON, C. B. Progress toward uniform survey practices. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:90-91. 1952. 422.12 N81

93394 EXT, W. Vielfältige pflanzenschutzaufgaben. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.61-62. Kiel,1951. 33.27 Sch34
Pest and disease control.

93395 FENJVES, P. Los insecticidas agrícolas y su uso en Venezuela. Venezuela. Div. de Ent. y Zool. B. Téc. 4,91 p. Apr.15,1951. 423.92 V55

93396 FIGUEROA P., A. Catalogo de los artropodos de las clases Arachnida e Insecta encontrados en el hombre, los animales y las plantas de la Republica de Colombia. I. Acta Agron. [Palmira] 2:127-139. July 1952. 9.4 Ac8

93397 FISHER, E. H. How to institute and establish changes in recommendations. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:45. 1952. 422.12 N81
Extension work.

93398 FITCH, K. A. Pest control a housekeeping problem. Buildings 52(9):38,40-41. Sept.1952. 296.8 B867

93399 FLESCHNER, C. A. The biological control of insect pests. Mod. Nutr. 5(7):14-18. July 1952. 389.9 Am352

93400 FRANKLIN, H. J. Cranberry insects in Massachusetts. Mass. Agr. Expt. Sta. B. 445(sup.),15 p. June 1952. 100 M38H

93401 FREUND, L. Die übertragung tierischer und pflanzlicher parasiten durch blutsaugende insekten. Z. f. Hyg. Zool. u. Schädlingsbekämpf. 39:310-313. Oct./Dec. 1951. 449.8 Z36

93402 GLEBOV, M. A. Distribution and expenditure of insecticide in dusting shelterbelts with the OKS machine. (In Russian.) Lesn. Khoz. 4(12):81-82. Dec. 1951. 99.8 L5622

93403 GOOSSEN, H. Schädlinge unserer wälder. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1256,1261. Aug.14,1952. 18 L2346

93404 GRECHKIN, V. P. Ocherki po biologii vreditelei lesa [Sketches on the biology of forest pests]. Moskva,Moskovskoe Ob-vo Ispytatelei Prirody,1951. 149 p. Ref. (Materialy k Poznaniiu Fauny i Flory SSSR. Novaia Seriia Otdel Zoologicheskii. 31) 411 M411

93405 GREGSON, J. D. The history of the study of external arthropods affecting animals and man in British Columbia. Ent. Soc. Brit. Columbia. Proc. 48:22-24. Aug.15,1952. 420 B77

93406 GUNDERSON, H. Entomology materials for television. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:44-45. 1952. 422.12 N81
Extension work.

93407 GUNDERSON, H. The use of low-pressure spraying in livestock pest control. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:41. 1952. 422.12 N81

93408 HAEUSSLER, G. J. Losses caused by insects. U. S. D. A. Ybk. 1952:141-146. 1 Ag84Y

93409 HAEUSSLER, G. J., and LEIBY, R. W. Surveys of insect pests. U. S. D. A. Ybk. 1952:444-449. 1 Ag84Y

93410 HALL, D. G., comp. How to get further information on insects. U. S. D. A. Ybk. 1952:737-743. 1 Ag84Y

93411 HAMMER, O. H. Concentrate vs. dilute sprays. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:24-27. 1952. 422.12 N81
Includes discussion.

93412 HANDFORD, R. H. The Dominion Field Crop Insect Laboratory and its work, Vernon, 1918-1938, and Kamloops, 1939-1950. Ent. Soc. Brit. Columbia. Proc. 48:31-33. Aug.15,1952. 420 B77

93413 HARUKAWA, C., and others. Insecticidal action of volatile compounds. Toxicity and action of gaseous insecticides (3rd report). (In Japanese.) Botyu-Kagaku 16:193-212. Ref. Dec.1951. 421 B65
S. Utida, Y. Nisikawa, M. Kiyoku, T. Kondo, M. Yosida, and N. Suzuki, joint authors.
English summary.

93414 HEAL, R. E. The effectiveness of insecticide vaporizers. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:69-71. 1952. 422.12 N81

93415 HENDERSON, L. S. Household insects. U. S. D. A. Ybk. 1952:469-475. 1 Ag84Y

93416 HENRY, B. W., and LEE, R. E. Pests that may attack your shade trees. Forests & People 2(3):26-27,43. July 1952. 99.8 F7628
Insects and fungi.

93417 HOFFMANN, A. Répertoire analytique des espèces animales nuisibles aux cultures en France (Métropole et départements d'Outre-mer) ayant présenté d'interessantes particularités en 1950. France. Inst. Natl. de la Rech. Agron. Ann. Sér. C, Ann. des Epiphyt. 3:103-109. Jan./Mar.1952. 464.9 F848An

93418 HOLLOWAY, J. K., and HUFFAKER, C. B. Insects to control a weed. U. S. D. A. Ybk. 1952:135-140. Ref. 1 Ag84Y

93419 HOWE, R. W., and OXLEY, T. A. Detection of insects by their carbon dioxide production. London, H. M. Stationery Off.,1952. 20 p. Ref. 423 H833
Control of grain storage pests.

93420 HUS, P. Die organisation der warnungsmeldungen in den Niederlanden. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:6-11. Mar.1952. 410.9 G31M
Insect control.

93421 HUTSON, R., ARBUTHNOT, K. D., and HASEMAN, L. Can biological and chemical controls work together? Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:17-24. 1952. 422.12 N81

93422 INGERSON, H., and IRONS, F. Machines for applying insecticides. U. S. D. A. Ybk. 1952:258-262. 1 Ag84Y

93423 INGRAM, J. W., BYNUM, E. K., and MATHES, R. Insect pests of sugar cane in continental United States. Internatl. Soc. Sugar Cane Technol. Proc. 7:395-400. 1950,pub.1951. 65.9 In84

93424 JANCKE, O. Rebschädlinge und-krankheiten im jahre 1951. Deut. Weinbau 7:201-202. May 5,1952. 390.8 W432

93425 JANCKE, O. Wie steht es um die schädlingsbekämpfung? Deut. Weinbau 7:435-436. Aug.20,1952. 390.8 W432

93426 JOHNSON, R. K. X-rays spur infestation control. Food Engin. 24(9):75-77,168-170. Sept.1952. 389.8 F737
Grain.

93427 JONES, M. P. Extension work in entomology. U. S. D. A. Ybk. 1952:457-462. 1 Ag84Y

93428 JONES, M. P., and others. Meeting demands for more and better extension personnel. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:45-49. 1952. 422.12 N81
J. J. Davis, E. Hixson, and H. M. Harris, joint authors.

93429 KAL'BERGENOV, G. K. Aerosols in the control of storage pests. (In Russian.) Sovet. Agron. 10(6): 68-71. June 1952. 20 So84

93430 KALMBACH, E. R. Birds, beasts, and bugs. U. S. D. A. Ybk. 1952:724-731. 1 Ag84Y
Predators of insects.

93431 KLOSTERMEYER, E. C. Insect control and pollination recommendations for alfalfa and clover seed. Wash. State Col. Ext. Mimeog. 581,rev.,9 p. Mar.1952. 275.29 W27Mi

93432 KNIPLING, E. F. Benefits of ectoparasite control on livestock. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:38-40. 1952. 422.12 N81
Includes discussion.

93433 KNIPLING, E. F. The control of insects affecting man. U. S. D. A. Ybk. 1952:486-496. 1 Ag84Y

93434 KNIPLING, E. F. Ticks, lice, sheep keds, mites. U. S. D. A. Ybk. 1952:662-666. 1 Ag84Y
Control of pests of livestock and poultry.

93435 KOTTE, W. Pflanzenschutz und biologisches gleichgewicht. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:11-15. Mar.1952. 410.9 G31M
Insects.

93436 LATTA, R., and LANE, M. C. Fumigating soils and plants. U. S. D. A. Ybk. 1952:340-344. 1 Ag84Y

93437 LAURENT, J. Traitements concentrés dans les vergers de l'Okanagan. Rev. Hort. 124:748-751. July/Aug.1952. 80 R32
For insect control.

93438 LEACH, J. G. Insects, bacteria, and fungi. U. S. D. A. Ybk. 1952:191-196. 1 Ag84Y
Insects as vectors of plant diseases.

93439 LEMMON, A. B. State pesticide laws. U. S. D. A. Ybk. 1952:302-310. 1 Ag84Y

93440 LINDUSKA, J. P., and LINDQUIST, A. W. Some insect pests of wildlife. U. S. D. A. Ybk. 1952:708-724. Ref. 1 Ag84Y

93441 LYLE, C. Can insects be eradicated? U. S. D. A. Ybk. 1952:197-199. 1 Ag84Y

93442 MARSHALL, J. Applied entomology in the orchards of British Columbia, 1900-1951. Ent. Soc. Brit. Columbia. Proc. 48:25-31. Ref. Aug.15,1952. 420 B77

93443 MAY, C., and BAKER, W. L. Insects and spread of forest-tree diseases. U. S. D. A. Ybk. 1952: 677-682. 1 Ag84Y

93444 MEDVEDEV, S. I., BOZHKO, M. P., and SHAPIRO, D. S. Effect of irrigation on insect fauna in the district of the Kakhovskafà Hydroelectric Station and Southern-Ukrainian Canal. (In Russian.) Zool. Zhur. 31: 347-360. May/June 1952. 410 R92

93445 MESSENGER, A. P. Inspection at terminals. U. S. D. A. Ybk. 1952:371-372. 1 Ag84Y
Plants.

93446 MESSENGER, K., and POPHAM, W. L. From 0 to 5,000 in 34 years. U. S. D. A. Ybk. 1952:250-251. 1 Ag84Y
Aircraft in insect control.

93447 METCALF, R. L. Why we use insecticides. Mod. Nutr. 5(5):10-15. May 1952. 389.9 Am352

93448 MILUM, V. G. Danger of pesticides to pollinating insects. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:84-85. 1952. 422.12 N81

93449 MONTE, G. D. The enemies of flour. (In Italian.) Molini d'Italia 3:317-320. July 1952. 298.8 M73
English summary.
Insect pests.

93450 MUNGOMERY, R. W. The status of benzene hexachloride in the control of some Queensland sugar cane pests. Internatl. Soc. Sugar Cane Technol. Proc. 7:404-410. 1950,pub.1951. 65.9 In84

93451 NAGAOKA, N., and KOBAYASHI, T. Plant bugs on leguminous meadow grasses. (In Japanese.) Oyo-Kontyu 7:110. Dec.1951. 421 Oy6

93452 NELSON, R. H., comp. Conversion tables and equivalents. U. S. D. A. Ybk. 1952:743-746. 1 Ag84Y
For diluting and applying insecticides.

93453 NEWCOMER, E. J., WESTLAKE, W. E., and LANDIS, B. J. Using insecticides effectively. U. S. D. A. Ybk. 1952:245-249. 1 Ag84Y

93454 NIKIFOROV, A., and FRATKIN, A. Controlling pests of agricultural crops. (In Russian.) Kolkhoz. Proizvodstvo 12(5):32-33. May 1952. 281.8 K83

93455 NIKIFOROV, A. M., ed. Aerozoli i ikh primenenie dlfà bor'by s ambarnymi vreditelfàmi i parazitami sel'skokhozfàistvennykh zhivotnykh [Aerosols and their utilization in the control of storage pests and farm animal parasites]. Moskva,Gos. Izd-vo Selkhoz Lit-ry,1951. 71 p. 423 N58

93456 NOLTE, H. W. Alte und neue mohnschädlinge. Deut. Landwirt. 3:379-382. July 1952. 18 D4822

93457 NOMURA, K. On the locality of the outbreak type of agricultural insect pests and climatic zone in Japan. I. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:63-66. Nov.1951. 107.6 K995B
English summary.

93458 OLDS, H. F. Fifty years of plant quarantine legislation and activities in B.C. Ent. Soc. Brit. Columbia. Proc. 48:34-36. Aug.15,1952. 420 B77

93459 PACKARD, C. M. Cereal and forage insects. U. S. D. A. Ybk. 1952:581-595. Ref. 1 Ag84Y
Chiefly control.

93460 PACKARD, C. M., and MARTIN, J. H. Resistant crops, the ideal way. U. S. D. A. Ybk. 1952:429-436. 1 Ag84Y

93461 PAINE, J. List of insects occurring on the hop. East Malling Res. Sta. Annu. Rpt. 39:179-180. 1951, pub.1952. 103 Ea7

93462 PAINTER, R. H., DAHMS, R. G., and NOBLE, W. B. Research on control of other insects affecting small grain. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:56-58. 1952. 422.12 N81
Phytophaga destructor, Toxoptera graminum and Cephus cinctus.

93463 PARKS, T. H. Tailoring extension publication to fit the need. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:43-44. 1952. 422.12 N81

93464 PEMBERTON, C. E. The present status of the insect pests of sugar cane in Hawaii and the prospect of new invasions. Internatl. Soc. Sugar Cane Technol. Proc. 7:401-404. 1950,pub.1951. 65.9 In84
Includes discussion.

93465 PINTO, M. P. D. Plant import legislation in Ceylon. Trop. Agr. 109:244-249. Oct./Dec.1951. 26 T751

93466 PORTER, B. A. Insects are harder to kill. U. S. D. A. Ybk. 1952:317-320. 1 Ag84Y

93467 PROPERTIES and effectiveness of heptachlor. Agr. Chem. 7(9):35-37,125-126. Sept.1952. 381 Ag8
Contains a list of pests controlled by heptachlor and concentrations suggested.

93468 RAINWATER, C. F. Progress in research on cotton insects. U. S. D. A. Ybk. 1952:497-500. 1 Ag84Y

93469 REED, W. G. The Federal Act of 1947. U. S. D. A. Ybk. 1952:310-314. 1 Ag84Y
Insecticides.

93470 RICH, G. B. A review of studies on the systemic control of livestock insect parasites. Ent. Soc. Brit. Columbia. Proc. 48:58-59. Aug.15,1952. 420 B77

93471 RICHTER, W. Abhängigkeit des schädlingsbefalls im grünland vom kulturzustand der flächen., Grünland 1:57-58. Aug.1952. 18 G922

93472 ROGOFF, W. M. Value, hazards, etc. of "back rubber" control of range animal pests. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:40. 1952. 422.12 N81

93473 ROSSEM, G. VAN. Report on the occurrence of some insect pests in 1950. (In Dutch.) Tijdschr. v. Ent. 95:II-XI. 1952. 421 T21
Includes discussion.

93474 ROZHKOV, V. S. Pomegranate leaf roller and measures for controlling it. (In Russian.) Sad i Ogorod 1:52. Jan.1952. 80 Sa13

93475 SAZONOV, P. V. Utilization of mineral oils in pest control. (In Russian.) Sad i Ogorod 1:40-41. Jan.1952. 80 Sa13
Conference.

93476 SCHARMER, J., and SINGER, G. Über erfahrungen mit sprühbehandlungen im obstbau. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:147-156. Mar.1952. 410.9 G31M

93477 SEARLS, E. M. The industrial entomologist. U. S. D. A. Ybk. 1952:455-457. 1 Ag84Y
Insect prevention in food-processing plants.

93478 SHAFFER, B., JACOBSON, C., and PORI, P. P. Papular urticaria, its relationship to insect allergy. Ann. Allergy 10:411-421. Ref. July/Aug.1952. 448.8 An72

93479 SHENEFELT, R. D. Possible vectors of oak wilt disease. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:89-90. 1952. 422.12 N81
Insects.

93480 SHENEFELT, R. D. Soil insecticides for nurseries. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:88. 1952. 422.12 N81

93481 SHERMAN, R. W. Summary of Federal plant regulatory legislation. U. S. D. A. Ybk. 1952:747. 1 Ag84Y

93482 SMITH, R. C. The special responsibilities of entomologists in the North Central States Branch area. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:1-3. 1952. 422.12 N81

93483 SOLLERS, H. Entomologists in Washington. U. S. D. A. Ybk. 1952:462-468. 1 Ag84Y

93484 SPROSSMANN, G. Forstschädlingsbekämpfung durch einsatz von nebelgeräten. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:102-103. Mar.1952. 410.9 G31M

93485 STEINHAUS, E. A. Infectious diseases of insects. U. S. D. A. Ybk. 1952:388-394. 1 Ag84Y
Includes biological control.

93486 SULLIVAN, W. N., FULTON, R. A., and YEOMANS, A. H. Aerosols and insects. U. S. D. A. Ybk. 1952:240-244. 1 Ag84Y

93487 SWAIN, R. B. How insects gain entry. U. S. D. A. Ybk. 1952:350-355. 1 Ag84Y

93488 SYMES, C. B. Some recent progress in the study of insecticides and their application for the control of vectors of disease. Roy. Sanit. Inst. J. 72:498-514. Ref. Sept.1952. 449.9 R812
Includes discussion.

93489 THIEM, H. Sind im obstbaulichen pflanzenschutz grossraumbehandlungen möglich? Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:156-159. Mar.1952. 410.9 G31M

93490 THOMPSON, W. L., and others. The use of sulphur in citrus groves. Citrus Mag. 15:28-30. Sept. 1952. 80 C498
I. W. Wander, F. E. Fisher, and J. T. Griffiths, Jr., joint authors.
Pest control.

93491 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of the Republic of Honduras. U. S. Bur. Ent. & Plant Quar. B.E.P.Q. 598,2 p. July 24,1952. 1.9 F73

93492 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of the Republic of Nicaragua. U. S. Bur. Ent. & Plant Quar. B.E.P.Q. 599,2 p. July 24,1952. 1.9 F73

93493 U. S. DEPT. OF AGRICULTURE. The yearbook of agriculture, 1952; insects. Washington,1952. 780 p.,illus.(pt.col.) 1 Ag84Y

93494 U. S. PRODUCTION AND MARKETING ADMIN. Estimated regional requirements for pesticides in the crop years 1950-51 and 1951-52, expressed in percentage of the quantity estimated to have been used during the previous year. Washington.1952. 1 p. 1.956 M41Es8
Insecticides, fungicides, and herbicides.

93495 U. S. PUBLIC HEALTH SERV. COMMUNICABLE DISEASE CENTER. Recommendations for use of insecticides and rodenticides in communicable disease control operations in 1952. Savannah,1952. 15 p. 151.66 R25

93496 VAN ZWALUWENBURG, R. H. The insects affecting sugar cane in Mexico. Internatl. Soc. Sugar Cane Technol. Proc. 7:373-377. 1950,pub.1951. 65.9 In84

93497 VENABLES, E. P. Fifty years of entomology in the interior of British Columbia. Ent. Soc. Brit. Columbia. Proc. 48:19-22. Aug.15,1952. 420 B77
Economic entomology mainly.

93498 VIETINGHOFF-RIESCH, A.,FREIHERR VON. Vertilgerkreise einiger forstlicher grossschädlinge. Göttingen. U. Forstl. Fakul. Schrreihe. 2:62-66. 1951. 99.9 G71

93499 WALTHER, R. Erfahrungen mit E 605 in einem samenzuchtbetrieb. Höfchen- Briefe f. Wiss. u. Praxis 4:234-236. 1951. 464.8 H67

93500 WEHR, E. E., and LUCKER, J. T. Insects and helminths. U. S. D. A. Ybk. 1952:169-179. Ref. 1 Ag84Y

93501 WEIGEL, C. A., and ST. GEORGE, R. A. Insect pests of flowers and shrubs. U. S. D. A. Ybk. 1952: 640-651. 1 Ag84Y

93502 WELLENSTEIN, G. Neue wege zur steigerung der wirtschaftlichkeit in der forstlichen schädlingsbekampfung. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:50-57. Mar.1952. 410.9 G31M
Insects.

93503 WELLMANN, G. Zu den ausführungen "Die ubertragung tierischer und pflanzlicher parasiten durch blutsaugende insekten" von L. Freund. Z. f. Zool. u. Schädlingsbekämpf. 39:313-314. Oct./Dec.1951. 449.8 Z36

93504 WHITEHEAD, G. B. Some notes on the insect ecology of citrus and the use of insecticides. Plant Protect. Overseas Rev. 3(2):16-20. July 1952. 464.8 P69

93505 WILSON, M. C. Resistance and damage studies on legumes. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:29-31. 1952. 422.12 N81
Includes discussion.

93506 YEOMANS, A. H. Radiant energy and insects. U. S. D. A. Ybk. 1952:411-421. 1 Ag84Y
In control.

93507 YUILL, J. S., ISLER, D. A., and CHILDRESS, G. D. Research on aerial spraying. U. S. D. A. Ybk. 1952:252-258. 1 Ag84Y
Insects.

93508 ZWÖLFER, W. Zum giftnebeleinsatz im forstschutz. Anz. f. Schädlingsk. 25:113-115. Aug.1952. 421 An9

INSECTICIDES

93509 ALLEN, T. C., and CASIDA, J. E. Absorption and translocation of insecticides in plants. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:6-7. 1952. 422.12 N81

93510 BANHAM, F. L., and FINLAYSON, D. G. The effect of certain insecticides on the germination and growth of onions. I-II. Ent. Soc. Brit. Columbia. Proc. 48:67-76. Aug.15,1952. 420 B77
I, Insecticides applied to the soil; II, Insecticides applied to the seed.

93511 BERAN, F. Quantitative toxikologische studien an synthetischen insektiziden. Gent. Landbhogesch. Meded. 17:203-221. Ref. Mar.1952. 105.1 G344
English summary.

93512 BISHOPP, F. C., and HORSFALL, J. L. The safe use of insecticides. U. S. D. A. Ybk. 1952:271-275. 1 Ag84Y

93513 BOSWELL, V. R. Residues, soils, and plants. U. S. D. A. Ybk. 1952:284-297. Ref. 1 Ag84Y
Insecticides.

93514 BOT, J. The action of DDT, hexachlorocyclohexane, chlordane and toxaphene. Doc. de Med. Geog. et Trop. 4:57-70. Ref. Mar.1952. 448.8 D65

93515 BOWEN, C. V., and HALL, S. A. The organic insecticides. U. S. D. A. Ybk. 1952:209-218. 1 Ag84Y

93516 CAMPBELL, A. M. G. Neurological complications associated with insecticides and fungicides. Brit. Med. J. 4781:415-417. Aug.23,1952. 448.8 B77

93517 CARTER, R. H. The inorganic insecticides. U. S. D. A. Ybk. 1952:218-222. 1 Ag84Y

93518 DROOZ, A. T. Effects of aerial applications of DDT on aquatic insects and fish. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:87-88. 1952. 422.12 N81

93519 DUSPIVA, F. Zentrale stoffwechselvorgänge in ihrer beziehung zu neuzeitlichen insektiziden. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:93-97. Ref. Mar.1952. 410.9 G31M

93520 FAHEY, J. E., BANN, J. M., and WEINMAN, C. J. Residues. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:78-80. 1952. 422.12 N81

93521 FEINSTEIN, L. Insecticides from plants. U. S. D. A. Ybk. 1952:222-229. Ref. 1 Ag84Y

93522 HALLER, H. L. How insecticides are mixed. U. S. D. A. Ybk. 1952:202-204. 1 Ag84Y

93523 HAMADA, M., TAKANO, T., and OHNO, M. Determination of p,p´-DDT in DDT emulsion (Studies on the determination of DDT, III). (In Japanese.) Botyu-Kagaku 17:27-31. Mar.1952. 421 B65
English summary.

93524 HITCHNER, L. S. The insecticide industry. U. S. D. A. Ybk. 1952:450-454. 1 Ag84Y

93525 HORIGUCHI, H., YAMASHINA, H., and SHOJI, M. The effect of some new organic agricultural chemicals on crops. 1. On the injurious concentration of benzene hexachloride to germinating roots of barley. (In Japanese.) Oyo-Kontyu 7:183-189. Ref. Mar.1952. 421 Oy6
English summary.

93526 ISHIGURO, T., HAMADA, M., and MIYAGAWA, I. On the dipole moments of DDT and its related compounds. I. (In Japanese.) Botyu-Kagaku 16:220-226. Ref. Dec.1951. 421 B65
English summary.

93527 ITZEROTT, H. Hat die gamma-isomere des hexachlorcyclohexans eine kontaktwirkung? Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:98-102. Mar.1952. 410.9 G31M

93528 KIKUTANI, M., and OSHIMA, Y. Chemical studies on the insecticidal principle of "haedokuso" Phryma leptostachya L. I. The distribution in the plant and isolation of the insecticidal principle. (In Japanese.) Botyu-Kagaku 17:10-14. Ref. Mar.1952. 421 B65
English summary.

93529 KNIGHT, G. F. Pesticides by inhalation—a warning. Mod. Nutr. 5(6):4-5. June 1952. 389.9 Am352

93530 KOBAYASHI, G. On the correlation between the mortality and the wheat germination by BHC dust. (In Japanese.) Botyu-Kagaku 17:19-27. Mar.1952. 421 B65
English summary.

93531 KONO, T. Quantitative studies on the toxicity of poisonous gases. II. Analysis of dying process. (In Japanese.) Botyu-Kagaku 16:212-220. Dec.1951. 421 B65
English summary.

93532 LOOSJES, F. E. Some technical appliances for the research of insecticides in the laboratory. (In Dutch.) Gent. Landbhogesch. Meded. 17:88-93. Mar.1952. 105.1 G344
English summary.

93533 MCCAULEY, W. E. How insecticide controls affect the manufacturer. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:7-12. 1952. 422.12 N81

93534 MATSUBARA, H. Biochemical mechanism of synergistic action in insecticides. (In Japanese.) Botyu-Kagaku 16:234-239. Ref. Dec.1951. 421 B65

93535 MATSUBARA, H. Studies on synergist for insecticides. V. On the concentration of egonol by the solvent extraction. (In Japanese.) Botyu-Kagaku 16: 190-193. Dec.1951. 421 B65
English summary.

93536 MOHR, A. W. It's time for long-range planning Agr. Chem. 7(9):31,131,133,135. Sept.1952. 381 Ag8
Insecticides industry.

93537 MONSEUR, X. G., BEVER, M. L. VAN., and DETROUX, L. Valeur insecticide de quelques Tephrosia du Congo Belge. Gent. Landbhogesch. Meded. 17:119-133. Ref. Mar.1952. 105.1 G344

93538 NAKAZIMA, M., and NAGAOKA, T. Determination of heptachlorocyclohexane in technical benzene hexachloride. (In Japanese.) Botyu-Kagaku 16:183-186. Dec.1951. 421 B65
English summary.

93539 NAKAZIMA, M., and others. Synthesis of benzene hexachloride by silent discharge. (In Japanese.) Botyu-Kagaku 17:6-10. Mar.1952. 421 B65
Y. Mottzuki, T. Matumura, and T. Yosida, joint authors.
English summary.

93540 POOS, F. W., and others. Effects of drying procedures, plant growth, and weathering on insecticide residues on sprayed alfalfa. U. S. Bur. Ent. & Plant Quar. E-842,6 p. Aug.1952. 1.9 En83
T. N. Dobbins, R. H. Carter, P. E. Hubanks, R. E. Ely, and L. A. Moore, joint authors.

93541 RADELEFF, R. D., BUSHLAND, R. C., and CLABORN, H. V. Toxicity to livestock. U. S. D. A. Ybk. 1952:275-283. Ref. 1 Ag84Y

93542 ROARK, R. C. How insecticides are developed. U. S. D. A. Ybk. 1952:200-202. 1 Ag84Y

93543 SAKAI, S., KOJIMA, K., and SATŌ, M. Insect toxicological studies on the joint toxic action of insecticides. III. On the joint toxic action between contact insecticides. 2. Oyo-Kontyu 7:135-144. Ref. Dec.1951. 421 Oy6

93544 SANTOS, E. Many beneficial birds are destroyed in the struggle against the pests of husbandry. (In Portuguese.) Fauna [São Paulo] 11(7):19-20. July 1952. 410 F272

93545 STONER, H. B., THRELFALL, C. J., and GREEN, H. N. The effect of 3:5-dinitro-ortho-cresol on the organic phosphates of muscle. Brit. Expt. Path. 33: 398-404. Ref. Aug.1952. 448.8 B772

93546 TILEMANS, E., and DORMAL, S. The toxicity of pest control materials against man and warm blooded animals. (In Flemish.) Gent. Landbhogesch. Meded. 17: 134-156. Mar.1952. 105.1 G344
English summary.
Insecticides and fungicides.

93547 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. List of publications of the Division of Insecticide Investigations, January 1,1952 to June 30, 1952. Washington,1952. 2 p. 1.9 En866P

93548 UNTERSTENHOFER, G. Uber das innertherapeutische insektizid systox. Gent. Landbhogesch. Meded. 17:75-87. Mar.1952. 105.1 G344
English summary.

93549 VASTAGH, G., VASTAGH, E., and GERVAY, V. Über die bestimmung vom gesamt-chlorgehalt in DDT und DDT-haltigen präparaten. Arch. der Pharm. 285:165-169. 1952. 396.9 Ar2A

93550 WATANABE, M., and others. Studies on the inhibition of enzymes by the antibiotics. I. Inhibition of papain by unsaturated ketones. (In Japanese.) Botyu-Kagaku 17:1-6. Ref. Mar.1952. 421 B65
K. Okada, K. Mori, and N. Ito, joint authors.
English summary.

93551 YAMADA, R., SATO, T., and IWATA, J. Quantitative analysis of pyrethrins by the polarographic method. (In Japanese.) Botyu-Kagaku 17:31-37. Ref. Mar.1952. 421 B65
English summary.

93552 YAMASAKI, T., and ISHII, T. Studies on the mechanism of action of insecticides. IV. The effects of insecticides on the nerve conduction of insect. (In Japanese.) Oyo-Kontyu 7:157-164. Ref. Mar.1952. 421 Oy6
English summary.

APICULTURE AND APIS MELLIFERA

93553 ALL INDIA BEE-KEEPERS' ASSOCIATION. Proceedings of the 13th annual general meeting of the All-India Bee-keepers' Association and the XIII All-India Bee Exhibition, held at Nainital, Uttar Pradesh at the Chalet Hall, Nainital, May 27th to 29th, 1951. Almora, 1951. 15 p. 424.9 AL5

93554 ALLMENDINGER, F. Otto'sche einheitsblätterbeute mit hängenden waben. Imkerfreund 7:185-187. June 1952. 424.8 Im43

93555 ANDERHUB, J. Bienenzucht und tierschutz. Schweiz. Bienen-Ztg. 75:309-313. July 1952. 424.8 Sch9

93556 ANDERSON, E. J. Capping pattern may be beautiful and strong. Amer. Bee J. 92:388-389. Sept. 1952. 424.8 Am3

93557 ANGELERI, D. Brood combs and honey combs. (In Italian.) Apic. Mod. 44:182-189. July/Aug.1952 424.8 Ap39

93558 ANGELERI, D. The honeycomb. (In Italian.) Apic. Mod. 44:177-181. July/Aug.1952. 424.8 Ap39

93559 ANGELERI, D. Migratory apiculture in mountain areas. (In Italian.) Apic. Mod. 44:147-150. June 1952. 424.8 Ap39

93560 ANTONIOLI, I. "Budba" beehive for economico-industrial apiculture. (In Serbo-Croatian.) Pčelar 50:74-78. May/July 1952. 424.8 P296

93561 APPEL, H. Ein urtümliches merkmal an der bienenpuppe. Westfälische Bienenztg. 65:191-192. July 1952. 424.8 W526

93562 BAILEY, L. The action of the proventriculus of the worker honeybee, Apis mellifera L. J. Expt. Biol. 29:310-326. Ref. June 1952. 442.8 B77

93563 BANFF, J. Königinnenverluste und ihre ursachen. Hess. Biene 88:104-105. July 1952. 424.8 B476

93564 BEEKEEPING in Holland. Mod. Beekeeping 36: 232-236. July 1952. 424.8 B397

93565 BERNER, U. Die bienenweide im wandel der zeiten. I. Deut. Bienenztg. 7:113-114. Aug.1,1952. 424.8 D488

93566 BOEHM, H. Der vereinigungsbetrieb im dreiraumigen einetager. Westfälische Bienenztg. 65:78-79. Mar.1952. 424.8 W526

93567 BONE, D. Our grandfathers and the winter problem. XVI. Bee Craft 34:121-122. Aug.1952. 424.8 B3925

93568 BRISCOE, D. A. Constructing a honey-house bogey. New Zeal. J. Agr. 85(1):61-62. July 15,1952. 23 N48J

93569 BÜDEL. Der imker und die wettervoraussage. Hess. Biene 88:68-69. June 1952. 424.8 B476

93570 BÜDEL, A. Die bienenphysik bringt beweise. VII. Imkerfreund 7:210-211. July 1952. 424.8 Im43
Hive temperature.

93571 BUTLER, C. G. Bee-hives. Gt. Brit. Min. Agr. & Fisheries. B. 144,20 p. 1952. 10 G794B

93572 CHELLAN, J. Y. Can you find her? Manx J. Agr. (n.s.)7:50-52. July 1952. 10 M312
Locating the queen bee in the colony.

93573 DEH, F. T. Beekeeping in Formosa. Bee World 33:150-151. Sept.1952. 424.8 B399

93574 DESIVOJEVIĆ, P. A retrospection to 1951 and the preparation for 1952. (In Serbo-Croatian.) Pčelar 50:91-95. May/July 1952. 424.8 P296

93575 DESIVOJEVIĆ, P. What does my 1951 bee diary say. (In Serbo-Croatian.) Pčelar 49:111-114. July/Aug.1951. 424.8 P296

93576 DIVAC, N. S. The May disease. (In Serbo-Croatian.) Pčelar 49:132-133. Sept./Oct.1951. 424.8 P296

93577 DÖRR, H. Da streiten sich die leut'herum. Hess. Biene 88:53-54,84-85. (Cont.) May-June 1952. 424.8 B476
Beehives.

93578 DREHER, K. Zweck und aufgabe der bienenwirtschaftlichen versuchsstation. Westfälische Bienenztg. 65:100-101. Apr.1952. 424.8 W526

93579 DUNHOF. Soll eine bienenwohnung luftdurchlässig sein? Niedersächs. Bienenfr. 8:211-214. Aug. 1952. 424.8 N552

93580 FARRAR, C. L. Best methods of wintering bees. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:85-86. 1952. 422.12 N81

93581 GERHARDT, E. Die grosse bedeutung der honigbienen. Urania 15:228-230. June 1952. 474 Ur1
Pollinators.

93582 GETTERT, L. Heidvölker werden umbeweiselt. Hess. Biene 88:76-77. June 1952. 424.8 B476

93583 GRANLUND, R. A simple, good method. (In Swedish.) Bitidningen 51:191,197. Aug.1952. 424.8 B54
Swarming.

93584 GROSKREUTZ, H. Freude und nutzen durch lohnende bienenweide! Westfälische Bienenztg. 65:74-76. Mar.1952. 424.8 W526

93585 GROTEGUT, L. Nachwuchs! Westfälische Bienenztg. 65:195-196. July 1952. 424.8 W526

93586 GRZIWA, J. Ein kleinklimatologisch günstiger bienenstand. Imkerfreund 7:184-185. June 1952. 424.8 Im43

93587 GUSE. Ein lob dem bienengift. Westfälische Bienenztg. 65:79-81. Mar.1952. 424.8 W526

93588 HAAK, J. Normung—auch für uns? Westfälische Bienenztg. 65:101-104. Apr.1952. 424.8 W526

93589 HALLUND, V. Temperature of the bee. (In Danish.) Nord. Bitidskr. 4:51-54. 1952. 424.8 N752

93590 HANSSON, A. Can bees be protected from the danger of being poisoned by being locked up? (In Swedish.) Bitidningen 51:176-178. July 1952. 424.8 B54

93591 HANSSON, A. Plant protection and bee poisoning—a subject of current interest. (In Swedish.) Nord. Bitidskr. 4:48-50. 1952. 424.8 N752

93592 HAYNIE, J. D., and MURPHEY, M., JR. Beginning beekeeping. Fla. Agr. Col. Ext. C. 151,31 p. June 1952. 275.29 F66

93593 HEINECKE, H. Zukünftiges in der zuchttechnik. Westfälische Bienenztg. 65:135-137. May 1952. 424.8 W526

93594 HESS. Mehr honig durch neue methoden. Westfälische Bienenztg. 65:115. Apr.1952. 424.8 W526

93595 HEBDEN, A. Ways and means to better beekeeping. 12. Yorkshire Beekeeper 3:42-44. June 1952. 424.8 Y8

93596 HESSBERG, H. VON. Vorläufer der duftlenkung. Deut. Bienenztg. 7:114-115. Aug.1,1952. 424.8 D488

93597 HESSBERG, H. VON. Zum ausdrucks- und mitteilungsvermögen der bienen. Westfälische Bienenztg. 65:163-164. June 1952. 424.8 W526

93598 HOTZ, A. Die kunst des kunst-schwarmes. Südwestdeut. Imker 4:248-249. Aug.1952. 424.8 Su25

93599 HOW ALFALFA seed growers solved their bee shortage. Farm Mangt. 1(5):19-22. July/Aug.1952. 281.8 F2225

93600 HUNKELER. Rassenzuchtfragen in der bienenzucht. Schweiz. Bienen-Ztg. 75:369-372. Aug.1952. 424.8 Sch9

93601 HUPFELD, H. Das schwärmen der bienen oder der vermehrungstrieb. Hess. Biene 88:77-78. June 1952. 424.8 B476

93602 JOHNSEN, P. Deformed bees and horse-chestnut poisoning. (In Danish.) Nord. Bitidskr. 4:44-47. 1952. 424.8 N752

93603 JORDAN, R. Kleine bienenkunde. 7. Westfälische Bienenztg. 65:106-107. Apr.1952. 424.8 W526

93604 JOVANOVIĆ, V. Bee pasture must be better understood if we are to attain rational apiculture. (In Serbo-Croatian.) Pčelar 50:5-10. Jan./Feb.1952. 424.8 P296

93605 JOVANOVIĆ, V. Our bees are in a terrible condition due to hunger. (In Serbo-Croatian.) Pčelar 50: 86. May/July 1952. 424.8 P296

93606 JOVANOVIĆ, V. Wintering of our bees this year-unenviable conditions of existence of our bees in the cold of this year. (In Serbo-Croatian.) Pčelar 49: 164-167. Nov./Dec.1951. 424.8 P296

93607 KATZNELSON, H., ARNOTT, J. H., and BLAND, S. E. Rapport préliminaire sur le traitement de la loque européenne des abeilles au moyen des antibiotiques. Abeille et l'Erable (ser.2)21:106. (Cont.) Aug./Sept.1952. 424.8 Ab32

93608 KENNERLY, A. B. New tests on pollination. Mod. Beekeeping 36:229-230. July 1952. 424.8 B397

93609 KILCHENMANN, H. Schwedischer bienensommer. Schweiz. Bienen-Ztg. 75:338-341. July 1952. 424.8 Sch9

93610 KILLINGER, G. B., and HAYNIE, J. D. Honeybees and other factors in Florida's legume program. Fla. Agr. Expt. Sta. B. 497,14 p. June 1952. 100 F66S

93611 KJELLÉN, C. Guard the dark bees. (In Swedish.) Bitidningen 51:194-195. Aug.1952. 424.8 B54

93612 KLOS, P. Wie steht es um die krise der deutschen bienenzucht. Hess. Biene 88:82-83. June 1952. 424.8 B476

93613 KÖHLER, F. Unsere heimische bienenzucht in gefahr! 4. Südwestdeut. Imker 4:258-259. Aug.1952. 424.8 Su25

93614 KREMPEL, E. Schwarmkönigin oder königin aus KZ? Schwarmbetrieb oder ablegerbildung? Imkerfreund 7:188,195-196. June 1952. 424.8 Im43

93615 KROMER, A. Imkerei und bienenphysik. Hess. Biene 88:69-71. June 1952. 424.8 B476

93616 LAZAREVIĆ, D. I. Who will replace old apiculturists in apiculture. (In Serbo-Croatian.) Pčelar 50:24-25. Jan./Feb.1952. 424.8 P296

93617 LAZAREVIĆ, D. I. Why have we been mistaken in our hopes and expectations. (In Serbo-Croatian.) Pčelar 49:172-173. Nov./Dec.1951. 424.8 P296

93618 LAZAREVIĆ, D. L. Negative examples, too, in apiculture may be advantageous to apiculturists. (In Serbo-Croatian.) Pčelar 50:98-103. May/July 1952. 424.8 P296

93619 MACE, H. Beekeeping--care of combs. Estate Mag. 52:286-287. July 1952. 10 Es8

93620 MCGREGOR, S. E., and TODD, F. E. No bees, no melons. Prog. Agr. Ariz. 4(2):3. July/Sept.1952. 6 P9452

93621 MACKENSEN, O., and ROBERTS, W. C. Breeding bees. U. S. D. A. Ybk. 1952:122-131. Ref. 1 Ag84Y

93622 MARJANOVIĆ, D. R. Frequent opening of beehives. (In Serbo-Croatian.) Pčelar 50:51-52. Mar./Apr.1952. 424.8 P296

93623 MARKOVIĆ, S. M. Apiculture in Zlatibor kraj. (In Serbo-Croatian.) Pčelar 50:25-27. Jan./Feb.1952. 424.8 P296

93624 MAUL, H. Probieren, nicht disputieren! Hess. Biene 88:100-102. July 1952. 424.8 B476
Honey production.

93625 MEAD, R. M. What the beekeepers associations can do. Mod. Beekeeping 36:273-274,278. Aug15, 1952. 424.8 B397

93626 MEIER-JECKLIN, K. Jahresbericht über die tätigkeit der sektionen in jahre 1951. Schweiz. Bienen-Ztg. 75:375-383. Aug.1952. 424.8 Sch9
Verein Deutsch-Schweizerische Bienenfreunde.

93627 MJAVATN, K. Changing queens in apiaries. (In Norwegian.) Birøkteren 68:121-123. July 1952. 424.8 B53

93628 MOMIROVSKI, J. Bees and bumblebees as pollinators; their relationship and feeding. (In Serbo-Croatian.) Pčelar 50:72-73. May/July 1952. 424.8 P296

93629 MOMIROVSKI, J. Melligo (honey dew, pomegranate). (In Serbo-Croatian.) Pčelar 49:133-135. Sept./Oct.1951. 424.8 P296

93630 NIKOLIĆ, V. On bee hives. (In Serbo-Croatian.) Pčelar 49:110. July/Aug.1951. 424.8 P296

93631 NOLD, R. Die königinnenverluste. Hess. Biene 88:46-47. May 1952. 424.8 B476

93632 NOLD, R. Vorteile und nachteile von gebrauchskreuzungen. Hess. Biene 88:71-72. June 1952. 424.8 B476

93633 NÖLKE, E. H. Interessante zahlen aus der beobachtung des sommers 1951. Westfälische Bienenztg. 65:108-110. Apr.1952. 424.8 W526

93634 NORGES BIROKTERLAG. Annual report of Norway's Beekeeper's Association, 1951-52. (In Norwegian.) Birøkteren 68:100-105. July 1952. 424.8 B53

93635 NYMAN, H. Electric heating. (In Swedish.) Bitidningen 51:162-163,179. July 1952. 424.8 B54
Of beehives.

93636 OETTING, W. Wir wandern dennoch in die heide! Westfälische Bienenztg. 65:192-194. July 1952. 424.8 W526

93637 PESCIO, M. El aerocargador y las abejas. Chacra 22(261):46. Aug.1952. 9 C34

93638 POPOVIĆ, B. P. Skillful swarming. (In Serbo-Croatian.) Pčelar 49:101-103. July/Aug.1951. 424.8 P296

93639 POPOVIĆ, V. P. The advantages of apiculture for our village. (In Serbo-Croatian.) Pčelar 50:87-88. May/July 1952. 424.8 P296

93640 POPOVIĆ, V. P. A brief retrospect to 1949 and 1950. Pčelar 49:140-142. Sept./Oct.1951. 424.8 P296

93641 POPOVIĆ, V. P. Open expulsion of bees. (In Serbo-Croatian.) Pčelar 50:48-51. Mar./Apr.1952. 424.8 P296

93642 PRATT, J. J., JR., and BABERS, F. H. How insecticides poison insects. U. S. D. A. Ybk. 1952:205-209. Ref. 1 Ag84Y

93643 PRYCE-JONES, J. 'Stringiness' in honey and in sugar syrup fed to bees. Bee World 33:147-150. Sept. 1952. 424.8 B399

93644 RAMAN, C. A. Feeding experiments. (In Swedish.) Bitidningen 51:189-190. Aug.1952. 424.8 B54
Apis mellifera

93645 RAMAN, C. A. Wintering according to the Haddemo principle. (In Swedish.) Nord. Bitidskr. 4: 57-61. 1952. 424.8 N752

93646 RAUTENBERG, H. J. So wanderten wir in die heide! Deut. Bienenztg. 7:118-121. Aug.1,1952. 424.8 D488

93647 REININGHAUS, H. Bericht über das zuchtjahr 1951. Westfälische Bienenztg. 65:84-85. Mar.1952. 424.8 W526
Queen rearing stations.

93648 RENTROP, E. Was bedeutet die mittelwand dem imker? (Deutsches bienenwachs in gefahr!). Westfälische Bienenztg. 65:143-144. May 1952. 424.8 W526

93649 RINCK. Die betriebswirtschaftliche und pflanzenbauliche bedeutung der bienenhaltung. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1257. Aug.14,1952. 18 L2346

93650 RISTIC, M. Still another "experiment with a glass" applied against false queen bees. (In Serbo-Croatian.) Pčelar 50:78-80. May/July 1952. 424.8 P296

93651 ROSSA, K. Feststellungen über misserfolge bei zugesetzten reinzuchtköniginnen. Niedersächs. Bienenfr. 5:125-126; 7:173-174. (Concl.) May,July 1952. 424.8 N552

93652 ROTHENBUHLER, W. C., GOWEN, J. W., and PARK, O. W. Genetics of the honey bee. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:86. 1952. 422.12 N81

93653 RUNK. Königinnenzucht für jeden bienenhalter. Hess. Biene 88:74-75. June 1952. 424.8 B476

93654 SASS, W. Einiges zum Schweierbetrieb! Westfälische Bienenztg. 65:145-146. May 1952. 424.8 W526

93655 SCHÄDLER, M. Vom tüten der königinnen. Westfälische Bienenztg. 65:167-168. June 1952. 424.8 W526

93656 SCHLEINDL, J. Die stille und die künstliche umweiselung. Südwestdeut. Imker 4:250-251. Aug.1952. 424.8 Su25

93657 SCHÖNI, E.. Grosse bienenschäden infolge zu reichlichem rottannenhonig. Schweiz. Bienen-Ztg. 75: 314-315. July 1952. 424.8 Sch9

93658 SHAW, F. R. The effects of a phenyl mercury compound on honeybees. Mod. Beekeeping 36:224-225. July 1952. 424.8 B397

93659 SJÖGREN, S. Pure breeding with aid of different varieties. (In Swedish.) Bitidningen 51:161-162. July 1952. 424.8 B54
Apis mellifera.

93660 SOLANO, R. Las abejas y el reumatismo. Cult. Mod. 35:245. July 1952. 15 C89

93661 SPIELMANN, O. Die frühjahrsernte 1952. Schweiz. Bienen-Ztg. 75:305-308. July 1952. 424.8 Sch9

93662 SPRECHER, F. Die behandlung der sauerbrut. (Extr.) Schweiz. Bienen-Ztg. 75:319-330. July 1952. 424.8 Sch9

93663 STEFANOVIĆ, Č. The interest exhibited by broad national groups in apiculture. (In Serbo-Croatian.) Pčelar 49:144-146. Sept./Oct.1951. 424.8 P296

93664 STEFANOVIĆ, Č. The struggle of bees with the death's head moth [Acherontia atropos]. (In Serbo-Croatian.) Pčelar 50:15-16. Jan./Feb.1952. 424.8 P296

93665 STEVANOVIĆ, M. Bee breeding, using two queens. (In Serbo-Croatian.) Pčelar 49:182-183. Nov./Dec.1951. 424.8 P296

93666 STORCH, H. Streiflichter zum thema brutraumgrösse und honigertrag unter besonderer berücksichtigung der Frauenberger dickwabenbeute. Hess. Biene 88: 50-52,78-79. May-June 1952. 424.8 B476

93667 STRANDBERG, O. The protein problem in apiculture. (In Norwegian.) Birøkteren 68:95-96. (Cont.) July 1952. 424.8 B53

93668 STRANDBERG, O. The protein problem in apiculture. (In Norwegian.) Birøkteren 68:128-129. (Cont.) Aug.1952. 424.8 B53

93669 STUTE, K. Diesjährige erfahrungen bei der feststellung von bienenschäden durch massnahmen des pflanzenschutzes. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:130-133. Mar.1952. 410.9 G31M

93670 TEGTMEIER. Der sinn der königinnenzucht. Niedersächs. Bienenfr. 6:153-154. June 1952. 424.8 N552

93671 TEGTMEIER. Verschiedene aber ungewöhnliche arten des wintersitzes. Niedersächs. Bienenfr. 8:199-201. Aug.1952. 424.8 N552

93672 TEGTMEIER, R. Eine erprobte zusatzmethode für kritische fälle. Niedersächs. Bienenfr. 7:182-184. July 1952. 424.8 N552

93673 TELANDER, G. Heavy poison fog prevents bee death. (In Swedish.) Bitidningen 51:164-165. July 1952. 424.8 B54

93674 THORP, J. K. R. African beekeepers. IV. Beekeepers' Mag. 15(8):7-9,14. Aug.1952. 424.8 M58

93675 TODD, F. E., and MCGREGOR, S. E. Insecticides and bees. U. S. D. A. Ybk. 1952:131-135. 1 Ag84Y

93676 TOŠIĆ, P. An entire apiary was destroyed because of ignorance. (In Serbo-Croatian.) Pčelar 50: 89-90. May/July 1952. 424.8 P296

93677 TRALLERO, M. El lenguaje de la abeja. Agricultura [Madrid] 21:389-390. July 1952. 15 Ag84

93678 TUSCHHOFF, O. Erfolgreiche königinnenzucht aus dem ei. Westfälische Bienenztg. 65:132-134. May 1952. 424.8 W526

93679 TUSCHHOFF, O. Grosses oder kleines mass und honigertrag. Hess. Biene 88:52-53. May 1952. 424.8 B476

93680 TUSCHHOFF, O. Höherer wert der von den bienen erwählten königinnen. Hess. Biene 88:102-103. July 1952. 424.8 B476

93681 TUSCHHOFF, O. Untenfütterung in begattungskästchen. Westfälische Bienenztg. 65:168-170. June 1952. 424.8 W526

93682 TUSCHHOFF, O. Vier tage weisellos oder eine stunde? Niedersächs. Bienenfr. 7:167-169. July 1952. 424.8 N552

93683 TUSCHHOFF, O. Vorteile der okulierkäfige mit absperrgitter. Niedersächs. Bienenfr. 6:139-141. June 1952. 424.8 N552

93684 VANSELL, G. H., and GRIGGS, W. H. Honey bees as agents of pollination. U. S. D. A. Ybk. 1952:88-107. Ref. 1 Ag84Y

93685 VENABLES, R. L. Removing supers. Yorkshire Beekeeper 3:52-53. July 1952. 424.8 Y8

93686 VERRUN, J. Ein einfacher naturnaher zuchtweg. Hess. Biene 88:73-74. June 1952. 424.8 B476

93687 VOMSATTEL, M. Der kunstschwarm wird naturschwarm. Schweiz. Bienen-Ztg. 75:316-318. July 1952. 424.8 Sch9

93688 WALGER, K. Naturnahe bildung und behandlung der begattungsvölkchen. Hess. Biene 88:44-46. May 1952. 424.8 B476

93689 WALLIS, E. The B.B.K.A., what it is and what it does. Brit. Bee J. 80:488,490. Aug.2,1952. 424.8 B77

93690 WEISS, K. Vom verfliegen der bienen und der richtigen markierung der bienenkästen. Imkerfreund 7: 211-214. July 1952. 424.8 Im43

93691 WOODROW, A. W. Role of the honey bee in pollinating legumes. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:81-82. 1952. 422.12 N81
Includes discussion.

93692 WULLRICH, J. Wie ich meine königinnen zusetze. Westfälische Bienenztg. 65:165-166. June 1952. 424.8 W526

ARACHNIDA, MYRIAPODA, ETC.

93693 ASH, J., and HUGHES, T. E. Further records of the genera Microlichus Trouessart & Neumann and Myialges Sergent & Trouessart. Ann. & Mag. Nat. Hist. (ser.12)5:753-759. Ref. Aug.1952. 410 An77

93694 BAUSSAY, J. Fiévres exanthématiques par morsures de tiques. Soc. de Path. Exot. B. 45:166-169. 1952. 448.9 So13

93695 BECKER, H. Uber den einfluss konstanter temperaturen, relativer luftfeuchtigkeiten und licht auf die frühjahrsentwicklung der wintereier der obstbaumspinnmilbe Paratetranychus pilosus Can. et Franz. Anz. f. Schädlingsk. 25:116-118. Ref. Aug.1952. 421 An9

93696 BEIER, M., and TURK, F. A. On two collections of Cyprian Pseudoscorpionidea. Ann. & Mag. Nat. Hist. (ser.12)5:766-771. Aug.1952. 410 An77
Includes new genus Calocheiridius and new species and subgenus in Anatemnus.

93697 BOTT, R. Beobachtungen am südeuropäischen skorpion (Euscorpius italicus). Nat. u. Volk 81:290-293. Nov.1,1951. 509 F856

93698 BROWN, J. R. C. The feeding organs of the adult of the common "chigger." J. Morph. 91:15-51. Ref. July 1952. 444.8 J826
Study with Trombicula alfreddugesi.

93699 CAUSEY, N. B. New species and records of paraiulid millipeds from Texas. Tex. J. Sci. 4:200-203. June 30,1952. 470 T31
New species in Hakiulus and Ethoiulus.

93700 CHAMBERLIN, R. V. The centipeds (Chilopoda) of South Bimini, Bahama Islands, British West Indies. Amer. Mus. Novitates 1576,8 p. July 29,1952. 500 N483N
Includes new species in Bimindyla n.g., Nesidiphilus, Lamyctes and Pselliodes.

93701 CLOUDSLEY-THOMPSON, J. L. Studies in diurnal rhythms. II. Changes in the physiological responses of the woodlouse Oniscus asellus to environmental stimuli. J. Expt. Biol. 29:295-303. Ref. June 1952. 442.8 B77

93702 COOREMAN, J. Un Halacarien nouveau [Rhombognathus (Rhombognathus) spinipes] pour la faune Neerlandaise. Ent. Ber. 14:110. July 1,1952. 420 N38B

93703 CUNLIFFE, F. Biology of the cockroach parasite, Pimeliaphilus podapolipophagus Tragardh, with a discussion of the genera Pimeliaphilus and Hirstiella (Acarina, Pterygosomidae). Ent. Soc. Wash. Proc. 54: 153-169. Aug.1952. 420 W27
Includes new species.

93704 DELHAYE, R. Quelques considerations sur l'azobenzene en serres a vignes. Gent. Landbhogesch. Meded. 17:116-118. Mar.1952. 105.1 G344
English summary.
Tetranychus telarius.

93705 EJSING, G. Danish experiments in fighting the pear gall mite [Eriophyes pyri]. (In Norwegian.) Gartneryrket 42:540,542. Aug.2,1952. 80 G1938

93706 EMERY, G. A. A new summer ovicide for red spider. World Crops 4:319-321. Sept.1952. 281.8 W892
Parachlorphenyl benzene sulphonate for control of Metatetranychus ulmi, Paratetranychus pilosus and Tetranychus telarius on fruit.

93707 ENGEL. Madenfreie kirschen. Gesunde Pflanzen 4:216-218. Aug.1952. 464.8 G33

93708 FORSTER, R. R. Supplement to the sub-order Cyphophthalmi. New Zeal. Dominion Mus. Rec. Ent. 1: 179-211. Apr.1,1952. 421 W46
Includes new species in Rakaia.

93709 GOODNIGHT, C. J., and GOODNIGHT, M. L. A new ricinulid from Chiapas, Mexico (Arachnoidea, Ricinulei). Amer. Mus. Novitates 1583,4 p. Aug.4,1952. 500 N483N
Cryptocellus spinotibialis.

93710 GREENBERG, A. Citrus mites and their control. (In Hebrew.) Hassadeh 32:433-434. June 1952. 26 H27

93711 GREGSON, J. D. Further studies on tick paralysis. Ent. Soc. Brit. Columbia. Proc. 48:54-58. Aug.15, 1952. 420 B77

93712 LE GAC, P. Deux nouvelles espèces d'acariens en Oubangui-Chari (A.E.F.):Schöngastia oubanguiana Marc André 1950 et Schongastiella caeca Marc André 1950. Soc. de Path. Exot. B. 45:196-200. 1952. 448.9 So13

93713 MORGAN, C. V. G. Effects of low winter temperatures on some orchard mites. Ent. Soc. Brit. Columbia. Proc. 48:90-93. Aug.15,1952. 420 B77

93714 OFFUTT, A. C. Tick time in Indiana. Ind. State Bd. Health. Mon. B. 55:123,140. June 1952. 449.7 In2M
Vectors of Rocky Mountain spotted fever.

93715 PETRUNKEVITCH, A. The spider and the wasp. Sci. Amer. 187(2):20-23. Aug.1952. 470 Sci25
Cyrtopholis portoricae and Pepsis marginata.

93716 PFLUGFELDER, O. Reaktion des hühnerlaufs bei Cnemidocoptes-befall (Sarcoptidae). Z. f. Parasitenk. 15:290-307. 1952. 442.8 Z33F

93717 PRITCHARD, A. E., and BAKER, E. W. The false spider mites of California (Acarina: Phytoptipalpidae). Calif. U. P. Ent. 9(1),93 p. Ref. 1951. 500 C125E
Includes new species in Pseudoleptus, Pentamerismus, Brevipalpus, Tenuipalpus and Dolichotetranychus.

93718 RAZET, P., and BARBOTIN, F. Contribution à l'étude de la faune du Massif Armoricain Myriapodes. 1. Entomologiste 8:33-36. 1952. 421 En814

93719 ROESLER. Uber schädliche spinnmilben an obstbäumen in der Pfalz. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:75-77. Mar.1952. 410.9 G31M
Paratetranychus pilosus, Bryobia praetiosa and Amphytetranychus crataegi.

93720 SCHREIER, O. Maden in rübenblättern. Pflanzenarzt 5(8):7-8. Aug.1,1952 464.9 P482

93721 SCORPIONS and their venom. (In Portuguese.) Fauna [São Paulo] 11(7):42-44. July 1952. 410 F272

93722 SMITH, F. F. Spider mites and resistance. U. S. D. A. Ybk. 1952:652-656. 1 Ag84Y
Tetranychus.

93723 SOKOLOV, I. I. On finding fungus organisms on the spermatophores of Ornithodoros papillipes. (In Russian.) Akad. Nauk SSSR. Dok. 85:241-244. July 1, 1952. 511 P444A

93724 STÄGER, R. Die anpassungsfähigkeit von krabbenspinnen an blütenfarben. Leben u. Umwelt 8:241-243. Aug.1952. 410 L49

93725 STOREY, I. F. Mushrooms—and tomatoes too: do mites carry didymella? Grower [London] 38:351. (Cont.) Aug.23,1952. 286.83 M34

93726 STRANDTMANN, R. W. The mesostigmatic nasal mites of birds. III. New species of Rhinoecius from owls (Acarina, Rhinonyssidae). Ent. Soc. Wash. Proc. 54: 205-214. Aug.1952. 420 W27

93727 VACHON, M. Compléments a la description du petit scorpion mauritanien Lissothus occidentalis Vachon, 1950 famille des Buthidæ E. Simon. Inst. Pasteur d'Algérie. Arch. 30:172-177. June 1952. 448.3 In7A

93728 WIEHLE, H. Sonderbare fangmethode bei spinnen. Nat. u. Volk 81:278-284. Nov.1,1951. 509 F856

93729 WEINMAN, C. J., HAMILTON, D. W., and CUTRIGHT, C. R. Mites in the orchard. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:15-17. 1952. 422.12 N81

93730 WEINTRAUB, J. A preliminary report on acaricides tested for protection against the tick Dermacentor andersoni Stiles on cattle. Ent. Soc. Brit. Columbia. Proc. 48:51-54. Aug.15,1952. 420 B77

93731 WILLMANN, C. Untersuchungen über die terrestrische milbenfauna im pannonischen klimagebiet Österreichs. Osterr. Akad. der Wiss. Math.-Natwiss. Kl. Sitzber. Abt. 1. 160:91-176. Ref. 1951. 510 V67
Includes n. spp. in Parasitus, Amblygamasus, Pergamasus, Nothrholaspis, Antennoseius, Episeius, Laelaspis, Gymnolaelaps, Hypoaspis, Rhodacarus, Cephalojanetia, n.g., Trichodinychura, n.g., Urodiaspis, Imparipes, Pygmephorus, Eustigmaeus, Cheylostigmaeus, Acheleopsis, n.g., Allothrombium, Balaustium, Leptus, Eremobelba, Oribatula, Scheloribates, Protoribates, Ceratozetes, Notaspis, and Phthiracarus.

93732 WILSON, N. S., and COCHRAN, L. C. Yellow spot, an eriophyid mite [Vasates cornutus] injury on peach. Phytopathology 42:443-447. Aug.1952. 464.8 P56

93733 WOMERSLEY, H. ed. The scrub-typhus and scrub-itch mites (Trombiculidae, Acarina) of the Asiatic-Pacific region. So. Austral Mus. Red. 10,435 p. Ref. Mar.1,1952. 514 So8
Includes Gahrliepiinae n. n., new species in Tragardhula, Trombicula, Schöngastia, Radfordiana n g, Neoschöngastia, Gahrliepia and Ipotrombicula n g.

COLEOPTERA

93734 ANKERSMIT, G. W. Life history and control of the soya bean leaf beetle Phaedonia inclusa (Stål) (Coleoptera, Chrysomelidae). Indonesia. Gen. Agr. Res. Sta. Contrib. 129,34 p. 1952. 109.5 Ea73

93735 APP, B. A. Importance and control of the clover root borer [Hylastinus obscurus]. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:37-38. 1952. 422.12 N81

93736 BANERJEE, S., and CHATTERJEE, N. C. Gonocephalum planatum Walker, a new pest in India on mulberry seedling and its control. Sci. & Cult. 18:36-37. July 1952. 475 Sci24

93737 BARR, W. F. A new species of Trichodes from southern Oregon. (Coleoptera, Cleridae). Ent. Soc. Wash. Proc. 54:186-188. Aug.1952. 420 W27

93738 BARTON, F. M. Benzene hexachloride for the control of Lepidiota frenchi grubs in cane. Internatl. Soc. Sugar Cane Technol. Proc. 7:411-414. 1950,pub. 1951. 65.9 In84
Queensland.
Includes discussion.

93739 BASSOLES DE BARRERA, I. Notas sobre larvas de Coleopteros. 1. Elateridae, su importancia y metodos de control. Fitófilo 6(5):26-32. Mar./Apr.1952. 421 F55

93740 BEREZINA, V. M. June beetle and its control in steppe silviculture. (In Russian.) Sovet. Agron. 10(6): 80-81. June 1952. 20 So84
Melolontha.

93741 BERVILLE. Le problème du capnode en Provence. Réveil Agr. 61:241-242. Aug.15,1952. 14 R322
Capnodis tenebrionis.

93742 BIRD, R. D. The biology, ecology, and control of the sweetclover weevil, Sitona cylindricollis Fahr., in Manitoba. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:31. 1952. 422.12 N81

93743 BOBB, M. L. The life history and control of the plum curculio [Conotrachelus nenuphar] in Virginia. Va. Agr. Expt. Sta. B. 453,30 p. Ref. May 1952. 100 V81S

93744 BRAUNS, A. Vorbeugende massnahmen gegen die ausbreitung der obstbaumsplintkäfer. Norddeut. Holzwirt. 6(32):7. Aug.7,1952. 99.82 N75
Scolytus mali and S. rugulosus.

93745 BRINDLEY, T. A., and CHAMBERLIN, J. C. The pea weevil [Bruchus pisorum]. U. S. D. A. Ybk. 1952:530-537. 1 Ag84Y

93746 CHICAGO ACADEMY OF SCIENCES. A revisional study of Neotropical pselaphid beetles. 2. Tribe Euplectini sensu latiore. Chicago Acad. Sci. Spec. P. 9,150 p. 1952. 500 C435
Includes new genera Aboeurhexius, Tuberoplectus, Euplectamecia, Biblomelba, Mexigaster, Dalmosanus, Trimioarcus and Triangusella; new subgenera and species in Rhexius and Rhexinia; new species in Rhexidius, Eurhexius, Euplectus, Thesiastes, Tomoplectus, Mexiplectus, Biblomimus, Thesium, Rhinoscepsis, Actium and Melba.

93747 CHUJO, M. A taxonomic study on the Chrysomelidae (Insecta-Coleoptera) from Formosa. III-IV. Kagawa- Ken Agr. Col. Tech. B. 3:57-71,166-183. Sept. 1951,Mar.1952. 107.6 K113
Includes new species in Temnaspis, and new subfamily Zeugophorinae.

93748 COBOS, A. Una observación biológica sobre el género Elaphocera Gene. Soc. Espan.de Hist. Nat. B. Secc. Biol. 49:85-92. 1951. 442.9 So18

93749 DECKENBROCK, W. Zur frage der verwendung von schädlingsbekämpfungsmitteln in der brennerei. Branntweinwirtschaft 74:249-252,271-273. (Concl.) July 25-Aug.10,1952. 390.8 B7322

93750 DOSSE, G. Wirkung von DDT-, ester- und hexa-präparaten auf Coccinella septem-punctata L. bei der blattlausbekämpfung. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:125-127. Mar.1952. 410.9 G31M

93751 DUTT, N. Nupserha bicolor Thoms., subsp. postbrunnea Breun.: a new pest on jute (Corchorus olitorius Linn.) Nature [London] 170:287-288. Aug.16, 1952. 472 N21

93752 ENGEL. Kampf dem gefährlichen kornkäfer [Leptinotarsa decemlineata]! Bauern-Ztg. 5(33):5. Aug.15,1952. 18 B324

93753 ERKILIÇ, S., and SÜMER, S. A new insect pest for Turkey (Sphenoptera carceli E-G.) (In Turkish.) Bitki Koruma B. 2:27-29. 1952. 464.8 B54
English summary.

93754 FLUKE, C. L., and MCINTYRE, C. B. Plum curculio [Conotrachelus nenuphar] control through soil application of insecticides. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:24. 1952. 422.12 N81

93755 FOLLWELL, J. H. Notes on some Ptinidae of British Columbia (Coleoptera). Ent. Soc. Brit. Columbia. Proc. 48:60-63. Ref. Aug.15,1952. 420 B77

93756 GAINES, J. C., and HANNA, R. L. Southern corn rootworm [Diabrotica undecimpunctata howardi] control. Tex. Agr. Expt. Sta. Prog. Rpt. 1473,2 p. June 20,1952. 100 T31P

93757 GAINES, R. C. The boll weevil [Anthonomus grandis]. U. S. D. A. Ybk. 1952:501-504. 1 Ag84Y
Control.

93758 GŁOWACKI, J. Results of observations of the Monochamus galloprovincialis Oliv. in the chief-forestry Piękna Wieś for the years 1949-1950. (In Polish.) Sylwan 96:176-184. Apr./June 1952. 99.8 Sy52
English summary.
Pest of pine.

93759 GOL'TSMAĬER, O. P. Experiment in combating the May beetle [Melolontha melolontha] in the fruit nurseries of the Berdski state farm. (In Russian.) Sad i Ogorod 5:28-31. May 1952. 80 Sa13

93760 GOULD, G. E. Control of wireworms on vegetable crops. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:61-62. 1952. 422.12 N81

93761 GRADY, H. J. Spraying and baiting effectively. Amer. Primrose Soc. Q. 10:11. July 1952. 96.575 Am3
Brachyrhinus ovatus.

93762 GRAHAM, S. A. Powderpost beetle [Lyctidae] control. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:71-72. 1952. 422.12 N81
Includes discussion.

93763 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Raspberry beetle [Byturus tomentosus]. Gt. Brit. Min. Agr. & Fisheries. Adv. L. 164,3 p. June 1952. 10 G79La

93764 GREEN, J. Unequal bifurcation of an antenna in Apion violaceum Kirby (Col., Curculionidae). Ent. Mon. Mag. 88:190. Aug.1952. 421 En86

93765 GUÉRIN, J. Contribution to the knowledge of neotropical Clytridae (Coleoptera). (In Portuguese.) Dusenia 3:203-210. Ref. 1952. 410 D94
English summary.
Includes n.spp. in Megalostomis, Coscinoptera, Dachrys, and Stereoma.

93766 HADLEY, C. H., and FLEMING, W. E. The Japanese beetle [Popillia japonica]. U. S. D. A. Ybk. 1952:567-573. 1 Ag84Y

93767 HÄRDTL, H. Der wechsel der erdfloharten bei sommerraps. Beitr. z. Ent. 2:109-113. May 1952. 421 B392

93768 HATCH, M. H. Observations on the study of beetles in British Columbia. Ent. Soc. Brit. Columbia. Proc. 48:76-80. Ref. Aug.15,1952. 420 B77

93769 HAWLEY, I. M. Milky diseases of beetles. U. S. D. A. Ybk. 1952:394-401. 1 Ag84Y
Popillia japonica.

93770 HEIKERTINGER, F. Bestimmungstabellen europäischer käfer. LXXXII. Fam. Chrysomelidae. 5. Subfam. Halticinae. Koleopterologische Rundschau 31:81-146; 32:1-84. (Cont.) 1945/50,pub.1950-1951. 421 K832
Includes new species in Chalcoides, Epithrix, Mantura and Chaetocnema.

93771 HEINISCH. Kartoffelkäfer [Leptinotarsa decemlineata]—eine ernste gefahr! Salzburger Bauer 7 (30):3. July 24,1952. 19 Sa3

93772 HOWE, R. W. Notes on the biology of Trogoderma versicolor Creutz. (Col., Dermestidae). Ent. Mon. Mag. 88:182-184. Aug.1952. 421 En86

93773 JOLIVET, P. Au sujet du terme Chrysolina. Entomologiste 8:43-44. 1952. 421 En814

93774 KEEN, F. P. Bark beetles in forests. U. S. D. A. Ybk. 1952:688-694. 1 Ag84Y

93775 KRÜGERKE. Neuartige absterbeerscheinungen bei junganlagen. Obstbauberatungsring. Mittbl. 7(3):6-7. June 1,1952. 85 Ob72
Anisandrus dispar.

93776 LANE, M. C. List of the Elateridae of British Columbia. Ent. Soc. Brit. Columbia. Proc. 48:65-67. Ref. Aug.15,1952. 420 B77

93777 LANGENBUCH, R. Ist das fehlen eines "frassstoffes" oder das vorhandensein eines "vergällungsstoffes" die ursache für die resistenz der wildkartoffel Solanum chacoense Bitt. gegenüber dem kartoffelkäfer? Z. f. Pflanzenkrank. (Pflanzenpath.) u. Pflanzenschutz 59:179-189. 1952. 464.8 Z23
English summary.
Leptinotarsa decemlineata.

93778 LEPESME, P., ed. Longicornia, études et notes sur les longicornes. Volume I. Paris,Lechevalier,1950. 603 p. Ref. 427 L55L
Includes new tribes Oculariini, Stenobiini and Parmenini; new genera Apomecynoides, Mynoparmena, Xylotoloides, Parathemistus, Mesathemistus, Microtragoides, Falsoceraegidion, Cleptosoma, Cleptonotus, Paradeucalion, Parmenolamia, Falsotrachystola, Centruropsis, Mesechthistatus, Apomempsoides, Paraxenolea, Pseudotheocris, Paradocus, Heterometopia, Microcymatura, Paradiallus, Trichipocregyes and Falsocharies thes; new subgenera in Xylotoles, Somatidia, Chromalizus, Hestimoides and Daxata; new species in Parmenomorpha, Ocularia, Planodema, Emphreus, Homonoea, Oncideres, Stethoperma, Sparna, Thyestilla, Catapausa, Bumetopia, Thylactus, Cloniocerus, Pseudocharies thes, Charies thes, Auriolus, Tragocephala, Chlorophorus, Demonax, Xylotrechus, Epepeotes, Oxylamia, Monochamus, Pl. giohammus, Annamanum, Blepephaeus, Pharsalia, Aesopida, Cacia, Trichomesosa, Prosopocera, Crossotus, Corus, Protonarthron, Sepicana, Pascoea, Trigonoptera, Nemaschema, Prosoplus, Mispila, Gyaritus, Corynofrea, Apomecyna, Laraesima, Pothyne, Arctolamia, Corrhenes and Falsischnolea.

93779 MCKEOWN, K. C. Australian insects, XLVI. Coleoptera, 23. Malachiidae and Dasytidae. Austral. Mus. Mag. 10:316-318. June 15,1952. 475 Au7

93780 MCKEOWN, K. C. A note on soldier beetles. Austral. Mus. Mag. 10:318-319. June 15,1952. 475 Au7
Telephorus pulchellus.

93781 MADEL, W. Schwarzkäfer [Serropalpus barbatus]-schäden. Holz als Roh- u. Werkst. 10:252. June 1952. 99.81 H74
On Abies.

93782 MALMUS, N. Erfahrungen bei der maikäferbekämpfung 1951 in Bayern. Biol. Zentanst. f. Land- u. Forstwirt.Mitt. 74:104-107. Mar.1952. 410.9 G31M
Melolontha melolontha.

93783 MARSHALL, M. Y. The Malachiidae of north central Mexico (Coleoptera). Amer. Mus. Novitates 1584, 20 p. Ref. Aug.4,1952. 500 N483N
Includes new species in Collops and Trophimus.

93784 MARTINEZ, A. Notas sobre Meloidae; una nueva especie del género Pseudomeloe F. et G. Mus. Argentino de Cien. Nat. "Bernardino Rivadavia." Comun. Cien. Zool. 2:97-101. 1951. 410.9 B862C

93785 MEDLER, J. T., and CHAMBERLIN, T. R. Sweetclover weevil [Sitona cylindricollis] control in Wisconsin. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:31-32. 1952. 422.12 N81

93786 MIDDLETON, W., and CRONIN, T. C. Off limits for beetles. U. S. D. A. Ybk. 1952:574-580. 1 Ag84Y
Federal quarantine against Popillia japonica.

93787 MINER, F. D. Biology of the prairie white grub, Phyllophaga crassissima. Ark. Agr. Expt. Sta. B. 521,73 p. Ref. June 1952. 100 Ar42

93788 MORALES E., M. DE LA L. Consideraciones acerca del genero Phyllophaga. Fitófilo 6(5):23-25. Mar./Apr.1952. 421 F55

93789 NAGASAWA, S., and ARAKAWA, M. On the relation between the particle shape of powder of calcium carbonate and its lethal effect to adults of the azuki bean weevil (Callosobruchus chinensis L.), and the difference of knock down effect between DDT powders prepared with these calcium carbonates to adults of the common housefly (Musca domestica L.). Studies on the biological assay of insecticides. XIX. (In Japanese.) Botyu-Kagaku 17:14-19. Ref. Mar.1952. 421 B65
English summary.

93790 NAKAZIMA, M. The control of rice weevil (Calandra oryzae L.) by benzene hexachloride. II. (In Japanese.) Botyu-Kagaku 16:226-233. Dec.1951. 421 B65
English summary.

93791 PEEZ, A. VON. Ueber die vorkommensweise des Edaphus blühweissi Scheerp. in der Westschweiz. Koleopterologische Rundschau 31:147. 1945/50,pub.1950. 421 K832

93792 PETERSEN, B. B. Hylesinus micans, its geographical distribution and a survey of its occurrence in Denmark. (In Danish.) Dansk. Skovfor. Tidsskr. 37: 299-322. Ref. June 1952. 99.8 D23
English summary.

93793 PUISSÉGUR, C. Une sous-espèce nouvelle de Ceutosphodrus oblungus Dej. du Massif Central. Entomologiste 8:14-16. 1952. 421 En814

93794 REICH, H. Der ungleiche holzbohrer [Anisandrus dispar]. Obstbauversring. Mitt. 7:87-89. May 1952. 85 J76

93795 RICHTER, G. Beitrag zur engerlingsbekämpfung mit chemischen mitteln auf kiefernkulturen und in kämpen. Wald 2:105-109. Apr.1952. 99.8 W143
Melolontha melolontha.

93796 RISTICH, S. S., and HERRON, J. C. Some notes on the biology and the control of the cabbage curculio Ceuthorhynchus rapae Gyll. in Ohio. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:66-67. 1952. 422.12 N81

93797 ROBERTS, R. A. Sweetpotato weevil [Cylas formicarius elegantulus]. U. S. D. A. Ybk. 1952:527-530. 1 Ag84Y

93798 ROBERTS, R. A. White-fringed beetle. U. S. D. A. Ybk. 1952:608-611. 1 Ag84Y
Graphognathus species.

93799 ROCHE, W. The wireworm: the control of a crop pest. Beet Grower 6:99-102. July 1952. 66.8 B392

93800 ROSSI, J. La lutte contre le capnode [Capnodis tenebrionis]. Rev. Agr. de l'Afrique du Nord 50:368-372. June 6,1952. 80 R326

93801 SCHVESTER, D. Premiers essais, en laboratoire, de formules insecticides contre le xylebore disparate: Xyleborus dispar F. (Col. Scolytidae). France. Inst. Natl. de la Rech. Agron. Ann. Sér. C, Ann. des Epiphyt. 3:1-9. Jan./Mar.1952. 464.9 F848An

93802 SMITH, S. G. The cytology of Sitophilus oryzae [i. e. oryza] (L.), S. granarius (L.), and some other Rhynchophora (Coleoptera). Cytologia 17:50-70. Ref. June 1952. 442.8 C99

93803 TAUBITZ. Erfahrungen bei grossaktionen gegen maikäfer zur verminderung von engerlingsschäden. Z. f. die Zuckerindus. 2:196-197. June 20,1952. 65.8 D48

93804 TAYLOR, F. The maize-stalk borer [Busseola fusca]. Farming So. Africa. 27:306. June 1952. 24 So842

93805 TECHNAU, G. Holzschädlinge in möbeln, ihre lebensweise und bekämpfung. Holz 6:126-128. May 1952. 99.82 H743
Chiefly beetles.

93806 TIELECKE, H. Ist der "aschenfarbige rüsselkäfer" Pseudocleonus cinereus Schrnk. ein rübenschädling? Nachbl. f. den Deut. Pflanzenschutzdienst (n.s.)6:104-107. Ref. June 1952. 464.9 N11

93807 TRESSENS, F. Contribution à la faune des Coléoptères du Bas-Quercy et ses affinités. Entomologiste 8:16-27,46-57. (Cont.) 1952. 421 En814

93808 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Japanese beetle [Popillia japonica] quarantine. U. S. Bur. Ent. & Plant Quar. B. E. P. Q.-Q. 48,rev.,11 p. June 4,1952. 1 F31

93809 VENET, M. Recherches sur le capnode noir [Capnodis tenebrionis] des rosacées. Chambre Franç. d'Agr. des Régions de Rabat, du Rharb et d'Ouezzane. B. 18:3164-3170,3172-3174. Apr.1952. 24 C352

93810 VERDCOURT, B. A new name [Xanthopygoides] for an East African genus of Staphylinidae (Col.). Ent. Mon. Mag. 88:176. Aug.1952. 421 En86

93811 VERESHCHAGIN, B. V. Bird cherry [Prunus avium] weevil - the predator of the cherry tree. (In Russian.) Sad i Ogorod 5:69. May 1952. 80 Sa13
Curculionidae.

93812 VIANA, M. J. Nuevas especies de curculionidos argentinos, subfamilia Amalactinae (Coleop. Curculionidae). Mus. Argentino de Cien. Nat. "Bernardino Rivadavia." Comun. Cien. Zool. 2:29-45. 1951. 410.9 B862C
In Amalactus.

93813 WÄLCHLI, O., and ZINKERNAGEL, R. Bemerkungen zur bestimmung der käferechtheit von wollenen textilien nach der prüfvorschrift SNV. 95902. Textil-Rundschau 7:105-113. Ref. Mar.1952. 304.8 T3139

93814 WARMBRUNN, K. Neue erkenntnisse über die engerlingsbekämpfung auf dauerwiesen auf grund einer grossaktion in Nordwürttemberg im frühjahr 1951. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:107-110. Mar.1952. 410.9 G31M
Melolontha melolontha.

93815 WATANABE, C. On the nomenclature of Japanese ladybeetles of the genus Epilachna Chevrolat (s. str.). (In Japanese.) Oyo-Kontyu 7:117-123. Ref. Dec.1951. 421 Oy6
English summary.

93816 WILKINSON, W. Vertical reduplication of a leg in Agabus bipustulatus (L.) (Col., Dytiscidae). Ent. Mon. Mag. 88:191-192. Aug.1952. 421 En86

93817 WILSON, G. Benzene hexachloride for cane grub control. Queensland Soc. Sugar Cane Technol. Proc. 19:147-153. 1952. 65.9 Q332

93818 WILSON, G. Frenchi grub [Lepidiota frenchi] control in North Queensland by benzene hexachloride. Internatl. Soc. Sugar Cane Technol. Proc. 7:414-416. 1950,pub.1951. 65.9 In84

93819 WOLCOTT, G. N. The chemical control of white grubs in Puerto Rico. Internatl. Soc. Sugar Cane Technol. Proc. 7:417-423. 1950,pub.1951. 65.9 In84
Phyllophaga portoricensis and P. vandinei.

93820 YASUTOMI, K. Some notes on the bionomics of Metriona thais Boheman. (In Japanese.) Oyo-Kontyu 7:177-181. Mar.1952. 421 Oy6
English summary.

93821 YOSHIDA, M. Ecological studies on the wire-worm, Melanotus caudex Lewis. 1. On the kinds of species of wire-worms injurious to wheat planting in Enshu district (Honshu, Japan). (In Japanese.) Oyo-Kontyu 7:145-148. Dec.1951. 421 Oy6
English summary.

DIPTERA

93822 ALESSANDRO, G. D', MARIANI, M., and GAGLIANI, M. More on the resistance of Musca domestica to DDT and other chlorinated insecticides. (In Italian.) Riv. di Parassitol. 13:169-175. Apr.1952. 436.8 R52
English summary.

93823 BAKER, A. C. The vapor-heat process. U. S. D. A. Ybk. 1952:401-404. 1 Ag84Y
To sterilize citrus fruits against fruit flies.

93824 BECK, E. G. A comparison of two stem galls on Solidago induced by the larvae of two different dipterous insects. (Abs.) Tenn. Acad. Sci. J. 27:200. July 1952. 500 T25A
Eurosta species.

93825 BETTINI, S., and BOCCACCI, M. Halogenated alkylating substances as contact insecticides against resistant flies. (In Italian.) Riv. di Parassitol. 13:165-167. Apr.1952. 436.8 R52
English summary.

93826 BLANCK, A. La mouche des fruits (Ceratitis capitata) hiverne-t-elle en France? Phytoma 5(39):13-17. Ref. June/July 1952. 464.8 P563

93827 BOLLOW, H. Fliegen und mücken als parasiten, schädlinge und lästlinge. Pflanzenschutz 4:47-52. Apr.1952. 464.8 P48

93828 BOSELLI, F. Experiments on use of DDT against the Mediterranean fruit fly [Ceratitis capitata] in Sardinia in 1951. (In Italian.) Ann. della Sper. Agr. (n.s.)6:1011-1020. 1952. 16 An76
English summary.

93829 BROWN, S. W., and HANNAH, A. An induced maternal effect on the stability of the ring-X-chromosome of Drosophila melanogaster. Natl. Acad. Sci. Proc. 38:687-693. Aug.1952. 500 N21P

93830 BRUCE, W. G. Screw-worms [Callitroga americana]. U. S. D. A. Ybk. 1952:666-672. 1 Ag84Y

93831 BRUCE, W. N. Combinations of insecticides and synergists for house fly control. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:67. 1952. 422.12 N81

93832 BRUCE, W. N. Insecticides and flies. U. S. D. A. Ybk. 1952:320-327. 1 Ag84Y
Resistance.

93833 CARRERA, M. Assassin flies. (In Portuguese) guese.) Fauna [São Paulo] 11(7):15-16. July 1952. 410 F272
Asilidae.

93834 CARSON, H. L. Contrasting types of population structure in Drosophila. Amer. Nat. 86:239-248. Ref. July/Aug.1952. 470 Am36

93835 CARTER, W. The oriental fruit fly [Dacus dorsalis]. U. S. D. A. Ybk. 1952:551-559. 1 Ag84Y

93836 COHER, E. I. Neotropical Mycomyia. II. (Diptera: Mycetophilidae). Dusenia 3:215-224. 1952. 410 D94
English summary.
Includes new species.

93837 COLLIN, J. E. On the subdivisions of the genus Pipizella Rnd., and an additional British species (Diptera, Syrphidae). Soc. Brit. Ent. J. 4:85-88. July 16,1952. 420 En85J

93838 COUTIN, R. Bases scientifiques et organisation d'un avertissement sur la Cecidomyie du chou-fleur aux Pays-Bas. Phytoma 5(39):11-12. June/July 1952. 464.8 P563

93839 CREIGHTON, J. T., and NEEL, W. W. Biologia y combate del tórsalo o nuche, Dermatobia hominis (L.Jr.): reseña bibliográfica. Turrialba 2:59-65. Ref. Apr./June 1952. 8 T86

93840 D'ASSIS-FONSECA, E. C. M. Helina pubescens Stein (Dipt., Muscidae) new to Britain. Soc. Brit. Ent. J. 4:83-84. July 16,1952. 420 En85J

93841 DITMAN, L. P., and BISSELL, T. L. Fight the vinegar gnat. Md. Agr. Col. Ext. Fact Sheet 57,1 p. n.d. 275.29 M36Fa
Tomato infestation and control.

93842 DJAENOEDIN, R. Larvae of flies, which may occur in affections of the hoofs of cattle. Hemera Zoa 58:557-560. Oct.1951. 41.8 V51

93843 DOANE, C. C. Onion maggot [Hylemya antiqua] control in onions grown for sets. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:62-63. 1952. 422.12 N81
Includes discussion.

93844 EDDY, G. W. Flies on livestock. U. S. D. A. Ybk. 1952:657-661. 1 Ag84Y
Chiefly control.

93845 ENDRIGKEIT, A. Versuche zur vorbeugenden kohlfliegenbekämpfung bei kohlsetzlingen durch wurzelbegiftung mit schwermetallverbindungen und kontaktinsektiziden. Z. f. Pflanzenkrank. (Pflanzenpath.) u. Pflanzenschutz 59:209-220. Ref. 1952. 464.8 Z3
English summary.
Hylemya brassicae.

93846 ENDRIGKEIT, A. Weitere versuche zur vorbeugenden bekämpfung der kohlfliege (Chortophilar [i.e. Hylemya] brassicae Bché.) bei kohlsetzlingen mit kontaktinsektiziden im wurzeltauch- u. saatbeetbegiessungsverfahren. Z. f. Pflanzenkrank. (Pflanzenpath.) u. Pflanzenschutz 59:248-255. Ref. July/Aug.1952. 464.8 Z3
English summary.

93847 ENRICA, C. Study on the oenocytes of adult Musca domestica L. (In Italian.) B. di Zool. Agr. e Bachicolt. 18:29-34. Ref. 1952. 423.92 B63

93848 FARRAR, M. D., and NETTLES, W. C. Automatic sprayer for control of biting flies on cattle. Clemson Agr. Col. S. C. Ext. Inform. Card 81,4 p. July 1952. 275.29 So8I

93849 FERON, M. Méthode d'avertissement utilisée en Suisse dans la lutte contre la mouche des cerises [Rhagoletis cerasi]. Phytoma 5(39):8-10. June/July 1952. 464.8 P563
With an introduction by B. Trouvelot.

93850 FISHER, R. W. The importance of the locus of application on the effectiveness of DDT for the house fly, Musca domestica L. (Diptera: Muscidae). Canad. J. Zool. 30:254-266. Ref. Aug.1952. 470 C16D

93851 FLYNN, J. A. Dirty milk bottles with special reference to infestation by the phorid fly Paraspiniphora bergenstammi. (Mik). Irish Vet. J. 6:405-407. June 1952. 41.8 Ir4

93852 FRICK, K. E. A generic revision of the family Agromyzidae (Diptera) with a catalogue of New World species. Calif. U. P. Ent. 8:339-452. Ref. 1952. 500 C125E
Includes new genus Xyraeomyia.

93853 GLASS, B., and PLAINE, H. L. The role of oxygen concentration in determining the effectiveness of X-rays on the action of a specific gene in Drosphila [!] melanogaster. Natl. Acad. Sci. Proc. 38:697-705. Ref. Aug.1952. 500 N21P

93854 GOFFE, E. R. An outline of a revised classification of the Syrphidae (Diptera) on phylogenetic lines. Soc. Brit. Ent. Trans. 11:97-124. Ref. May 16,1952. 420 So15
To which is appended a list of the species recorded from Britain (grouped and arranged in revised order).

93855 GRANDORI, L., and FACETTI, D. Further experiments on the effects of ethylurethane on the adult house fly. (In Italian.) B. di Zool. Agr. e Bachicolt. 18: 21-28. 1952. 423.92 B63
English summary.

93856 GRANDORI, L., REALI, G., and FACETTI, D. Narcotic effects of ethylurethane on the adult house fly. (In Italian.) B. di Zool. Agr. e Bachicolt. 18:3-10. 1952. 423.92 B63
English summary.

93857 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Cabbage root fly [Hylemya brassicae]. Gt. Brit. Min. Agr. & Fisheries. Adv. L. 18,5 p. May 1952. 10 G79La

93858 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Pear midge [Contarinia pyrivora]. Gt. Brit. Min. Agr. & Fisheries. Adv. L. 26,4 p. Dec.1950,pub. Jan.1951. 10 G79La

93859 GREEN, A. A. The blowfly problem. Roy. Sanit. Inst. J. 72:621-627. Sept.1952. 449.9 R812
Includes discussion.

93860 HALL, R. E. Some Chironomidae (Diptera) from the Shetland Islands. Soc. Brit. Ent. J. 4:66-69. Ref. May 16,1952. 420 En85J

93861 HARANT, H., HUTTEL, W., and HUTTEL, N. Sur une Cécidomyie accidentellement hématophage. Soc. de Path. Exot. B. 45:200-201. 1952. 448.9 So13

93862 HAWKES, H. A. Factors influencing the egress of the sewage fly Anisopus fenestralis from bacteria beds. Birmingham Nat. Hist. & Philos. Soc. Proc. 18:41-53. 1951. 501 B53

93863 HENNIG, W. Dipteren von den Kleinen Sunda-Inseln. IV. Fam. Muscidae. Beitr. z. Ent. 2:55-93. May 1952. 421 B392
Includes new species in Emmesomyia, Pygophora, Coenosia, Atherigona, Lispocephala, Hebecnema, Helina, Dichaetomyia and Xenosina.

93864 HENRARD, C. Répartition des glossines au Congo belge et au Ruanda-Urundi. Inst. Roy. Colon. Belge B. des Séances 22:967-993. Ref. 1951. 504 B836

93865 HOIDALE, P. A. The Mexican fruit fly [Anastrepha ludens]. U. S. D. A. Ybk. 1952:559-562. 1 Ag84Y

93866 HUKUDA, H. The influence of coexistence during larvalstage to the body length of adults in Drosophila population. Osaka City U. Inst. Polytech. J. Ser. D, Biol. 2:51-61. Dec.1951. 442.9 Os1

93867 KABOS, W. J. Rare Diptera of the Netherlands. (In Dutch.) Tijdschr. v. Ent. 95:XXVII-XXVIII. 1952. 421 T21

93868 KANDA, M. The distribution of the injured ears in the rice field attacked by rice stem maggot, Chlorops orizae Matsumura, and estimation of optimum size of field-plot. Tôhoku U. Inst. Agr. Res. Rpt. 3:35-49. Ref. 1951. 22.5 T81

93869 KEILBACH, R. Butter als nährusbstrat für Dipterenlarven. Z. f. Hyg. Zool. u. Schädlingsbekämpf. 39:296-299. Oct./Dec.1951. 449.8 Z36

93870 LAAKE, E. W., and ROBERTS, I. H. Cattle grubs [Hypoderma]. U. S. D. A. Ybk. 1952:672-676. 1 Ag84Y
Control.

93871 LAGAUDE, V. Un nouveau parasite: le cécidomyie des prunes. Rev. Hort. 124:717. May/June 1952. 80 R32

93872 LODOS, N. Un nouveau parasite de Eurygaster integriceps (Souné) en Turquie, Alophora (Phorantha) subcoleopterata L. (In Turkish.) Bitki Koruma B. 2:23-26. 1952. 464.8 B54
French summary.

93873 MAIL, G. A., and SCHOOF, H. F. Fly production sources in Charleston, West Virginia. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:42-43. 1952. 422.12 N81

93874 MARTIN, H. Observations et essais de lutte contre Ceratitis capitata Wied. en Provence, 1951. Rev. de Path. Vég. et d'Ent. Agr. de France 31:52-62. Jan./Mar.1952. 464.9 So1

93875 MARTINO, E. DI. Comparative tests of the attractiveness of beet and carob molasses. (In Italian.) Ann. della Sper. Agr. (n.s.)6:933-940. 1952. 16 An76
English summary.
As bait for Dacus oleae, Ceratitis capitata, and other insects.

93876 MELNICK, J. L., and PENNER, L. R. The survival of poliomyelitis and Coxsackie viruses following their ingestion by flies. J. Expt. Med. 96:255-271. Ref. Sept.1,1952. 448.8 J822

93877 MERCIER, J. La mouche du chou (Chortophila [i.e. Hylemya] brassicae Bouche). Cour. Hort. 14:328-329. June 1952. 80 C834

93878 MIRSA, A. El desarrollo de Phlebotomus panamensis Shannon, 1926 y Ph. gomezi Nitzulescu 1931 (Diptera, Psychodidae) en condiciones de laboratorio. Venezuela. Min. de Sanid. y Asistencia Social. Rev. de Sanid. y Asistencia Social 16:561-572. Ref. Sept./Dec. 1951. 449.9 V55
English summary.

93879 MOCHIZUKI, M. Notes on some gall midges (Cecidomyidae, Diptera) injurious to soy bean. (In Japanese.) Oyo-Kontyu 7:124. Dec.1951. 421 Oy6

93880 MOSNA, E. On the resistance of the house fly to non-chlorinated insecticides. (In Italian.) Riv. di Parassitol. 13:191-192. Apr.1952. 436.8 R52

93881 MUNRO, H. K. A remarkable new gall-forming Trypetid (Diptera) from southern Africa, and its allies. Union So. Africa. Dept. Agr. Ent. Mem. 2:329-341. 1952. 423.92 So8
Notomma galbanum and other species in Notomma.

93882 NETHERLANDS. PLANTENZIEKTENKUNDIGE DIENST. De koolvlieg [The cabbage fly], Chortophila brassicae Bché. Netherlands. Plantenziektenk. Dienst. Vlugschr. 10,4 p. May 1952. 464.9 W12V

93883 NICOLI, R. M. Phlebotomes de la corse: biologie du Phlebotomus perniciosus legeri (J. Mansion, 1913). Soc. de Biol. Compt. Rend. 146:578-580. Apr. 1952. 442.9 P21

93884 ORTIZ, I. Estudios en Culicoides (Diptera, Ceratopogonidae). Venezuela. Min. de Sanid. y Asistencia Social. Rev. de Sanid. y Asistencia Social 16:573-591. Sept./Dec.1951. 449.9 V55
Includes new species.

93885 ORTIZ, I., and MIRSA, M. Estudios en Culicoides (Diptera Ceratopogonidae). Venezuela. Min. de Sanid. y Asistencia Social. Rev. de Sanid. y Asistencia Social 16:593-605. Sept./Dec.1951. 449.9 V55
Includes new species.

93886 PARMENTER, L. Coenia curvicauda Mg. (Diptera, Ephydridae)—an overlooked species. Soc. Brit. Ent. J. 4:89-90. July 16,1952. 420 En85J

93887 PARMENTER, L. Flies visiting greater stitchwort, Stellaria holostea Linn. (Caryophyllaceae). Soc. Brit. Ent. J. 4:88-89. July 16,1952. 420 En85J

93888 PARROT, L., and DONATIEN, A. Autres observations sur l'infection naturelle des Phlébotomes par la leishmaniose générale de l'homme et du chien en Algérie. Inst. Pasteur d'Algérie. Arch. 30:146-152. Ref. June 1952. 448.3 In7A

93889 PARROT, L., and CLASTRIER, J. Notes sur les Phlébotomes. LXV. Phlébotomes d'Indochine. Inst. Pasteur d'Algérie. Arch. 30:153-171. Ref. June 1952. 448.3 In7A

93890 PENNER, L. R., and MELNICK, J. L. Methods for following the fate of infectious agents fed to single flies. J. Expt. Med. 96:273-280. Ref. Sept.1,1952. 448.8 J822

93891 RICHARDSON, H. H. Cold treatment of fruits. U. S. D. A. Ybk. 1952:404-406. 1 Ag84Y
Against fruit flies.

93892 RINGDAHL, O. A survey of the Swedish species of the subfamily Coenosiinae (Dipt., Muscidae). Soc. Brit. Ent. J. 4:47-59. May 16,1952. 420 En85J
Translated from the Swedish by E. C. M. d'Assis-Fonseca, with additional British species interpolated by the translator.

93893 ROBERTSON, F. W., and REEVE, E. C. R. Heterozygosity, environmental variation and heterosis. Nature [London] 170:286. Aug.16,1952. 472 N21
Drosophila melanogaster.

93894 ROMAN, E., and SICART, M. Sur quelques Ceratopogonides piqueurs de France et de Tunisie. Soc. de Path. Exot. B. 45:202-205. 1952. 448.9 So13
Culicoides sp. and Leptoconops bezzii.

93895 ROUBAUD, E., and MAILLOT, L. Les modalités de l'infection cyclique trypanosomienne observées chez les Glossina caliginea des gites à palétuviers de Douala. Soc. de Path. Exot. B. 45:228-235. 1952. 448.9 So13

93896 ROUBAUD, L., MAILLOT, L., and RAGEAU, J. Infection naturelle de Glossina caliginea dans les gites à palétuviers de Douala (Cameroun Français). 2. Soc. de Path. Exot. B. 45:206-208. 1952. 448.9 So13

93897 SACCA, G. Two flies new to European fauna: Musca sorbens Wied. and Limnophora tonitrui Weid. in Sicily. (Diptera, Muscidae). (In Italian.) Riv. di Parassitol. 13:177-180. Apr.1952. 436.8 R52
English summary.

93898 ŞENGÜN, A. Über die zahl der spiralwindungen, der blöckchen und der sekundären querbänder. Cytologia 17:1-5. Ref. June 1952. 442.8 C99
Tendipes.

93899 SHAW, S. Euleia caesio (Harris) (Dipt., Trypetidae) in the North of England. Soc. Brit. Ent. J. 4:93. July 16,1952. 420 En85J

93900 SHURA-PURA, B. L. Experiment in studying the migration of house flies by the method of radioactive indicators [radioactive phosphorus]. (In Russian.) Zool. Zhur. 31:410-412. Ref. May/June 1952. 410 R92

93901 SMITH, K. G. V. Observations on the prey and predacious habits of various Empididae (Diptera). Soc. Brit. Ent. J. 4:90-93. Ref. July 16,1952. 420 En85J

93902 SPERONI, G. Use of synergists in control of Musca domestica resistant to contact insecticides. (In Italian.) Chim. e l'Indus. 34:391-403. Ref. July 1952. 385 G43

93903 STOLZE, K. V., and HILLEMANN, H. Welche pflanzenschutzmittel können bei der kohlfliegenbekampfung durch vermischen mit der topferde verwendung finden? Anz. f. Schädlingsk. 25:119-122. Ref. Aug.1952. 421 An9

93904 THOMSEN, E. Functional significance of the neurosecretory brain cells and the corpus cardiacum in the female blow-fly, Calliphora erythrocephala Meig. J. Expt. Biol. 29:137-172. Ref. Mar.1952. 442.8 B77

93905 TOLEDO, A. A. DE. The harm of rains on the effect of insecticides in control of Dermatobia hominis. (In Portuguese.) Biológico 18:57-61. Apr.1952. 442.8 B529

93906 TSUJITA, M. A new subspecies of Agromyza nigrescens Hendel (Diptera, Agromyzidae.) Kyushu U. Facul. Agr. Sci. B. 13:53-57. Nov.1951. 107.6 K995B

93907 VAN DEN BOSCH, R. Oriental fruitfly [Dacus dorsalis] parasites; biological control of damaging pest established in Hawaii diminishes threat to mainland's fruit production. Calif. Agr. [Calif. Sta.] 6(7):13. July 1952. 100 C12Cag

93908 WEBER, G. Erfolgreiche bekämpfung der kirschfruchtfliege. Hess. Obstbau 7:71-73. May 1952. 80 G1932
Rhagoletis cerasi.

Culicidae

93909 BEADLE, L. D., and ROWE, J. A. Mosquito problems associated with the nation's water resources development program. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:41-42. 1952. 422.12 N81

93910 BERTI, A. L. Almanaque de la lucha antimalárica en Venezuela. Venezuela. Min. de Sanid. y Asistencia Social. Rev. de Sanid. y Asistencia Social 16:517-532. Sept./Dec.1951. 449.9 V55

93911 BLAZQUEZ, J., and MAIER, J. Ginandromorfismo en Culex fatigans sometidos por generaciones sucesivas a exposiciones de DDT. Venezuela. Min. de Sanid. y Asistencia Social. Rev. de Sanid. y Asistencia Social 16:607-612. Ref. Sept./Dec.1951. 449.9 V55

93912 BRUYNING, C. F. A. Some observations on the distribution of A[nopheles] darlingi Root in the savannah region of Surinam. Doc. de Med. Geog. et Trop. 4:171-174. June 1952. 448.8 D65

93913 CSEH FIRTOS, S. Five years mosquito control with DDT in the mental hospital, Franeker. Doc. de Med. Geog. et Trop. 4:117-123. June 1952. 448.8 D65

93914 GOOR, W. T. VAN, and LODENS, J. G. A[nopheles] aconitus and house spraying with DDT in West Java. Doc. de Med. Geog. et Trop. 4:144-148. June 1952. 448.8 D65

93915 HAUFF, W. O. Observations on the biology of mosquitoes (Diptera: Culcidae) at Goose Bay, Labrador. Canad. Ent. 84:254-263. Aug.1952. 421 C16

93916 HELL, J. C. VAN. The anopheline fauna and malaria vectors in South Celebes. Doc. de Med. Geog. et Trop. 4:45-56. Ref. Mar.1952. 448.8 D65

93917 HULL, W. B. Mosquito survey of Guam. U. S. Armed Forces Med. J. 3:1287-1295. Sept.1952. 159 Un3

93918 JADIN, J., FAIN, A., and RUPP, H. Lutte anti-malarienne étendue en zone rurale au moyen de D. D. T. à Astrida, Ruanda-Urundi. Inst. Roy. Colon. Belge. Sect. des Sci. Nat. et Méd. Mém. Collect. in-8° 21,46 p. 1952. 504 B8362M

93919 JAYEWICKREME, S. H. Methods of rearing the larvae of some anopheline mosquitoes of Ceylon, with observations on their life history. Ceylon J. Sci. Sect. B: Zool. 25:29-53. Ref. May 31,1952. 410 C33

93920 JAYEWICKREME, S. H., and NILES, W. J. A technique for rearing Mansonioides larvae in the laboratory. Ceylon J. Sci. Sect. B: Zool. 25:1-6. May 31, 1952. 410 C33

93921 KING, W. V. Mosquitoes and DDT. U. S. D. A. Ybk. 1952:327-330. 1 Ag84Y
Resistance.

93922 MACDONALD, G. The analysis of the sporozoite rate. Trop. Dis. B. 49:569-586. Ref. June 1952. 448.8 T752
Includes mosquitoes.

93923 MAES, H. Phosphorus as a factor preventing DDT-dehydrochlorination. Nature [London] 170:328. Aug.23,1952. 472 N21
Mosquito control.

93924 MATSUBARA, H. Studies on synergist for insecticides. VI. On the synergistic action of egonol with pyrethrins in the mosquitocide incense. (In Japanese.) Botyu-Kagaku 17:37-40. Mar.1952. 421 B65
English summary.

93925 NAGASAWA, S., and HAMADA, M. Comparison of the toxicity of p,p´-DDT and its several analogues to pupae of the common house mosquito (Culex pipiens var. pallens Coquillett). Studies on the biological assay of insecticides. XVIII. (In Japanese.) Botyu-Kagaku 16: 186-190. Ref. Dec.1951. 421 B65
English summary.

93926 OLSEN, C. E. How a mosquito bites you. Nat. Hist. 61:327-329. Sept.1952. 500 N483J

93927 PUERTO RICO. DEPT. OF HEALTH. Annual report of the Commissioner of Health, fiscal year 1950-51. San Juan?1951. 306 p. 449.7 P82
Includes mosquito control and food sanitation.

93928 ROCKWELL, E. M. Some investigational studies concerning reactions to insect bites. Ann. Allergy 10:404-410. Ref. July/Aug.1952. 448.8 An72
Chiefly mosquitoes.

93929 ROTH, L. M., and WILLIS, E. R. Notes on three gynandromorphs of Aedes aegypti (L.). (Diptera, Culicidae). Ent. Soc. Wash. Proc. 54:189-193. Aug.1952. 420 W27

93930 ROTH, L. M., and WILLIS, E. R. Possible hygroreceptors in Aedes aegypti (L.) and Blattella germanica (L.). J. Morph. 91:1-14. Ref. July 1952. 444.8 J826

93931 SICART, M. Note sur des larves d'Anopheles maculipennis présentant un appendice thoracique. Soc. des Sci. Nat. de Tunisie.B. 4:45-48. 1951. 515 So14

93932 SICART, M. Note sur la présence de Culex mimeticus (Noe 1899) en Tunisie. Soc. des Sci. Nat. de Tunisie.B. 4:60-61. 1951. 515 So14

93933 SINGH, J. Malaria and its control in India. Roy. Sanit. Inst. J. 72:515-525. Ref. Sept.1952. 449.9 R812
Includes mosquitoes as vectors.

93934 STAGE, H. H. Mosquitoes. U. S. D. A. Ybk. 1952:476-486. 1 Ag84Y

93935 VOCKEROTH, J. R. The specific status of Aedes pionips Dyar (Diptera: Culicidae). Canad. Ent. 84: 243-247. Ref. Aug.1952. 421 C16

HEMIPTERA (HETEROPTERA AND HOMOPTERA)

93936 BABER, E. G., and ROBINSON, P. E. Feeding habits of Perkinsiella saccharicida. Internatl. Soc. Sugar Cane Technol. Proc. 7:155-167. 1950,pub.1951. 65.9 In84

93937 BAILEY, N. S. Lace bugs [Stephanitis] on broad-leaved evergreens. Horticulture 30:303,319. Aug. 1952. 80 H787

93938 BECKER, H. Untersuchungen über rassenmerkmale bei fundatrigenien der reblaus (Phylloxera vitifolii Fitch). Z. f. Pflanzenkrank. (Pflanzenpath.) u. Pflanzenschutz 59:198-209. Ref. 1952. 464.8 Z3
English summary.

93939 BEIRNE, B. P. Two new species of Dikraneura from western Canada, with notes on other species (Homoptera: Cicadellidae). Canad. Ent. 84:250-253. Aug. 1952. 421 C16

93940 BORNER, C. Die blattlausgattungen Myzus und Myzodes. Beitr. z. Ent. 2:122-127 Ref. May 1952. 421 B392

93941 BOTT, R. Beobachtungen an singzikaden. Nat. u. Volk 81:193-197. Aug.1,1952. 509 F856
Lyristes plebejus.

93942 CAMACHO CORRALES, C. A. Apuntes sobre el combate de Saissetia hemisphaerica y Aphis sp. (huevillo de los cafetos). Suelo Tico 5:263-265. May/Dec.1951. 8 Su2

93943 CARLO, J. A. DE. Nepidos de America (Hemiptera-Nepidae). Mus. Argentino de Cien. Nat. "Bernardino Rivadavia." Rev. Cien. Zool. 1:385-421. Ref. 1951. 410.9 B862
Includes new species in Curicta.

93944 CARRÈRE, L. Les formes L des microorganismes symbiotiques du puceron vert du rosier (Siphonophora rosae L). Soc. de Biol. Compt. Rend. 146: 522-523. Apr.1952. 442.9 P21

93945 CHANDLER, S. C. How to control tarnished plant bugs and stink bugs causing cat-facing. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:27-29. 1952. 422.12 N81
Euschistus species, Lygus species and Acrosternum hilaris.
Includes discussion.

93946 CHINA, W. E. A new genus [Neoaphrophora] and species of Aphrophorinae (Cercopidae, Hemiptera-Homoptera) from Australia. Ann. & Mag. Nat. Hist. (ser. 12)5:789-792. Aug.1952. 410 An77

93947 COLLART, A. Deux genres d'insectes à rechercher aux Pays-Bas. Ent. Ber. 14:123-125. Aug.1, 1952. 420 N38B
Copium and Microsania.

93948 CREUZBURG, U. Nochmals abflammversuch gegen San José-schildlaus [Aspidiotus perniciosus]. Z. f. Pflanzenkrank. (Pflanzenpath. u. Pflanzenschutz 59:223. 1952. 464.8 Z3

93949 CROOKE, M. Adelges attacking Japanese and hybrid larches. Gt. Brit. Forestry Comn. Forest Rec. 17, 20 p. Ref. 1952. 99.9 G795Fo
Larix leptolepis and L. eurolepis.

93950 DEAN, H. A. Cottony cushion scale [Icerya purchasi] control in the Lower Rio Grande Valley, 1951. Tex. Agr. Expt. Sta. Prog. Rpt. 1469,3 p. June 18,1952. 100 T31 P

93951 DICKER, G. H. L. Studies in population fluctuations of the strawberry aphid, Pentatrichopus fragaefolii (Cock.) I. Enemies of the strawberry aphid. East Malling Res. Sta. Annu. Rpt. 39:166-168. 1951,pub.1952. 103 Ea7

93952 DOUGLASS, J. R., and COOK, W. C. The beet leafhopper [Circulifer tenellus]. U. S. D. A. Ybk. 1952: 544-550. 1 Ag84Y

93953 DOWNES, W. Two new species of Colladonus from British Columbia (Homoptera: Cicadellidae). Canad. Ent. 84:253. Aug.1952. 421 C16

93954 DRAKE, C. J. The American species of Cylindrostethus Mayr (Hemiptera, Gerridae). Amer. Mus. Novitates 1579,3 p. July 30,1952. 500 N483N
Includes new species.

93955 DRAKE, D. C. The six-spotted leafhopper [Macrosteles divisus] in relation to purple-top wilt of potato. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:63-64. 1952. 422.12 N81
Includes discussion.

93956 DUDLEY, J. E., JR., and COOK, W. C. The pea aphid [Macrosiphum pisi]. U. S. D. A. Ybk. 1952:538-543. Ref. 1 Ag84Y

93957 DÜRKES. Reblausbekämpfung und -verseuchung in Rheinhessen. Deut. Weinbau 7:263-264. (Cont.) June 5,1952. 390.8 W432
Phylloxera.

93958 DUTT, N., MUKHERJEE, P. K., and GUPTA, N. S. Preliminary observations on the incidence of Phenacoccus hirsutus Gr. and its effect on the growth of Hibiscus sabdariffa Linn. var altissima Hort. Indian J. Agr. Sci. 21:231-237. Ref. Sept.1951. 22 Ag83I

93959 FISHER, F. E. Diseases of scale insects. Citrus Mag. 15:25-26. Sept.1952. 80 C498

93960 FLOCH, H. Sur la présence de Triatoma rubrofasciata de Geer et sur son infection naturelle par T[rypanosoma] conorrhini (Donovan) en Guadeloupe et en Guyane Francaise. Soc. de Path. Exot. B. 45:222-227. 1952. 448.9 So13

93961 FREZAL, P. Punaises des blés. Rev. Agr. de l'Afrique du Nord 50:400-404. June 20,1952. 80 R326
Chiefly Aelia germari.

93962 GÓMEZ MENOR, J. El pulgón cerifero [Cerataphis] de las orquideas en España. Soc. Espan. de Hist. Nat. B. Secc. Biol. 49:93-100. Ref. 1951. 442.9 So18

93963 GÖTZ, B. Die bekämpfung der gallicolen von Phylloxera vitifolii Fitch. Z. f. Pflanzenkrank. (Pflanzenpath.) u. Pflanzenschutz 59:189-198. Ref. 1952. 464.8 Z3
English summary.
On grape.

93964 GRAVESTEIN, W. H. Ecological considerations, also on some Corixidae, after the occasion of a speech on this subject by T. T. Macan. (In Dutch.) Tijdschr. v. Ent. 95:XXXIX-XLI. 1952. 421 T21

93965 HILL, A. R. Observations on Lygus pabulinus (L.), a pest of raspberries in Scotland. East Malling Res. Sta. Annu. Rpt. 39:181-182. 1951,pub.1952. 103 Ea7

93966 HILL, C. H. The biology and control of scurfy scale [Chionaspis furfura] on apples in Virginia. Va. Agr. Expt. Sta. Tech. B. 119,26 p. Ref. June 1952. 100 V81S

93967 HILLE RIS LAMBERS, D. Uber Myzus persicae Sulzer. Beitr. z. Ent. 2:119-121. May 1952. 421 B392

93968 HOLDAWAY, F. G., and PETERSON, A. G. Lygus populations in alfalfa, 1951. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:33-36. 1952. 422.12 N81

93969 ITO, Y. On the population increase and migration in three species of barley aphids. Studies on the mechanisms of ecological segregation in barley aphids. 1. (In Japanese.) Oyo-Kontyu 7:169-176. Mar. 1952. 421 Oy6
English summary.

93970 JANNONE, G. Studies and research in agricultural entomology in Eritrea and in Ethiopia. VIII. Status of crop diseases on an estate of the territory of Fadis (Harar, Ethiopia) with particular reference to an infestation of aphids on "suff" (Carthamus tinctorius). (In Italian.) Riv. di Agr. Subtrop. e Trop. 46:132-137. Apr./June 1952. 26 Ag82
English summary.

93971 KORMILEV, N. A. Aradidae argentinos. I. (Hemiptera). Mus. Argentino de Cien. Nat. "Bernardino Rivadavia." Comun. Cien. Zool. 2:83-95. Ref. 1951. 410.9 B862C
English summary.

93972 KORMILEV, N. A. Phymatidae argentinas (Hemiptera) con observaciones sobre Phymatidae en general. Mus. Argentino de Cien. Nat. "Bernardino Rivadavia." Rev. Cien. Zool. 2:45-110. Ref. 1951. 410.9 B862
Includes new subgenus and species in Phymata.
English summary.

93973 LESTON, D. Notes on the Ethiopian Pentatomidae. II. A structure of unknown function in the Sphaerocorini Stal (Hem. Het.). Entomologist 85:179-180. Aug.1952. 421 En8

93974 MAC GREGOR L., R. Nota sobre los Pseudococcidae (Hom. Coccoidea) de Mexico. Fitófilo 6(5):19-22. Mar./Apr.1952. 421 F55

93975 MALTAIS, J. B., and AUCLAIR, J. L. Occurrence of amino acids in the honeydew of the crescent-marked lily aphid, Myzus circumflexus (Buck.) Canad. J. Zool. 30:191-193. Aug.1952. 470 C16D

93976 MEDLER, J. T. Plant bug control in Wisconsin. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:36-37. 1952. 422.12 N81
Adelphocoris lineolatus and Lygus oblineatus.
Includes discussion.

93977 MENUSAN, H., JR. The potato leafhopper [Empoasca fabae] and its control. Guide Post 30(7):16, 18. July 1952. 75.8 G94

93978 MICHELBACHER, A. E., MIDDLEKAUFF, W. W., and BACON, O. G. Stink bug on tomatoes; injury and its prevention investigated in last season's outbreak in Yolo and Sacramento Counties. Calif. Agr. [Calif. Sta.] 6(7):11. July 1952. 100 C12Cag
Thyanta custator and Euschistus conspersus.

93979 MILLER, N. C. E. New Reduviidae in the collection of the British Museum (N.H.). IX. Ann. & Mag. Nat. Hist. (ser.12)5:778-788. Aug.1952. 410 An77
Includes new species in Sphalerocoris n.g., Stirogaster and Dithmarus.

93980 MISSONNIER, J. Le psylle du poirier, Psylla pyri L. Phytoma 5(38):8-11. May 1952. 464.8 P563

93981 MORRISON, H. Classification of the Ortheziidae. Supplement to Classification of scale insects of the subfamily Ortheziinae. U. S. D. A. Tech. B. 1052,80 p. Ref. Aug.1952. 1 Ag84Te

93982 NEISWANDER, R. B. Emulsifiable DDT sprays for summer control of scale insects. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:86-87. 1952. 422.12 N81

93983 PRINTS, IA. I. Utilization of carbolineum in the control of scale insects on plums. (In Russian.) Sad i Ogorod 2:32-33. Feb.1952. 80 Sa13
Lecanium corni chiefly.

93984 QADRI, M. A. H. Respiration in the notonectid bugs. Pakistan J. Sci. 3:119-123. July 1951. 475 P172

93985 REICH, H. Der augenblickliche stand der bekämpfung von blattlaus und roter spinne im erwerbsobstbau. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:72-75. Mar.1952. 410.9 G31M
Aphis pomi and Paratetranchus pilosus.

93986 RIHERD, P. T. Imported parasite checks Rhodes grass pest [Antonina graminis]. South. Seedman 15(9):22,66. Sept.1952. 61.8 So8

93987 ROHRBACH, F. Die ohrzikade, Ledra aurita, und ihre larve. Nat. u. Volk 81:262-265. Oct.1,1952. 509 F856

93988 SANFORD, G. B. Phloem necrosis of potato tubers associated with infestation of vines by Paratrioza cockerelli Sulc. Sci. Agr. 32:433-439. Ref. Aug.1952. 7 Sci2

93989 SCHIMITSCHEK, E. Ein neuer entomophager pilz an Dreyfusia nüsslini C. B. Anz. f. Schädlingsk. 25: 115-116. Aug.1952. 421 An9

93990 SCHMIDT, H. Zur kenntnis der wurzellaus Paracletus cimiciformis v. d. Heyd., ein parasitär angepasster ameisengast. Z. f. Parasitenk. 15:283-289. Ref. 1952. 442.8 Z33F

93991 SHANDS, W. A., and LANDIS, B. J. Potato aphids. U. S. D. A. Ybk. 1952:519-527. 1 Ag84Y

93992 SLATER, J. A., and DAVIS, N. T. The scientific name of the tarnished plant bug (Hemiptera, Miridae). Ent. Soc. Wash. Proc. 54:194-198. Ref. Aug. 1952. 420 W27

93993 SOLAROLI, V., and BONGIOVANNI, G. C. Systemic insecticides and other products for control of green aphid of apple [Aphis pomi]. (In Italian.) Italia Agr. 89:479-483. July 1952. 16 It1

93994 SPURIS, Z. Data on insect fauna (Heteroptera) in Latvian SSR. (In Latvian.) Latv. PSR Zinatņu Akad. Vest. 1:149-154. 1951. 511 R442
Russian summary.

93995 STEUDEL, W. Untersuchungen zur anholocyclischen überwinterung der grünen Pfirsichlaus (Myzodes [i.e. Myzus] persicae Sulz.) an Brassicaceen. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 73,32 p. Ref. Feb. 1952. 410.9 G31M

93996 STITT, L. L., and BREAKEY, E. P. Evidence that aphid control suppressed virus diseases of potatoes and strawberries in northwestern Washington. Gent. Landbhogesch. Meded. 17:94-110. Ref. Mar.1952. 105.1 G344

93997 TAKEYA, C. New Stephanitis-species from Japan (Hemiptera: Tingidae). Kyushu U. Facul. Agr. Sci. B. 13:58-62. Nov.1951. 107.6 K995B

93998 TAUBITZ, A. Erfahrungen mit der bekämpfung der rübenwanzen-kräuselkrankheit in Niedersachsen. Z. f. die Zuckerindus. 1:85-86. Nov.20,1951. 65.8 D48
Piesma quadratum.

93999 TINKER, M. E. The seasonal behavior and ecology of the boxelder bug Leptocoris trivittatus in Minnesota. Ecology 33:407-414. July 1952. 410 Ec7

94000 TINOCO CORONA, L. Breve estudio del pulgon [Aphis gossypii] del melon. Fitófilo 6(5):9-18. Mar./Apr.1952. 421 F55

94001 TOFINO OREJUELA, T. E. Efecto residual del DDT asociado a las emulsiones de aceite para el control de 3 especies de Diaspididae (Homoptera-Coccoidea). Acta Agron. [Palmira] 2:161-162. July 1952. 9.4 Ac8
Unaspis citri, Lepidosaphes beckii, and Chrysomphalus dictyospermae.

94002 WADDELL, D. B. A preliminary list of the Hemiptera of the Kootenay Valley. Ent. Soc. Brit. Columbia. Proc. 48:93-96. Aug.15,1952. 420 B77

94003 WAKELAND, C. The chinch bug [Blissus leucopterus]. U. S. D. A. Ybk. 1952:611-614. 1 Ag84Y

94004 WALLIS, R. L. The potato psyllid [Paratrioza cockerelli]. U. S. D. A. Ybk. 1952:515-519. 1 Ag84Y
Pest of tomatoes and potatoes.

94005 WEAVER, C. R. Ten suggestions for controlling spittlebug [Cercopidae] nymphs without harmful insecticide residues. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:32-33. 1952. 422.12 N81

94006 WENZL, H. Möglichkeiten der vergilbungsbekämpfung. Pflanzenarzt 5(8):5-7. Aug.1,1952. 464.9 P482
Includes control of Myzus persicae, Aphis fabae and virus diseases.

94007 WHITNALL, A. B. M., and WINSTANLEY, J. K. The control of mealybugs on vines with chemicals. Plant Protect. Overseas Rev. 3(2):21-24. July 1952. 464.8 P69
Hydrocyanic acid and parathion.

HYMENOPTERA

94008 BALTZER, R. Uber drohnenflugbahnen bestimmter hummelarten. Westfälische Bienenztg. 65: 171. June 1952. 424.8 W526

94009 BERTRAN, A. Observaciones sobre la hormiga invasora [Iridomyrmex humilis]. Agricultura [Madrid] 21:382-384. July 1952. 15 Ag84

94010 BHATNAGAR, S. P. Descriptions of new and records of known Chalcidoidea (parasitic Hymenoptera) from India. Indian J. Agr. Sci. 21:155-178. June 1951. 22 Ag831
Includes n. spp. in: Torymus, Prodecatoma, Pachycrepoideus, Solindenia, Coccidencyrtus, Encyrtus, Euplectrus and Tetrastichus.

94011 BLUNCK, H. Zur kenntnis der hyperparasiten von Pieris brassicae L. 6. Gelis corruptor Först. und Gelis faunus Först. Beitr. z. Ent. 2:94-109. Ref. May 1952. 421 B392

94012 BOHART, G. E. Pollination by native insects. U. S. D. A. Ybk. 1952:107-121. 1 Ag84Y
Chiefly wild bees.

94013 BOHART, G. E., and KNOWLTON, G. F. Wild bees for pollination of the alfalfa seed crop in Utah. Utah. State Agr. Col. Ext. Fact Sheet 8,2 p. June 1952. 275.29 Ut1F

94014 BÖHM, H. Die kirschblattwespe [Caliroa cerasi]. Bundesanst. f. Pflanzenschutz. Flugbl. 72,1 p. 1952. 464.9 V672F

94015 BOTT, R. Die gallische wespe (Polistes gallicus). Nat. u. Volk 81:322-327. Ref. Dec.1,1952. 509 F856

94016 BUTCHER, J. W., and EATON, C. B. The larch sawfly [Pristiphora erichsonii] epidemic in the Lake States; surveys and spraying experiments in 1949 and 1950. U. S. Bur. Ent. & Plant Quar. E-841,8 p. July 1952. 1.9 En83

94017 CHAMBERS, V. H. The natural history of some Pamphilius species (Hym., Pamphiliidae). Soc. Brit. Ent. Trans. 11:125-140. July 16,1952. 420 So15

94018 CHUGUNOV, I. E. On the control of the apple seed chalcid [Callimome druparum]. (In Russian.) Sad i Ogorod 2:79-80. Feb.1952. 80 Sa13

94019 DAVIDSON, W. S. Argentine ants [Iridomyrmex humilis]. West. Austral. Comnr. Pub. Health. Rpt. 1950:90-91. 1952. 449.75 W523

94020 DOUTT, R. L. The teratoid larva of polyembryonic Encyrtidae (Hymenoptera). Canad. Ent. 84:247-250. Aug.1952. 421 C16

94021 FLOWER, C. E. Argentine ants [Iridomyrmex humilis]. West. Austral. Comnr. Pub. Health Rpt. 1950: 92-94. 1952. 449.75 W523

94022 FRANKLIN, W. W. Factors in the pollination of legumes by wild bees. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:82-83. 1952. 422.12 N81
Includes discussion.

94023 GERHARDT, P. D. Sprays for Argentine ant control. Calif. Citrog. 37:448-449. Sept.1952. 80 C125
Iridomyrnex humilis.

94024 GOIDANICH, A. A lance for the ants. (In Italian.) Gior. di Agr. 62:253. Aug.24,1952. 16 It1G
Habits and behavior.

94025 HINCKS, W. D. A new "fairy fly" [Lymaenon fossarum] from Spurn Peninsula (Hym. Mymaridae). Soc. Brit. Ent. J. 4:64-66. May 16,1952. 420 En85J

94026 HIRSCHFELDER, H. Zur bekämpfung des bienenwolfes (Philanthus triangulum F.). Anz. f. Schädlingsk. 25:122-123. Aug.1952. 421 An9

94027 KROMBEIN, K. V. Preliminary annotated list of the wasps of Lost River State Park, West Virginia, with descriptions of new species and biological notes (Hymenoptera, Aculeata). Ent. Soc. Wash. Proc. 54:175-184. Aug.1952. 420 W27
New species in Spilomena and Crossocerus.

94028 KROMBEIN, K. V. Preliminary annotated list of the wasps of Westmoreland State Park, Virginia, with notes on the genus Thaumatodryinus (Hymenoptera: Aculeata). Amer. Ent. Soc. Trans. 78:89-100. June 1952. 420 P53

94029 MCLEOD, J. H. Notes on the population and parasitism of the larch sawfly, Pristiphora erichsonii (Htg.) (Hymenoptera: Tenthredinidae), in British Columbia. Ent. Soc. Brit. Columbia. Proc. 48:81-85. Aug.15, 1952. 420 B77

94030 MARIANI, M. On a small Hymenoptera Aculeata which stings man: Scleroderma domesticum Latr. (Hymenoptera, Bethylidae). (In Italian.) Riv. di Parassitol. 13:189-191. Apr.1952. 436.8 R52

94031 MEYER, G. F. Zur histopathologie einiger ameisen bei parasitenbefall. Z. f. Parasitenk. 15:308-Ref. 1952. 442.8 Z33F

94032 MONTGOMERY, B. E. Effectiveness of bumble bees as pollinators. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:83-84. 1952. 422.12 N81
Bombus species.

94033 OLBERG, G. Die schmarotzerwespe Ceropales maculatus. Urania 15(6,sup.),8 p. June 1952. 474 Ur1

94034 PLUMB, G. H. Birch leaf miner (Fenusa pusilla). Tree Pest L. 56,rev.,3 p. Apr.1952. 423.9 M33

94035 RAO, S. A. R. A new record of a hymenopterous parasite, Aprostocetus sp. Cur. Sci. 21:194-195. July 1952. 475 Sci23
On Argyria sticticraspis.

94036 SCHUSTER, R. M. Notes on neotropical Mutillidae. IV. Synonymy and distribution of Hoplocrates, with descriptions of new forms (Hymenoptera). Ent. Soc. Wash. Proc. 54:169-174. Aug.1952. 420 W27

94037 SMIRNOFF, W. Aspidiotiphagus lounsburyi Berl. et Paoli (Chalcidoidea, Aphelinidae) parasite de certaines espèces de Diaspidoidae (Homopt.) au Maroc. Rev. de Path. Vég. et d'Ent. Agr. de France 31:63-69. Ref. Jan./Mar.1952. 464.9 So1

94038 TAKADA, N. Studies on the correlation between the emergence of injurious insects and the micrometeorological conditions of radish field, with special reference to the cabbage sawfly (Athalia colibri japonensis Rohwer). (In Japanese.) Oyo-Kontyu 7:105-110. Dec.1951. 421 Oy6
English summary.

94039 TIMBERLAKE, P. H. New records of Perdita from the eastern United States (Hymenoptera, Apoidea). Ent. Soc. Wash. Proc. 54:199-204. Aug.1952. 420 W27
Includes new species.

94040 U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Cicada-killer wasp. Washington,1952. 1 p. 1.967 A2C48
Sphecius speciosus.

94041 WALKLEY, L. M. An unusual Aulacine [Aulacus aneurus] from New Mexico (Hymenoptera—Gasteruptiidae). Ent. Soc. Wash. Proc. 54:185-186. Aug.1952. 420 W27

94042 WALRECHT, B. J. J. F. The building instinct of the social wasps. VIII. (In Dutch.) Levende Nat. 55: 134-138. July 1952. 410 L57
Vespa germanica.

94043 WHEELER, G. C., and WHEELER, J. The ant larvae of the myrmicine tribe Crematogastrini. Wash. Acad. Sci. J. 42:248-262. Ref. Aug.1952. 500 W276J
Crematogaster species.

94044 WIERING, H. Two bees, new for the Netherlands fauna. (In Dutch.) Ent. Ber. 14:125. Aug.1,1952. 420 N38B
Andrena strohmella and Prosopis bisinuata.

See also Apiculture and Apis mellifera.

LEPIDOPTERA

94045 ALBERTI, B. Freiland- und zuchtbeobachtungen an Arctia hebe L. (Lep. Arctiidae). Ent. Z. 61: 123-126. (Cont.) Nov.15,1951. 421 En85

94046 AMSEL, H. G. Two new Micro-lepidoptera from Malta. Entomologist 85:172-174. Aug.1952. 421 En8
In Oegoconia and Apatema.

94047 ANGUS, T. A. The aerobic bacteria associated with the eastern hemlock looper Lambdina fiscellaria (Gn.) Canad. J. Zool. 30:208-212. Aug.1952. 470 C16D

94048 ARMITAGE, J. A rare British butterfly. Country Life [London] 112:475. Aug.15,1952. 80 C83
Maculinea arion.

94049 BECK, E. G. A comparison of two stem galls on Solidago induced by the larvae of two different lepidopterous insects. (Abs.) Tenn. Acad. Sci. J. 27:200. July 1952. 500 T25A
Gnorimoschema gallaesolidaginis and Eucosma scudderiana.

94050 BECK, E. W., and others. Status of research on control of other corn insect pests. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:54-56. 1952. 422.12 N81
W. G. Bradley, D. A. Wilbur, and G. C. Decker, joint authors.
Pyrausta nubilalis, Diatraea grandiosella and Blissus leucopterus.

94051 BENJAMIN, D. M. The jack-pine budworm, a menace to Michigan jack pine [Pinus banksiana]. U. S. Forest Serv. Lake States Forest Expt. Sta. Tech. Notes 376,1 p. July 1952. 1.9 F7625T
A biological variety of Choristoneura fumiferana.

94052 BENTINCK, G. A. New and rare Lepidoptera in 1950. (In Dutch.) Tijdschr. v. Ent. 95:XXII-XXIV. 1952. 421 T21

94053 BLANCHARD, R. A. Results of recent corn earworm [Heliothis armigera] research. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:64-66. 1952. 422.12 N81

94054 BÖHM, H. Die apfelbaumgespinstmotte [Hyponomeuta padella malinella]. Bundesanst f. Pflanzenschutz. Flugbl. 83,1 p. 1952. 464.9 V672F

94055 BOWDEN, S. R. Pupal colour and diapause in Pieris napi L. Entomologist 85:175-178. Aug.1952. 421 En8

94056 BOX, H. E. Campaign against the sugarcane borer [Diatraea saccharalis] in Tropical America. (In Portuguese.) Fazenda 47(8):38-39. Aug.1952. 6 H11P
Biological control.

94057 BOX, H. E. Observations on the sugar-cane moth borer, Diatraea saccharalis (Fabr.) in Peru. Internatl. Soc. Sugar Cane Technol. Proc. 7:328-343. Ref. 1950,pub.1951. 65.9 In84

94058 BRADLEY, W. G. The European corn borer [Pyrausta nubilalis]. U. S. D. A. Ybk. 1952:614-621. 1 Ag84Y

94059 BRAUNS, A. Auftreten der tannennadelmotte [Argyresthia fundella] in Norddeutschland. Holz-Zentbl. 78:1187-1188. July 12,1952. 99.81 H742

94060 BROWN, R. C. The spruce budworm [Choristoneura fumiferana]. U. S. D. A. Ybk. 1952:683-688. 1 Ag84Y

94061 BUTLER, E. What we know about the pink bollworm [Pectinophora gossypiella]. Prog. Farmer, Tex. Ed. 67(9):18,34A-34C. Sept.1952. 6 T311

94062 CAMPBELL, I. J. Pink bollworm [Pectinophora gossypiella] major loss factor. Cotton Gin & Oil Mill Press 53(18):9-10. Aug.30,1952. 304.8 C822

94063 CHERMOCK, R. L. The use of bait to attract butterflies. Lepidopterists' News 6:32-33. Aug.8,1952. 421 L554

94064 CHIARELLI DE GAHAN, A. El género Ariathisa y su representante en la Argentina. Mus. Argentino de Cien. Nat. "Bernardino Rivadavia." Comun. Cien. Zool. 2:47-53. 1951. 410.9 B862C

94065 CIFERRI, R. Infestations of Agrotidae [i.e. Phalaenidae] and experiences of the past. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:266-267. July 1952. 16 C72

94066 COOKE, R. J. Battle of the budworm [Choristoneura fumiferana]. Forest & Outdoors 48(9):14-15,26. Sept.1952. 99.8 C16
Spraying by aircraft in Canada.

94067 CORLISS, J. M. The gypsy moth [Porthetria dispar]. U. S. D. A. Ybk. 1952:694-698. 1 Ag84Y
Control.

94068 CORY, E. N., DITMAN, L. P., and LLOYD, G. W. Studies on the European corn borer [Pyrausta nubilalis] corn earworm [Heliothis armigera] and fall armyworm [Laphygma frugiperda] on sweet corn. Md. Agr. Expt. Sta. B. A71,20 p. Ref. n.d. 100 M36S

94069 COUTIN, R. Alimentation des larves de Laspeyresia pomonella L. (Lépidoptère Tortricidae) sur milieux artificfels. Soc. de Biol. Compt. Rend. 146:516-520. Apr.1952. 442.9 P21

94070 CURL, L. F., and WHITE, R. W. The pink bollworm [Pectinophora gossypiella]. U. S. D. A. Ybk. 1952:505-511. 1 Ag84Y

94071 DARTEVELLE, E. Sur un Hespéride des environs de Léopoldville et remarques sur la valeur alimentaire des chenilles de Lépidoptères. Lambillionea 51:12-16,18-22. Jan.25/Feb.25,-Mar.25/Apr.25,1951. 420 N15
Coeliades libeon.

94072 DIAKONOFF, A. Viviparity in Lepidoptera. (Preliminary.) (In Dutch.) Tijdschr. v. Ent. 95:XXIX-XXXIII. 1952. 421 T21

94073 DICKER, G. H. L., and BRIGGS, J. B. A note on the small ermine moth, Yponomeuta [i.e. Hyponomeuta] padella malinella Zell. East Malling Res. Sta. Annu. Rpt. 39:172-173. 1951,pub.1952. 103 Ea7

94074 DICKER, G. H. L., and BRIGGS, J. B. Results of some experiments to control winter moth [Operophtera brumata] and tortricid larvae on apple. East Malling Res. Sta. Annu. Rpt. 39:169-171. 1951,pub.1952. 103 Ea7

94075 ÉDEL'MAN, N. M. Effect of feeding conditions on the physiological condition of the gypsy moth [Porthetria dispar] and poplar leaf-eaters [Melasoma populi and M. tremula]. (In Russian.) Akad. Nauk SSSR. Dok. 84:849-852. June 1,1952. 511 P444A

94076 EHRLICH, P. R. The distribution and subspeciation of Erebia rossii Curtis (Lepidoptera: Satyridae). Amer. Ent. Soc. Trans. 78:75-88. Ref. June 1952. 420 P53

94077 EWING, K. P. The bollworm [Heliothis armigera]. U. S. D. A. Ybk. 1952:511-514. Ref. 1 Ag84Y

94078 FAGER, E. W. Migration notes from Mexico. Lepidopterists' News 6:44. Aug.8,1952. 421 L554

94079 FERNANDEZ YEPEZ, F., and SALAS F., L. A. Nota sobre el algodoncillo de sabana (Hibiscus sulphureus H. B. K.) como planta hospedadora del gusano de la hoja del algodonero "Alabama argillacea" (Hübner,1823) Acta Cient. Venezol. 3:11-12. Ref. Jan./Feb.1952. 475 Ac83

94080 FITZE, K. Laspeyresia strobilella L. (In Serbo-Croatian.) Bosnia & Herzegovina. Inst. za Naučna Sumarska Istrazivanja. P. 1,16 p. 1951. 99.9 B65P
French and German summaries.

94081 FRANCLEMONT, J. G. Proposed use of the plenary powers to validate as subgeneric names as from Linneaus, 1758, certain terms published for groups of species within the genus "Phalaena" Linnaeus, 1758 (class Insecta, order Lepidoptera) (application submitted in response to the invitation given in "opinion" 124). B. Zool. Nomencl. 6:304-312. Aug.29,1952. 410 B874

94082 GEILER, H. Buntes falterleben. Orion 7:514-518. July 1952. 474 Or4

94083 GERHARDT, P. D., LINDGREN, D. L., and SINCLAIR, W. B. Fumigation of walnuts; southern California packing house tests show control of navel orangeworm [Myelois venipars] and Mediterranean flour moth [Ephestia kuhniella] larvae. Calif. Agr. [Calif. Sta.] 6(7): 5,14. July 1952. 100 C12Cag

94084 GRABE, A. Planmässiges sammeln von Microlepidopteren. Ent. Z. 61:127. (Concl.) Ent. Z. 61: 127. Nov.15,1951. 421 En85

94085 GRANDORI, R. Basis for logical control of the Pyralidae of corn. (In Italian.) B. di Zool. Agr. e Bachicolt. 18:11-20. 1952. 423.92 B63
Pyrausta nubilalis.

94086 GRAY, L. P., KLOTS, A. B., and DOS PASSOS, C. F. The "niobe/cydippe/adippe" problem (class Insecta, order Lepidoptera, family Nymphalidae) with suggestions for its solution. B. Zool. Nomencl. 6:323-325. Aug.29,1952. 410 B874

94087 GROVES, J. R. A preliminary account of the summer fruit tortricid, Adoxophyes orana (F.R.), in Great Britain. East Malling Res. Sta. Sta. Annu. Rpt. 39: 152-154. 1951,pub.1952. 103 Ea7

94088 GROVES, J. R. Supplementary measures for the control of codling moth, Cydia pomonella (L.). East Malling Res. Sta. Annu. Rpt. 39:174-178. 1951,pub.1952. 103 Ea7

94089 HAYASHI, K. Nippon chorui kaisetsu (Japanese butterflies illustrated). Tokyo,Nisshin Shoin,1951. 210 p. 430 H32

94090 HEMMING, F., RILEY, N. D., and VERITY, R. Proposed use of the plenary powers to determine the trivial name to be applied to the species of the genus "Fabriciana" Reuss, 1920 (class Insecta, order Lepidoptera) known in England as the "high brown fritillary" and formerly known by the scientific name "Argynnis adippe" (Linnaeus, 1767). B. Zool. Nomencl. 6:325-336. Aug.29, 1952. 410 B874

94091 HESSEL, S. A. A new altitudinal high for Erora laeta. Lepidopterists' News 6:34. Aug.8,1952. 421 L554

94092 HINTON, H. E. The structure of the larval prolegs of the Lepidoptera and their value in the classification of the major groups. Lepidopterists' News 6:1-6. Ref. Aug.8,1952. 421 L554

94093 HIROSE, K. Studies on the emergence and damage of rice stem borer (Chilo simplex Butler) in a field.1.(In Japanese.) Oyo-Kontyu 7:97-104. Dec.1951. 421 Oy6
English summary.

94094 HOPKINS, G. H. E. Eumenis semele thyone and Eumenis semele ab. thyone. Entomologist 85:171. Aug.1952. 421 En8

94095 HÖRHAMMER, C. Cidaria varonaria Vorbr. und Müller-Rutz. Ent. Z. 61:121-123. Nov.15,1951. 421 En85

94096 HOUTMAN, G. Lyonetia clerkella L., a pest of the fruit tree leaf. (In Dutch.) Fruitteelt 42:541-543. July 10,1952. 86 N28

94097 HUGGINS, H. C. Two noctuid aberrations. Entomologist 85:185. Aug.1952. 421 En8
In Anepia and Polychrisia.

94098 IIZIMA, K., and NAKATA, M. Note on the distribution of fall web-worm [Hyphantria cunea] in Japan, 1951. (In Japanese.) Oyo-Kontyu 7:134. Dec. 1951. 421 Oy6

94099 IL'INSKIĬ, A. I. Scraper for collecting egg masses of gypsy moth [Porthetria dispar]. (In Russian.) Lesn. Khoz. 4(12):77-78. Dec.1951. 99.8 L5622

94100 INGRAM, J. W., and others. Biological control of the sugar-cane borer [Diatraea saccharalis] in continental United States. Internatl. Soc. Sugar Cane Technol. Proc. 7:354-360. 1950,pub.1951. 65.9 In84
R. Mathes, J. W. Wilson, and N. C. Hayslip, joint authors.

94101 INGRAM, J. W., and others. Insecticidal control of th e sugar-cane borer [Diatraea saccharalis] in Louisiana. Internatl. Soc. Sugar Cane Technol. Proc. 7:360-373. 1950,pub.1951. 65.9 In84
E. K. Bynum, W. E. Haley, and L. J. Charpentier, joint authors.

94102 JACOBSON, L. A. Effects of starvation on larvae of the pale western cutworm, Agrotis orthogonia Morr. (Lepidoptera: Phalaenidae). Canad. J. Zool. 30: 194-200. Aug.1952. 470 Ç16D

94103 JENKINS, L. Is there evidence of codling moth [Carpocapsa pomonella] resistance to DDT. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:29. 1952. 422.12 N81

94104 KANEKO, T., and FUKAZAWA, N. Rice stem borer (Chilo simplex Butler) developed by feeding barley. (In Japanese.) Oyo-Kontyu 7:182. Mar.1952. 421 Oy6

94105 KARPIŃSKI, J. J. Results of investigating the egg viability of Lymantria monacha. (In Polish.) Sylwan 96:174-175. Apr./June 1952. 99.8 Sy52
Russian summary.

94106 KILFOIL, W. P. Operation budworm [Choristoneura fumiferana]. Family Herald & Wk. Star 83(34):3, 11. Aug.21,1952. 7 F21
Aerial spraying of Canadian forests.

94107 KIRIAKOFF, S. G. Les organes tympaniques des Lépidoptères comme caractère systématique et phylogénétique. Lepidopterists' News 6:7-12. Aug.8,1952. 421 L554
English summary.
Includes discussion.

94108 LÜBKE, A. Der goldafter [Nygmia phaeorrhoea] auf den Nordsee-Inseln. Z. f. Pflanzenkrank. (Pflanzenpath) u. Pflanzenschutz 59:221-223. 1952. 464.8 Z3
On Hippophaë rhamnoides.

94109 MCEWEN, F. L. Evidence of resistant cabbageworms in Wisconsin. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:64. 1952. 422.12 N81
Pieris rapae resistant to DDT.

94110 MACKAY, M. R. A new species of Sparaganothis allied to S. pettitana (Rob.), with descriptions of larvae and adults of both species (Lepidoptera: Tortricidae). Canad. Ent. 84:233-242. Aug.1952. 421 C16
Sparganothis acerivorana n. sp.

94111 MAGALHÃES, M. R. P. D. DE. Protection of wool. (In Portuguese.) Lanificios 2:208-220,240-244; 3:8-13. Aug./Oct.-Nov.1951,Jan./Feb.1952. 45.8 L26
From moths and carpet beetles, and from mildew.

94112 MATHES, R., and others. The use of resistant varieties of sugar cane in the control of the sugar-cane borer [Diatraea saccharalis]. Internatl. Soc. Sugar Cane Technol. Proc. 7:168-177. 1950,pub.1951. 65.9 In84
N. C. Hayslip, E. K. Bynum, C. O. Grassl, and T. Bregger, joint authors.
Includes discussion.

94113 MATSUZAWA, H., and OKAMOTO, H. On the egg laying and the inhabiting type of Pieris rapae Linné in the field. (Ecological investigation on some insects injurious to vegetables. 1/2). (In Japanese.) Oyo-Kontyu 7:111-116. Dec.1951. 421 Oy6
English summary.

94114 MORAVSKAÍA, A. S. Parocneria detrita as a mass pest of oak. (In Russian.) Zool. Zhur. 31:367-371. Ref. May/June 1952. 410 R92

94115 MUSPRATT, V. M. Demande de renseignements sur Vanessa cardui en France, en février et mars 1952. Entomologiste 8:45. 1952. 421 En814

94116 NABOKOV, V. The female of Lycaeides argyrognomon sublivens. Lepidopterists' News 6:35-36. Aug.8,1952. 421 L554

94117 NABOKOV, V. On some inaccuracies in Klots' Field guide. Lepidopterists' News 6:41. Aug.8,1952. 421 L554

94118 NEISWANDER, C. R. Fluctuations in corn borer population levels. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:58-61. 1952. 422.12 N81
Pyrausta nubilalis in Ohio.

94119 OSMUN, J. V. Trends in modern insecticide practices for the control of clothes moths and carpet beetles in the home. Amer. Assoc. Econ. Ent. No. Cent. States Br. Proc. 7:68-69. 1952. 422.12 N81
Includes moth-proofing.

94120 PACLT, J. Proposed use of the plenary powers to designate a type species for "Sphinx" Linnaeus, 1758 (class Insecta, order Lepidoptera) in harmony with accustomed usage. B. Zool. Nomencl. 6: 291. Aug.29,1952. 410 B874

94121 PACLT, J. Proposed use of the plenary powers to designate for "Bombyx" Fabricius, 1775 (class Insecta, order Lepidoptera) a type species in harmony with current nomenclatorial usage. B. Zool. Nomencl. 6:313-314. Aug.29,1952. 410 B874

94122 PACLT, J. Proposed use of the plenary powers to designate for "Pyralis" Fabricius, 1775 (class Insecta, order Lepidoptera) a type species in harmony with current nomenclatorial usage. B. Zool. Nomencl. 6:314-315. Aug.29,1952. 410 B874

94123 PACLT, J. Proposed use of the plenary powers to vary the type species of "Episema" Ochsenheimer, 1816, thereby maintaining "Diloba" Boisduval, 1840, for use in its accustomed sense (class Insecta, order Lepidoptera). B. Zool. Nomencl. 6:315-317. Aug.29,1952. 410 B874

94124 PEREGONCHENKO, B. M. News in the control of the fig pyralid. (In Russian.) Sad i Ogorod 1:51-52. Jan.1952. 80 Sa13

94125 PINHEY, E. C. G. Notes on Odonata and Lepidoptera made on a collecting trip in Uganda with descriptions of two new Arctiidae (Lep.) from Tanganyika and Kenya. Ent. Mon. Mag. 88:169-176. Aug.1952. 421 En86
New species in Onychogomphus, Soloë and Rhodogastria.

94126 POOTJES, J. R. Guide to field investigation and control of the Artona pest. (In Dutch.) Landbouw [Bogor] 23:563-586. Oct./Dec.1951. 22.5 L23
On coconuts.

94127 PSCHORNWALCHER, H. Vor der 2. generation des weissen bärenspinners (Hyphantria cunea). Pflanzenarzt 5(8):1-2. Aug.1,1952. 464.9 P482

94128 RINDGE, F. H. A revision of the geometrid genus Exelis (Lepidoptera). Amer. Mus. Novitates 1582, 17 p. Aug.1,1952. 500 N483N
Includes new species.

94129 ROEPKE, W. K. J. On the Cossidae of Indonesia. (In Dutch.) Tijdschr. v. Ent. 95:XIX. 1952. 421 T21

94130 ROMANOVA, V. P. In regard to leaf rollers (fam. Tortricidae) of steppe forest plantations. (In Russian.) Zool. Zhur. 31:361-366. Ref. May/June 1952. 410 R92

94131 RUI, D. Tour of the plant pathology horizon. (In Italian.) Informatore Agr. 8(16):6. (Cont.) July 31, 1952. 281.8 In32
Hyphantria cunea, Noctuidae, and pear leaf browning and drying.

94132 RUITER, L. DE. On hawkmoths with or without eye spots. (In Dutch.) Levende Nat. 55:121-126. July 1952. 410 L57
Sphinx ocellata, Amorpha populi and Mimas tiliae.

94133 RYVKIN, B. V. Parasites of Dendrolimus pini in Eastern Polesye. (In Russian.) Akad. Nauk SSSR. Dok. 84:853-856. June 1,1952. 511 P444A

94134 SAVZDARG, E. E. Experiment in combating the gooseberry Pyralidae. (In Russian.) Sad i Ogorod 5: 23-28. May 1952. 80 Sa13

94135 SCHWENKE, W. Untersuchungen zum massenwechsel der kiefernspanner Bupalus piniarius L. und Semiothisa liturata Cl. auf vergleichend-biozönotischer grundlage. Beitr. z. Ent. 2:1-55. Ref. May 1952. 421 B392

94136 SCOTT, G. Cacoecia aeriferana Herrich-Schäffer in England. Entomologist 85:170. Aug.1952. 421 En8
New geographical record.

94137 SHAROV, A. G. Relation of morpho-functional condition of Exaereta ulmi caterpillars to the type of forest plantings in the South-East of Ukrainian SSR. (In Russian.) Akad. Nauk SSSR. Dok. 84:805-808. Ref. June 1,1952. 511 P444A

94138 SOURES, B. Contribution à l'étude des Lépidoptères de la Tunisie famille Axiidae, (Cimeliidae). Soc. des Sci. Nat. de Tunisie. B. 4:30-41. 1951. 515 So14

94139 STEFANOVIĆ, Č. Protection of plants from the garden moth. (In Serbo-Croatian.) Pčelar 50:44-45. Mar./Apr.1952. 424.8 P296

94140 STELLWAAG, F. Erfolge und misserfolge in der schädlingsbekämpfung. Deut. Weinbau 7:203-204. May 5,1952. 390.8 W432
Clysia ambiguella (?).

94141 TEMPLIN, E. Auftreten des eichenprozessionsspinners und vorschläge zu seiner bekämpfung. Wald 2:124-126. Apr.1952. 99.8 W143
Thaumetopoea processionea.

94142 TUCKER, W. E. A twenty-year record of the biological control of one sugar-cane pest [Diatraea saccharalis]. Internatl. Soc. Sugar Cane Technol. Proc. 7:343-354. 1950,pub.1951. 65.9 In84
In Barbados, British West Indies.

94143 TUNBLAD, B. The rowan tree moth [Argyresthia conjugella] and some of its helpers. (In Swedish.) Sveriges Pomol. För. Fruktodlaren 3:66-68. 1952. 86 Sv2F
On apples.

94144 VÁZQUEZ G., L. Observaciones sobre Pieridos mexicanos con descripciones de algunas formas nuevas. III. Mex. Inst. de Biol. An. 22:533-555. Ref. 1951. 442.9 M57

94145 WADDELL, D. B. Biology and control of the cherry casebearer, Coleophora pruniella Clemens, in British Columbia. Ent. Soc. Brit. Columbia. Proc. 48:85-89. Ref. Aug.15,1952. 420 B77

94146 WALSH, G. B. The present status of the butterfly population of the Scarborough district. Ent. Mon. Mag. 88:185-189. Aug.1952. 421 En86

94147 WESTERNENG, R. Five years of butterfly collecting in the P.W.N. area. (In Dutch.) Ent. Ber. 14: 103-109,116-122. July 1-Aug.1,1952. 420 N38B

94148 WILD, H. Mehrfache kopula eines Saturnia pavonia ♂. Ent. Z. 61:128. Nov.15,1951. 421 En85

94149 WISSELINGH, T. H. VAN. Observations on Macrolepidoptera in 1950. (In Dutch.) Tijdschr. v. Ent. 95:XXXVI-XXXVIII. 1952. 421 T21

94150 WOHLFAHRT, T. A. Über den wert wenig beachteter merkmale für die klassifikation der schmetterlinge. Lepidopterists' News 6:13-27. Aug.8,1952. 421 L554
English summary.

94151 WOODS, G. F. Moths on the mountain. Field 200:337. Aug.30,1952. 10 F45

See also Sericulture and the Silkworm.

ORTHOPTERA

94152 BALAMIR, S.; and BELLIK, S. Report on Moroccan locusts sent to Turkey in 1951 for study. (In Turkish.) Bitki Koruma B. 2:29-41. 1952. 464.8 B54

94153 BERRY, P. A., and CALDERON, R. Observaciones sobre la biología y ecología del chacuatete [Idiarthron subquadratum] y métodos recomendados para su control. Cent. Nac. de Agron. C. Agr. 54,11 p. Feb.1952. 8 Sa54C

94154 BURTT, E. T., and CATTON, W. T. Nerve impulses originating from the compound eye of the locust [Locusta migratoria]. Nature [London] 170:285. Aug.16,1952. 472 N21

94155 ERKILIC, S., and TEOMAN, N. Experiments with some synthetic insecticides against migratory locust (Locusta migratoria ph. danica L.) in southeastern Turkey. (In Turkish.) Bitki Koruma B. 2:50-56. 1952. 464.8 B54
English summary.

94156 FERNANDO, E. F. W. On the male reproductive system of Tridactylus ceylonicus Fernando. Ceylon J. Sci. Sect. B: Zool. 25:7-9. Ref. May 31,1952. 410 C33

94157 FRAZER, W. R. Stridulation by a female Chorthippus (Stauroderus) (Acrididae): Soc. Brit. Ent. J. 4:84. July 16,1952. 420 En85J

94158 GAULDEN, M. E., NIX, M., and DARDEN, E. B., JR. Effects of beta rays and X rays on mitotic rate of living grasshopper neuroblasts. (Abs.) Tenn. Acad. Sci. J. 27:211. July 1952. 500 T25A

94159 GAULDEN, M. E., LOEMKER, K., and DARDEN, E. B., JR. Fragmentation of chromosomes in grasshopper neuroblasts by beta rays and X rays. (Abs.) Tenn. Acad. Sci. J. 27:211. July 1952. 500 T25A

94160 GRASSÉ, P. P. Rôle des flagellés symbiotiques chez les blattes et les termites. Tijdschr. v. Ent. 95:70-80. Ref. 1952. 421 T21

94161 GUHA, A., DE, M. L. and RAY-CHAUDHURI, S. P. Electron microscopic study of grasshopper chromosomes. Nature [London] 170:360-361. Aug.30,1952. 472 N21

94162 HOLLANDE, A. L'évolution des flagellés symbiotiques, hôtes du Cryptocercus et des termites inférieurs. Tijdschr. v. Ent. 95:81-110. 1952. 421 T21

94163 KEVAN, D. K. M. Platycleis occidentalis Zeuner (Orthoptera, Tettigoniidae) a correction. Soc. Brit. Ent. J. 4:70. May 16,1952. 420 En85J
Name should be Platycleis denticulata.

94164 KROGH, A., and WEIS-FOGH, T. A roundabout for studying sustained flight of locusts. J. Expt. Biol. 29: 211-219. June 1952. 442.8 B77

94165 KRZANOWSKI, A. The number of segments forming the head of the cockroach (Periplaneta orientalis L.) Akad. Umiej. Wydz. Mat.-Przyrodniczy. Compt. Rend. 3/4:26. Mar./Apr.1951. 512 K85C

94166 LANDA, L. Chilincoco. Comt. Nac. de Café B. 5:619-620. Oct./Dec.1951. 68.29 C732
Idiarthron subquadratum.

94167 LOCKAU, S., and LÜDICKE, M. Die darstellung von radioaktivem P-O, O-diäthyl-O, p-nitrophenylmonothiophosphat, seine aufnahme und weiterleitung im insektenkörper. Z. f. Natforsch. 7b:389-397. July 1952. 474 Z3
Periplaneta americana.

94168 NIJENHUIS, E. D., and DRESDEN, D. A micromorphological study on the sensory supply of the mesothoracic leg of the American cockroach, Periplaneta americana. Nederland. Akad. Van Wetensch. Proc. Ser. C. Biol. & Med. Sci. 55:300-310. Ref. 1952. 442.9 Am8

94169 ORTIZ, E. Los cariotipos de Gryllotalpa gryllotalpa (L.) de la Peninsual Ibérica. Soc. Españ.de Hist. Nat. B. Secc. Biol. 49:153-158. Ref. 1951. 442.9 So18
English summary.

94170 PARKER, J. R. Grasshoppers. U. S. D. A. Ybk. 1952:595-605. 1 Ag84Y
Chiefly control tests.

94171 PATEL, G. A., and HADLI, S. N. Efficacy of certain new organic insecticides on nymphs of desert locust [Schistocerca gregaria.] Sci. & Cult. 18:42-43. July 1952. 475 Sci24

94172 REHN, J. A. G. Two new melanoploid genera (Orthoptera: Acrididae: Cyrtacanthacridinae) from the western United States. Amer. Ent. Soc. Trans. 78:101-115. June 1952. 420 P53
Nisqualtia and Hebardacris.

94173 SCHELL, S. C. Tissue reactions of Blatella germanica L. to the developing larva of Physaloptera hispida Schell, 1950 (Nematoda: Spiruroidea). Amer. Micros. Soc. Trans. 71:293-302. Ref. July 1952. 440.9 Am33

94174 SEVERIN, H. C. Chemical control of grasshoppers. S. Dak. Farm & Home Res. [S. Dak. Sta.] 3: 83-85. Summer 1952. 100 So82S

94175 SWAIN, R. B., and MORALES AGACINO, E. The coffee cricket in Nicaragua. (In Portuguese.) Fazenda 47(8):56-57. Aug.1952. 6 H11P
Idiarthron atrispinum.

94176 TETEFORT, J. Collaboration de l'aviation dans la lutte contre les acridiens migrateurs [Locusta migratoria] dans le nord-ouest de Madagascar au cours de l'année 1951. Phytoma 5(38):12-15. May 1952. 464.8 P563

94177 UVAROV, B. P. Description of adult Schizodactylus inexspectatus (Werner) from Turkey (Orthoptera, Gryllacrididae). Ann. & Mag. Nat. Hist. (ser.12)5:772-774. Aug.1952. 410 An77

94178 WAKELAND, C., and PARKER, J. R. The Mormon cricket [Anabrus simplex]. U. S. D. A. Ybk. 1952:605-608. 1 Ag84Y

SERICULTURE AND THE SILKWORM

94179 CRAVERI, R., and ROTA, P. Experimental research on the vulnerability of Nosema bombycis Naeg and on the embryo of the silkworm to heat. (In Italian.) B. di Zool. Agr. e Bachicolt. 18:35-59. Ref. 1952. 423.92 B63

94180 HENSE, U. Gewinnung und behandlung der seidenspinnerbrut [Bombyx mori]. Urania 15:224-228. June 1952. 474 Ur1

94181 SCHENK, A., and FRAISSE, R. Variations du diamètre des baves filables des principaux types français de cocons de Bombyx mori (L). Inst. Textile de France. B. 33:21-32. Ref. June 1952. 304.8 T3145
English summary.

94182 SUZUKI, C., and others. CO_2 concentration in the cavity of undried cocoon. 2. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:363-366. Nov.1951. 107.6 K995B
T. Karasawa, R. Kimura, and M. Motomura, joint authors.
English summary.
Bombyx mori.

94183 TARASEVICH, L. M. Forms of phosphorus and nitrogen in healthy and affected with yellow disease caterpillars of the mulberry silkworm (Bombyx mori). (In Russian.) Biokhimiia 17:282-287. Ref. May/June 1952. 385 B523

SMALLER ORDERS

94184 BERTRAND, H. Capture d'Acrophylax zerberus Brauer dans les Pyrénées espagnoles (Trich. Limnophilidae). Entomologiste 8:37-43. 1952. 421 En814

94185 ERNST, E. Vom "liebesspaziergang" der termiten. Leben u. Umwelt 8:257-259. Aug.1952. 410 L49

94186 FLESCHNER, C. A. Dustywings [Parasemidalis flaviceps] on citrus; these natural enemies of mites and scales may be helped by miticides but are killed by insecticides. Calif. Agr. [Calif. Sta.] 6(7): July 1952. 100 C12Cag

94187 GOSS, R. J. The early embryology of the book louse, Liposcelis divergens Badonnel (Psocoptera; Liposcelidae). J. Morph. 91:135-167. Ref. July 1952. 444.8 J826

94188 HECHT, O. Nota acerca de Selenothrips rubrocinctus Giard, plaga del cacaotero. Fitófilo 6(5):33-42. Ref. Mar./Apr.1952. 421 F55

94189 HOPKINS, G. H. E. Proposed use of the plenary powers to suppress the generic name "Trichopsylla" Kolenati, 1863 (class Insecta, order Siphonaptera) for the purposes of Article 25 but not for those of Article 34. B. Zool. Nomencl. 6:349-352. Aug.29,1952. 410 B874

94190 HOPKINS, G. H. E. Proposed use of the plenary powers to suppress two specific trivial names in the order Siphonaptera (class Insecta). B. Zool. Nomencl. 6:353-354. Aug.29,1952. 410 B874

94191 JULL, M. A. Lindane for lice. World's Poultry Sci. J. 8:173. July/Sept.1952. 47.8 W89

94192 KÉLER, S. V. Uber die wachstums-progression bei Pseudomenopon rowanae Kéler (Mallophaga). Beitr. z. Ent. 2:113-119. May 1952. 421 B392

94193 KIMMINS, D. E. New species of East African Neuroptera. Entomologist 85:186-190. Aug.1952. 421 En8
In Nimboa, Coniopteryx, and Hemerobius.

94194 LASH, J. W. A new species of Reticulitermes (Isoptera) from Jerusalem, Palestine. Amer. Mus. Novitates 1575,7 p. July 29,1952. 500 N483N

94195 LIEFTINCK, M. A. Description of a new species of Lestes from South Australia (Odon., Lestidae). Ent. Ber. 14:126-128. Aug.1,1952. 420 N38B

94196 LYONS, C. The European earwig [Forficula auricularia] and its control. U. S. Bur. Ent. & Plant Quar. EC-25,5 p.-folder. July 1952. 1.967 A2Ec1

94197 MOCHIZUKI, M. On the chemotropism of Onychiurus yagii Kinoshita to carbohydrates and other substances. (In Japanese.) Oyo-Kontyu 7:165-168. Mar.1952. 421 Oy6
English summary.

94198 MOCHIZUKI, M. On the study of Onychiurus yagii Miyoshii as a soy-bean pest. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:67-72. 107.6 K995B
English summary.

94199 RAMSAY, J. A. The excretion of sodium and potassium by the Malpighian tubules of Rhodnius. J. Expt. Biol. 29:110-126. Ref. Mar.1952. 442.8 B77

94200 ROSS, H. H., and SPENCER, G. J. A preliminary list of the Trichoptera of British Columbia. Ent. Soc. Columbia. Proc. 48:43-51. Aug.15,1952. 420 B77

94201 SANTOS, N. D. DOS. Redescription of Micrathyria hippolyte Ris, 1911 (Odonata: Libellulidae). (In Portuguese.) Dusenia 3:211-214. 1952. 410 D94

94202 SCHMID, F., and GUPPY, R. An annotated list of Trichoptera collected on southern Vancouver Island. Ent. Soc. Brit. Columbia. Proc. 48:41-42. Aug.15,1952. 420 B77

94203 SCHMID, F. Les genres Glyphotaelius Steph. et Nemotaulius Bks (Trichopt. Limnophil.). Soc. Vaud. des Sci. Nat. B. 65:213-244. 1952. 508 L37

94204 SMIT, F. G. A. M. Rothschildiana, a new genus of Siphonaptera (Fam. Hystrichopsyllidae, subfam. Neopsyllinae, tribe Neopsyllini). Entomologist 85:169-170. Aug.1952. 421 En8

94205 SYMMONS, S. Comparative anatomy of the Mallophagan head. Zool. Soc. London. Trans. 27:349-436. Ref. May 1952. 410.9 L84T

94206 TANAKA, T. Morphological and biological studies of thysanopterous insects on rice plants. (In Japanese.) Oyo-Kontyu 7:125-133. Ref. Dec.1951. 421 Oy6
English summary.

94207 THOMPSON, G. B. The parasites of British birds and mammals. XXIV. Sand martins' fleas. Ent. Mon. Mag. 88:177-179. Aug.1952. 421 En86

94208 VISIBELLI, U. Tests for control of Phloeothrips [oleae] in Arezzo. (In Italian.) Agr. Tosc. 7:262. Aug.1952. 16 Ag827

94209 WANGERMEZ, J. Les Aeschnoides de France. Entomologiste 8:1-11. 1952. 421 En814

94210 WALKER, E. M. The Lestes disjunctus and forcipatus complex (Odonata: Lestidae). Amer. Ent. Soc. Trans. 78:59-74. Ref. June 1952. 420 P53

94211 WEIDNER. Libelleneiablage an apfelbaumzweigen. Z. f. Pflanzenkrank. (Pflanzenpath) u. Pflanzenschutz 59:277-278. July/Aug.1952. 464.8 Z3
Lestes viridis.

94212 WEYER, F. Die künstliche infektion von kleiderläusen [Pediculus humanus humanus] und mehlkäferlarven [Tenebrio molitor] mit rickettsia conori (zeckenbissfieber). Acta Trop. 9:170-183. 1952. 475 Ac8
English summary.

94213 YASUTOMI, K. Studies on the insect-resistance to insecticides. I. Development of resistance of human body louse, Pediculus humanus corporis deGeer, to DDT and BHC. (In Japanese.) Botyu-Kagaku 17:41-44. Mar.1952. 421 B65
English summary.

AGRICULTURAL ENGINEERING

References on bee-keeping equipment and malaria control equipment are classified with Entomology; references on forestry equipment with Forestry; references on industrial equipment with Agricultural Products; and references on irrigation equipment and drainage equipment with Soils.

GENERAL AND MISCELLANEOUS

94214 ALBRECHT, C. F. Development and application of farm mechanics skills and judgments. Agr. Educ. Mag. 25:68-69. Sept.1952. 275.8 Ag8

94215 ARGENTI, G., and CAU, A. An ideal farm in the heart of the Appennines. (In Italian.) Agricoltura 1(7):30-36. July 1952. 16 Ag8226
Layout and buildings.

94216 BERNIER, R. Les etudes topographiques à l'Office du Niger. Etudes d'Outre-Mer 35:33-35. Jan./Feb.1952. 286.8 M35

94217 CHONCHOL, J. La escasez de caminos y de medios de transporte apropiados: factor limitante de nuestra produccion agraria. Rev. Forest. Chilena 1:87-89. Aug.1951. 99.8 R3292

94218 FERREYRA, L. G. Tambos rurales. Chacra 22(261):56-57,73. Aug.1952. 9 C34
Layouts.

94219 FM PROBLEM study report No. 5. Farm Mangt. 1(5):63-78. July/Aug.1952. 281.8 F2225
Farm fires and their control.

94220 GOWDER, M. T., SCHWAB, D. P., and GENTRY, G. Farm ponds. Tenn. Agr. Expt. Sta. P. 333, 28 p. Sept.1951. 275.29 T25

94221 INSTITUUT VOOR TUINBOUWTECHNIEK. Jaarverslag [Annual report of the Institute for Horticultural Engineering] 1951. Wageningen,1952. 50 p. 86 W123J

94222 OKLAHOMA. AGRICULTURAL AND MECHANICAL COLLEGE. EXTENSION DIV. Make your farm safe; work and play safely, think safety. Stillwater,1951. 6 p.-folder. 275.2 Ok4Mk

94223 PIEL-DESRUISSEAUX, J. Les transports à la ferme et l'organisation des bâtiments. Agrarpolit. Rev. 8:413-445. June/July 1952. 281.8 Ag824

94224 RIDDOLLS, A. W. Modern trends in agriculture. III. Engineering. Rur. Educ. B. 7:84-89. July 1952. 109 C162

94225 SCHILLING, E. Wie soll man landmaschineningenieur werden? Tech. f. Bauern u. Gärt. Ausg. A 4: 290-292. July 10,1952. 58.8 T223

94226 SCRANTON, C. J. The graduate engineer in farm equipment design. Agr. Engin. 33:545-547. Sept. 1952. 58.8 Ag83

94227 SCRUGGS, C. G. Home-grown fire protection. Prog. Farmer, Tex. Ed. 67(9):17,119. Sept.1952. 6 T311
Organization of rural fire departments in Texas.

94228 SMITMANS, F. In jede bäuerliche handelsgenossenschaft gehören gemeinschaftseinrichtungen. Deut. Agrartech. 2:175-177. June 1952. 58.8 D482

94229 STEVENS, J. G. R. Are manufacturers making full use of the N. I. A. E.? Agr. Mach. J. 6(9):34-35, 58. Sept.1952. 58.8 Ag86
National Institute of Agricultural Engineering.

94230 TONELLI, M. Estimo civile e rurale; ad uso dei giovani ingegneri [Urban and rural estimating; for the use of the young engineer]. Bologna,Patron,1951. 228 p. Ref. 290 T61

FARM MACHINES AND EQUIPMENT

94231 ANDREWS, O. N. Progress of cotton mechanization in Alabama. I. Cotton Gin & Oil Mill Press 53(19): 15-16. Sept.13,1952. 304.8 C822

94232 BAUM, C. H. Beef farm equipment need not be expensive. Shorthorn World 37(10):377,465. Aug.10, 1952. 43.8 Sh8

94233 BAUMGARTEN, O. Zur steigerung der arbeitsproduktivität und senkung der selbstkosten. Deut. Landwirt. 3:337-338. July 1952. 18 D4822
Mechanization.

94234 BERRILL, W. H. Land development by mechanisation. Power Farming Austral. & New Zeal. 61(7):45, 47,53. July 1952. 58.8 P87

94235 BROCKETT, G. F. Power farming—past, present and future. Power Farmer 9:93. Sept.1952. 58.8 P872
Scotland.

94236 CHMORA, N. A. Mechanized summer extraction of peat for fertilizer. (In Russian.) Sad i Ogorod 2:73-75. Feb.1952. 80 Sa13

94237 DREPIN, P. S. Complex mechanization of potato culture. (In Russian.) Sad i Ogorod 5:60-61. May 1952. 80 Sa13

94238 FOLTIN, E. Neue landmaschinen der VVB-LBH auf der landwirtschaftlichen ausstellung 1952 in Markkleeberg. Deut. Agraratech. 2:165-167 June 1952. 58.8 D482
Russian Zone.

94239 GIVEON, H., and GALILEE, M. The objects of mechanization in the plantations. (In Hebrew.) Hassadeh 32:381-382,431-433. May-June 1952. 26 H27

94240 GOWDER, M. T. Efficient use of farm machinery. Tenn. Agr. Expt. Sta. P. 335,20 p. Feb.1952. 275.29 T25

94241 HAARER, A. E. Mechanising the raw jute industry. Cordage World & Indus. Textiles 33(395): 21,23. Sept.1952. 73.8 C813

94242 HAASTERT, G. Der arbeitsaufwand bei der zwischenlagerung der zuckerrüben. Landtechnik 7:470-475. Aug.15,1952. 58.8 L235

94243 HIEKE, E. Die vorteile der genossenschaftlichen benutzung von geräten zur schädlingsbekämpfung. Deut. Landwirt. 3:377-379. July 1952. 18 D4822

94244 JEX, W. F. C. Recent developments of mechanization in South Africa. Internatl. Soc. Sugar Cane Technol. Proc. 7:321-325. 1950,pub.1951. 65.9 In84
Includes discussion.

94245 KOLOMIETS, A. A. Experiment in the use of mechanization in vegetable culture. (In Russian.) Sad i Ogorod 5:32-36. May 1952. 80 Sa13

94246 KOVALEV, A. A. Mechanization of work in a grape nursery. (In Russian.) Sad i Ogorod 2:35-39. Feb.1952. 80 Sa13

94247 LACOMBE, R. Le moteur peut-il aider davantage le viticulteur? Prog. Agr. et Vitic. 138:118-122. Aug.24/31,1952. 14 P94

94248 LADEIRA, J. S. Mechanization of agriculture. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1(2):4-6. Feb.1952. 9.2 M663

94249 LÄHNEMANN, R. Vielseitig verwendbare neuheiten. Landtechnik 7:431-432. July 31,1952. 58.8 L235
Equipment.

94250 LASSCHUIT, J. A. Observations on mechanization at Pusat Perkebunan Negara on East Sumatra. (In Dutch.) Bergcultures 21:274-277,279,281. July 16, 1952. 22.5 B45

94251 MITCHELL, R. A. Trends in farm equipment service. (Extr.) Canad. Farm Impl. 48(8):22,24,26. Aug. 1952. 58.8 C163

94252 MOISEEV, N. F. To increase the tempos of mechanization in potato, fruit and vegetable culture. (In Russian.) Sad i Ogorod 1:66-69. Jan.1952. 80 Sa13

94253 O'RIAIN, P. Mechanisation of beet production progresses. Beet Grower 6:113-114. July 1952. 66.8 B392
Ireland.

94254 PARTRIDGE, H. J. Look after your weighing machine. Farmer & Stock-Breeder 66(3278):51. Aug.19, 1952. 10 F228

94255 PAVILLON, F. La mécanisation des cultures à l'Office du Niger. Études d'Outre-Mer 35:39-43. Jan./Feb.1952. 286.8 M35

94256 PIKALEV, A. Mechanized extraction of peat for fertilizer. (In Russian.) Kolkhoz. Proizvodstvo 12 (5):52-53. May 1952. 281.8 K83

94257 RAMIAH, R. V. What is new in agricultural engineering. Indian Farming (n.s.)2(4):16-17. July 1952. 22 In282
Equipment.

94258 RANCK, E. W. From oxcart to tractor in El Salvador. Foreign Agr. 16:147. July/Aug.1952. 1.9 Ec7For

94259 RIEBE, K. Der einfluss der flurverhältnisse auf den einsatz landwirtschaftlicher grossmaschinen. Deut. Agrartech. 2:186-187. June 1952. 58.8 D482
Russian Zone of Germany.

94260 RIVEROS PASQUET, E. Industrialización agricola de la remolacha azucarera. Simiente 21:59-74. 1951. 9.3 Si4

94261 ROSENSTAND, T. Rodfrugtdyrkningens mekanisering. Rapport fra en studierejse i U. S. A. i 1950 [Mechanization of root crop culture. Report of a study trip to U. S. A. in 1951]. København,Udenrigsministerium, 1951. 18 p. (Teknisk Bistand under Marshallplanen) 64 R72

94262 SCHEWTSCHENKO, I. Das einbringen und aufhäufen von stroh zu strohschobern durch seilschleppen. Deut. Agrartech. 2:181-184. June 1952. 58.8 D482

94263 SCHULZ, F. Stetige und besonnene mechanisierung. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.46-47. 1951. 33.27 Sch34

94264 SENANAYAKE, W. Mechanised agriculture on a coconut estate. Ceylon Coconut Q. 3:21-26. Jan./Mar. 1952. 77.8 C33

94265 SORENSON, J. W. Mechanization of peanut production in Texas. Agr. Engin. 33:561-562. Sept.1952. 58.8 Ag83

94266 STEELE, J. N. H. Machinery distribution in Scotland. Power Farmer 9:92-93. Sept.1952. 58.8 P872

94267 STEFANELLI, G. Machines agricoles pour la montagne. (In Italian.) Italia Forest. e Mont. 7:128-134. May/June 1952. 99.8 It2
French summary.

94268 U. S. PRODUCTION AND MARKETING ADMIN. A portable mechanical lift for high-piling and breaking out high-piled boxes of apples, by E. W. Carlsen and J. F. Herrick, Jr. Washington,1952. 10 p. 1.956 M343P83

94269 VOĬTOV, P. I. Mechanization of principal tasks in growing vegetable crops. (In Russian.) Sad i Ogorod 1:56-61. Jan.1952. 80 Sa13

94270 WAYNE, J. E. Welfare and mechanisation in the Tropics. Caribbean Comn. Mon. Inform. B. 6:7-8, 10. Aug.1952. 280.9 C19

94271 WELLER, W. Zehn hektar und voll motorisiert. Landtechnik 7:421-422. July 31,1952. 58.8 L235

94272 YAMADA, S. The survey and studies on the mechanization of farming at Kisaki Village, Mizuma District, Fukuoka Prefecture. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:436-439. Nov.1951. 107.6 K995B
English summary.

Animal Husbandry Equipment

94273 BENTERUD, T. Rusty milk pails are one of the chief causes of defective consumer milk and also the cause of many butter defects. (In Norwegian.) Produsenten 20(7):3-4,6-7. July 1952. 11 P94

94274 GALPY, R. La traite mécanique. Rev. de l'Elevage 7:379,381. June/July 1952. 49 B462

94275 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Kann die melkmaschine der bäuerin helfen? Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 21, 15 p. Sept.1951? 18 G312V

94276 GERRIETS, E. Eine neuartige durchlauftränke. Tierzucht 6:284. Aug.1952. 49 T443
For poultry.

94277 HARTMAN, R. C. Mechanical feeders in laying houses. Pacific Poultryman 56(9):8,10,12,14. Sept. 1952. 47.8 P112

94278 HENRIQUES, E. Trouble with the milk hose. (In Danish.) Dansk Landbr. 71:388. Aug.7,1952. 280.28 V91
Sanitation.

94279 HERREN. Das maschinenmelken als beitrag zu sinnvoller mechanisierung der landarbeit; ein erfahrungsbericht aus Württemberg-Baden. Agrarpolit. Rev. 8:386-395. June/July 1952. 281.8 Ag824

94280 HERTRICH. Melkmaschine—milchmenge und fettgehalt der milch. Württemb. Wchnbl. f. Landwirt. 119:677. July 26,1952. 18 W96

94281 PREVOT, B. Étude sur les perfectionnements qui pourraient être apportés au bât, pour en faciliter le chargement et le déchargement. Rev. Vét. Mil. 6:197-201. 1951. 41.8 R3295
Harness for pack mules.

94282 ROBERTS, J., CARVER, J. S., and MATSON, W. E. Comparison of various methods of brooding. Agr. Engin. 33:557-558,560. Sept.1952. 58.8 Ag83

94283 SCHMIDT, G. Technische möglichkeiten der arbeitsersparnis und der arbeitserleichterung bei der milchgewinnung und -behandlung. Deut. Agrartech. 2: 179-180. June 1952. 58.8 D482

94284 WARREN, R. Make feeding chores an easier job; here's how overhead bins and labor saving equipment help to lighten the feed handling load. Poultry Tribune 58(9):12,34. Sept.1952. 47.8 P8642

94285 ZAPPA, R. Clear ideas on electric milking. (In Italian.) Terra e Sole 120:272-274. Aug.1952. 16 T273

Cultivation and Tillage Equipment

94286 ALEKSEEV, IA. Utilization of VP-2 plows for digging up [planting stock in nurseries]. (In Russian.) Mashinno-Traktornaia Sta. 12(4):20-21. Apr.1952. 58.8 M11

94287 ARTHUR, H. A. Mole-drain plough modified for operation by one man. New Zeal. J. Agr. 85(1):20-21. July 15,1952. 23 N48J

94288 BERZAGHI, M. N. Considerations on the use of the plow. III. (In Portuguese.) Rev. dos Mercados 3 (22):33-34. June 1952. 286.8 R328

94289 BRČIĆ, J. Some important principles in plowing with oxen. (In Serbo-Croatian.) Biljna Proizvodnja 5:97-105. May/June 1952. 64.8 B49
Equipment.

94290 FRENCH, G. W. Reduced labor, larger yield with this beet thinner. Impl. Rec. 49(10):46-47. Sept. 1952. 58.8 Im73

94291 HELBERG. Anbaupflug für Eicher-schlepper. Tech. f. Bauern u. Gärt. Ausg. A 4:345. Aug.10,1952. 58.8 T223

94292 KONDRATIUK, V. New type of tooth harrows for irrigated cotton culture. (In Russian.) Khlopkovodstvo 2:43-48. Feb.1952. 72.8 K522

94293 PATARČIĆ, A. Some problems in corn cultivation. (In Serbo-Croatian.) Biljna Proizvodnja 5:65-68. Mar./Apr.1952. 64.8 B49
Equipment.

94294 PAWEL, B. Die vorscheibe als des rätsels lösung. Landtechnik 7:423-424. July 31,1952. 58.8 L235

94295 RUOFF, F. Erfahrungen mit gitterrädern bei pflegearbeiten. Deut. Landwirt.-Gesell. Mitt. 67:550-551. Aug.2,1952. 18 N39

94296 SCHULZE LAMMERS, H. Moderne handgeräte für die gemüsepflege. Deut. Landwirt.-Gesell. Mitt. 67:548-550. Aug.2,1952. 18 N39
Tillage equipment.

94297 SUGI, H. Wearing tests of shares of the ordinary plows in use in Japan. III. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:357-362. Nov.1951. 107.6 K995B
English summary.

94298 TALLMAN, S. L. Tillage machinery. Canada. Natl. Weed Comt. East. Sect. Proc. 5:98-101. 1951,pub. June 1952. 79.9 C164

94299 WILLIAMS, R. G. Proper tools for pruning. Horticulture 30:311,317. Aug.1952. 80 H787

94300 YAMANAKA, I. A study on the function of paddy-field harrows. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:353-356. Nov.1951. 107.6 K995B
English summary.

Fertilizer and Seed Distributors

94301 BOSSE, F. Vollmechanische stallmistverarbeitung. Tech. f. Bauern u. Gärt. Ausg. A 4:289-290. July 10,1952. 58.8 T223

94302 DIATLOVA, O. To improve the utilization of potato planters. (In Russian.) Mashinno-Traktornaia Sta. 12(4):19-20. Apr.1952. 58.8 M11

94303 MINKH, N. Equipment for feeding agricultural plants. (In Russian.) Mashinno-Traktornaia Sta. 12(4):22-24. Apr.1952. 58.8 M11

94304 NOHE, E. Zur durchführung der horstsaat. Saatgut-Wirt. 4:161-162. July 1952. 61.8 Sa1
Equipment.

94305 PARISHKURA, I. S. Universal hand-sowing machine for selected seeds. (In Russian.) Selek. i Semen. 19(3):64-68. Mar.1952. 61.9 Se5

94306 SAVKIN, T. F. Mechanization of planting seed carrots. (In Russian.) Sad i Ogorod 1:72. Jan.1952. 80 Sa13

94307 VERMA, R. D. A simple device for the placement of fertilizers. Indian Farming (n.s.)2(4):27,31. July 1952. 22 In282

Harvesting Equipment

94308 BABITSKII, B. Increasing the productivity of automotive combines. (In Russian.) Mashinno-Traktornaia Sta. 12(6):13-15. June 1952. 58.8 M11

94309 BORINEVICH, V. A. Complex mechanization of hay harvesting. (In Russian.) Kormovaia Baza 3(5): 51-57. May 1952. 60.8 K84

94310 BUNNELLE, P. Small seed harvesting. Impl. Rec. 49(10):54,56-57. Sept.1952. 58.8 Im73
Equipment.

94311 CHILDERS, L. E. 600,000 pickers go to work. Breeder's Gaz. 117(10):7. Oct.1952. 49 B74
Corn-harvesting equipment.

94312 DEVINE, E. S. Harvesting onions by machine. Agr. Mach. J. 6(9):28-29. Sept.1952. 58.8 Ag86

94313 EKBERG, L., and BERNDTSSON, F. Some experiences in machine pulling of fibre flax. (In Swedish.) Lin 6:65-69. July/Aug.1952. 73.18 L63
English summary.

94314 ENGELHARD, J. La manutention mécanique des récoltes de céréales et fourrages. Motorisation Agr. 7:331,333,335. July/Aug.1952. 58.8 M85

94315 GOODHUE, J. Machinery for conditioning hay; devices for cracking stems reduce drying time and seem to produce more palatable roughage. Blood-Horse 64: 582-583. Sept.13,1952. 42.8 T392

94316 GOROBETS, P. Care of electric equipment of automotive combines. (In Russian.) Mashinno-Traktornaia Sta. 12(6):21-24. June 1952. 58.8 M11

94317 HELLER, C. Mechanisierung der zuckerrubenernte weitgehend gelöst. Landtechnik 7:463-467. Aug.15,1952. 58.8 L235

94318 HUDEK, E. P. Recent developments in haying machinery and their comparative cost and labor requirements. Saskatchewan.U. Addresses & Proc. U. Saskatchewan Farm Week 1952:38-41. 101 Sa72

94319 IS TOO much straw cutting your seed yields? Farm Mangt. 1(3):40-42. Mar./Apr.1952. 281.8 F2225
In combining.

94320 KARAVAEV, K. Cable drag for straw at machine-tractor stations in Odessa Region. (In Russian.) Mashinno-Traktornaia Sta. 12(6):27. June 1952. 58.8 M11

94321 LAST year's "trash pile" buys new car; Klamath Basin's rugged conditions apply acid test to new small seed harvesting methods. Farm Mangt. 1(1): 49-51. Nov./Dec.1951. 281.8 F2225
Combine harvesting.

94322 MARKESON, C. B. Hay harvesting—time, labor, and cost vary with harvesting methods. Idaho. Agr. Expt. Sta. C. 120,12 p. Aug.1952. 100 Id1

94323 MEINDL, G. Was kann man für lohnarbeiten mit dem mähdrescher verlangen? Landwirtschaft 15/16:222-223. Aug.1952. 19 L235

94324 NEUMANN, J. Alles im fluss in der mechanisierung der zuckerrübenernte. Z. f. die Zuckerindus. 1:63-65. Oct.20,1951. 65.8 D48

94325 NIKOLAEV, P., and BATYRSHIN, A. Organization of technical servicing of equipment in hay harvesting. (In Russian.) Mashinno-Traktornaia Sta. 12(4):14-15, Apr.1952. 58.8 M11

94326 NORRIS, H. Industry's contribution to agricultural research. IX. The International Harvester Company. World Crops 4:315-319. Sept.1952. 281.8 W892

94327 O'HARE, P. J. Modern beet harvesting machinery. Beet Grower 6:103-104,106-107. July 1952. 66.8 B392

94328 PEREVERZEV, A. Mechanization of straw gathering. (In Russian.) Mashinno-Traktornaia Sta. 12 (6):24-26. June 1952. 58.8 M11

94329 PICKER-SHELLER reduces harvest headaches; corn combines matched with good drying equipment help farmers meet weather, labor and storage problems. Capper's Farmer 63(9):38-40. Sept.1952. 6 M693

94330 PRICE, C. W., JR. Handle sweet potatoes with gloves; you can get 20 per cent more marketable potatoes by use of a modern mechanical digger and a pair of cotton gloves. Prog. Farmer, Miss.-Ark.-La. Ed. 67(9):18,137. Sept.1952. 6 So81

94331 RAGAZZI, G. Mechanical harvesting of hemp. (In Italian.) Terra e Sole 120:277-278. Aug.1952. 16 T273

94332 SAIAPIN, V. Increasing the economization of combine engines. (In Russian.) Mashinno-Traktornaia Sta. 12(6):18-21. June 1952. 58.8 M11

94333 SCHACHT, H. R. Fall - equipment. (In Danish.) Husmandshjemmet 2(30):6-7. July 29,1952. 11 H963

94334 SCRIVEN, W. A., and POOLE, C. M. Potato growing. 6. Harvesting. Farm Mech. 4(40):301-303. Aug.1952. 58.8 B772
Equipment.

94335 SHEVCHENKO, S. Gathering and stacking of straw. (In Russian.) Kolkhoz. Proizvodstvo 12(5):47-49. May 1952. 281.8 K83
Equipment.

94336 STEFFEN, G. Kartoffelroder fur alle betriebsgrössen. Landtechnik 7:444-449. Aug.15,1952. 58.8 L235

94337 SUTTON, F. W. Scots growers lead the South in mechanical beet harvesting. Power Farmer 9:86-87. Sept.1952. 58.8 P872
Scotland.

94338 THOMPSON, H. C., and HOUSTON, B. Some northern concepts of potato harvesting machinery. Agr. Mach. J. 6(9):30-31,64. Sept.1952. 58.8 Ag86

94339 VOLKOV, F. N. Better utilization of the automotive hay mowers. (In Russian.) Kormovaia Baza 3(7): 47-52. July 1952. 60.8 K84

94340 WIKLUND, K. Combines still farther north. (In Swedish.) Lantmannen 36:631. Aug.9,1952. 11 L234

94341 WOOD, I. D. Labor saving at "stringing time.' Hopper 9(4):4-5. July 1952. 70.8 H77
Equipment.

94342 YOUNG, C. A. N. The development of the Fairymead cane harvester. Internatl. Soc. Sugar Cane Technol. Proc. 7:304-310. 1950,pub.1951. 65.9 In84

94343 ZAITSEV, A. Assistance for the young combine operators. (In Russian.) Mashinno-Traktornaia Sta. 12(6):11. June 1952. 58.8 M11
Advisory services by the Balashikhinskaia School of Agricultural Mechanization.

Land Clearing Equipment

94344 CRAN, H. J., JR. Removal of tree stumps. Arborist's News 17:65-67. Aug.1952. 99.8 Ar14

94345 HEIN, C. E. The tree pusher. Fire Control Notes 13(3):27. July 1952. 1 F766Fi

94346 VALANKO, O. Peltomaan kivisyydestä ja kivenraivauksesta. On the quantity and clearing of stones on arable land. Finland Maatalouskoelaitoksen. Maatutkimusosasto. Agrogeol. Julkaisu. 58,48 p. 1951. 56.9 F49
English summary.

Processing Equipment Used on the Farm

94347 BISMARCK, L. VON. Das häckseln von heu und stroh. Landmasch.-Rundschau 4:152-153. July 1952. 58.8 L237

94348 CLAYDON, T. J. Flushing residual cream from farm separators. Butter, Cheese & Milk Prod. J. 43(9):39,77-78,80. Sept.1952. 286.85 B98Bu

94349 CORCORAN, J. P. Get your drier ready! Amer. Miller 80(8):57-58. Aug.1952. 298.8 Am32

94350 FAGOTTI, B. Complete utilization of green grasses. (In Italian.) Terra e Sole 120:282-284. Aug. 1952. 16 T273
Hay making.

94351 HIRSCH, K. Prüfung von rübenschneidern. Deut. Agrartech. 2:187-189. June 1952. 58.8 D482

94352 KOLYSHEV, P. New grain cleaning machine. (In Russian.) Mashinno-Traktornaîa Sta. 12(6):30-31. June 1952. 58.8 M11

94353 LARSEN, H. Artificial drying. (In Danish.) Dansk. Landbr. 71:394-396. (Cont.) Aug.14,1952. 280.28 V91
Equipment and cost of drying of forage plants.

94354 LARSEN, H. Artificial drying. II. (In Danish.) Dansk Landbr. 71:410-411. Aug.21,1952. 280.28 V91
Of forage plants.

94355 LE ROI, D. There is a market for moisture meters once sales-resistance is overcome. Agr. Mach. J. 6(9):39-40. Sept.1952. 58.8 Ag86
Mainly for grain.

94356 MERTENS, W. Die kartoffelsortierung und geräte dazu. Landtechnik 7:449-452. Aug.15,1952. 58.8 L235

94357 MOORE, A. V. In-place cleaning of steel sanitary milk processing lines. Tex. Agr. Expt. Sta. Prog. Rpt. 1472,5 p. June 20,1952. 100 T31P

94358 MÜLLER, P. Kartoffelgärbehälter zur schweinemast unentbehrlich. Landtechnik 7:459-460. Aug.15,1952. 58.8 L235

94359 PATTON, P. Barn mow haydriers. West. Dairy J. 8(11):63-64,66. Sept.1,1952. 44.8 W524

94360 PLOTNIKOV, Z. A new complex grain drier. (In Russian.) Sel'sk. Stroitel' 6(6):6. Nov./Dec.1951. 296.28 Se4

94361 STEIGERWALD. Ueber die bonitierung bei den heu-lehrschauen in Bayern. Grünland 1:60-61. Aug. 1952. 18 G922

94362 U. S. RURAL ELECTRIFICATION ADMIN. Subject matter for grain and hay drying training school for electrification advisers. Washington,1952. 57 p. 1.933 Su13
Includes operation of equipment.

94363 UOTILA, P. J. A simple grain blower for small threshers. (In Finnish.) Teho 6:300-301. 1952. 20 T98
English summary, p. 330.

94364 ZHUK, IA. M. Mechanization of grain processing on threshing floors. (In Russian.) Kolkhoz. Proizvodstvo 12(5):44-46. May 1952. 281.8 K83

Repair, Maintenance, and Construction Equipment

94365 BRICKWOOD, H. Farm welding: 4. Some practical examples of implement repairs. Power Farmer 9:102-103. Sept.1952. 58.8 P872

94366 DIXON, P. Arranging a small shop. Agr. Educ. Mag. 25:69. Sept.1952. 275.8 Ag8

94367 HODSON, F. G. The real meaning of service. Agr. Mach. J. 6(9):36-37. Sept.1952. 58.8 Ag86
Maintenance and repair of equipment.

94368 KNEUSE, C. Querschnitt durch ersatzteilfragen. Deut. Agrartech. 2:184-185. June 1952. 58.8 D482
Russian Zone of Germany.

94369 ROWSELL, J. Train your tractor driver to be your farm mechanic. Dairy Farmer [Ipswich] 25(9):26-27. Sept.1952. 44.8 D1414

94370 VERDEJO, A. El cuidado de las maquinas puede estar a cargo de los muchachos. Mundo Agr. 4(38): 72-73. July 1952. 9 M92

94371 ZOLLINGER, C. D. Color conditioning in the farm shop. Agr. Educ. Mag. 25:55,70. Sept.1952. 275.8 Ag8

Spraying and Dusting Equipment

94372 BORSTELL, H. C. V. Hubschraubereinsatz im bundesgebiet. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:159-163. Mar.1952. 410.9 G31M

94373 BRONSON, T. E., and ANDERSON, E. D. Choosing and using hand equipment. U. S. D. A. Ybk. 1952:262-270. 1 Ag84Y
Sprayers and dusters.

94374 COHEN, G. Determining the calibration of sprayers. (In Hebrew.) Hassadeh 32:399-401. May 1952. 26 H27

94375 DÜNNEBEIL, H. Neue pflanzenschutzgeräte in Markkleeberg. Deut. Agrartech. 2:167-170. June 1952. 58.8 D482
Russian Zone.

94376 DÜNNEBEIL, H. Die sowjetische kombinierte spritz- und stäubemaschine OKS. Wald 2:117-118. Apr. 1952. 99.8 W143

94377 EICKSTEDT, H. VON. Pflanzenschutz in USA. Landtechnik 7:417-421. July 31,1952. 58.8 L235
Spraying equipment.

94378 KAYSER. Grossflächenstreuer. Landmasch.-Markt 31:435-437. July 24,1952. 58.8 L239

94379 LIDSTONE, J. D. Low volume weed spraying. Farming Gloucestershire 11:31,33,35. 1952. 10 F2291

94380 MCCULLY, W. G., and MILLER, H. F. A simple wind gauge for use in agricultural spraying. Tex. Agr. Expt. Sta. Prog. Rpt. 1466,4 p. May 27,1952. 100 T31P

94381 MOORE, T. A home made selective weedkiller sprayer. Sports Turf Res. Inst. J. 8:84-86. 1951. 60.19 B772

94382 ØYEN, K. Modern motor sprayers in gardening and nurseries. (In Norwegian.) Gartneryrket 42: 503-505. July 19,1952. 80 G1938

94383 ROSSA, B. B. Flugzeuge und hubschrauber im dienste der schädlingsbekämpfung. Prakt. Chem. 3: 59. Mar.1952. 384 P88
Insect and weed control.

94384 SCHUTZ, K. Ueber den einfluss der trägerstoffmengen in spritzbrühen und stäubemitteln auf die technik der verteilungsgeräte. Gent. Landbhogesch. Meded. 17:182-202. Mar.1952. 105.1 G344
English summary.

Vehicles

94385 ALOÉ, L. S. DE. Importance of professional training for tractor operators. (In Portuguese.) Lav. Arroz. 6(64):31-32,34-36. Apr.1952. 59.8 L39

94386 ARKHANGEL'SKIĬ, B. E. Traktor KD-35 [KD-35 tractor]. Moskva,Gos. Izd-vo Selkhoz Lit-ry, 1951. 576 p. 291 Ar4

94387 BALLU, T. La motoviticulture. Tech. Agr. 58/59:6-9. July/Aug.1952. 58.8 T222

94388 BÖLDICKE, H. In 16 monaten 4263 betriebsstunden ohne generalreparatur mit einem traktor "Aktivist." Deut. Agrartech. 2:189-190. June 1952. 58.8 D482
Russian Zone of Germany.

94389 CROSSTHWAITE, W. P. A modern torque convertor. II. Important characteristics in application to tractor operation. Westral. Farmers' Co-op Gaz. 22:361, 363,365-366. June 1952. 280.28 W522

94390 ELLIS, J. O. Farmers can maintain their own trucks, tractors and engines. Adelaide Stock & Sta. J. 47(2433):7,31,49. July 16,1952. 23 Ad3

94391 HESNARD, J. Comment économiser le carburant? Rev. Agr. de l'Afrique du Nord 50:372-373. June 6,1952. 80 R326

94392 IZOTOV, A. Increasing the life of KD-35 tractor. (In Russian.) Mashinno-Traktornaîa Sta. 12(4): 16-19. Apr.1952. 58.8 M11

94393 KHAR'KOVSKIĬ traktornyĭ zavod imeni Ordzhonikidze [The Ordzhonikidze Kharkov Tractor Factory], 1931-1951. Khar'kov?Khar'kovskoe Knizhno-Gazetnoe Izd-vo,1951. 174 p. 58 K524
IU. Shovkoplîas, editor.

94394 KHLAVICH, P. S. Repair of KT-12 hauling tractor. (In Russian.) Lesn. Promysh. 12(5):13-16. May 1952. 99.82 L56

94395 KIKVADZE, V. Method of estimating norms of tractor requirements of machine-tractor stations in grain districts. (In Russian.) Sotsialist. Sel'sk. Khoz. 23 (6):20-29. June 1952. 281.8 So73

94396 KLIEFOTH, F. Die rüben vom acker fahren. Landtechnik 7:468-470. Aug.15,1952. 58.8 L235
Equipment.

94397 KOGSTAD, K. J. Gardening tractors. (In Norwegian.) Gartneryrket 42:535-536. Aug.2,1952. 80 G1938

94398 KON'KOV, V., and POLEKUTIN, N. For a rational system of tractors for the cotton growing farms. (In Russian.) Khlopkovodstvo 3:68-71. Mar.1952. 72.8 K522

94399 KOZLOVSKII, N. On a cultivating tractor for the cotton growing farms. (In Russian.) Khlopkovodstvo 2:49-53. Feb.1952. 72.8 K522

94400 LIAKH, V. What requirements does a Universal tractor have to meet? (In Russian.) Khlopkovodstvo 3:71-73. Mar.1952. 72.8 K522

94401 ODINTSOV, A. Repair of bearing bushings in the gear box of S-80 tractor. (In Russian.) Mashinno-Traktornaia Sta. 12(4):28-29. Apr.1952. 58.8 M11

94402 OSADCHII, A. Utilization of tractors of different makes in cotton sowing. (In Russian.) Khlopkovodstvo 3:63-66. Mar.1952. 72.8 K522

94403 SCHONBERG, O. VON. Schlepper kaufen mit überlegung! Tech. f. Bauern u. Gärt. Ausg. A 4:296. July 10,1952. 58.8 T223

94404 SCHULZE-HENNE, K. Gerätetrager in serienfabrikation. Landmasch.-Markt 31:437-438. July 24,1952. 58.8 L239

94405 SEIFERT, H. Die bedeutung des krafthebers für ackerschlepper für die landwirtschaftliche praxis. Dreschen u. Pflugen 7(7):2-5. July 15,1952. 58.8 D81

94406 STROPPEL, T. Der entwicklungsstand im ackerwagenbau. Landtechnik 7:476-484. Aug.15,1952. 58.8 L235

94407 SVENSSON, K. Traktor pa mindre jordbruk? Tractors on small farms? Jordbrtek. Inst. Meddel. 241, 40 p. 1952. 58.9 J762
English summary.

94408 TYERS, K. G. A study of tractor operating costs and performances in the South West of England 1951-52. Bristol U. Dept. Econ. Rpt. 71,14 p. June 1952. 281.9 Se1

94409 ZININ, T. On tractors and equipment for irrigated cotton culture. (In Russian.) Khlopkovodstvo 3:66-68. Mar.1952. 72.8 K522

FARM STRUCTURES AND RURAL HOUSING

94410 BARRE, H. J. Prefabricated steel farm buildings. Co. Agent & Vo-Ag Teacher 8(9):31-33. Sept.1952. 275.28 N213

94411 BATES, D. W., and RYAN, D. M. How to build an aboveground pump house. Hoard's Dairyman 97:720. Sept.10,1952. 44.8 H65

94412 CLOSE, P. D. How to insulate homes and farm buildings. Chicago,Amer. Tech. Soc.,1952. 204 p. 291 C62H
Based on the 4th ed. of his Building insulation.

94413 ESMAY, M. L., and GIESE, H. Factors affecting the wind resistance of asphalt shingles. Agr. Engin. 33:549-552,556. Sept.1952. 58.8 Ag83

94414 KRUEGER, W. C. Are we giving farmers the answers? Co. Agent & Vo-Ag Teacher 8(9):11-15. Sept.1952. 275.28 N213
On problems in farm [illegible].

94415 KULIKOV, V. Con[illegible]ion [of buildings] on Put' k Kommunizmu Collectiv[illegible] Farm [in Berdichev District, Zhitomir Region]. (In Russian.) Kolkhoz. Proizvodstvo 12(5):50-51. May 1952. 281.8 K83

94416 POS, J., and DOWNING, C. G. E. Marked changes in the farm buildings field. Farmer's Advocate & Canad. Countryman 87(3430):7,40,44-45. Sept.13,1952. 7 F22

94417 SCHLEWSKI, G. Bauen entscheidet intensität. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.48-49. Kiel,1951. 33.27 Sch34

94418 WITZ, R. L. Above-ground pump house. N. Dak. Agr. Expt. Sta. Bimon. B. 14:219-222. July/Aug. 1952. 100 N813B
Floor design.

Animal Shelters and Animal Service Buildings

94419 CHARTIER, B. Le poulailler isolé. Agriculture [Montreal] 9:69-75. Spring 1952. 7 Ag82
Construction and layout.

94420 CLEAVER, T., and CARTER, D. G. Loose housing for the farm dairy. Ill. Agr. Col. Ext. C. 694, 12 p. June 1952. 275.29 IL62C

94421 EDZGVERADZE, D. Construction [of livestock buildings] on the collective farms of Georgia [U.S.S.R.]. (In Russian.) Sel'sk. Stroitel' 6(6):10-11. Nov./Dec.1951. 296.28 Se4

94422 FANGAUF, R., and SCHRODER, G. Der bau von geflügelställen. Geflugelzucht-Bucherei 10,85 p. 1952. 47.8 G277

94423 GRINBERG, S. A cow barn from monolithic concrete. (In Russian.) Sel'sk. Stroitel' 6(6):3-4. Nov./Dec.1951. 296.28 Se4

94424 HANSON, D. Everything under one roof. Successful Farming 50(9):48-49,76-77. Sept.1952. 6 Su12
Housing for cattle and feed.

94425 HARGREAVES, J. E. Litters—on deep litter. Farmers Wk. [London] 37(8):54. Aug.22,1952. 10 F2226
Pig rearing in a deep litter house.

94426 HOLLOWELL, W. I built my own cage plant. Albers Egg Maker 30,i.e.29(2):9-10,16-17. Summer 1952. 47.8 AL1

94427 JOURDAIN, W. L. Range shelters for poultry. New Zeal. J. Agr. 85(1):37-38. July 15,1952. 23 N48J

94428 KNOOP, F. Grade "A" milk house. Farm Q. 7(3):44-49,99-103. Autumn 1952. 6 F22995

94429 KRUEGER, W. C. Solar broiler house. Poultry Tribune 58(9):9,31. Sept.1952. 47.8 P8642

94430 KUPRIENKO, A. The Plan for building livestock quarters was fulfilled on time. (In Russian.) Sel'sk. Stroitel' 6(6):8-9. Nov./Dec.1951. 296.28 Se4

94431 LAMPMAN, C. E. University demonstrates labor-saving features in modernizing old-style poultry house. Idaho. Agr. Col. Idaho Agr. Sci. 37(3):4-5. Third Q.1952. 276 Id13N

94432 LOWE, W. A. Good ventilation serves two purposes. Broiler Growing 3(9):11,25-26. Sept.1952. 47.8 B782

94433 MAW, W. A. Le logement des dindons. Agriculture [Montreal] 9:85-88. Spring 1952. 7 Ag82

94434 MOWERY, A. S. Smoke generator for tracing air movements in ventilated structures. Pa. Agr. Expt. Sta. Prog. Rpt. 82,3 p. June 1952. 100 P381P

94435 MYERS, G. Ventilation needed in broiler houses. Amer. Poultry J. 83(9):7,22. Sept.1952. 47.8 Am32

94436 RABINOVICH, A. Thin-walled arches of double curvature. (In Russian.) Sel'sk. Stroitel' 6(6):14-16. Nov./Dec.1951. 296.28 Se4
Livestock building designs.

94437 RAUSING, R. Swedish "rubber cowshed" increases milk production efficiency. Butter, Cheese & Milk Prod. J. 43(9):44-45,102. Sept.1952. 286.85 B98Bu

94438 SCHAFFHAUSEN, J. F. A plan for low-cost grade A milk; pole-type loafing barn, plus compact milking parlor and milkhouse may be all you need for that one-man operation. Country Gent. 122:32,62. Sept.1952. 6 C833

94439 SCHEELHAASE, A. Neubau eines häckselbetriebes von 164 ha. Tech. f. Bauern u. Gärt. Ausg. A 4:325-326. July 25,1952. 58.8 T223

94440 SNYDER, F. New trends in poultry house construction. Albers Egg Maker 30,i.e.29(2):3,19-22. Summer 1952. 47.8 AL1

94441 VINCENT, G. Disposition, chauffage et aménagement des constructions avicoles. Agriculture [Montreal] 9:76-83. Spring 1952. 7 Ag82

94442 WATERSTON, D. L. Building barns cheaply. Family Herald & Wk. Star 83(29):3,9,13. July 17,1952. 7 F21

94443 WITZEL, S. A. Dairying takes a stride. Co. Agent & Vo-Ag Teacher 8(9):18-20. Sept.1952. 275.28 N213
Research on dairy cattle housing at the University of Wisconsin.

Farmhouses and Farmsteads

94444 ARMES, A. Some aspects of housing with particular reference to rural areas. Roy. Sanit. Inst. J. 72:601-610. Sept.1952. 449.9 R812
Includes discussion.

94445 ARTER, W. Rural housing--after seven years. Farmer & Stock-Breeder 66(3279):52-53. Aug.26,1952. 10 F228
Great Britain.

94446 BJERKE, G. Landsbebyggelsen i Norge [Rural buildings in Norway], v. 2. Oslo,Dreyer,1951. 299 p. 296 B55

94447 BRISCOE, S. New approach to better rural housing. Ext. Serv. Rev. 23:131. Aug.1952. 1 Ex892Ex
A farm demonstration house in South Carolina in which rural families may spend a week.

94448 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Haus der bäuerin. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 31,15 p. 1951. 18 G312V

94449 PALATINI, G. The "cadorina" house. (In Italian.) Monti e Boschi 3:295-300. July 1952. 16 M76
Farmhouse type in Italy.

94450 RAY, K. R. Plans for farm homes in Mississippi. Miss. State Col. Ext. P. 101,31 p. June 1952. 275.29 M68Ext

94451 RUDEL, E. Das wohnhaus des bauern. Landwirtschaft 15/16:239-240. Aug.1952. 19 L235

94452 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Expansible farmhouses, by L. S. Thye and K. M. Gapen. Washington,Aug.9,1952. 3 p. 1.914 R2R11

Greenhouses and Plant Service Buildings

94453 ALLNUTT, F. Radiant heat. MGA Bulletin 32:234. Aug.1952. 80 M97
Greenhouses.

94454 BATTEN, E. J. Air conditioning. MGA Bulletin 235-239. Aug.1952. 80 M97
Greenhouses.

94455 DAWSON, H. Heating systems. MGA Bulletin 32:227-230. Aug.1952. 80 M97
Greenhouses.

94456 FAWCETT, C. H. Low pressure steam heating MGA Bulletin 32:239-241. Aug.1952. 80 M97
Greenhouses.

94457 HUMMEL, F. Glasshouse hints. Begonian 19:200. Sept.1952. 96.511 B39

94458 KINNELL, J. L. Hot water heating. MGA Bulletin 32:241-243. Aug.1952. 80 M97
Greenhouses.

94459 MINERS, A. Building Dutch light structures. Nurseryman & Seedsman 115:278-279. Aug.7,1952. 80 N933

94460 PETERSEN, A. T. Preliminary report on experiments in heating greenhouses with hot air. (In Danish.) Gart.-Tid. 68:306-307. Aug.25,1952. 80 G192

94461 THWING, W. E. How I use my lath house. Home Gard. 20(3):24-29. Sept.1952. 80 H756

94462 WARD, C. V. Atmospheric control. MGA Bulletin 32:232-233. Aug.1952. 80 M97
Greenhouses.

Materials and Methods

94463 CLEGHORNE, J. W. A farm-made pugmill for brickmaking. Farming So. Africa. 27:337. June 1952. 24 So842

94464 KANISHCHEV, P. Chalk blocks for rural construction. (In Russian.) Sel'sk. Stroitel' 6(6):5. Nov./Dec.1951. 296.28 Se4

94465 MOE, D. L. Lightweight concrete aggregate from South Dakota shales. S. Dak. Farm & Home Res. [S. Dak. Sta.] 3:77-82. Summer 1952. 100 So82S

94466 NIKOLAEV, V. Utilization of natural stones in rural construction. (In Russian.) Sel'sk. Stroitel' 6(6): 17-18. Nov./Dec.1951. 296.28 Se4

Storage Structures

94467 BURGUES, S. A. La importancia del silo en el tambo. Asoc. Rur. del Uruguay. Rev. 79:16-18. Jan. 1952. 9.9 As5

94468 HECHELMANN, H. Das einmieten der kartoffeln. Landtechnik 7:453-454. Aug.15,1952. 58.8 L235

94469 KLOEPPEL, R. Vorzüge des kartoffellagerhauses. Landtechnik 7:461-463. Aug.15,1952. 58.8 L235

94470 SWEGLE, W. E. Self-feeding silo report. Hoard's Dairyman 97:723. Sept.10,1952. 44.8 H65

Walls and Fences

94471 PEATFIELD, A. E. Making cement walls and post bases. Power Farmer 9:104-105. Sept.1952. 58.8 P872

94472 RAKOVER, Y. Wooden fences for sown pasture. (In Hebrew.) Hassadeh 32:414-415. June 1952. 26 H27

FARM UTILITIES

Electricity and Electrification

94473 ARMINGTON, J. M. Blueprint for better management. Rur. Electrif. News 18:7-9. Aug./Sept. 1952. 173.2 R88Ru
For electric cooperatives.

94474 BAILLIE, J. C. N. Electricity is revitalising the Highlands and islands. Power Farmer 9:98-99. Sept.1952. 58.8 P872

94475 CARVALHO, D. DE. Hydroelectric plant at the Paulo Afonso cataract. (In Portuguese.) Fazenda 47(8): 26-29. Aug.1952. 6 H11P
Discusses effects on agriculture.

94476 FISCHER-SCHLEMM, W. E. Die verbesserung der stromversorgung auf dem lande. Landmasch.-Rundschau 4:172-173. July 1952. 58.8 L237

94477 GÍSLASON, J., and BJORNSSON, G. Electric power in rural districts. 3. (In Icelandic.) Freyr 47: 235-247. July 1952. 11 F89

94478 GOUVÈA, S. DE. Illuminated farms. (In Portuguese.) Granja [Porto Alegre] 8(62):9-10. May 1952. 9.2 G76
Electrification for Brazil.

94479 LASSEN, W. A director looks at executive development. Rur. Electrif. News 18:10. Aug./Sept. 1952. 173.2 R88Ru
Executive development meetings, South Dakota Electric Cooperative Association.

94480 LE ROUX, H. P. Electric light for the farm home. (In Afrikaans.) Landbouweekblad 34(1723):23. July 23,1952. 24 L232
Union of South Africa.

94481 MARTIN. Brandgefahren durch mangellhafte elektrische anlagen. Landwirtbl. Weser-Ems 99:812-813. Aug.14,1952. 18 L2345

94482 SAFE electricity; the farmer's day is extended and his wife's housework is eased with electricity. Safety and economy are achieved with proper wiring. Farm Q. 7(3):84-90,92. Autumn 1952. 6 F22995

94483 U. S. RURAL ELECTRIFICATION ADMIN. Co-op membership administration; a factor essential to co-op success. Washington,1952. 5 p. 1.933 C787

Heating, Lighting, and Radiation

94484 GILMAN, W. You can have central heat. Country Gent. 122:94-96. Sept.1952. 6 C833

94485 MEINDL, G. Ausnützung der elektrowärme in Österreich. Landwirtschaft 15/16:240-241. Aug.1952. 19 L235

94486 ZIMMERMAN, C. Heat pumps are here; farm families utilize water from the earth as a source of year-around home comfort in new air conditioning system. Capper's Farmer 63(9):21,34. Sept.1952. 6 M693

Power Plants, Motors and Engines on the Farm

94487 FEDELE, F. Windmills are part of the landscape. (In Italian.) Terra e Sole 120:261-264. Aug. 1952. 16 T273
Italy.

94488 FISCHER, F. Dämpfanlagen - fahrbar und stationär. Landtechnik 7:455-459. Aug.15,1952. 58.8 L235

94489 GEMEREN, P. VAN. The ignition of the two-stroke engine. (In Dutch.) Groenten en Fruit 8:24. July 10,1952. 80 G89

94490 KAINEDER, K. Die wirkungsweise des hydraulischen widders. Bauer 5(28):13-14. Aug.16, 1952. 19 B32

Sewage and Waste Disposal

94491 MOORE, W. J., and BROWN, E. C. Disposal pit for poultry. Tex. Agr. Col. Ext. MS-889,2 p. Feb. 1952. 275.29 T313M

Telephones

94492 BEHM, F. E. Repairing and rebuilding rural telephone plant. 4. Telephony 143(10):16-18. Sept.6, 1952. 335.8 T23

94493 U. S. RURAL ELECTRIFICATION ADMIN. Graphic summary of the rural electrification and rural telephone programs. Washington,1952. 35 p. 1.933 G764

Water Supply

94494 ARNOLD, E. L. Using electricity in watering farm gardens. U. S. D. A. Farmers' B. 2044,22 p. 1952. 1 Ag84F

94495 SCHWAN, H. Fliessendes wasser durch eigene hauswasseranlage. Traktor 3:170. July 1952. 58.8 T677

AGRICULTURAL PRODUCTS: PROCESSING, DISTRIBUTION, AND STATISTICS

GENERAL

94496 BELGIUM. OFF. DU COMMERCE EXTÉRIEUR. Australie; étude de marché. Marais,1952] 40 p. 280.1992 B41
Includes agricultural products.

94497 BRODY, S. Facts, fables, and fallacies on feeding the world population. Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:681-693. Ref. Sept.1952. 442.9 F31P

94498 CALLOW, E. H., and others. The principal foodstuffs. In Bate-Smith, E. C., and Morris, T. N., eds. Food science, p.11-120. Ref. Cambridge,U. Press,1952. 389 B31
J. A. Lovern, J. Brooks, J. C. Fidler, W. G. Burton, J. J. C. Hinton, E. N. Greer, W. J. S. Pringle, and N. L. Kent, joint authors.

94499 CAVIN, J. P. Forecasting the demand for agricultural products. Agr. Econ. Res. 4:65-76. July 1952. 1 Ec7Agr
Appraisal of economic factors affecting agricultural prices and incomes by the U. S. Bureau of Agricultural Economics.

94500 DOWNIE, E. Food and mankind. II. Farm & Gard. Digest 2(12):14-24. Mar.1952. 56.8 Or32

94501 DUPONT, O. World development of food production. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:77-80. 1951. 41.8 V6435

94502 FOOD outlook for 1952. Farm Mangt. 1(2): 23-25. Jan./Feb.1952. 281.8 F2225

94503 FORBES, W. H. Food and population illustrated by observations in India. Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:667-674. Sept.1952. 442.9 F31P

94504 FUHLENDORF. Ernährungspolitik in Bund und land. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.10-11. Kiel,1951. 33.27 Sch34

94505 Gt. BRIT. DEPT. OF SCIENTIFIC AND INDUSTRIAL RESEARCH. Food investigation 1951. London,1952. 39 p. Ref. 389.9 G792R

94506 JACOBSEN, A. P. The food situation. (In Danish.) Dansk Landbr. 71:403-406. Aug.21,1952. 280.28 V91

94507 LANGENHEIM. Nahrung für den Bund. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.5-7. Kiel,1951. 33.27 Sch34
Food situation and policy.

94508 LEVI, U. Increasing the self-supply of the farm. (In Hebrew.) Hassadeh 32:435-436. June 1952. 26 H27

94509 MAYNARD, L. A. Agricultural and industrial possibilities of increasing the food supply. Fed. Amer. Soc. Expt. Biol. 11:675-680. Sept.1952. 442.9 F31P

94510 MOHR. Ernährungsindustrie mit weltruf. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.20-21. Kiel,1951. 33.27 Sch34

94511 OREGON. STATE COLLEGE. Farm crops; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 12,61 p. Aug.1952. 100 Or3O

94512 SPENCE, C. F. The Portuguese colony of Moçambique; an economic survey. Amsterdam,Balkema, 1951. 133 p. 280.193 Sp3
Contains chapters on agricultural products and game and the tsetse fly.

94513 U. S. BUR. OF AGRICULTURAL ECONOMICS. A chronology of the Department of Agriculture's food policies and related programs, January 1947 to December 1951, by W. D. Rasmussen and G. L. Baker. Washington,1952. 133 p. 1.941 H3C46

94514 WRIGHT, N. C. Economics, supply and distribution of foods in the United Kingdom. In Bate-Smith, E. C., and Morris, T. N., eds. Food science, p.1-10. Cambridge,U. Press,1952. 389 B31

ANALYSIS AND COMPOSITION

94515 BATE-SMITH, E. C., and others. The basic constituents of foods. In Bate-Smith, E. C., and Morris, T. N., eds. Food science, p.121-153. Ref. Cambridge, U. Press,1952. 389 B31
R. S. Hannan, S. M. Partridge, F. A. Isherwood, and C. H. Lea, joint authors.

94516 BOBIER, M. A., and LEPIGRE, A. L. Etude sur la fermentation diastasique des produits végétaux. Algeria. Inst. Agr. Ann. 7,66 p. July 1952. 108 AL35
Includes papers on tobacco.

94517 CHANG, I. C. L., TCHEN, L. I Y., and WATTS, B. M. The fatty acid content of selected foods before and after cooking. Amer. Oil Chem. Soc. J. 29: 378-379. Sept.1952. 307.8 J82

94518 CHILEAN IODINE EDUCATIONAL BUR. Iodine content of foods; annotated bibliography 1825-1951, with review and tables. London,1952. 183 p. 389 C434

94519 HELFENBERGER, H., and REICHSTEIN, T. Glykoside und aglykone. 99. Die glykoside von Tanghinia venenifera Poir. Helvet. Chim. Acta 35:1503-1524. 1952. 385 H36

94520 KNAPP, A. Streiflichter aus der lebensmittelchemie. Zucker- u. Süsswaren-Wirt. 5:551-552. (Cont.) July 20,1952. 286.86 Z8

94521 MAYNARD, E. A. Toxicity testing of chemical additives. Food Technol. 6:351-353. Sept.1952. 389.8 F7398

94522 SMITH, J. G., EDE, A. J., and GANE, R. The thermal conductivity of frozen foodstuffs. Mod. Refrig. 55:254-257. Ref. Aug.1952. 295.8 M72

94523 TAUTSIN', E. In regard to methods for vitamin A and carotene determination. (In Russian.) Biokhimiia 17:257-266. Ref. May/June 1952. 385 B523

CONSUMPTION AND UTILIZATION

94524 GARNATZ, G. Consumer acceptance testing at the Kroger Food Foundation. Conf. Res. Proc. 4:67-72. 1952. 50.9 C762

94525 PROEBSTING, E. L. Organic wastes for mulch; waste from packing houses processing organic materials studied for possible agricultural use. Calif. Agr. [Calif. Sta.] 6(7):15. July 1952. 100 C12Cag

94526 ROY, S. M. Food consumption in India. India. Dir. Econ. & Statis. Agr. Situation India 7:86-90. May 1952. 281.9 In23

94527 SCHRADER, F. M. Consumer's expenditures for food. Econ. Annal. 22:82-83. Aug.1952. 281.8 Ec72

94528 THURSTONE, L. L. An experiment in the prediction of food preference and the prediction of choice. Conf. Res. Proc. 4:58-66. 1952. 50.9 C762

94529 TUXBURY, G. P., and PERYAM, D. R. The application of food acceptance methods and results to military feeding problems. Conf. Res. Proc. 4:73-82. 1952. 50.9 C762

94530 WOODWARD, F. N. Industrial utilization of agricultural wastes. Chem. & Indus. 35:844-848. Aug. 30,1952. 382 M31C

DISTRIBUTION, MARKETING, AND TRANSPORTATION

94531 BEHRENS, W. Frachtentlastung tut not. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.49-51. Kiel,1951. 33.27 Sch34

94532 BENAERTS, P. Le coût de la distribution. Crémerie Franç. 265:20-21. (Cont.) Aug.21,1952. 44.8 C867
Agricultural products.

94533 BURK, M. C. Distribution of the food supply of the United States. Agr. Econ. Res. 4:83-87. July 1952. 1 Ec7Agr

94534 BÜRKNER. Der grosshandel mit nahrungsmitteln. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.17,19-20. Kiel,1951. 33.27 Sch34

94535 DAVENPORT, J. H., and HOECKER, R. W. The helping hand pays profits. Mktg. Activ. 15(6):10-11. June 1952. 1.942 A8M34
Sales assistance by wholesale firms to retailers.

94536 DAVENPORT, J. H., and HOECKER, R. W. How some wholesale grocers build better retailers. U. S. D. A. Mktg. Res. Rpt. 12,53 p. May 1952. 1 Ag84Mr

94537 GALLETTI, A. C. Country roads. (In Italian.) Humus 8(6):15-16. June 1952. 16 H88
Italy.

94538 GODFREY, J. A. In business all the way. Wholesale Grocer News 27(6):13-14,22. Sept.1952. 286.83 W622
Frozen food.

94539 HERE'S a successful marketing set-up for the small farmer. Farm Mangt. 1(1):37-39. Nov./Dec.1951. 281.8 F2225

94540 HILLMAN, J. S., and ROWELL, J. D. How about those State trade barriers? Prog. Agr. Ariz. 4(2): 10. July/Sept.1952. 6 P9452

94541 HILLMAN, J. S., and ROWELL, J. D. A summary of laws relating to the interstate movement of agricultural products in the eleven Western States. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 109,105 p. May 1952. 100 Ar4M

94542 JOHNSON, H. D. Better circulation; cooler cargoes. Mktg. Activ. 15(7):6-7. July 1952. 1.942 A8M34
Method of loading refrigerated trucks used in transporting frozen foods.

94543 KATZ, B. H. Opportunity—for no profit. Wholesale Grocer News 27(6):26. Sept.1952. 286.83 W622
Frozen food marketing.

94544 KRIESBERG, M. Methods of handling and delivering orders used by some leading wholesale grocers. U. S. D. A. Mktg. Res. Rpt. 13,50 p. May 1952. 1 Ag84Mr

94545 MCLARTY, B. H. Where growers and buyers get together; Georgia used foresight and imagination planning her vast system of State Farmers' Markets. Prog. Farmer, Tex. Ed. 67(9):72A-72B. Sept.1952. 6 T311

94546 MARSHALL, H. Horizons unlimited. Wholesale Grocer News 27(6):11-12,71. Sept.1952. 286.83 W622
Frozen food.

94547 NATIONAL ASSOCIATION OF MARKETING OFFICIALS. Report of the thirty-second annual convention, Hotel Jefferson, Richmond, Virginia, October 8, 9, 10, 11, 12, 1951. Richmond,1951. 47 p. 280.39 N213P

94548 OGREN, K. E. Marketing costs big part of increased food costs. Agr. Situation [Washington] 36(7): 9-10. July 1952. 1 Ec7Ag

94549 REILLY, J. F. Shipping point markets. Mktg. Activ. 15(7):8-10. July 1952. 1.942 A8M34

94550 ROUY, H. La tendance des marchés. Rev. de l'Elevage 7:271,273. May 1952. 49 B462

94551 SARTORIUS, L. C. Eating places as food marketers—methods, problems and areas for further research. Agr. Econ. Res. 4:88-95. July 1952. 1 Ec7Agr

94552 SCHUPHAN, W. Qualitätsforschung und absatzkrise. In Landwirtschaftliche Forschung. Forschung für die praxis und mit der praxis, p. 35-50, Ref. Darmstadt, Justus von Liebig Verlag, 1951. 72 p. 395 L23
Agricultural products.

94553 SIERRA LEONE PRODUCE MARKETING BOARD. Third annual report, accounts, and balance sheet for the year ended 31st December, 1951. Freetown? 1951. 20 p. 280.39 Si1

94554 STAUCH, F. Einschaltung von diplomlandwirten und diplomgärtnern in den landhandel. Diplomlandwirt 2:88-89. Aug.1952. 18 D62
Education in Germany.

94555 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Beating the seasonal price slump, by E. Kruse and B. Crom. Washington,Aug.9,1952. 3 p. 1.914 R2R11
Orderly marketing.

94556 U. S. PRODUCTION AND MARKETING ADMIN. Food labels for television. Washington,1952. 5 p. 1.956 A2F7393

94557 U. S. PRODUCTION AND MARKETING ADMIN. The wholesale produce market at Toledo, Ohio, by S. D. Clark, T. D. Johnson, P. S. Richey, and J. A. Brunner. Washington,1952. 67 p. 1.956 M343W6226
University of Toledo, College of Business Administration cooperating.

94558 YOUNG, G. D. County road administration and finance in New York. N. Y. Agr. Col. A. E. 785,38 p. Feb.1952. 281.9 C81

GRADING, INSPECTION, STANDARDIZATION, AND QUALITY

94559 BATE-SMITH, E. C., RUDALL, K. M., and SMITH, W. H. Some aspects of quality in foods. In Bate-Smith, E. C., and Morris, T. N., eds. Food science, p.154-170. Ref. Cambridge,U. Press,1952. 389 B31

94560 COOPER, P. Some notes on fungus poisoning. Pharm. J. 169:135. Aug.23,1952. 396.8 P49

94561 COPPINI, R. Investigation of a case of food poisoning from enterotoxic staphylococcus. (In Italian.) Riv. di Med. Vet. e Zootec. 4:67-76. Mar./Apr.1952. 41.8 R522
English summary.

94562 GUMPERTZ, D. G. Magnetic sorting of unlabeled food cans. Electronics 25(9):100-105, Sept.1952. 335.8 EL28

94563 HARDING, E. L. Michigan food law. Food Drug Cosmetic Law J. 7:510-518. Aug.1952. 389.58 F732

94564 HART, F. L. Food adulteration in the early twentieth century. Food Drug Cosmetic Law J. 7:485-497. Aug.1952. 389.58 F732

94565 HUDSON, W. D. A current legislative problem. Mod. Nutr. 5(6):6-12. Ref. June 1952. 389.9 Am352
Food and drug inspection.

94566 KNIGHT, G. F. What are pesticides doing to human beings? Mod. Nutr. 5(4):4-7. Apr.1952. 389.9 Am352
Food contamination.

94567 KORFF, F. A., TABACK, M., and BEARD, J. H. A coordinated investigation of a food poisioning outbreak. Pub. Health Rpt. 67:909-913. Sept.1952. 151.65 P96

94568 KRISTER, C. J. Residues of dithiocarbamate fungicides—on food crops. Agr. Chem. 7(9):45-48. Sept. 1952. 381 Ag8

94569 LEA, C. H., and HANNAH, R. S. Chemical mechanisms of spoilage. In Bate-Smith, E. C., and Morris, T. N., eds. Food science, p.199-239. Ref. Cambridge,U. Press,1952. 389 B31
Of food.

94570 MARTIN, O. Chemikalien in nahrungsmitteln in den USA. Prakt. Chem. 3:63-64,66. Mar.1952. 384 P88

94571 MASEFIELD, G. B. Aspects of British colonial agricultural law. II. Inspection and grading of products. World Crops 4:313-314. Sept.1952. 281.8 W892

94572 NETTO, F. W. DE A. Accidents or poisoning originating from food. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:127-131. 1951. 41.8 V6435

94573 RISSMAN, B. R. Criminal intent under the Federal Food, Drug, and Cosmetic Act. Food Drug Cosmetic Law J. 7:498-509. Aug.1952. 389.58 F732

94574 STANDFUSS, R. Bakteriologische fleischbeschau. Ed. 4, rev. Berlin,Schoetz,1952. 96 p. 50 St22

94575 STEINBERG, J. Forschung und absatzwerbung im lichte ausländischer erfahrungen. In Landwirtschaftliche Forschung. Forschung für die praxis und mit der praxis, p. 62-64. Darmstadt,Justus von Liebig Verlag, 1951. 395 L23
Quality of agricultural products.

94576 TOMKINS, R. G., INGRAM, M., and LEA, C. H. Moulds. In Bate-Smith, E. C., and Morris, T.N., eds. Food science, p.171-198. Ref. Cambridge, U. Press,1952. 389 B31
In food.

94577 U. S. CONGRESS. HOUSE. SELECT COMMITTEE TO INVESTIGATE THE USE OF CHEMICALS IN FOODS AND COSMETICS. Investigation of the use of chemicals in foods and cosmetics; report by Delaney Committee on food chemical pretesting amendment to Federal Food, Drug, and Cosmetic Act—food; 82d Congress, 2d Session, House of Representatives, Report No. 2356; June 30, 1952.—committed to the committee of the whole House on the state of the Union and ordered to be printed; report (pursuant to H. Res. 74, 82nd Cong., 1st sess.). Food Drug Cosmetic Law J. 7:484,519-552. Aug.1952. 389.58 F732

94578 WAGNER, F. Verordnungen, anordnungen und verkehrsbestimmungen für lebensmittel. Zucker- u. Süsswaren-Wirt. 5:557-558. (Cont.) July 20,1952. 286.86 Z8
Germany.

94579 ZEUMER, H. Geschmacksbeeinflussung durch hexa-präparate. Biol. Zentanst. f. Land- u. Forstwirt. Mitt. 74:122-125. Mar.1952. 410.9 G31M
Effect of benzene hexachloride.

PACKING AND PACKAGING

94580 DICKINSON, D., and HARRIS, F. J. T. The statistical control of bottle filling. Inst. Weights & Measures Admin. Mon. Rev. 60:125-130. June 1952. 212.9 In2
Food containers.

94581 GUTWILLIG, M. M. Farm packaged foods. Farmer's Mag. 49(9):18-20. Sept.1952. 7 C165

94582 ISAACSON, I., and STRAUSS, G. Late steps in prepackaging seen by 8000 at big L. A. exposition. West. Grower & Shipper 23(10):24-26,33-36. Sept.1952. 280.38 W52
Includes agricultural packaging materials.

94583 WEBSTER, L. A. From wooden barrel to pliofilm. New Eng. Grocery & Mkt. Mag. 20(11):18-19. Sept. 1952. 286.83 N44A
Food packaging.

PRICES, PRICE CONTROL, AND RATIONING

94584 CANADA. MARKETING SERV. Crop and seasonal price summaries; fresh fruits and vegetables, maple products and honey, vol. V, Part I, 1951-52. Ottawa,1952. 45 p. 284.39 C162S

94585 MULDER, T. Price of animal proteins. (In Dutch.) Voeding 13:240-241. June 15,1952. 389.8 V85
Eggs, milk and meat.

94586 SCHICKELE, R. To flex or not to flex? Farm Policy Forum 5(9):10-14. Sept.1952. 281.8 F2274
Farm price supports.

94587 SERPIERI, A. Agricultural prices. (In Italian.) Mondo Agr. 3(30):1,5. July 27,1952. 16 M74
Italy.

94588 TAYLOR, H. P. The farmer as a strong political ally. Commonwealth 19(8):19-20. Aug.1952. 280.8 C732
Price supports.

PROCESSING AND STORAGE

94589 BROACH, R. T. Home canning of fruits, vegetables and meats. Ga. Agr. Col. Ext. B. 562,rev.,52 p. June 1951. 275.29 G29B

94590 CAULK, J. R., JR. Refrigeration in the food store. II. Refrig. Engin. 60:946-949,1002,1004. Ref. Sept.1952. 295.9 Am32J

94591 CURRIE, C. C. What silicones can do for the food processor. Canner 115(8):10-11,16. Aug.23,1952. 286.83 C16

94592 DOYLE, E. S. Preventive sanitation. Canner 115(9):11-12. Aug.30,1952. 286.83 C16

94593 DOYLE, E. S. Self-inspection—a necessity; if management doesn't control its own [food] plant sanitation the Government will—at a price. Glass Packer 31: 586,625. Sept.1952. 309.8 G463

94594 EVA, W. J. Quality control and statistics. Canad. Food Indus. 23(9):29,31-32. Sept.1952. 286.83 C166
Includes food.

94595 FROZEN foods are still booming. Farm Mangt. 1(3):71-75. Mar./Apr.1952. 281.8 F2225

94596 GEBHARD, M. The deep freeze in a farm house. (In Finnish.) Teho 6:311-314. 1952. 20 T98
English summary, p. 330.

94597 GOLDBLITH, S. A., and PROCTOR, B. E. Evaluation of food sterilization efficiency. Nucleonics 10(9):28-29. Sept.1952. 334.8 N88
Irradiation of foods with high-energy cathode rays.

94598 GUIGO, É. Investigation and calculation of the drying process by sublimation. (In Russian.) Moloch. Promysh. 13(4):32-36. Apr.1952. 44.8 M734
To be utilized in food drying.

94599 HAANSTRA, W. Drying of products. J. Sci. Res. 1:12-13. Jan.1952. 475 J822

94600 HORNADAY, J. R. Automatic refrigerator defrosting—practical or not? Refrig. Engin. 60:943-944. Sept.1952. 295.9 Am32J

94601 KOLLMORGEN, R. Zitronensäure—industriell aus schimmelpilzen. Orion 7:473-477. June 1952. 474 Or4

94602 LAVOINE, L. Conservas alimenticias. Ed. 5, rev. and enl. Lisboa,Teixeira,1951. 445 p. (Colecção "Fontes de Riqueza" 15) 15.5 C672

94603 MATSUYA, Y. Saishin nosan kako seizo zensho [A complete book of modern agricultural manufacturing]. Tokyo,Maki Shobo,1951. 360 p. 281.183 M42

94604 MIXON, J. A., and LARSON, J. S. Planning a wholesale frozen food distribution plant. U. S. D. A. Mktg. Res. Rpt. 18,62 p. Ref. June 1952. 1 Ag84Mr

94605 MORRIS, T. N., and others. The principles of food preservation. In Bate-Smith, E. C., and Morris, T. N., eds. Food science, p.240-304. Ref. Cambridge, U. Press,1952. 389 B31
T. G. Gillespy, R. Gane, A. Banks, J. C. Fidler, K. C. Hales, A. J. Ede, and E. H. Steiner, joint authors.

94606 MOTHERSILL, M. Freezing facts. Pract. Home Econ. 31:42,58. Sept.1952. 321.8 H752

94607 NATARAJAN, C. P., and BHATIA, D. S. Trends in modern food technology. J. Sci. & Indus. Res. 11A:73-74. Ref. Feb.1952. 475 J82

94608 PERLMAN, D., BROWN, W. E., and LEE, S. B. Fermentation. Indus. & Engin. Chem. 44:1996-2012. Ref. Sept.1952. 381 J825

94609 ROSS, H. N. Pre-war experiences of food storage in Spitsbergen. Polar Rec. 6:512-513. July 1952. 472 P75

94610 SANFILIPPO, L. Cooperatives for processing of agricultural products; considerations on legal and economic purposes. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(71/72):13-14. Aug.23,1952. 281.8 Ag3

94611 SCHMITZ, A. Die ampholytseife als neuartiges desinfektionsmittel in milchwirtschart und lebensmittelbetrieben. Milchwissenschaft 7:253-257. Aug.1952. 44.8 M5933
English summary.

94612 SPAWN, O. J. New finishes give refrigerator parts improved runoff properties. Refrig. Engin. 60: 944-945. Sept.1952. 295.9 Am32J

94613 U. S. PRODUCTION AND MARKETING ADMIN. Highlights of Commodity Credit Corporation standards for approval, bonding, and inspection of warehouses. Washington,1952. 4 p. 1.956 A2H532

94614 WILLIAMS, E. W. From Los Angeles to Seattle. Quick Frozen Foods 15:43-50,129-134. Aug. 1952. 389.8 Q4
Frozen foods industry.

94615 WOODWARD, F. N. Unicellular algae as a possible source of food and chemicals. Indus. Chem. 28: 341-345. Ref. Aug.1952. 382 In22
Experiments in photosynthesis with Chlorella.

STATISTICS

94616 BONNE, K. Wandel des acker- und pflanzenbaues. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.41,43. Kiel,1951. 33.27 Sch34
Acreage and yields.

94617 EVANS, C. D. Indexes of agricultural production in South Carolina. S. C. Agr. Expt. Sta. 398,29 p. Oct.1951. 100 So8

94618 FLORENCE. CAMERA DI COMMERCIO, INDUSTRIA E AGRICOLTURA. Annuario statistico toscano, anno 1950 [Tuscan statistical annual, year 1950]. Firenze, 1952. 157 p. 261 F66
Includes agricultural statistics.

94619 GERMANY (FEDERAL REPUBLIC, 1949-) STATISTISCHES BUNDESAMT. Statistisches jahrbuch für die Bundesrepublik Deutschland 1952. Wiesbaden, 1952. 458,122 p. 265 St2St

94620 HEDGES, T. R., and BAILEY, W. R. California's productive capacity; projections of 1955 levels and patterns of California's production anticipate 650,000 additional acres in crops. Coop. Poultryman 17(9):14-15, 22-23. Sept.1952. 47.8 C783

94621 MÉXICO. DIRECCIÓN GENERAL DE ESTADÍSTICA. Segundo censo agrícola ganadero de los Estados Unidos Mexicanos, 1940; resumen general. México,1951. 270 p. 254.5 Es823S

94622 SANTANDER, COLOMBIA. CONTRALORIA DEPT. DIRECCIÓN DEPT. DE ESTADÍSTICA. Anuario estadístico de Santander, 1950. Bucaramanga,1952. 99 p. 255.5 C7153
Contains agricultural statistics.

94623 SCHOLZ, M. Zur landwirtschaftlichen betriebszählung 1952. Statis. Praxis 7:145-147. Aug.1952. 251.8 St25
Russian Zone of Germany.

94624 SCHWARTZ, W. VON. Statistischer anhang. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.92-97. Kiel,1951. 33.27 Sch34

94625 SOVENKO, V. Calculating the crop and fulfillment of obligations to the State. (In Russian.) Kolkhoz. Proizvodstvo 12(5):54-55. May 1952. 281.8 K83

94626 SWEDEN. STATISTISKA CENTRALBYRÅN. Jordbruk och boskapsskötsel år 1951 [Farming and stockraising in 1951]. Stockholm,1952. 63 p. 257.3 St2J
Tables of contents and summary in English.

94627 THORNE, J. A report on peanut, popcorn and pecan acreage and prospects for 1952. Peanut J. & Nut World 31(11):26-27. Sept.6,1952. 77.8 P313

94628 WESTERN AUSTRALIA. STATISTICIAN. Statistical register of Western Australia for 1948-49. Perth,1952. various pagings. 271.7 R26S
Includes farm statistics.

BEVERAGES AND CONDIMENTS

94629 ALMEIDA, J. R. DE, and VALSECCHI, O. Fermentação do araca do Amazonas. Bras. Açucareiro 39:159-161.(Cont.) Feb.1952. 65.8 B73

94630 BAKER, G. A., AMERINE, M. A., and ROESSLER, E. B. Theory and application of fractional-blending systems. Hilgardia 21:383-409. May 1952. 100 C12H
In relation to wine aging.

94631 BEECH, F. W. Where cider gets its flavour. Grower [London] 38:342-343. Aug.23,1952. 286.83 M34

94632 BERTHAULT, P. La modification du statut viticole. Rev. Agr. de l'Afrique du Nord 50:398-399. June 20,1952. 80 R326

94633 BERTRAND, G., and SILBERSTEIN, L. Recherches sur le méthanol contenu dans le vin. Inst. Pasteur. Ann. 82:668-675. June 1952. 448.3 An75

94634 BEVERIDGE, E. A. More on hedging; here are more situations in which coffee men can use futures profitably. 4. Coffee & Tea Indus. 75(8):11,53,61. Sept. 1952. 389.8 Sp4

94635 BROUWER, T. Microchemical determination of theobromine and caffeine in cacao products. (In Dutch.) Chem. Weekbl. 48:582-583. Aug.9,1952. 385 C42

94636 CARMICHAEL, L. T. Non-devaluation—and Pakistan tea. Coffee & Tea Indus. 75(8):39. Sept.1952. 389.8 Sp4

94637 CARTWRIGHT, L. C., and KELLEY, P. H. Flavor quality and strength of propenyl guaethol as a vanilla extender or replacement. Food Technol. 6:372-376. Sept.1952. 389.8 F7398

94638 CEYLON. TEA CONTROLLER. Report for the nineteenth year of restriction, April 1, 1951, to March 31, 1952. Colombo,1952. 9 p. 286.3689 C332

94639 CHACKO, V. I. India's coffee experiment. Coffee & Tea Indus. 75(8):13,60-61. Sept.1952. 389.8 Sp4

94640 DALMASSO, G. Grapes and wine in Argentina. (In Italian.) Italia Agr. 89:425-437. July 1952. 16 It1
The industry.

94641 DEUTSCHER WEINBAUKONGRESS, 41, FREIBURG, 1952. Festschrift. Deut. Weinbau 7:383-468. Aug.20,1952. 390.8 W432

94642 DIRECTORY of wineries. Wines & Vines 33(9-A),144 p. Sept.15,1952. 95.8 C122

94643 FRIEDMAN, G. Trends in tea brokerage. Coffee & Tea Indus. 75(8):27. Sept.1952. 389.8 Sp4

94644 GALEONE, G. Production and trade in wine. (In Italian.) Taranto 6:121-122. May 1952. 280.8 T17

94645 GRANT, W. S. More dollars in fewer markets. Coffee & Tea Indus. 75(8):20,71. Sept.1952. 389.8 Sp4
Tea marketing.

94646 GRIFFITHS, SIR P. J. New factors in tea production. Coffee & Tea Indus. 75(8):30,77. Sept.1952. 389.8 Sp4

94647 GROSS, N. H. Testing consumer acceptance of your coffee. 1. Coffee & Tea Indus. 75(8):15,77. Sept. 1952. 389.8 Sp4

94648 GUYMON, J. F., and HEITZ, J. E. The fusel oil content of California wines. Food Technol. 6:359-362. Ref. Sept.1952. 389.8 F7398

94649 INDIA. MINISTRY OF FOOD AND AGRICULTURE. DIRECTORATE OF ECONOMICS AND STATISTICS. Indian coffee statistics, 1948-49 & 1949-50. Delhi,1951. 15 p. 269.5 C733

94650 IVES, N. C. Algunos principios del secamiento del grano. Café 14:2-5. May 1952. 68.29 In7

94651 JONES, L. W. Trends in spice distribution. 1. Coffee & Tea Indus. 75(8):73. Sept.1952. 389.8 Sp4

94652 JUON, P. L. How to eliminate certain defects due to bad wine manufacture. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(71/72):10-11. Aug.23, 1952. 281.8 Ag3

94653 KADEN, O. F. Rohkakao. Schokoladen-Handels-Ztg. 2(2):2-4. Feb.26,1952. 286.83 Sch6
The cacao industry.

94654 KELLER, J. Was die winzer bewegt? Deut. Weinbau 7:407,409. Aug.20,1952. 390.8 W432

94655 KEMBER, E. W. More good quality from North India. Coffee & Tea Indus. 75(8):35,39. Sept.1952. 389.8 Sp4
Tea.

94656 KLENK, E. Die bedeutung des kellerklimas für die entwicklung und die haltbarkeit der weine. II. Deut. Weinbau 7:237-238. May 20,1952. 390.8 W432

94657 KLENK, E. Behandlung der trauben und maische zur gewinnung von weiss- und rotweinen. Deut. Weinbau 7:335-338. July 20,1952. 390.8 W432

94658 KLENK, E. Ein neues gärverfahren. Deut. Weinbau 7:413-416. Aug.20,1952. 390.8 W432

94659 KLENK, E. Die praktische lenkung des bakteriellen säureabbaues im wein. Deut. Weinbau 7:287-290. June 20,1952. 390.8 W432

94660 LEITERMANN. Die wappen der weinbaugebiete. Deut. Weinbau 7:426-428. Aug.20,1952. 390.8 W432

94661 LENZ, F. Die bedeutung von stahltanks in der sektindustrie. Deut. Weinbau 7:421-422. Aug.20,1952. 390.8 W432

94662 LIEBIG, A. W. Champagner und deutscher markensekt-die könige des weines. Schokoladen-Handels-Ztg. 2(2):12-15. Feb.26,1952. 286.83 Sch6

94663 LOCKHART, E. E., and STANFORD, J. E. The taste interrelationship of monosodium glutamate and sucrose. Food Res. 17:404-408. July/Aug.1952. 389.8 F7322

94664 LOPEZ A., M. "Equilibrio de humedad" en el café pergamino. Cent. Nac. de Invest. de Cafe. Bibliot. B. Inform. 3(29):21-26. May 1952. 68.29 C332

94665 MANNING, S. A. Vermouth. Wynboer 21(251): 19. Aug.1952. 390.8 W724

94666 MARECA CORTES, I. El vino y el aire. Semana Vitivinic. 7(309):2. May 31,1952. 95.8 Se5

94667 MARESCALCHI, C. The European wine problem. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(71/72):1-2. Aug.23,1952. 281.8 Ag3

94668 MARESCALCHI, C. This summer, in the wine cellar. (In Italian.) Terra e Sole 120:271. Aug.1952. 16 T273
Italy.

94669 MEAD, S. Coffee. New Eng. Grocery & Mkt. Mag. 20(11):19-20. Sept.1952. 286.83 N44A
Outlook.

94670 MISAJLOVSKI, B. Selected wine ferments and their utilization in our wine industry. (In Serbo-Croatian.) Socijalističko Zemjodelstvo 4(3/4):54-57. Mar./Apr.1952. 280.28 So7
Yugoslavia.

94671 MONTANARI, V. Society wine cellars in Venezia; present situation and probable developments. (In Italian.) Agr. delle Venezie 6:346-357. Aug.1952. 16 Ag826

94672 MORELL, M. El café como negocio. Rev. del Café 8:9. July 1952. 8 R3295

94673 MÜLLER, K. Verdiente badische weinfachmänner. Deut. Weinbau 7:400-401,403. Aug.20,1952. 390.8 W432

94674 OLMO, H. P. Die drucktankvergärung der weine. Deut. Weinbau 7:238-240. May 20,1952. 390.8 W432

94675 PETERSHAM, H. How co-operative marketing is helping small cocoa farmers. Cyprus. Dept. Coop. Co-op. Cyprus 26:7,9-10. June 1952. 280.29 C99C

94676 PIROVANO, A. The higher the fruit, the better its aroma. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:272-273. July 1952. 16 C72
Effects of altitude of grape culture on wine bouquet.

94677 RAINBOW, C. Some aspects of beer spoilage by micro-organisms. Inst. Brewing. J. (n.s.)49:249-251. July/Aug.1952. 390.9 In7

94678 RANZANI, G. The problem of vinasse in São Paulo. (In Portuguese.) Colheit. e Mercados 8(5/6):11-14. May/June 1952. 255.3 Sa652

94679 ROGER, L. Le traitement des vins au ferrocyanure de potassium. Agr. Prat. 116:399. Aug. 1952. 14 J82

94680 SARDOU, P. Pour faire du bon vin: conseils pratiques pour la vinification. Réveil Agr. 61:244-245. (Cont.) Aug.15,1952. 14 R322

94681 SCHANDERL, H. Die wirkung der schwefligen säure auf hefen, schimmelpilze und bakterien. Deut. Weinbau 7:338. July 20,1952. 390.8 W432
In wine manufacture.

94682 SINHA, M. K. Internal tea consumption. Tea Trade & Indus. 1:243-245. May 1952. 68.18 T225

94683 SMALLWOOD, R. B. Getting our story across. Coffee & Tea Indus. 75(8):19. Sept.1952. 389.8 Sp4
Tea.

94684 SPILLANE, E. J. Tea trends in the West. Coffee & Tea Indus. 75(8):29,39. Sept.1952. 389.8 Sp4

94685 STEUART, D. W. Redox potentials in cyder making. Chem. & Indus. 34:830-831. Aug.23,1952. 382 M31C

94686 SUČEVIĆ, O. Travarica whisky. (In Serbo-Croatian.) Biljna Proizvodnja 5:86-92. Mar./Apr.1952. 64.8 B49

94687 TESTA, J. Coffee in 1951. (In Portuguese.) São Paulo. Supt. dos Serv. do Café B. 27:487-491. (Cont.) June 1952. 68.29 Sa63

94688 UCHIMOTO, D., and CRUESS, W. V. Effect of temperature of certain products of vinous fermentation. Food Res. 17:361-366. Ref. July/Aug.1952. 389.8 F7322

94689 VAN ZYL, P. Must cooling. (In Afrikaans.) Wynboer 21(251):7,9. Aug.1952. 390.8 W724

94690 WAGNER, J. Zukünftige genossenschaftsprobleme. Deut. Weinbau 7:394-395. Aug.20,1952. 390.8 W432

94691 WARD, F. N. The Brewing Industries Research Institute. Master Brewers Assoc. Amer. Commun 13(7/8):8-11. July/Aug.1952. 390.9 M39C

94692 WEBBER, H. F. P., TAYLOR, L., and COMPTON, J. Plant sterilization in relation to production of unpasteurized bottled beer. Inst. Brewing. J. (n.s.)49:267-269. July/Aug.1952. 390.9 In7

94693 WEBER, R. O. The effect of soybean flakes on the brewing of beer. 1. Brewers Digest 27(8):37-42. Ref. Aug.1952. 390.8 B75

94694 WILES, A. E. Yeast haze and laboratory control. Inst. Brewing. J. (n.s.)49:252-259. July/Aug. 1952. 390.9 In7

94695 WÜRTTEMBERGISCHE LEHR- UND VERSUCHSANSTALT FÜR WEIN- UND OBSTBAU. Die kühlung der weine. Deut. Weinbau 7:417-421. Aug.20, 1952. 390.8 W432

DAIRY PRODUCTS

94696 AFANAS'EV, S. Achievements of the whole milk industry in 1951 and problems for 1952. (In Russian.) Moloch. Promysh. 13(5):24-27. May 1952. 44.8 M734

94697 AGAFONOV, P. Dairy industry in Bukovina. (In Russian.) Moloch. Promysh. 13(4):9-10. Apr.1952. 44.8 M734

94698 ALDINGER, K. Die molkereiwirtschaft Argentiniens. Milchwissenschaft 7:264-267. Aug.1952. 44.8 M5933

94699 ANDERSON, D. S. Changes in milk production and use. DPMA News 12(6):8-11. Mar.1952. 280.28 D144

94700 ANTONOV, S. Achievements of the butter manufacturing industry in 1951 and problems of 1952. (In Russian.) Moloch. Promysh. 13(5):6-10. May 1952. 44.8 M734

94701 BARABASH, S. Achievements of the cheese making industry in 1951 and problems of 1952. (In Russian.) Moloch. Promysh. 13(5):11-14. May 1952. 44.8 M734

94702 BENDIXEN, H. A. Our association, our industry, our world. J. Dairy Sci. 35:711-717. Aug.1952. 44.8 J822
American Dairy Science Association.

94703 BÖCKLEIN, H. Ein jahr auf und ab in der milchwirtschaft. Landwirt. Wchnbl. 142:909-910. Aug. 16,1952. 18 L2338
Germany.

94704 BRAUN, T. Warum qualitätsmilch? Die volks- und betriebswirtschaftliche bedeutung der milch. Deut. Molk.-Ztg. 73(32):inside front cover. Aug.8,1952. 44.8 Su2

94705 BRIQUET JUNIOR, R. Goat's milk. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:132. 1951. 41.8 V6435

94706 BULKLEY, G. S. Trends in the dairy industry. Holstein-Friesian World 49:1936,1984-1985. Sept.6, 1952. 43.8 H742

94707 BULKLEY, G. S. Trends in the dairy industry. West. Dairy J. 8(10):36-38. Aug.1952. 44.8 W524

94708 BURG, J. VAN DER. California and milk. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:486-487. July 30,1952. 44.9 AL3

94709 CANGIULLI, A. Cheeses and their classification. (In Italian.) Allevatore 8:29):5-6. July 1952. 49 AL55

94710 CATALA, C. La Confédération des Producteurs et des Industriels de Roquefort. Mouton 7:49-50. May 1952. 45.8 M86

94711 DAVIES, P. Dairy farmers of tomorrow. Milk Indus. 33(2):42-45. Aug.1952. 44.8 M593
Teaching at the Berkshire Institute of Agriculture.

94712 DIRKES, H. J., and others. What's ahead for 1953? Ice Cream Trade J. 48(9):60-62,64,184-194. Sept.1952. 389.8 Ic2
Contributions by various authors.

94713 DOMINION DAIRY CONFERENCE (NEW ZEALAND). Proceedings of the twenty-first conference held in Wellington, June 12 & 13, 1952. Wellington,1952. 68 p. 44.9 D712

94714 FLEURY, F. La chèvre laitière a-t-elle sa place dans Québec? B. des Agr. 34(8):9,48-49. Aug. 1952. 7 B872

94715 GISIN, I. On out-of-date terminology [in dairy industry]. (In Russian.) Moloch. Promysh. 13(6):37. June 1952. 44.8 M734

94716 GMELIN. Hoffnungen und gefahren für die milcherzeugung. Württemb. Wchnbl. f. Landwirt. 119: 738. Aug.16,1952. 18 W96

94717 HARMAN, T. D., and GOULD, I. A. Consumer sherbet study. Ice Cream Field 60(3):122,124, 126,128-130. Sept.1952. 389.8 Ic23

94718 HARRINGTON, A. H., and CALHOUN, W. Dairy balance in the West; production and consumption now, and what the situation may be in 1960. Agr. Situation [Washington] 36(7):12-13. July 1952. 1 Ec7Ag

94719 ISHERWOOD, A. W. Creamery management in Wales. Soc. Dairy Technol. J. 5:218-223. July 1952. 44.8 So12
Includes discussion.

94720 JENSEN, H. M. The dairy industry in Denmark, 1951. I. (In Danish.) Tidsskr. f. Landøkon. 7/8: 323-336. July/Aug.1952. 11 T43

94721 KAPELLER, K. Die argentinische lebensmittelgesetzgebung über käse. Milchwissenschaft 7:299-301. Sept.1952. 44.8 M5933
English summary.

94722 KOLB. Die milchwirtschaft im neuen lande Baden-Württemberg. Deut. Molk.-Ztg. 73:1003-1005. Aug.8,1952. 44.8 Su2

94723 LAUTERBACH, A. H. What's ahead for the dairy farmer? Amer. Milk Rev. 14(9):24,26,118-119. Sept.1952. 44.8 Am38

94724 LEWIS, J. Dairy education in Wales. Soc. Dairy Technol. J. 5:232-239. July 1952. 5:232-239, July 1952. 44.8 So12
Includes discussion.

94725 LÖSCH. Mehr vertrauen zum krisenfonds! Allgäuer Bauernbl. 20:428. Aug.14,1952. 18 AL53

94726 MATALLANA VENTURA, S. Crisis en la industria quesera nacional. Siembra [Madrid] 7(6):3-4. June 1952. 15 Si1
Spain.

94727 MEENEN, H. J. Supply and utilization of milk sold in Arkansas. Ark. Agr. Expt. Sta. B. 524,61 p. June 1952. 100 Ar42

94728 MIKHAĬLOV, D. Socialist competition at the enterprises of Briansk Combine. (In Russian.) Moloch. Promysh. 13(5):40-41. May 1952. 44.8 M734
Achievements of butter industry.

94729 OBRAZTSOV, M. Poltava milk plant. (In Russian.) Moloch. Promysh. 13(7):24-25. July 1952. 44.8 M734

94730 OSKARDOV, P. Greater attention to milk procurements exceeding the plan. (In Russian.) Moloch. Promysh. 13(6):4-6. June 1952. 44.8 M734

94731 PANCHENKO, G. Mechanization of factories in the whole milk industry. (In Russian.) Moloch. Promysh. 13(7):10. July 1952. 44.8 M734

94732 RAKOČEVIĆ, M. Dairy industry in Sinjajevina and the measures for its improvement. (In Serbo-Croatian.) Stočarstvo 6:165-169. (Cont.) Apr.1952. 43.8 St6

94733 RIBEIRO, J. A. Milk supply in Curitiba. (In Portuguese.) Rev. dos Criadores 23(5):12. May 1952. 43.8 R32

94734 ROSSI, R. P. The Turin milk central. (In Italian.) Colt. e Glor. Vinic. Ital. (n.s.)98:279-283. July 1952. 16 C72

94735 SCHÜTTAUF. Los problemas de la leche y de la mantequilla. B. de Oleicult. Internac. 2(8):59-63. May/June 1952. 307.8 B63
Germany.

94736 SIDORIN, ĬA. We shall increase the production of milk sugar. (In Russian.) Moloch. Promysh. 13(6):7. June 1952. 44.8 M734

94737 SMILLIE, D. M. The cream trade. Soc. Dairy Technol. J. 5:260-266. July 1952. 44.8 So12
Includes discussion.

94738 TOLMACHEV, G., and SOKOLOVA, Z. The effort for rhythmic operation of the factory, for speeding up the production cycle. (In Russian.) Moloch. Promysh. 13(4):1-5. Apr.1952. 44.8 M734
Kalacheevskiĭ butter factory of the Voronezh Combine.

94739 VLASOV, I. Technical and economic grounds for building [dairy] enterprises. (In Russian.) Moloch. Promysh. 13(7):11-13. July 1952. 44.8 M734

94740 WEKRE, E. On a visit to Finland. (In Norwegian.) Meieriposten 41:575-579,594-601. (Cont.) Aug.9-16,1952. 44.8 M47
The dairy industry in Finland.

94741 WHITE, J. C., and HOLLAND, R. F. Things to come in plants and processing. Amer. Milk Rev. 14(9): 34,36,108-109. Sept.1952. 44.8 Am38

94742 WIESENDANGER, H. Bauliche und technische verbesserungen der milchsammelstellen zur qualitätsförderung der konsummilch im gebiet des Verbandes Nordostschweizerischer Käserei- und Milchgenossenschaften in Winterthur. Grüne 80:931-948. Aug.22,1952. 17 Sch9
Dairy industry.

94743 WITZEL, S. A. The impact of industry. South. Dairy Prod. J. 52(3):138-139,144-145. Sept.1952. 44.8 So83
Dairy industry management.

94744 ZWAGERMAN, C. Milk, our national raw material number one. 1. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:504-505. Aug.6,1952. 44.9 AL3

Analysis and Composition

94745 BREIREM, K. Fat percentage of milk. (In Norwegian.) Buskap og Avdrått 2:28-31. 1952. 49 B96

94746 CREPIN, J. L'iode dans le lait de chèvre. (Extr.) Mouton 7:80. July 1952. 45.8 M86

94747 DAVIDOV, R., and BELOVSKAIA, V. Acidity of fresh milk. (In Russian.) Moloch. Promysh. 13(7):27-30. July 1952. 44.8 M734

94748 DAVIDOV, R., and GUL'KO, L. Change in B_1, B_2, and PP vitamin content in canned milk products. (In Russian.) Moloch. Promysh. 13(6):34-36. June 1952. 44.8 M734

94749 D'IACHENKO, P. News in chemistry and physics of milk. (In Russian.) Moloch. Promysh. 13(6): 23-29. June 1952. 44.8 M734

94750 DILANĬAN, Z., and GABRIELĬAN, T. Physico-chemical properties of milk and Swiss cheese technology at Krasnosel'skiĭ Factory. (In Russian.) Moloch. Promysh. 13(4):37-39. Apr.1952. 44.8 M734

94751 DJURIŠIĆ, M., and HARISIJADES, S. L'analise du lait au marché de Beograd sur al présence de bacille de Koch. (In Serbo-Croatian.) Vet. Glasnik 6:29-35. Ref. Jan.1952. 41.8 J93
French summary.

94752 FIALKOV, A. Distribution of fat in milk by size of fatty granules. (In Russian.) Moloch. Promysh. 13(7):36-37. July 1952. 44.8 M734

94753 FORTIN, L. DE G. Les solides non-gras du lait. Québec Lait. 11(7):16-18. July 1952. 44.8 Q3
Includes nutritive value.

94754 GABEL, W. Probleme um die bakteriologische beurteilung des speiseeises. Molk.-Ztg. 6:863-864. Aug.14,1952. 44.8 M735

94755 GROSS, R. Zur frage der milchpasteurisation: das verhalten einiger mikroorganismen in pasteurisierter milch. Landwirt. Jahrb. der Schweiz (n.s.)1:199-253. Ref. 1952. 17 L23

94756 GYLLENBERG, H. 2,3,5-Triphenyltetrazolium chloride—a new indicator for the reductase test. (In Swedish.) Mejeritidskrift 14:51-53. June 1952. 44.8 M472

94757 HOLMES, A. D. Ascorbic acid in tocopherol-enriched milk. Food Res. 17:367-369. July/Aug.1952. 389.8 F7322

94758 HÜTTIG, C., and SCHRÖDER, H. Der neue milchfilter "reduktase-favorit." Molk.- u. Käserei-Ztg. 3:994-996. Aug.14,1952. 44.8 M736

94759 KAWASAKI, D., WILDASIN, H. L., and ANDERSON, E. O. A modification of the Babcock test for chocolate milk employing quaternary ammonium compounds. Conn. (Storrs) Agr. Expt. Sta. B. 282,16 p. Nov.1951. 100 C76S

94760 MOHR, W., and JÜNGER, R. Fetteinheitenverbrauch je kilogramm butter. II. Durchschnittsprobenahme und analytische fettbestimmung nach Weibull-Stoldt. Deut. Molk.-Ztg. 72:655-657. May 25,1951. 44.8 Su2

94761 MULVANY, J. L. La prueba del alcohol. Chacra 22(261):18. Aug.1952. 9 C34
For milk.

94762 OXHOLT-HOVE, H. Preservation of milk samples for analysis. (In Norwegian.) Meieriposten 41:583-585. Aug.9,1952. 44.8 M47

94763 RIEDEL, W. Schnellmethode zur bestimmung des kochsalzgehaltes der butter. Molk.-Ztg. 6:833. Aug.7,1952. 44.8 M735

94764 RITTER, W. Die verwendung der phosphataseprobe im milchwirtschaftlichen laboratorium. Milchwissenschaft 7:301-308. Ref. Sept.1952. 44.8 M5933
English summary.

94765 SCHWARZ, G., and LANGE, W. Über die eignung des natriumsalzes der phenolphthalein-diphosphorsäure für den nachweis der milchphosphatase in kurzzeiterhitzter milch und daraus gewonnener labmolke. Deut. Molk.-Ztg. 73:1001-1003. Ref. Aug.8,1952. 44.8 Su2

94766 STOLDT, W. Vergleichende fettgehaltsbestimmungen in käse. Molk.- u. Käserei-Ztg. 3:996-998. Aug.14,1952. 44.8 M736

94767 TURCOTTE, L. D. La sédimentation du lait. Québec Lait. 11(7):19. July 1952. 44.8 Q3
Test.

94768 VLODAVETS, I., D'IACHENKO, P., and BOGOMOLOVA, E. Determining the size of casein particles in milk. (In Russian.) Moloch. Promysh. 13 (7):33-36. July 1952. 44.8 M734

94769 VOLOTOVSKII, D. Continuous method of butter analysis for moisture content. (In Russian.) Moloch. Promysh. 13(6):38-39. June 1952. 44.8 M734

94770 WINDISCH, S. Ueber Pseudomonilia rubescens. Milchwissenschaft 7:260-261. Aug.1952. 44.8 M5933
English summary.
In butter.

94771 ZURECK, F., and DIETRICH, A. Ein beitrag zur differenzierung von streptokokken aus mastitismilch Berliner milchbetriebe. Monatsh. f. Prakt. Tierheilk. 4:193-205. Ref. 1952. 41.8 M74

Consumption and Utilization

94772 BOYSEN, H. Fast die hälfte aller milchkalorien für den Bund. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.78-79. Kiel,1951. 33.27 Sch34
Quantity of milk produced for domestic consumption and export.

94773 KOLLER, E. F., and STALLINGS, D. G. Home use of nonfat dry milk. Butter, Cheese & Milk Prod. J. 43(9):58. Sept.1952. 286.85 B98Bu

94774 PIERCE, J. B. Making cheese from surplus milk. Farm Q. 7(3):81-83,92,94,96-99. Autumn 1952. 6 F22995

Distribution, Marketing, and Transportation

94775 BABIONE, F. A. It's time to plan your sales strategy for 1953! Ice Cream Trade J. 48(9):112-113, 195-199. Sept.1952. 389.8 Ic2

94776 BRAND, A. La commercialisation du lait et des produits laitiers en Suisse. Québec Lait. 11(7):34-37. July 1952. 44.8 Q3

94777 BURTON, G. L. The transportation of milk from farm to dairy in a part of the Montreal milkshed. Macdonald Col. Tech. B. 19,25 p. Apr.1952. 101 M143

94778 ERHART, G. Die genossenschaftliche milchverwertung im rahmen der marktwirtschaft. Wien, Allgemeiner Verband für das Landwirtschaftliche Genossenschaftswesen in Österreich,1951. 13 p. 281.344 Er3

94779 FINNEBURGH, M. L. Save the "bulk" of your business. Ice Cream Trade J. 48(9):100-101,211. Sept. 1952. 389.8 Ic2

94780 GODBOUT, M. L. Opinion sur les tendances et les besoins des consommateurs. Québec Lait. 11(7): 26-29. July 1952. 44.8 Q3
Milk publicity.

94781 GRIMMINGER, E. Milchwerbung und milchabsatzförderung. Raiffeisen-Rundschau 4:186-187. Aug. 1952. 284.28 R132
Germany.

94782 GUNDLACH, G. P., and ESMOND, C. W. Selling milk in 1975. Amer. Milk Rev. 14(9):44-45,113-114. Sept.1952. 44.8 Am38

94783 HARRIS, E. S. Early development of milk marketing plans in the Kansas City, Missouri, area. U. S. D. A. Mktg. Res. Rpt. 14,100 p. May 1952. 1 Ag84Mr

94784 HIKURANGI CO-OPERATIVE DAIRY CO. Forty-seventh annual report and balance sheet 31st May, 1951. Hikurangi,1951. 13 p. 280.2449 H53

94785 HIRSCH, D. E. Fifty ways to lower milk distribution costs. News Farmer Coop. 19(6):7,14-15. Sept. 1952. 166.2 N47

94786 MACKEY, J. H. Importance of public relations to the dairy industry. Canad. Dairy & Ice Cream J. 31 (8):44,52-54. Aug.1952. 44.8 C162

94787 MILES, J. F. Seasonality of purchases and sales of milk in South Carolina. S. C. Agr. Expt. Sta. B. 400,29 p. June 1952. 100 So8

94788 MYRICK, N. Tomorrow's market. Amer. Milk Rev. 14(9):21-23,127. Sept.1952. 44.8 Am38
Milk.

94789 NEW SOUTH WALES. MILK BOARD. Report for the year ended 30th June, 1951. Sydney,1952. 16 p. 281.3449 N472

94790 ROBBINS, H. H. 300,000,000 consumer sales messages on package ice cream. Ice Cream Trade J. 48(9):114-115,178. Sept.1952. 389.8 Ic2

94791 STEPHENS, R. L. Planning ice cream advertising. Ice Cream Trade J. 48(8):34,84. Aug. 1952. 389.8 Ic2

94792 THOMSON, W. D. Milk distribution in Northern Ireland. (Condensed.) Soc. Dairy Technol. J. 5:254-259. July 1952. 44.8 So12

Grading, Inspection, Standardization, and Quality

94793 ALLAHABAD AGRICULTURAL INSTITUTE. Fourth annual report on quality improvement in milk and milk products and its costing for the period of 1 April, 1950 to 31 March, 1951. 1-2. Allahabad,1951. 2 v. 44.9 AL52

94794 AMERICAN PUBLIC HEALTH ASSOCIATION. Standard methods for the examination of dairy products. Amer. J. Pub. Health 42:1131-1134. Sept.1952. 449.9 Am3J
Proposed changes for the tenth edition of this work; A. H. Robertson, chairman of editorial committee.

94795 BORISOV, S. We shall improve the quality of butter. (In Russian.) Moloch. Promysh. 13(5):15-19. May 1952. 44.8 M734

94796 EDWARDS, R. T. The quality of milk. Inst. Weights & Measures Admin. Mon. Rev. 60(3,sup.),7 p. Ref. Mar.1952. 212.9 In2
Great Britain.

94797 ESKERUD, O. On the basis for payment of milk according to fat content by the milk plants. (In Norwegian.) Buskap og Avdrätt 2:24-25. 1952. 49 B96
Norway.

94798 FAĬNBRUN, D. On planning indexes of quality [in cheese manufacture]. (In Russian.) Moloch. Promysh. 13(4):17-20. Apr.1952. 44.8 M734

94799 GT. BRIT. MINISTRY OF AGRICULTURE AND FISHERIES. Taints in milk. Gt. Brit. Min. Agr. & Fisheries Adv. L. 322,6 p. Apr.1952. 10 G79La

94800 GT. BRIT. MINISTRY OF HEALTH. Report covering the period from 1st April, 1950 to 31st December, 1951. II. On the state of the public health, being the annual report of the Chief Medical Officer for the year 1950. London,1952. 192 p. 449.75 G79A
Includes dairy products regulation and the nutrition program.

94801 HAYN, W. Aktuelle fragen zur milchhygiene. Deut. Landwirt. 3:386-388. July 1952. 18 D4822

94802 HUTTON, J. T., and PATTON, S. The origin of sulfhydryl groups in milk proteins and their contributions to "cooked" flavor. J. Dairy Sci. 35:699-705. Ref. Aug.1952. 44.8 J822

94803 JENSEN, J. M., and TROUT, G. M. When your ice cream is judged. Ice Cream Field 60(3):106,108,110, 112,114,116,118,120. Sept.1952. 389.8 Ic23

94804 KARSTEN, K. Ist der runderlass des Reichsministers des Innern vom 15.2.1943-3b 3360/42/4500 über die beanstandung von milch wegen Abortus-Bang-infektion abänderungsbedürftig? Lebensmitteltierarzt 3:61-63. July 1952. 41.8 L49
Milk tests.

94805 KHMELEV, A. We shall improve the quality of processed cheese. (In Russian.) Moloch. Promysh. 13(7):22-23. July 1952. 44.8 M734

94806 KNEUTTINGER. Milcherzeugnisse—gesund, gut und haltbar. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.79,81. 1951. 33.27 Sch34

94807 KOSTYGOV, V. On quality and assortment of cheese. (In Russian.) Moloch. Promysh. 13(5):20-23. May 1952. 44.8 M734

94808 MAYER, T. Erstes änderungsgesetz zum milch- und fettgesetz. Deut. Molk.-Ztg. 73:1007-1008. Aug.8,1952. 44.8 Su2

94809 OBRE, and others. Le paiement du lait à la qualité. Tech. Lait. 8(111):14-19. Aug.8,1952. 44.8 Of2
Picard, Brault, Gaignet, Lucas, Mathieu, Dubreuil, Richard, Bertand, and Scoupe, joint authors.
A discussion.

94810 PREVOT, A. R., and TOUVENOT, H. Le lait peut-il transmettre les maladies anaérobies? Inst. Pasteur. Ann. 83:180-185. Aug.1952. 448.3 An75

94811 RIBEIRO, J. A. Why three types of milk? (In Portuguese.) Gado Holandês 16(182):16-19. Feb.1952. Feb.1952. 43.8 G112

94812 SCHULZ, M. E. Klassifizierung von käse. Milchwissenschaft 7:292-299. Sept.1952. 44.8 M5933
English summary.

94813 SPEINLE, X. Die qualitätsbezahlung der milch. Allgäuer Bauernbl. 20:424-425. Aug.14,1952. 18 AL53

94814 STEDJE, O. Is this the time to fight a battle for better milk quality? (In Norwegian.) Buskap og Avdrätt 2:6-9. 1952. 49 B96

94815 SVENSKA SMÖRPROVNINGARNA. Svenska Smörprovningarnas verksamhet under år 1951 [Activities of the Swedish Butter Testing Station during the year 1951]. Sweden. Lantbrstyr. Meddel. Ser. B: Lantbravd. 11,59 p. 1952. 11 Sw3Me

94816 THOMAS, S. B., and others. Heat resistant bacteria in raw milk. VI. The seasonal incidence of thermoduric organisms. Soc. Dairy Technol. J. 5:267-271. Ref. July 1952. 44.8 So12
B. F. Thomas, D. G. Griffiths, and D. Ellison, joint authors.

94817 TWOROGER, G. Defects in cream products. South. Dairy Prod. J. 52(3):132-134,143,146. Sept.1952. 44.8 So83

94818 WILSTER, G. H. New names for cheese types now established in Denmark. Amer. Dairy Prod. Rev. 14(9):44-45. Sept.1952. 44.8 Am37

Packing and Packaging

94819 DIXON, W. Cheese packaging. Butter, Cheese & Milk Prod. J. 43(9):42-43,60-64,66. Sept.1952. 286.85 B98Bu

94820 KOENEN, K. Braune oder farblose flaschen für homogenisierte milch. Molk.-Ztg. 6:831-832. Aug.7, 1952. 44.8 M735

94821 THE PAPER milk container, its development is a lesson to this industry today. Pulp & Paper 26(10): 30-32. Sept.1952. 302.8 P11

94822 SCHULZ, W. Erprobung eines neuen flaschenverschlusses für zu sterilisierende milch und milchprodukte. Milchwissenschaft 7:262-263. Aug.1952. 44.8 M5933
English summary.

Prices, Price Control, and Rationing

94823 DEETJEN, H. Milchpreis bleibt angelpunkt. Landwirtbl. Weser-Ems 99:807-808. Aug.14,1952. 18 L2345

94824 ESKERUD, O. Settling of cream accounts in the price adjustment. (In Norwegian.) Meieriposten 41: 527-530. July 19,1952. 44.8 M47

94825 SPENCER, L. The future of milk regulation and control. Amer. Milk Rev. 14(9):28,32,115-118. Sept.1952. 44.8 Am38
Prices.

94826 WALLS, C. E. S. This milk question. Butterfat 30(6):7. Sept.1952. 44.8 B98
Prices in Canada.

Processing and Storage

94827 ARBUCKLE, W. S. Calcium sulfate in ice cream. Ice Cream Field 60(3):132,134,136. Sept.1952. 389.8 Ic23

94828 BARSOV, I. Mechanization of milk receiving at the factories. (In Russian.) Moloch. Promysh. 13(4): 27. Apr.1952. 44.8 M734

94829 BELOUSOV, A. Scientific-research work in the cheese manufacturing industry. (In Russian.) Moloch. Promysh. 13(5):33-36. May 1952. 44.8 M734

94830 BENDIXEN, H. A., and DECKER, C. W. Stabilizer-emulsifier studies. Amer. Dairy Prod. Rev. 14(9):18-20,22,24. Sept.1952. 44.8 Am37

94831 CARNEIRO FILHO, J. J. Hygienic production of milk. (In Portuguese.) Rev. dos Criadores 23(4):51-53. Apr.1952. 43.8 R32

94832 CHABROV, I. Cheese ripening at refrigerating plants. (In Russian.) Moloch. Promysh. 13(5):37-38. May 1952. 44.8 M734

94833 COOPER, J. O., and CANNON, R. Y. Alabama Polytechnic Institute dedicates Arthur D. Burke dairy laboratory. South. Dairy Prod. J. 52(3):52,54,56-57. Sept.1952. 44.8 So83

94834 DEANE, D. D., and NELSON, F. E. Multiple strain bacteriophage infections of commercial lactic starters. J. Dairy Sci. 35:668-674. Aug.1952. 44.8 J822

94835 DRUSENDAHL, L. G. Sweeteners in ice cream. South. Dairy Prod. J. 52(3):67,76-77,80-81. Sept. 1952. 44.8 So83

94836 DUDENKOV, A. Combined souring of cream. (In Russian.) Moloch. Promysh. 13(4):40-42. Apr.1952. 44.8 M734

94837 EPATKO, M. Increasing the productive capacity of Fialkov's concentrator. (In Russian.) Moloch. Promysh. 13(4):21-22. Apr.1952. 44.8 M734
In condensed milk manufacture.

94838 FJAERVOLL, A. Bacteriophages in the dairy industry. (In Norwegian.) Meieriposten 41:521-527. July 19,1952. 44.8 M47

94839 FRAZER, J. R., NIELSEN, V. H., and NORD, J. D. The cost of manufacturing butter: A study based on data from 13 Iowa creameries. Iowa. Agr. Expt. Sta. Res. B. 389:783-860. June 1952. 100 Io9

94840 FRIEDEL, G. Das handwerkliche bei der Camembert-herstellung. Deut. Molk.-Ztg. 73:1005-1007. (Cont.) Aug.8,1952. 44.8 Su2

94841 GANGSAAS, H. A. H. Handling of milk on the farms. (In Norwegian.) Buskap og Agvrått 2:10-13. 1952. 49 B96
Includes milking.

94842 GARDINER, T. P. The cleansing, care and handling of dairy utensils and equipment. Fiji. Dept. Agr. Agr. J. 23(1):29-30. Mar.1952. 25 F47Ag

94843 GOULD, I. A. Function of the laboratory in dairy plant operation. Canad. Dairy & Ice Cream J. 31(8):35-36,38,40,56. Aug.1952. 44.8 C162

94844 GUNASEKERA, G. C. M. Produce clean milk. Ceylon Coconut Q. 3:31-32. (Cont.) Jan./Mar.1952. 77.8 C33

94845 HARLAND, H. A., COULTER, S. T., and JENNESS, R. The interrelationships of processing treatments and oxidation-reduction systems as factors affecting the keeping quality of dry whole milk. J. Dairy Sci. 35:643-654. Ref. Aug.1952. 44.8 J822

94846 HILL, H. Clean milk. London,Lewis,1952. 115 p. 44 H552C
Care and handling.

94847 IUSUFOV, S. Controlling the turning blue of brined cheese. (In Russian.) Moloch. Promysh. 13(7): 40-41. July 1952. 44.8 M734

94848 JAMOTTE, P., and PIRAUX, E. La conservation des beurres en frigo. Belg. Lait. 6(26):8-13. July 1952. 44.8 B412

94849 JAROUSSE, H. Nettoyage et désinfection en laiterie. Belg. Lait. 6(26):14-16. July 1952. 44.8 B412

94850 KHULLA, A., and KUZ'MENKO, A. Educational and training work at Medvedovskaia School of masters in cheese manufacture. (In Russian.) Moloch. Promysh. 13(4):11-16. Apr.1952. 44.8 M734

94851 KOEPENICK, E. L. "Hypertension" in the ice cream industry. Ice Cream Rev. 36(2):176-179. Sept.1952. 389.8 Ic22
Substitution of vegetable fat for butterfat in ice cream and ice cream mixes.

94852 KONINKLIJKE NEDERLANDSE ZUIVELBOND. COMMISSIE VAN TOLZICHT OP PROEFNEMINGEN. Testing of the Fritz apparatus put out by Roth. (In Dutch.) Nederland. Zuivelbond. Off. Orgaan 44:470-471, 488-489. July 23-30,1952. 44.9 AL3
H. Mulder, chairman.

94853 KOROLEV, A. Technology of production and quality of skim milk cheese. (In Russian.) Moloch. Promysh. 13(7):19-21. July 1952. 44.8 M734

94854 KOROLEV, M. Our method of work. (In Russian.) Moloch. Promysh. 13(5):43. May 1952. 44.8 M734
Cheese manufacture at Krasnogorodskii Factory of Veliki Luki Combine.

94855 LOUGHLIN, J. Australia's butter makers go back to school. Dairy Indus. 17:713,715. Aug.1952. 44.8 D1427

94856 MANAENKOV, P. Organization of skim milk cheese production. (In Russian.) Moloch. Promysh. 13 (5):38-39. May 1952. 44.8 M734

94857 MARSHALL, B. In-churn cooling of milk. Home Farmer 19(8):24-25. Aug.1952. 280.344 H75

94858 MATTSSON, R. On the separation of whey in the kettle in the manufacture of Emmental cheese. (In Swedish.) Mejeritidskrift 14:54-57. June 1952. 44.8 M472

94859 MEEV, B. Operation of continuous butter-making equipment. (In Russian.) Moloch. Promysh. 13(5):41-42. May 1952. 44.8 M734

94860 MOHR, W., and JÜNGER, R. Gebrauchsanweisungen für geprüfte reinigungs- und reinigungs- und desinfektionsmittel im praktischen betrieb. Molk.- u. Käserei-Ztg. 3:964-967. Aug.7,1952. 44.8 M736

94861 MOHR, W. Qualitätsforschung im dienste der milchwilchwirtschaft. In Landwirtschaftliche Forschung. Forschung für die praxis und mit der praxis, p.51-62. Darmstadt,Justus von Liebig Verlag,1951. 395 L23

94862 PETERSEN, N. Wie reinigt man am besten die käse-salzlake? Molk.-Ztg. 6:867-868. Aug.14,1952. 44.8 M735

94863 RIBEIRO, J. A. Continuous butter manufacture. (In Portuguese.) Rev. dos Criadores 23(5):53-54, 47. May 1952. 43.8 R32

94864 RUGABER, J. W. Sources of milk losses. Butter, Cheese & Milk Prod. J. 43(9):46-47,83-84,86. Sept.1952. 286.85 B98Bu
Care and handling.

94865 SACCO, P. The Milan dairy experiment center. (In Italian.) Mondo Agr. 3(32):6. Aug.10,1952. 16 M74

94866 SCHÖNBERG, F. Uber die uperisation, ein neues durchflussverfahren zur wärmebehandlung und entkeimung der milch. Lebensmitteltierarzt 3:70-71. July 1952. 41.8 L49
Ultra-pasturization.

94867 SHAMGIN, V. At the Minsk factory of processed cheeses. (In Russian.) Moloch. Promysh. 13 (4):8-9. Apr.1952. 44.8 M734

94868 SHEPPARD, D. The application of psychological methods to dairy technology. Dairy Indus. 17:707-710. Ref. Aug.1952. 44.8 D1427

94869 SHEURING, J. J. Ice cream shrinkage. Ice Cream Field 60(3):138,140-142. Sept.1952. 389.8 Ic23

94870 SHUBIN, M. Calculation of mixtures for the production of curd products. (In Russian.) Moloch. Promysh. 13(4):42-43. Apr.1952. 44.8 M734

94871 SHUVALOV, V., BUTVILOVSKIĬ, G., and TISHKINA, L. Drum cooler of small dimension [for cooling curds]. (In Russian.) Moloch. Promysh. 13(6): 16-17. June 1952. 44.8 M734

94872 SIRIK, V. Methods of continuous butter manufacture. (In Russian.) Moloch. Promysh. 13(6):18-22. June 1952. 44.8 M734

94873 SIRIK, V. Scientific-research work in the dairy industry. (In Russian.) Moloch. Promysh. 13(5): 28-32. May 1952. 44.8 M734

94874 STINE, C. M., and PATTON, S. Preparation of milk fat. II. A new method of manufacturing butteroil. J. Dairy Sci. 35:655-660. Aug.1952. 44.8 J822

94875 THOM, E. Today's $64 question: what about vegetable fat frozen desserts? Ice Cream Rev. 36(2): 66-67,182-186,188-189. Sept.1952. 389.8 Ic22

94876 TINLEY, J. M. Is California milk control legislation still necessary? Dairy Foods Rev. 56(9):32, 59. Sept.1952. 286.85 P11
Prices.

94877 TÍURNIKOV, S. Practices of the expert, F. IA. Zakharov. (In Russian.) Moloch. Promysh. 13(7):38-39. July 1952. 44.8 M734
At Armenskiĭ Butter Factory.

94878 TOBIAS, J., and TRACY, P. H. Are you prepared to meet the new additions to the frozen desserts family? Ice Cream Rev. 36(2):112,114. Sept.1952. 389.8 Ic22

94879 TOBIAS, J., and TRACY, P. H. Continuous pasteurization of ice cream mixes. Ice Cream Trade J. 48(9):116,118. Sept.1952. 389.8 Ic2

94880 UETZ, F. E. Modern sanitation in the ice cream plant. Ice Cream Trade J. 48(8):38-39,75-77. Aug.1952. 389.8 Ic2

94881 VAN DER ZANT, W. C., and CAULFIELD, W. J. Utilization of corn syrup solids in sherbet. Ice Cream Rev. 36(2):190,192-194,196,198-199. Sept.1952. 389.8 Ic22

94882 WILCKE, E. Uber homogenisiermaschinen. III. Die entwicklung der homogenisiervorrichtung. Molk.- u. Käserei-Ztg. 3:992-994. Aug.14,1952. 44.8 M736

94883 WITTIG, A. B. Stellungnahme zu dem artikel "Vergleiche über den homogenisierungseffekt bei mehrstufigem und einstufigem druckabfall im homogenisierkopf." Milchwissenschaft 7:258-259. Aug.1952. 44.8 M5933
Comment on paper by W. Schulz.

94884 ZHELTAKOV, A. Butter manufacture on equipment of continuous action. (In Russian.) Moloch. Promysh. 13(7):14-18. July 1952. 44.8 M734

Statistics

94885 MILES, J. F. Facts about dairying in South Carolina. S. C. Agr. Expt. Sta. C. 83,35 p. Jan.1952. 100 So8
Statistical.

94886 RIBEIRO, J. A. 3,200,000 liters of milk. (In Portuguese.) Gado Holandês 16(181):27-30. Jan.1952. 43.8 G112
Brazil.

FEED AND FORAGE CROPS

94887 AMERICAN FEED CONTROL OFFICIALS. Official publication 1952. Topeka,1952. 146 p. 389.7 As7

94888 AMERICAN FEED MANUFACTURERS ASSOCIATION. Estimated feed use and supplies for the 1951-52 feeding year. Chicago,1951. 15 p. 389.79 F32

94889 BABICH, A. G., and others. Certain ways of solving the feed problem in the area of the Stalingrad canal. (In Russian.) Bot. Zhur. 37:301-317. May/June 1952. 451 R923
T. K. Gordeeva, I. V. Kamenetskaia, and I. V. Larin, joint authors.

94890 BEREZIN, S., and MORYGANOV, A. Feed supply base of Vpered Collective Farm [in Borisoglebskiĭ District, IAroslav Region]. (In Russian.) Kolkhoz. Proizvodstvo 12(5):14-15. May 1952. 281.8 K83

94891 BERGER, W. C. Our mutual responsibilities. Assoc. Amer. Feed Control Off. Off. P. 1952:70-75. 389.7 As7

94892 BIRD, H. R. How crude is crude fiber? Assoc. Amer. Feed Control Off. Off. P. 1952:86-88. 389.7 As7
In feed.

94893 CAMPEN, W. A. C. Simple and rapid determination of the "sand" content of feeds. (In Dutch.) Chem. Weekbl. 48:579. Aug.9,1952. 385 C42

94894 CAVINA, R. Making tankage. (In Portuguese.) Lav. e Criação 13(5):25-26. May 1952. 49 L392

94895 CHERBONNIER, E. G. Stop light or road map. Assoc. Amer. Feed Control Off. Off. P. 1952:89-90. 389.7 As7
Feed regulation.

94896 DICKEY, E. F. Promoting feed sales as community enterprise. Grain & Feed J. Consolidated 109(4):24-28. Aug.27,1952. 298.8 G762

94897 DOYLE, B. K. More molasses for feeding. 1. Feedstuffs 24(35):20-21,37-39. Aug.30,1952. 286.81 F322
Situation and outlook.

94898 ETHEREDGE, M. P. The regulatory official and the second half. Assoc. Amer. Feed Control Off. Off. P. 1952:63-69. 389.7 As7

94899 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Futter und leistung; warum futterplan? Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 29,8 p. Oct.1951? 18 G312V

94900 HAIGH, L. D. The chemical analysis of grass, silage, hay, straw, concentrates, and miscellaneous feedstuffs. Mo. Agr. Expt. Sta. B. 579,18 p. June 1952. 100 M693

94901 HEISE, A. C. Feed control work in Canada. Assoc. Amer. Feed Control Off. Off. P. 1952:91-92. 389.7 As7

94902 KLEIN, G. T. Let's take another look at bulk feeding. Amer. Poultry J. 83(9):11,36. Sept.1952. 47.8 Am32

94903 KNUDSEN, A. Economic effects of expanded forage production in Danish agriculture. II. (In Danish.) Tidsskr. f. Landøkon. 7/8:305-322. July/Aug.1952. 11 T43

94904 LEOPOLD, R. Österreichs futtermittelversorgung im wirtschaftsjahr 1952/53. Bauer 5(28):2-4. Aug.16,1952. 19 B32

94905 LEOPOLD, R. Österreichs futtermittelversorgung im wirtschaftsjahr 1952/53. Landwirtschaft 15/16:220-222. Aug.1952. 19 L235

94906 LUTSENKO, M. To increase the production of feeds on collective farms. (In Russian.) Kolkhoz. Proizvodstvo 12(5):1-3. May 1952. 281.8 K83

94907 MARTINEZ DÍEZ, E. La paja de cereales como materia prima para la fabricación de levaduras pienso. Microbiol. Espan. 4:73-83. 1951. 448.3 M583

94908 MISSOURI. DEPT. OF AGRICULTURE. Missouri 1952 feed bulletin; report of analyses of commercial feed stuffs for 1951. Jefferson City,1952. 176 p. 389.79 M69

94909 MUNZBERG, H. DLG-kraftfutter-standards 1952/53. Deut. Landwirt.-Gesell. Mitt. 67:555-558. Aug.2,1952. 18 N39

94910 QUINTANILLA, C. F. Experiencias sobre forrajes. Agricultura [Madrid] 21:376-379. July 1952. 15 Ag84
Preservation.

94911 TULOU, J. La déshydratation des fourrages; les conditions qu'impose l'exploitation d'une machine à déshydrater. Rev. de l'Elevage 7:450-451,453. Aug./Sept.1952. 49 B462

94912 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. A look at crop prospects, by H. R. Walker and J. Towers. Washington,July 12,1952. 3 p. 1.914 R2R11
Feed grain crops.

94913 U. S. PRODUCTION AND MARKETING ADMIN. Cottonseed cake and meal; supplies for feed, United States, by quarters, October 1940 to date. Washington, 1952. 2 p. 1.956 G76C82

94914 U. S. PRODUCTION AND MARKETING ADMIN. Peanut cake and meal; supplies for feed, United States, by quarters, October 1940 to date. Washington,1952. 2 p. 1.956 G76P312

94915 WITTERN. Futtererzeugung und futterbedarf. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.67-69. Kiel,1951. 33.27 Sch34

94916 ZAFREN, S. How to determine the volume and weight of silage feed. (In Russian.) Kolkhoz. Proizvodstvo 12(5):56-57. May 1952. 281.8 K83

FIBERS AND TEXTILES

94917 ANDERSON, R. N., and CHASE, E. F., JR. From Belgian flax to Irish linen. Foreign Agr. 16:127-133. July/Aug.1952. 1.9 Ec7For

94918 BARAT, T. P. Indian cotton textile industry. Egypt. Cotton Gaz. 16:1-18. May 1952. 72.8 Eg9

94919 BARLOW, F. D., JR. International fiber competition. Egypt. Cotton Gaz. 16:21-36. May 1952. 72.8 Eg9

94920 BARR, T., and HAIGH, D. Wool/protein-fibre blends in felt manufacture. (Abs.) Textile Mfr. 78:393. Aug.1952. 304.8 T3126

94921 BAXTER, J. Short wool topmaking and post-war problems. Bradford Textile Soc. J. 1950/51:22-26. 304.9 B72

94922 BEEVERS, H. Wool combing. Wool Knowl. 2(6):22-27. Summer 1952. 304.8 W886

94923 BELL, J. W., and WHEWELL, C. S. The reaction between wool and nickelammonium hydroxide. I. Soc. Dyers & Colour. J. 68:299-304. Ref. Aug.1952. 306.9 So1

94924 BELL, W. R. 10 year history of cotton textiles:1942-1952. Linens & Dom. 45(2A):18-20,22. Aug.1,1952. 304.8 L642

94925 BHAT, G. N., and RAO, M. R. A. Studies on chrome-mordanting of wool. J. Sci. & Indus. Res. 11B: 67-75. Ref. Feb.1952. 475 J82

94926 BOSE, R. K., and BURMA, D. P. Paper chromatography in the study of sugar-constituents of jute-hemicellulose. Sci. & Cult. 18:39-40. July 1952. 475 Sci24

94927 BOUVET, R. Fiber-fabric relationships. Indus. & Engin. Chem. 44:2125-2128. Sept.1852. 381 J825

94928 BUNN, H. Cost and availability of raw materials. Indus. & Engin. Chem. 44:2128-2133. Sept. 1952. 381 J825
Includes protein fibers.

94929 CARLOS, J. Iconography of wool. V-VII. (In Portuguese.) Lanificios 2:248; 3:47-48,122-123. Nov. 1951,Mar.,May 1952. 45.8 L26

94930 CARTER'S directory of the textile industry in Northern Ireland and the Republic of Ireland, 1951. Belfast,Carter P.,1952. 159 p. 304.8 C24

94931 CASTRO ROMERO, A. Estudios estadísticos sobre medidas dinamométricas de la resistencia y otras características de la fibra de lana. I. Arch. de Zootec. 1:250-278. Ref. 1952. 49 Ar22
English summary.

94932 COMMODITY MARKETING CORPORATION. Potential market outlets for mohair. A report to the United States Department of Agriculture. Washington, U. S. Prod. & Mktg. Admin.,1952. 141 p. 1.956 M343P84

94933 COTTON production still moves westward! Acco Press 30(8):1-4. Aug.1952. 6 Ac2

94934 CUENCA, C. L. DE. Un microtome pour analyser la finesse des fibres de laine en coupe transversale. Inst. Textile de France. B. 33:59-62. June 1952. 304.8 T3145

94935 DACHTLER, H. Mikroorganismen der menschlichen haut und ihre wirkung auf verschiedene textilfasern. Melliand Textilber. 33:705-710. Aug.1952. 304.8 T312
English summary.

94936 DEMIDOV, S. Further development of collective farm flax production. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(6):11-19. June 1952. 281.8 So73

94937 DILLON, J. H. Tensile properties of newer fibers. Indus. & Engin. Chem. 44:2115-2122. Sept.1952. 381 J825
Includes rayon.

94938 DÖHLE, W. Eine uebersicht über die synthetischen fasern. Textil-Praxis 7:567-570. Aug.1952. 304.8 T3143

94939 ELÖD, E. Über natürliche und künstliche faserstoffe. Prakt. Chem. 3:73-76. Mar.1952. 384 P88
Analysis.

94940 ELÖD, E., and KRAMER, M. Zusammenhänge zwischen feinstruktur und knittereigenschaften von viskosereyon. II. Textil-Praxis 7:623-625, Aug.1952. 304.8 T3143

94941 ESCOBET, V. G. Carder with teasel or with metal parts. II. (In Portuguese.) Lanificios 2:245-247. Nov.1951. 45.8 L26

94942 FEDERAÇÃO NACIONAL DOS INDUSTRIAIS DE LANIFICIOS. Report and accounts, activities of 1951. (In Portuguese.) Lanificios 3:71-97. Apr.1952. 45.8 L26

94943 FINKELSTEIN, T., KARGIN, W., and ROGOWIN, S. Ueber die veränderung der physiko-mechanischen eigenschaften von zellulosefasern unter der einwirkung hoher temperaturen. Textil-Praxis 7:641-644, Aug.1952. 304.8 T3143

94944 FITZGERALD, L. K. Cotton. Indus. & Engin. Chem. 44:2164-2166. Sept.1952. 381 J825

94945 FOULDS, K. L. Wool and woollen pressed felt. Textile Mfr. 78:401-405. Aug.1952. 304.8 T3126

94946 FRANCE. COMITE CENTRAL DE LA LAINE. XXXme assemblée générale annuelle, 14 mai 1952. France. Comt. Cent. de la Laine. B. Lainier 823(sup.), 127 p. July 25,1952. 286.3459 F84B

94947 GALE, P. T., and SAGAR, H. The value of processing aids in the handling of fibres and fibre blends. (Abs.) Textile Mfr. 78:430,433. Aug.1952. 304.8 T3126

94948 GOLDBERG, J. B. Viscose. Indus. & Engin. Chem. 44:2169-2170. Sept.1952. 381 J825

94949 GREW, H. S., JR. Uses for the newer fibers; industrial applications. Indus. & Engin. Chem. 44:2140-2144. Sept.1952. 381 J825
Comparison of synthetic fibers and cotton.

94950 GUPTA, P. C. DAS, and others. The oiling of jute. I. Textile Mfr. 78:410-414. Aug.1952. 304.8 T3126
I. L. Tripathi, S. C. Roy, and Sen, M. K., joint authors.

94951 HALLETT, H. K. An appreciation of the textile industry. Textile B. 78(8):51-52. Aug.1952. 304.8 So82

94952 HENK, H. J. Einwirkung des lichtes auf textilfasern. Melliand Textilber. 33:488-491. June 1952. 304.8 T312
English summary.

94953 HÖCK, H. Ueber das verspinnen reiner zellwollpartien bzw. hochprozentiger zellwollbeimischungen in der streichgarnspinnerei. Textil-Praxis 7.585-586. Aug.1952. 304.8 T3143

94954 HUSSEIN, A. H., and ABDELHAFEZ, G. M. El algodón egipcio, su producción, control y méritos. B. Algodon. [Madrid] 5(18):5-7. July 1952. 286.82 B632

94955 INSTITUT DE RECHERCHES DU COTON ET DES TEXTILES EXOTIQUES. Activité, 1951. Coton et Fibres Trop. 7:5-126. First Semes.1952. 73.8 C82

94956 INTERNATIONAL WOOL FEDERATION. Travaux (conférence de Barcelone 1951). Inst. Textile de France. B. 33:39-66. June 1952. 304.8 T3145

94957 JOY, T. Thoughts on problems confronting the wool textile industry. Bradford Textile Soc. J. 1950/51: 14-19. 304.9 B72

94958 KILBORNE, W. S. Silk. Indus. & Engin. Chem. 44:2166-2168. Sept.1952. 381 J825

94959 KLEINERT, T. Gebundener kalk in kunstfaserzellstoffen und sein verhalten im viskoseprozess. II. Einfluss auf die viskosefiltration. Textil-Rundschau 7: 98-102. Mar.1952. 304.8 T3139

94960 KLOTZ, M. Englands fortschritte in der chemischen behandlung der viskose-zellwolle. Prakt. Chem. 3:45-48. Feb.1952. 384 P88

94961 LUYKEN, E., and WEGENER, W. Der witterungseinfluss auf die belastbarkeit gedehnter kunstseiden. Melliand Textilber. 33:767-770. Aug.1952. 304.8 T312
English summary.

94962 MCGILL, A., and WILD, H. Blends of acetate staple and other fibres. (Abs.) Textile Mfr. 78:395-396. Aug.1952. 304.8 T3126

94963 MCLAURINE, W. M. The southern textile heritage. 6. Textile B. 78(8):24,26-27. Aug.1952. 304.8 So82

94964 MARSHALL, G. Woollen carding and spinning. Bradford Textile Soc. J. 1950/51:112-114. 304.9 B72

94965 MARTIN, M. L'encollage en nappe des chaînes de rayonne. Inst. Textile de France. B. 33:33-38. June 1952. 304.8 T3145
English summary.

94966 MAURITIUS HEMP PRODUCERS' SYNDICATE. Rapport, 1950. Port-Louis,1951. 16 p. 73.29 M44

94967 MEYER, K. H. Konstitution und textur der nativen zellulose. Melliand Textilber. 33:485-488. Ref. June 1952. 304.8 T312
English summary.

94968 MONFORT, F. L'appréciation de la longueur de la laine sur ruban de peigné par les lainiers. 2. Inst. Textile de France. B. 33:41-53. June 1952. 304.8 T3145

94969 MONFORT, F. La répartition de la torsion dans les fils de laine peignée. Inst. Textile de France. B. 33:55-58. June 1952. 304.8 T3145

94970 NAKANISHI, M. On the fine structure of silk fibroin. II. Relation between fine structures and physical properties of silk fibroin samples differing in raw silk varieties. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:171-175. Nov.1951. 107.6 K995B
English summary.

94971 NAYAR, K. V. N., and GADKARI, P. D. A rapid method for determining the staple length of cottons. Indian Cotton Growing Rev. 6:82-89. Apr.1952. 72.8 In23

94972 NOTES on mildew and micro-organisms in textiles. Textile Mfr. 78:422-424. Ref. Aug.1952. 304.8 T3126

94973 NUDING, H. Versuche über die günstigste streckwerkseinstellung bei einriemchenstreckwerken an der ringspinnmaschine bei verspinnung von grobtitriger kräuselzellwolle. Textil-Praxis 7:576-577. Aug.1952. 304.8 T3143

94974 OLERUP, H. Calcul de la courbe variance-longueur pour un ruban idéal. Inst. Textile de France. B. 33:63-66. June 1952. 304.8 T3145
Wool fiber.

94975 PATTYN, J. The straw flax supply in 1951. II. (In Flemish.) Textielwezen 8(8):18-19. Aug.1952. 304.8 T3147
Belgium.

94976 PFEIFER, G., and MARTINA, A. Bleichen (unter besonderer berücksichtigung der natriumchloritbleiche), färben, vor- und nachbehandeln von stückware auf einer neuentwickelten zwillingshaspelkufe. Prakt. Chem. 3:171-173. July 1952. 384 P88
Textiles.

94977 PINTE, C. Quellung und quellungsanisotropie von kunstseide. Melliand Textilber. 33:699-704. Aug. 1952. 304.8 T312
English summary.

94978 QUAAS, K. Vereinfachtes verfahren zur verspinnung von zellwolle. Textil-Praxis 7:578-579. Aug.1952. 304.8 T3143

94979 QUIG, J. B., and DENNISON, R. W. Functional properties of synthetics. Indus. & Engin. Chem. 44:2176-2183. Ref. Sept.1952. 381 J825

94980 REINFELD, N. Faserbewegung und faserführung im hauptfeld eines streckwerkes für baumwolle und zellwolle. Melliand Textilber. 33:493-496. June 1952. 304.8 T312
English summary.

94981 RHODES, F. M. Service and research activities of the USDA Cotton Branch. Cotton Gin & Oil Mill Press 53(19):39,48-50. Sept.13,1952. 304.8 C822

94982 RIFAAT, M. A. Cotton finance and price. Egypt. Cotton Gaz. 16:77-82. May 1952. 72.8 Eg9

94983 ROBINSON, G. Wool and other fibres as components of carpet pile yarns. Textile Mfr. 78:417-418 Aug.1952. 304.8 T3126

94984 ROGANOV, B., and INOIATOV, A. Experiment in preliminary processing of machine harvested cotton. (In Russian.) Khlopkovodstvo 2:54-65. Feb.1952. 72.8 K522
Cleaning chiefly.

94985 ROOSEVELT, R. A. Tramp iron—a proven menace in cotton ginning operations. Cotton Gin & Oil Mill Press 53(18):30-31. Aug.30,1952. 304.8 C822

94986 RUCKSTUHL, C., and DURIG, G. Étude des paramètres intervenant dans la détermination du gonflement pondéral des viscoses. Inst. Textile de France. B. 33:9-20. Ref. June 1952. 304.8 T3145
English summary.

94987 SAHA, P. K. Viscosity of sodium salt of polyuronide hemicellulose from jute. Nature [London] 170:281. Aug.16,1952. 472 N21

94988 SARKAR, P. B. Mesta jute. Jute & Canvas Rev. 22(287):13,15. Aug.1952. 73.38 J982
Hibiscus cannabinus in India.

94989 SEN, K. R. An instrument for measuring the hardness of bast fibres. J. Sci. & Indus. Res. 11B: 221-225. June 1952. 475 J82
Tossa and white jute.

94990 SENGBUSCH, A. VON. Herstellung und berechnung der seile. Melliand Textilber. 33:498-500. June 1952. 304.8 T312
English summary.

94991 SENN, E. Situation économique du coton dans le monde. Coton et Fibres Trop. 7:127-135. First Semes.1952. 73.8 C82

94992 SIBLEY, W. A. L. The textile industry's interest in improved cotton breeding and production program. Cotton Gin & Oil Mill Press 53(19):18,31-33. Sept.13,1952. 304.8 C822
Chiefly on the cotton fiber.

94993 SIGSWORTH, E. M. The West Riding textile industry. III. The rise of the woollen factory. Wool Knowl. 2(6):16-21. Ref. Summer 1952. 304.8 W886

94994 SIKORSKI, J. Reversal of the molecular set in keratin. Nature [London] 170:275-276. Aug.16,1952. 472 N21

94995 SILVA, M. A. DA. Biological, chemical and physical aspects of wool. (In Portuguese.) Lanificios 2: 191-207. Ref. Aug./Oct.1951. 45.8 L26

94996 SIPPEL, A. Herstellung und anwendung der azetatstreckreyon. Textil-Praxis 7:574-576. Ref. Aug. 1952. 304.8 T3143

94997 SORKIN, N. Productive capacity of [cotton] pressing equipment. (In Russian.) Khlopkovodstvo 2:66-70. Feb.1952. 72.8 K522

94998 SOUTH AFRICAN WOOL DISPOSALS ORGANIZATION. Summary of statistics 1st July, 1951 to 30th June, 1952. Port Elizabeth,1952. 7 p. 281.3459 So82

94999 SOUZA, J. A. DE, and GROSZMANN, A. The importance of technological analysis of the fiber in cotton improvement. (In Portuguese.) Minas Gerais. Dept. de Prod. Veg. B. de Agr. 1(2):29-52. Feb.1952. 9.2 M663
English summary.

95000 SPOHR, W. Non-felting wools. (In Portuguese.) Lanificios 2:261-275. Dec.1952. 45.8 L26

95001 TEXTILE INSTITUTE. Annual conference; fibre blends. Textile Mfr. 78:391-396,430,433. (Cont.) Aug.1952. 304.8 T3126

95002 THIEME, G. The adhesiveness of rayon staple fibre and its influence during processing. Melliand Textilber. 33:14. 1952. 304.8 T312

95003 TOBLER, F. Biologische, chemische und mechanische pflanzenfaser-gewinnung im vergleich; eine übersicht der gegenwärtigen entwicklung. Textil-Rundschau 7:102-105. Mar.1952. 304.8 T3139

95004 U. S. BUR. OF AGRICULTURAL ECONOMICS. Cotton statistics; State data 1909-49, county data 1941-48. 14 nos. Washington,1951. 1.941 H2C823

95005 U. S. BUR. OF AGRICULTURAL ECONOMICS. Shorn wool production, 1952. Washington,1952. 2 p. 1.91 Ec742Woo

95006 U. S. BUR. OF ANIMAL INDUSTRY. Quality wool from range sheep. More meat for defense. Washington,1952. 2 p. 1.972 A2Q23

95007 U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. How to prepare raw wool at home for bedding. Rev. Washington,1952. 2 p. (HE 485-B) 1.982 A2H834

95008 U. S. PRODUCTION AND MARKETING ADMIN. Fiber and spinning test results for some varieties of cotton grown by selected cotton improvement groups, crop of 1952. Washington,1952. 3 p. 1.9422 C8R3

95009 VON BERGEN, W. Wool. Indus. & Engin. Chem. 44:2157-2163. Ref. Sept.1952. 381 J825

95010 WARDELL, W. A. Stabilization and shrinkage control. Amer. Dyestuff Rptr. 41:P546-P549. Sept.1, 1952. 306.8 Am3
Cellulose products.

95011 WHITAKER, C. H. La producción de abacá en Panamá. Hacienda 47(9):46-47. Sept.1952. 6 H11

95012 WHYTLAW, G. G. Manufacture of fabrics from blends of fibres. (Abs.) Textile Mfr. 78:391-393. Aug.1952. 304.8 T3126

95013 WINDEL, D. The raw cotton and cotton textile situation in the United Kingdom. Egypt. Cotton Gaz. 16:37-41. May 1952. 72.8 Eg9

95014 WOOL year book, 1952. Manchester,Textile Mercury,1952. 44,617 p. 45.8 W883
Textile industry.

95015 ZAHN, H. Amerikanische faser- und textilforschungs-laboratorien—bericht von einer studienreise nach den USA. Melliand Textilber. 33:550-551. (Concl.) Ref. June 1952. 304.8 T312

95016 ZILL, H. The "zillo test" apparatus for synthetic fibres. Melliand Textilber. 33:104,106. 1952. 304.8 T312

FRUITS, VEGETABLES, AND NUTS

95017 ADBISS, W. H. Cornish broccoli industry is a shadow of its former greatness. Farmer & Stock-Breeder 66(3278):41. Aug.19,1952. 10 F228

95018 ALDERMAN, D. C. Let's talk peaches. Pre-Pack-Age 5(12):11-14. Aug.1952. 280.38 P91
The industry, including packing.

95019 BLACK, G. The prospect for demand for early Thompson seedless grapes. Giannini Found. Agr. Econ. Mimeog. Rpt. 134,38 p. July 1952. 281.9 G34M

95020 CALABUIG Y CALABUIG, J. Exaltación de la fruta. I. Ceres [Valladolid] 17(194):21,23,25. Aug.1, 1952. 15 C33

95021 CÀNDIDA, F. The fig, democratic morsel. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(67): 9-10. Aug.9,1952. 281.8 Ag3
The industry.

95022 CANSTEIN, FREIHERR VON. Das weingesetz—ein wirtschaftsgesetz? Deut. Weinbau 7:327-328. July 20,1952. 390.8 W432

95023 CONSIGLIO, G. Bananas in Somaliland. (In Italian.) Affrica 7:189-191. July/Aug.1952. 280.8 Af2

95024 COOKE, F. C. Coconuts in 1951. Ceylon Coconut Q. 3:37-44. Jan./Mar.1952. 77.8 C33

95025 DUGGEN, H. Gemüsesamenbau auf gutem fundament. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.56-57. Kiel,1951. 33.27 Sch34
The industry.

95026 ETTINGER, J. Prospects of onion yields in the present year. (In Hebrew.) Hassadeh 32:373-374. May 1952. 26 H27

95027 FIERA DI BOLOGNA. III Mostra Nazionale Prodotti Ortofrutticoli Invernali, catalogo ufficiale [III National Winter Horticultural Products Show, official catalogue]. Bologna,1951. 55 p. 16 F46

95028 HEUCKMANN, W. Das rebbaugesetz des kantons Schaffhausen. Deut. Weinbau 7:227. May 20, 1952. 390.8 W432
Switzerland.

95029 HEYDEMANN. Tafelobst aus der elbmarsch. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.57-58. Kiel,1951. 33.27Sch34
The industry.

95030 HOLLEMAN, L. W. J. Tapioca as an agricultural industry product of Indonesia. J. Sci. Res. 1:10-12. Jan.1952. 475 J822

95031 MATHERLY, W. J. The future of Florida's citrus industry. Citrus Indus. 33(9):5-7,10. Sept.1952. 80 C49

95032 OESERT, K. Kartoffelanbau und -markt in der wende. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.51-52. Kiel,1951. 33.27 Sch34

95033 OREGON. STATE COLLEGE. Horticulture; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 15,22 p. Aug.1952. 100 Or3O
Chiefly fruits.

95034 PAÍATSYK, V. V., and PORTNOÏ, L. R. Ways of further advancement of collective farm vegetable production. (In Russian.) Sad i Ogorod 1:53-55. Jan. 1952. 80 Sa13

95035 RAMONA, R. DE. Organización comercial de la producción frutera. Cult. Mod. 35:243-244. July 1952. 15 C89
Spain.

95036 REED, J. H. The Texas pecan story. South. Food Processor 13(8):7-8,21. Aug.20,1952. 389.8 So82
The industry.

95037 REGGIO, L. Prospects of viticulture in the Aosta Valley. (In Italian.) Humus 8(6):12-14. June 1952. 16 H88

95038 RÜHMANN, R. Deutschlands kohlkammer. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.55-56. Kiel,1951. 33.27 Sch34
Schleswig-Holstein vegetable industry.

95039 SALA ROCA, E. La economía de la patata y sus mercados. Inst. Agr. Catalán de San Isidro. Rev. 101:131-133. June 1952. 15 Sa5

95040 SAVAGE, Z. One percent decrease in world citrus production. Citrus Mag. 15:16. Sept.1952. 80 C498

95041 U. S. BUR. OF AGRICULTURAL ECONOMICS. 1952 cranberry prospects. Portland,Oreg.,1952. 1 p. 1.941 H8C85

95042 WESTERN, H. N. Almond production in California. Grower [Adelaide] 6(12):20,38,41. June 1952. 80 G912

Analysis and Composition

95043 ARTSIKHOVSKAÍA, E. V., and SOKOLOVA, V. E. On the formation of ethyl alcohol and acetaldehyde in [stored] apple tissues. (In Russian.) Akad. Nauk SSSR. Dok. 84:765-768. June 1,1952. 511 P444A

95044 GREENWOOD, M. L., MCKENDRICK, M. H., and HAWKINS, A. The relationship of the specific gravity of six varieties of potatoes to their mealiness as assessed by sensory methods. Amer. Potato J. 29:192-196. Aug. 1952. 75.8 P842

95045 HEIMAN, J. Amino acids in vegetables. Prog. Agr. Ariz. 4(2):5. July/Sept.1952. 6 P9452

95046 SOÏFER, P. A. Determination of sulfur-containing amino acids and biological value of bean proteins. (In Russian.) Biokhimiîa 17:307-311. Ref. May/June 1952. 385 B523

95047 STRACHAN, C. C., and MOYLS, A. W. Rapid versenate methods for determining calcium in solutions and fruit and vegetable tissue for quality control. Food Technol. 6:333-336. Ref. Sept.1952. 389.8 F7398

Consumption and Utilization

95048 PENNISI, L. Utilization and physico-chemical and organoleptic aspects of citrus juices. (In Italian.) Ann. della Sper. Agr. (n.s.)6:907-922. Ref. 1952. 16 An76
English summary.

Distribution, Marketing, and Transportation

95049 ALDERMAN, D. C. Let's give the consumer a tree-ripened peach. Amer. Fruit Grower 72(9):9,22. Sept.1952. 80 G85

95050 BRESSLER, R. G., and FRENCH, B. C. Efficiency in fruit marketing; grading costs may be reduced about 25% for pears and over 50% for apples by applying operating standards. II. Calif. Agr. [Calif. Sta.] 6(7):7-8, 10. July 1952. 100 C12Cag

95051 BURDETTE, R. F., BRIGHT, I., and BAKER, C. K. Farmers' produce markets in the United States. III. Shipping point fruit and vegetable markets. U. S. D. A. Mktg. Res. Rpt. 17,72 p. May 1952. 1 Ag84Mr

95052 CALIFORNIA. BUR. OF MARKETS. Marketing program for figs, as amended, issued for written assent August 14, 1952. n.p.,1952. 18 p. 280.3939 C123M

95053 CRUESS, W. V. California bids for grape juice market. Amer. Fruit Grower 72(9):13,19. Sept. 1952. 80 G85

95054 DEULLIN. Etude sur la maturation de la banane en vue de l'amélioration des conditions de transport. Etudes d'Outre-Mer 35:191-205. May/June 1952. 286.8 M35

95055 HEINZE. Der grossmarkt in Bochum mit den augen eines eisenbahners gesehen. Früchte u. Gemüse Markt 4:1112-1114. Aug.22,1952. 286.83 F9425

95056 KIGER, H. C. Good merchandising sparks Diamond walnut sales. News Farmer Coop. 19(6):8-10. Sept.1952. 166.2 N47
Sold by the California Walnut Growers Association.

95057 LINZ, G. Wie der Bochumer Grossmarkt entstand und gross wurde. Früchte u. Gemüse Markt 4:1106-1110. Aug.22,1952. 286.83 F9425
Fruit and vegetables.

95058 NORTH-CENTRAL REGIONAL FRUIT AND VEGETABLE TECHNICAL COMMITTEE. Studies in Midwest apple marketing. Mich. Agr. Expt. Sta. Spec. B. 378,75 p. June 1952. 100 M58S

95059 SMITH, J. A. Report on the Northwest fruit industry's export market rehabilitation program. Appleland News 16(6):20-22,24. June 1952. 80 Ap53

95060 TORRES, J. DI P. Shipping and preservation of the banana. (In Portuguese.) Lav. e Criacão 13(4):8-10. Apr.1952. 49 L392

95061 WINSTON, J. R., and others. Rail refrigeration test with Florida citrus November, 1950. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 277,14 p. June 27,1952. 1.9 P772Ht
R. Cubbedge, H. W. Hruschka, and G. A. Meckstroth, joint authors.

95062 YORK, G. K. Prune market summary of 1951 season. Canad. Grower 126(3349):3-4,9-10. Sept. 13,1952. 80 C16

Grading, Inspection, Standardization, and Quality

95063 DEVER, G. B., JR. Defect detector developed. Fruit & Veg. Rev. 14(6):30. Sept.1952. 80 C1224

95064 DEVER, G. B., JR. Defect detector developed. Mktg. Activ. 15(7):16. July 1952. 1.942 A8M34
Device for measuring defects of fresh fruits and vegetables to determine grade standards.

95065 EASTWOOD, T. The effect of herbicides upon potatoes used for chipping. Amer. Potato J. 29:160-164. July 1952. 75.8 P842

95066 FERNÁNDEZ, A. Selección y calidad de manzanas. Agricultura [Madrid] 21:380-381. July 1952. 15 Ag84
Grading.

95067 FISHER, W. B., and VAN DUYNE, F. O. Effect of variations in blanching on quality of frozen broccoli, snap beans, and spinach. Food Res. 17:315-325. Ref. July/Aug.1952. 389.8 F7322

95068 GUYER, R. B., and KRAMER, A. Studies of factors affecting the quality of green and wax beans. Md. Agr. Expt. Sta. B. A68,44 p. n.d. 100 M36S

95069 HAMSON, A. R. Factors which condition firmness in tomatoes. Food Res. 17:370-379. Ref. July/Aug.1952. 389.8 F7322

95070 KUNKEL, R., and others. The mechanical separation of potatoes into gravity groups. Colo. Agr. Expt. Sta. B. 422-A,40 p. Ref. May 1952. 275.29 C71E
P. F. Gifford, A. D. Edgar, and A. M. Binkley, joint authors.

95071 LICCIARDELLO, J. J., ESSELEN, W. B., JR., and FELLERS, C. R. Stability of ascorbic acid during the preparation of cranberry products. Food Res. 17: 338-342. July/Aug.1952. 389.8 F7322

95072 LUND, O. Fruit sorting rules. (In Norwegian.) Norsk Hagetid. 68:138-139. Aug.1,1952. 80 N81

95073 OLSEN, R. W., STEARNS, C. R., JR., and HENDRICKSON, R. Examination of citrus juices processed from parathion-sprayed fruit. Food Technol. 6: 350-351. Sept.1952. 389.8 F7398

95074 PEARSALL, L. W. Facts about potato quality. Amer. Potato J. 29:182-185. Aug.1952. 75.8 P842

95075 PORTER, B. A., and FAHEY, J. E. Residues on fruits and vegetables. U. S. D. A. Ybk. 1952:297-301. 1 Ag84Y

95076 SCHLIEMANN, W. Anmeldungen zur pflanzkartoffel-anerkennung. Kartoffelwirtschaft 5:298-299. Aug.8,1952. 286.83 K14
Germany.

95077 SMITH, W. H. Deterioration in fruits and vegetables during marketing. Fruit-Grower 2949:22-23. July 3,1952. 80 F941

95078 U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of frozen asparagus. Washington,1952. 13 p. 1.942 V5As62
Supersedes standards that have been in effect since April 15, 1944.

95079 U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of frozen blueberries. Rev. Washington,1951. 8 p. 1.956 A2T2692

95080 U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of processed fruits and vegetables (canned, dried, and frozen). Washington, 1952. 3 p. 1.9422 FrUn3

95081 U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of processed raisins. Washington,1952. 15 p. 1.942 F32R13
Supersedes the standards that have been in effect since Oct. 15, 1946.

95082 U. S. PRODUCTION AND MARKETING ADMIN. U. S. standards for winter pears such as Anjou, Bosc, Winter Nelis, Comice, and other similar varieties. Washington,1952. 13 p. 1.942 F32P3123

Packing and Packaging

95083 BODO. Die sortierung und verpackung von kernobst. Obst u. Gart. 6:122-124. Sept.1951. 80 Ob75

95084 CHEAPER lemon carton boosts sales. Farm Mangt. 1(2):26-29. Jan./Feb.1952. 281.8 F2225

95085 COHEN, S. Consumer reactions to prepackaged tomatoes. (Condensed.) Pre-Pack-Age 5(12): 27. Aug.1952. 280.38 P91

95086 GODWIN, M. R. Consumer packaging as a method of retailing fruits and vegetables produced in the Northeast. II. Labor requirements, packaging costs and reductions in weight. N. Y. Agr. Col. A. E. 829, 29 p. July 1952. 281.9 C81

95087 LAWREN, J. Orange juice in an envelope. South. Food Processor 13(8):6-7. Aug.20,1952. 389.8 So82
Frozen concentrate.

95088 PRICE, H. H. It's up to us! (Condensed.) Pre-Pack-Age 5(12):27-29. Aug.1952. 280.38 P91
Packaging a quality tomato.

95089 RASMUSSEN, M. P. Packaging apples in consumer units at country points, 1950-51 season (a progress report). N. Y. Agr. Col. A. E. 836,13 p. Aug. 1952. 281.9 C81

95090 ROBERTSON, B. C., and ARONOW, W. A. Shipping carton economies. Mktg. Activ. 15(7):11-12. July 1952. 1.942 A8M34
Fiberboard containers for shipping prepackaged tomatoes.

95091 RYGG, G. L., and MCCOY, W. W. Corn prepackaging tested. West. Grower & Shipper 23(10):48-53. Sept.1952. 280.38 W52

95092 STOKES, F. C. Why not vine-ripened flavor in prepackaged tomatoes? (Condensed.) Pre-Pack-Age 5(12):26-27. Aug.1952. 280.38 P91

95093 WHAT happens to film-packed vegetables? Farm Mangt. 1(4):26-27. May/June 1952. 281.8 F2225

Prices, Price Control, and Rationing

95094 DITGES, H. Die leidige preisfrage. Obst u. Gemüse 4:784-785. Aug.21,1952. 286.83 Ob72
Fruit and vegetables in Germany.

95095 HINDMARSH, R. G. Do some planning now before you order seed potatoes. East. States Coop. 28 (9):5-6. Sept.1952. 280.28 Ea7
Chiefly on prices.

95096 HOOS, S. Statistical analysis of the annual average F. O. B. prices Pacific Coast canned pears, 1926-27 to 1951-52. Giannini Found. Agr. Econ. Mimeog. Rpt. 135,9 p. July 1952. 281.9 G34M

95097 KOCH, E. Mit zahlen lässt sich trefflich streiten. Obst u. Gemüse 4:782-783. Aug.21,1952. 286.83 Ob72
Fruit and vegetable prices in Germany.

95098 U. S. PRODUCTION AND MARKETING ADMIN. Apricots, 1951; weighted average prices received at eastern auction markets by varieties, by weeks, by markets, by G. K. York. Sacramento,1952. 8 p. 1.9 Ec741L
California Department of Agriculture, Bureau of Market News cooperating.
Also similar reports on prices of nectarines, peaches, pears, and plums.

95099 U. S. BUR. OF AGRICULTURAL ECONOMICS. Marketing margins for Florida oranges October 1951-June 1952, by D. B. Johnson. Washington,1952. 13 p. 1.941 M8M342

95100 U. S. PRODUCTION AND MARKETING ADMIN. Wholesale market prices at San Francisco for certain fruits and vegetables, 1951, by A. M. McDowell and F. R. Mallory. San Francisco,1952. 12 p. 1.9 Ec741L
California Department of Agriculture, Bureau of Market News cooperating.

Processing and Storage

95101 ALMEIDA, J. R. DE., and VALSECCHI, O. Fermenting Eugenia uvalha. (In Portuguese.) Bras. Açucareiro 39:263-264. Mar.1952. 65.8 B73

95102 BAUMEISTER, W. Kartoffellagerversuche mit agermin, belvitan K und rhizopon C. Angew. Bot. 26:33-35. Sept.1951. 450 An4

95103 BAUMEISTER, W. Künstliche wachsüberzüge und lagerfähigkeit verschiedener apfelsorten. Angew. Bot. 26:36-41. Sept.1951. 450 An4

95104 BOLTON, C. Spuds in the nude. Nation's Business 40(9):91. Sept.1952. 286.81 N212
Pre-peeled and cut potatoes.

95105 BORBOLLA Y ALCALÁ, J. M. R. DE LA, GOMEZ HERRERA, C., and GUZMÁN, R. Buffer system of brine solutions for pickled green olives. Indus. & Engin. Chem. 44:2227-2228. Sept.1952. 381 J825

95106 BRISTOL. UNIVERSITY. FRUIT & VEGETABLE PRESERVATION RESEARCH STATION. The annual report 1951. Campden,1951. 19 p. 389.9 B77A

95107 BROKAW, C. H. The role of sanitation in quality control of frozen citrus concentrates. Food Technol. 6:344-349. Ref. Sept.1952. 389.8 F7398

95108 BURTON, W. G. Studies on the dormancy and sprouting of potatoes. III. The effect upon sprouting of volatile metabolic products other than carbon dioxide. New Phytol. 51:154-162. Ref. Aug.1952. 450 N42
Includes effect of n-amyl alcohol and ethylene in storage.

95109 CAMPOS, J. En la importante industria del desecado de frutas, la ciruela Agen es la mas utilizada. Mundo Agr. 4(38):78-79. July 1952. 9 M92
Argentina.

95110 CULVER, W. H., and CAIN, R. F. Nature, causes and correction of discoloration of canned black-eye and purple hull peas. Tex. Agr. Expt. Sta. B. 748, 23 p. Ref. June 1952. 100 T31S

95111 DEWEY, D. H. Ammonia damage to stored fruits and nuts; sulfur dioxide as a corrective treatment. Ice & Refrig. 123(3):19-22. Sept.1952. 295.8 Ic2

95112 DHOPESHWARKAR, G. A., and MAGAR, N. G. Effect of blanching, processing & storage on the vitamin C content of some Indian fruits & vegetables. J. Sci. & Indus. Res. 11A:264-265. June 1952. 475 J82

95113 FRIEDMAN, B. A. The facts about vacuum cooling. Locker Plants & Frosted Foods 7(3):27. Aug.1952. 389.8 L792
Vegetables.

95114 FRIEDMAN, B. A. Vacuum cooling of fresh vegetables and fruits. Pre-Pack-Age 5(12):18-20,22, 25. Aug.1952. 280.38 P91

95115 HALLER, M. H., and others. Peach precooling tests, 1951. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 276,4 p. June 17,1952. 1.9 P772Ht
W. A. Radspinner, S. E. Womeldorph, Jr., M. A. Smith, and W. R. Wright, joint authors.

95116 HAWKINS, A., and JUNNILA, W. A. What it takes to store potatoes properly. East. States Coop. 28 (9):12-15. Sept.1952. 280.28 Ea7

95117 KELLY, E. Try frozen raspberries. N. Dak. Agr. Expt. Sta. Bimon. B. 14:223-226. July/Aug.1952. 100 N813B

95118 LAISNE, M. Fabrication industrielle de la sauce tomate. Rustica 25:776,785. Aug.17,1952. 14 R92

95119 LAYCOCK, G. Apple butter bee. Farm Q. 7(3):36,120-122. Autumn 1952. 6 F22995

95120 LEVIN, J. H., and GASTON, H. P. Reducing losses caused by apple bruising. East. Fruit Grower 15(6):11-12. Aug.1952. 80 Ea73

95121 MANNING, B. Get on the frozen gold train. Locker Plants & Frosted Foods 7(3):9,28. Aug.1952. 389.8 L792
Frozen orange concentrate.

95122 MARSHALL, C. R., and WALKLEY, V. T. Some aspects of microbiology applied to commercial apple juice production. VI. The significance of changes in the relative incidence of spoilage organisms during processing. Food Res. 17:307-314. July/Aug.1952. 389.8 F7322

95123 MATHUR, P. B., SINGH, K. K., and KAPUR, N. S. Studies in the cold storage of knol kohl (kohl rabi). Indian J. Hort. 9(2):8-13. June 1952. 80 In2

95124 MOERMAN, J. A. S. Deepfreezing of vegetables and fruit. (In Dutch.) Groenten en Fruit 8:41-42. July 17,1952. 80 G89

95125 MROŻEWSKI, S., and GROCHOWSKI, W. Studies of preservation of cranberries (Oxycoccos quadripetala Gilib.). (In Polish.) Inst. Badawczy Lesn. Prace 77:17-24. 1951. 99.9 W26
Russian summary.

95126 NILSSON, R., and BJÖRKLUND, C. M. Storage trials with different strains of mangels and swedes. (In Swedish.) Lantbrakad. Tidskr. 91:107-115. 1952. 104 Sw3
English summary.

95127 OGATA, K., and IMAYUKI, T. Studies on the storage of perishable agricultural products. V. Studies on the respiration of some vegetables after harvesting. (In Japanese.) Kagawa- Ken Agr. Col. Tech. B. 3:158-165. Ref. Mar.1952. 107.6 K113
English summary.

95128 PENNISI, L. On the most recent advances in the technique of utilization and conservation of citrus juices. (In Italian.) Ann. della Sper. Agr. (n.s.)6(4,sup.), 15 p. Ref. 1952. 16 An76
English summary.

95129 PHILLIP, A. G. A new method for the preparation of Falsa squash [Grevia asiatica]. Punjab Fruit J. 15(52):4. Oct./Jan.1952. 80 P962

95130 PIÑERO, M., and SERRA, G. Estudio económico sobre la elaboración y enlatado de algunos productos agrícolas, Puerto Rico, 1946-47. P. R. (Rio Piedras) Agr. Expt. Sta. B. 101,21 p. Jan.1952. 100 P83
Chiefly fruits.

95131 PRUTHI, J. S., and others. Ascorbic acid & colour changes in citrus fruit juices during processing. J. Sci. & Indus. Res. 11A:32-34. Ref. Jan.1952. 475 J82
G. L. Tandon, N. L. Jain, and C. P. Natarajan, joint authors.

95132 RAJHER, I. La production de l'acide tartrique des lies. (In Serbo-Croatian.) Biljna Proizvodnja 5:11-15. Jan./Feb.1952. 64.8 B49
French summary.

95133 SINGH, L., and others. Some studies in the preservation of fruits and vegetables. Indian J. Agr. Sci. 21:137-153. Ref. June 1951. 22 Ag83I
G. Lal, T. S. Sadasivan, and N. L. Jain, joint authors.

95134 SUČEVIĆ, O. Comparative determination of sugar in must. (In Serbo-Croatian.) Biljna Proizvodnja 5:134-144. Ref. May/June 1952. 64.8 B49

95135 TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Home canning—fruits, vegetables. Tex. Agr. Col. Ext. B. 194, 36 p. Jan.1952. 275.29 T312

95136 THIESSEN, E. J., and BECKER, C. Variables affecting the home freezing of vegetables. Refrig. Engin. 60:959-961,1006,1008. Sept.1952. 295.9 Am32J

95137 U. S. BUR. OF AGRICULTURAL ECONOMICS. Apple manufactures; the use of apples in cider mills; evaporators and canneries in New York State, 1939-51. Albany,1952. 6 p. 1.942 F6Ap5
New York State Department of Agriculture and Markets cooperating.

95138 URSCHEL, J. Blanching beets and carrots. Food Packer 33(9):42,60. Sept.1952. 286.83 C165

95139 VAHL, E. VON. Früchte rechtzeitig kontrollieren, um überlagerung zu vermeiden! Obstbauversring. Mitt. 7:90-91. May 1952. 85 J76

95140 VELDHUIS, M. K. Reduction of organic matter in citrus press liquor by aerated yeast propagation. Citrus Indus. 33(9):11-12. Sept.1952. 80 C49

95141 WAGENKNECHT, A. C., LEE, F. A., and BOYLE, F. P. The loss of chlorophyll in green peas during frozen storage and analysis. Food Res. 17:343-350. Ref. July/Aug.1952. 389.8 F7322

95142 YANG, H. Y., and WIEGAND, E. H. Home processing of fruit & vegetable juices. Oreg. Agr. Expt. Sta. B. 515,23 p. June 1952. 100 Or3

95143 YOUNG, S. O. The curing and preserving of gourds. Horticulture 30:345. Sept.1952. 80 H787

Statistics

95144 CAMERON, A. E. Mildura acreages; valencias major variety in estimates of 1 million bushel citrus crop for 1958. Citrus News 28:79,91. June 1952. 80 C494

95145 HENNICKE. Die gemüseanbauplanung in West-Berlin 1952. Berlin. Statis. 6:185-186. Apr.1952. 265 B453
Statistics.

95146 KELLER, J. Verordnung über die beschränkung der neuanlage von weinbergen nicht verfassungswidrig. Deut. Weinbau 7:340. July 20,1952. 390.8 W432

95147 KEMMERS, W. H. The fruit harvest 1952. (In Dutch.) Econ.-Statis. Ber. 37:668-671. Sept.3,1952. 280.8 Ec722

95148 LUND, O. Development of fruit and vegetable gardening and of the greenhouse industry during the last 25 years. (In Norwegian.) Skog- og Landarb. 7/8:96-97. July/Aug.1952. 283.8 Sk5
Statistics.

95149 U. S. PRODUCTION AND MARKETING ADMIN. A brief review of the 1951 Lodi Tokay grape season, by W. H. Hutto and R. W. Bussman. Lodi,1952? 11 p. 1.9 Ec741L
California Department of Agriculture cooperating.
Statistics.

95150 U. S. BUR. OF AGRICULTURAL ECONOMICS. Tree nuts; production, farm disposition, value, and utilization of sales, 1944-51. Washington,1952. 11 p. 1.941 H8N95

95151 U. S. PRODUCTION AND MARKETING ADMIN. Vegetables and melons grown in the United States or its possessions and marketed in the continental United States. Washington,1952? 2 p. 1.956 F94V52

GRAIN AND GRAIN PRODUCTS

95152 ADAMS, G. A. The constitution of a polyuronide hemicellulose from wheat straw. Canad. J. Chem. 30:698-710. Ref. Sept.1952. 470 C16B

95153 ANDERSON, J. E. The relationship between temperature and humidity. Nowest. Miller (Milling Prod. Sect.) 248(11):11a-13a. Sept.9,1952. 298.8 N81
Flour milling.

95154 AYLWARD, F. Lecithin in food processing. III. Food Mfr. 27:355-357. Ref. Sept.1,1952. 389.8 F736
Cereal products.

95155 BERLINER, E. Lessons in grain chemistry for the practical miller. (In Italian.) Molini d'Italia 3:310, 312-313. July 1952. 298.8 M73
English summary.

95156 BERTHAULT, P. Le prix du blé Rev. Agr. de l'Afrique du Nord 50:413-414. June 27,1952. 80 R326

95157 BOCK, F. Verantwortungsvolle getreidemarktleistung. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.63-64. Kiel,1951. 33.27 Sch34

95158 BONATO, C. Problems of the rice industry. (In Italian.) Riso 1(6):3-4. July 1952. 59.8 R49
Italy.

95159 BRAUN, W. Mahldruckverhältnisse bei müllereiwalzen. Müllerei 5:523-524. Aug.9,1952. 298.8 M91

95160 CANADA. BOARD OF GRAIN COMMISSIONERS Annual report for 1951. Ottawa,1952. 80 p. 59.9 C163

95161 CHATTOPADHYAY, H., and BANERJEE, S. Effect of germination on the total tocopherol content of pulses and cereals. Food Res. 17:402-403. July/Aug. 1952. 389.8 F7322

95162 DALMASSO, G. Bread and wine. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:265-266. July 1952. 16 C72
Prices, including grain prices.

95163 DAUPHIN, J. L'évolution de la consommation de l'orge. Agr. Prat. 116:397-398. Aug.1952. 14 J82
France.

95164 ECKARDT, O. Auswuchsvorgänge. Mühle 89: 531. (Cont.) Aug.14,1952. 298.8 M89
Grain germination in damp years.

95165 EISGRUBER, G. Neue wege bei der getreidereinigung. Mühle 89:529-530. Aug.14,1952. 298.8 M89
Equipment.

95166 GECK, W. H. Die sicherheit der pneumatischen förderung in mühlen. Deut. Müller-Ztg. 50:393-394. Aug.6,1952. 298.8 Su2

95167 GLABAU, C. A. Baking characteristics of the 1952 southwestern flour. Bakers Wk. 155(10):50-53. Sept.8,1952. 389.8 B172

95168 GUNTER, A. C. Storage of rice. Tex. Agr. Col. Ext. MS-886,5 p. Feb.1952. 275.29 T313M

95169 HALL J. Proper storage will save ear corn. Amer. Agr. 149:509,529. Sept.6,1952. 6 Am3

95170 HANNAN, T. B. Storing and drying wheat in Ireland. Milling 119:132,134. Aug.9,1952. 298.8 M622

95171 HANNAN, T. B. Storing and drying wheat in Ireland. Milling 119:164. Aug.16,1952. 298.8 M622

95172 HANNAN, T. B. Storing and drying wheat in Ireland. Milling 119:196,198. Aug.23,1952. 298.8 M622

95173 HOESER, K. Weizenproduktion und backqualität in unserem lebensraum sowie in den wichtigsten weizenbauenden ländern der erde. Landwirt. Jahrb. f. Bayern 29:485-502. Ref. July/Aug.1952. 18 L24
Includes statistics.

95174 HOPF, L. Neue ergebnisse mit dem wirbelschichttrockner. Müllerei 5:521-522. Aug.9,1952. 298.8 M91

95175 INSKEEP, G. C., TAYLOR, G. G., and BREITZKE, W. C. Lactic acid from corn sugar. Indus. & Engin. Chem. 44:1955-1966. Ref. Sept.1952. 381 J825

95176 KASTNER, W. Die buchführung für mühlenbetrieb mit angeschlossenem landhandel. Mühle 89:518. Aug.7,1952. 298.8 M89

95177 KOSHAL, R. S. A note on the agricultural conditions with particular reference to acreage under and production of food-grains in the pre-merger Bombay State for the quinquennium 1944-45 to 1948-49. Bombay. Bur. Econ. & Statis. B. 5:1-27. July 1951. 269.54 Ec7

95178 LATHROP, E. C., and CLARK, T. F. More cob processing plants. Chemurg. Digest 11(9):4-8. Sept.1952. 381 N213Na

95179 MACLEOD, A. M. Studies on the free sugars of the barley grain. I. Historical survey. Inst. Brewing. J. (n.s.)49:270-276. Ref. July/Aug.1952. 390.9 In7

95180 MARINELLI, R. Gliadin and amino nitrogen in American strength flours and indigenous flours. (In Italian.) Ann. della Sper. Agr. (n.s.)6:1005-1010. 1952. 16 An76
English summary.

95181 MAZZEI, E. Distribution of wheat. (In Italian.) Molini d'Italia 3:300-303. July 1952. 298.8 M73
English summary.

95182 MEDEL. Aschen und ausbeuten der passagenmehle in der weizenmüllerei. 2. Mühle 89:512-514. Aug.7,1952. 298.8 M89

95183 MINNESOTA. BOARD OF GRAIN APPEALS. Official Minnesota grain grades for the 1952-53 crop year as established. Minneapolis,1952. 104 p. 280.3599 M66

95184 MOYSEY, E. B. Grain drying. Saskatchewan. U. Addresses & Proc. U. Saskatchewan Farm Week 1952: 42-43. 101 Sa72

95185 MUTTI, R. J. Reasons why the operating expenses vary among country grain elevators. Grain & Feed J. Consolidated 109(5):15,17,19. Sept.10,1952. 298.8 G762

95186 NORTH CAROLINA. UNIVERSITY. STATE COLLEGE OF AGRICULTURE AND ENGINEERING. EXTENSION SERV. Rough estimates on your corn yields. N. C. Agr. Col. Ext. Folder 87,5 p. July 1952. 275.29 N811Ex

95187 PAGNON, R. Pour une politique française du riz. Marchés Colon. du Monde 8:2144-2145. (Cont.) Aug.9,1952. 286.8 M33

95188 PASKHAVER, I. On criteria for the distribution of grain crops. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(6):37-51. June 1952. 281.8 So73

95189 RICE MILLERS' ASSOCIATION. Rice acreage in the United States 1952. New Orleans,1952. 4 p. 59.9 R362A

95190 RICHEY, P. S., and JOHNSON, T. D. Factors to be considered in locating, planning, and operating country elevators. U. S. D. A. Mktg. Res. Rpt. 23,94 p. Ref. June 1952. 1 Ag84Mr

95191 ROHRLICH, M., and BRÜCKNER, G. Die chemische mehlbehandlung. Z. f. Lebensmtl.- Untersuch. u. Forsch. 94:324-356. May 1952. 384 Z39

95192 SALLANS, H. R. The utilization of wheat straw. Saskatchewan U. Addresses & Proc. U. Saskatchewan Farm Week 1952:59-61. 101 Sa72

95193 SCHIELLEIN, F. Feststellungen zum neuen weizenpreis. Bas-Rhin Agr. 7:357-358. Aug.2,1952. 14 B29

95194 SHOLLENBERGER, J. H. Politics and milling mixed in Greece make pot-pourri of free marketing and rationing. Amer. Miller 80(8):22,24. Aug.1952. 298.8 Am32

95195 SIECK, H. Leistung und aufgabe der getreidehändler. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.65-66. Kiel,1951. 33.27 Sch34

95196 SLUSHER, M. W., and MULLINS, T. Rice mill yield and grade in relation to variety and method of harvest. Ark. Agr. Expt. Sta. B. 526,36p. June 1952. 100 Ar42

95197 SPAIN. DIRECCIÓN GENERAL DE AGRICULTURA. SECCIÓN DE ESTADÍSTICA AGRÍCOLA. Resumen estadístico de la producción de cereales 1950. Spain. Min. de Agr. Serv. de Estadís. Ser. B. 33,15 p. 1951. 263 Ag82R

95198 SPINDLER, F. Qualitätsverlust beim lagern von getreide. Deut. Müller-Ztg. 50:395. (Cont.) Aug. 6,1952. 298.8 Su2

95199 STEPHENS, M. R. The Federal corn & corn products regulatory program. (Abs.) Amer. Miller 80 (8):66-68. Aug.1952. 298.8 Am32

95200 U. S. PRODUCTION AND MARKETING ADMIN. Canadian grain in store and afloat in bond in United States markets. Washington,1952. 1 p. 1.956 G76C733

95201 U. S. PRODUCTION AND MARKETING ADMIN. Canadian grain stocks in Canada. Washington,1952. 1 p. 1.956 G76C735

95202 U. S. PRODUCTION AND MARKETING ADMIN. Commercial stocks of domestic grain in store and afloat at principal United States markets. Washington,1952. 1 p. 1.956 G76C734

95203 U. S. PRODUCTION AMD MARKETING ADMIN. Sound grain fat acidity survey. Washington,1952. 18 p. 1.956 G76So8

95204 U. S. PRODUCTION AND MARKETING ADMIN. United States grain in store in bond in Canada. Washington,1952. 1 p. 1.956 G76C736

95205 VAN VLACK, C. H., and SCHNEIDER, V. What's your corn-drying problem? Successful Farming 50(9):34-35,90. Sept.1952. 6 Su12
Six ways of drying and storing corn.

95206 WHITE, B. Expert makes pre-harvest survey of grain quality. Com. Rev. 102:10-12,14,16. Sept.2, 1952. 286.8 C735

95207 WIRNER. Der umstrittene getreidepreis. Landwirt. Wchnbl. 142:939-940. Aug.23,1952. 18 L2338
Germany.

95208 ZIRKEL, H. Die beurteilung der getreidebeschaffenheit nach dem geruch. Mühle 89:527-528. Aug. 14,1952. 298.8 M89

HONEY AND BEESWAX

95209 ANTONIOLI, I. Dextrose and levulose in honey. (In Serbo-Croatian.) Pčelar 49:115-117. July/Aug.1951. 424.8 P296
With comment by N. S. Divac, p. 127.

95210 DEXTER, L. F. Let's sell beekeeping. Mod. Beekeeping 36:226-228. July 1952. 424.8 B397
Honey marketing.

95211 FREEMAN, G. C., and others. Honey promotion round-up. Amer. Bee J. 92:366-385,402. Sept.1952. 424.8 Am3

95212 FREEMAN, G. C. Honey, there's plenty of honey. Mktg. Activ. 15(6):7-9. June 1952. 1.942 A8M34
Merchandising program.

95213 JENSEN, G. H., and others. Honey marketing in Scandinavia. (In Danish, Swedish and Norwegian.) Nord. Bitidskr. 4:33-43. 1952. 424.8 N752
J. Tirranen, R. Lunder, and S. Kadesjö, joint authors.

95214 MENTZER, J. Absatz des deutschen honigs. Westfälische Bienenztg. 65:70-71. Mar.1952. 424.8 W526

95215 OHNESORGE, I. Der honig im west-berliner handel. Deut. Bienenztg. 7:124-126. Aug.1,1952. 424.8 D488

95216 SIRAJ-UD-DIN. Can date-honey be used as a substitute of bee-honey? Punjab Fruit J. 15(52):4-6. Oct.1951/Jan.1952. 80 P962

95217 STRATTON, C. L. How Vermont beekeepers sell honey. Mod. Beekeeping 36:221-223,236. July 1952. 424.8 B397

95218 SUJA, E. El precio de la miel. Valencia Avic. 9(1):37-38. Feb.1952. 478 V23

LIVESTOCK AND LIVESTOCK PRODUCTS

95219 ALVES, N. G. A contribution to the study of the Brazilian zootechnic problem. (In Portuguese.) Veterinaria [Rio de Janeiro] 5:115-125. 1951. 41.8 V6435

95220 AUGUSTIN. Holsteiner mastlämmer und -hammel. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.76-77. Kiel,1951. 33.27 Sch34
The industry.

95221 BELL, J. O. Rabbit numbers and rabbit raising in Denmark. Calif. Rabbit News 13(5):13. Aug.1952. 40.28 C12

95222 BERG, G. L. More little pigs to market! 1. Co. Agent & Vo-Ag Teacher 8(9):16-17. Sept.1952. 275.28 N213

95223 BERTONE, A. Skins and the art of tanning through the centuries. (In Italian.) Italy. Staz. Sper. per l'Indus. delle Pelli e delle Materie Conclanti. B. 28:333-343. June 1952. 303.8 It1

95224 BONSMA, F. N., and JOUBERT, D. M. The development of the South African pig industry. 3. The present rôle of the pig industry and future possibilities. Farming So. Africa. 27:310-316. June 1952. 24 So842

95225 CAMPBELL, J. T. The cradle of the breed; Kentucky, a meeting place between North and South for breeders of Shorthorns. Shorthorn World 37(10):243-244, 300-301. Aug.10,1952. 43.8 Sh8

95226 CHOHLIS, J. Modoc County where numbers and quality make the beef critter king. West. Livestock. J. 30(50,sect.2):39,41-44. Aug.28,1952. 6 F2278

95227 CONFERENCE ON RESEARCH, 4, CHICAGO, 1952. Proceedings conducted under sponsorship of the Council on Research of the American Meat Institute at the University of Chicago, March 20 and 21, 1952. Chicago,1952. 92 p. 50.9 C762

95228 CONVEGNO NAZIONALE DEL CUOIO, 3, NAPLES, 1952. [Report] (In Italian.) Italy. Staz. Sper. per l'Indus. delle Pelli e delle Materie Conclanti. B. 28:287-343. June 1952. 303.8 It1

95229 CUNHA, T. J. Future bright for beef cattle industry in Florida and Southeast. Fla. Cattleman 16(12): 60,62. Sept.1952. 43.8 F66

95230 DAS, B. M. Leather research. Tanner 7(2): 13-16. (Cont.) July 1952. 303.8 T15

95231 DUVALL, R. Yavapai County, an Arizona cattle empire prospers in a sea of grass. West. Livestock J. 30(50,sect.2):21-25,53-54. Aug.28,1952. 6 F2278

95232 GORGA, R. M. The meat problem in Rio Grande do Sul. (In Portuguese.) Orientação Econ. e Financ. 9(105):37-38,42,44,46,48. June 1952. 280.8 Or42
The industry.

95233 GUSLER, G. Beef boom? It's about over but cattlemen can be confident of 2-3 more good years. West. Farm Life 54(16):5,22. Aug.15,1952. 6 R153

95234 HANKINS, O. G. Current meat research program of the Animal Husbandry Division of the United States Department of Agriculture. Conf. Res. Proc. 4: 53-57. 1952. 50.9 C762

95235 JOHNSTON, J. Goats for small holdings. Family Herald & Wk. Star 83(29):5,8. July 17,1952. 7 F21

95236 KEILHOLZ, F. J. Pig hatcheries are here to stay. Country Gent. 122:30-31,67-68. Sept.1952. 6 C833

95237 KOCH, A. Die bedeutung der kleintierzucht. Deut. Kleintier-Züchter. Ausg. Geflügel 7(14):7-8. (Cont.) July 20,1952. 47.8 D484
Also in Deut. Kleintier-Züchter 7(15):10. Aug.5,1952. 49 D483

95238 KOCH, A. Die bedeutung der kleintierzucht. Deut. Kleintier-Züchter. Ausg. Kaninchen 7(16):3-4. (Cont.) Aug.20,1952. 40.28 D48

95239 KRAYBILL, H. R. Research at the American Meat Institute Foundation. Conf. Res. Proc. 4:88-92. 1952. 50.9 C762

95240 MANN, J. Recent trends in Canadian sheep production. Econ. Annal. 22:92-95. Aug.1952. 281.8 Ec72

95241 MORETTI CANEDO, M. El ganado vacuno en costumbres y supersticiones de nuestro norte. Mundo Agr. 4(38):70. July 1952. 9 M92
Argentina.

95242 NATIONAL ASSOCIATION OF RETAIL MEAT AND FOOD DEALERS. Report on the 67th annual convention August 3-7, 1952, at Waldorf Astoria, New York. Butchers' Advocate 132(8):18-29,32-39,54,56. Aug.20, 1952. 286.85 B97
Contains addresses dealing with various aspects of the meat industry.

95243 NEWELL, P. F. The South shifts to beef cattle. Shorthorn World 37(10):233-238. Aug.10,1952. 43.8 Sh8

95244 NORGES KJØTT- OG FLESKESENTRAL. The pig is in the danger zone now. (In Norwegian.) Produsenten 20(8):6,9. Aug.1952. 11 P94
On the need for reducing pork production.

95245 OREGON. STATE COLLEGE. Livestock; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 17,23 p. Aug. 1952. 100 Or3O

95246 POLLOCK, R. C. Beef for American tables. Shorthorn World 37(10):72-73,365-369. Aug.10,1952. 43.8 Sh8

95247 POLLOCK, R. C. National Live Stock and Meat Board progress report. Butchers' Advocate 131(26):10-11. June 25,1952. 286.85 B97

95248 POPE, A. L. Wisconsin sheep numbers are increasing but—. Wis. Coop. Wool Growers News 18:4. Aug.1952. 280.28 W882

95249 PROTIN, R. Évolution de la production et de la consommation de la viande en France. Ann. de la Nutr. et de l'Aliment. 6(3):C13-C29. 1952. 389.8 An73
Includes discussion.

95250 SHEETS, E. W. Beef cattle production—a way of life. Shorthorn World 37(10):80-81,310-311,313-316; (11):7-8,22-25. Aug.10-25,1952. 43.8 Sh8

95251 SHESKEY, W. Raw materials outlook. Leather & Shoes 124(10):10. Sept.6,1952. 303.8 H53
Hides and skins.

95252 SIMONCINI, E. Proposed conditions for leathers destined for civil use. (In Italian.) Italy. Staz. Sper. per l'Indus. delle Pelli e delle Materie Concianti. B. 28:316-332. June 1952. 303.8 It1
Italy.

95253 THIEDE, G. Fleisch für fünf millionen menschen. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.82-84. Kiel,1951. 33.27 Sch34 1951.
The industry in Schleswig-Holstein.

95254 THIENPONT, D. L'industrie des cuirs et peaux au Congo Belge. Cour. Agr. 17(12):1-2,4. June 11, 1952. 24 C83

95255 USERA, V., JR. El problema ganadero. III. Rev. del Café 8:11. July 1952. 8 R3295
Policy for Puerto Rico.

95256 VALDINOCI, M. Recent trends in our swine production. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(71/72):8-9. Aug.23,1952. 281.8 Ag3

Analysis and Composition

95257 AMERICAN LEATHER CHEMISTS ASSOCIATION. President's report to the association. Amer. Leather Chem. Assoc. J. 47:505-509. Aug.1952. 303.9 Am32

95258 CHARLET, P., and FÉVRIER, R. Méthodes d'appréciation de la valeur d'un animal de boucherie. Ann. de la Nutr. et de l'Aliment. 6(3):C133-C157. Ref. 1952. 389.8 An73
Includes discussion.
Tests.

95259 DEMPSEY, M. Red heat. Leather World 44:564-566. Aug.14,1952. 303.8 L482
Bacterial reddening of hides and skins.

95260 DRAGER, H. Diagnostik der bakterien der Salmonella-gruppe, und ihre anwendung in der bakteriologischen fleischunterschung. Berlin,Akademie-Verlag, 1951. 322 p. 448.2 D78

95261 HAMMOND, J. Objective tests for quality in meat. Ann. de la Nutr. et de l'Aliment. 6(3):C119-C131. 1952. 389.8 An73
Includes discussion.

95262 NIVEN, C. F., JR. Significance of the lactic acid bacteria in the meat industry. Conf. Res. Proc. 4: 31-37. 1952. 50.9 C762

95263 SULZBACHER, W. L. Effect of freezing and thawing on the growth rate of bacteria in ground meat. Food Technol. 6:341-343. Sept.1952. 389.8 F7398

95264 SZENT-GYÖRGYI, A. The structure and chemistry of muscle. Conf. Res. Proc. 4:22-26. 1952. 50.9 C762

95265 TURLEY, H. G. The leather chemist of 1951. Amer. Leather Chem. Assoc. J. 47:518-523. Aug.1952. 303.9 Am32

Consumption and Utilization

95266 ENGLISH, S. S. Mrs. Jack Sprat now likes lean. Ext. Serv. Rev. 23:134. Aug.1952. 1 Ex892Ex
Consumer demand for lean pork and the new meat-type hog.

95267 TRÉMOLIÈRES, J., and CLAUDIAN, J. Contribution a l'étude de la consommation humaine de la viande en France. Ann. de la Nutr. et de l'Aliment. 6(3): C31-C117. Ref. 1952. 389.8 An73
Includes discussion.

Distribution, Marketing, and Transportation

95268 ABEL, H., and BROADBENT, D. A. Auctions become increasingly important in the marketing of Western livestock. Farm & Home Sci. [Utah Sta.] 13: 29-30,47. June 1952. 100 Ut1F

95269 BAKER, J. Horse trailers are necessary to horsemen of today. Horse Lover's Mag. 17(2):30-31,38-39. Aug./Sept.1952. 42.8 H7852

95270 BONY, A. Le problème de la viande. Coopération 22:21-24. (Cont.) July/Aug.1952. 280.28 C7845
Marketing in France.

95271 CONWAY, H. M. Hog producers facing adverse fall markets. Natl. Live Stock Prod. 30(11):10,16. Sept.1952. 280.38 N21

95272 DOORNINCK, J. I. VAN. Purchase problems. (In Dutch.) Tijdschr. v. Diergeneesk. 77:533-535. July 15,1952. 41.8 T431
Cattle.

95273 FARRELL, F. D. Kansas rural institutions. VIII. Livestock auction. Kans. Agr. Expt. Sta. C. 286, 36 p. July 1952. 100 K13S

95274 FINK, L. B. Shipping cavies. All-Pets Mag. 23(9):123-124. Sept.1952. 48.8 AL5

95275 HARVEY, A. L. Advertising tips for new breeders. Shorthorn World 37(10):94,340-341. Aug.10, 1952. 43.8 Sh8

95276 HITT, C. H. Marketing rabbits. Amer. Rabbit J. 22:116-117. Aug.1952. 40.28 Am3

95277 HOSS, R. Hog market should be better during next year. Kans. Stockman 37(11):7. Sept.1952. 49 K134

95278 HOWARD, T. How to develop your meat sales. Amer. Rabbit J. 22:124-125. (Cont.) Aug.1952. 40.28 Am3

95279 KAMM, A. J. Type, breeding, condition goodsalesmen. Shorthorn World 37(10):191. Aug.10,1952. 43.8 Sh8

95280 MCMULLEN, H. Auction helps firm broiler quality and price. N. J. Farm & Gard. 23(9):46,55. Sept. 1952. 6 G162
Marketing through the Eastern Shore Poultry Growers Exchange auction.

95281 MCPHERSON, W. K. Initial results of livestock marketing study. Fla. Cattlemen 16(12):28,30. Sept.1952. 43.8 F66
Beef cattle in Florida.

95282 PEPPER, R. Commission salesmen; as your agent, he bargains to get the high dollar for your hogs. Hog Annu. 1952:287-288. 46.8 H673

95283 STEFFEN, R. Trailer topics. Cattleman 39(4): 161-165,178. Sept.1952. 49 C29
Transporting horses.

95284 STEVENS, I. M., and others. Marketing Western feeder cattle. Wyo. Agr. Expt. Sta. B. 317,92 p. June 1952. 100 W99
R. T. Burdick, H. G. Mason, and H. P. Gazaway, joint authors.

95285 WALLNER, J. Warum genossenschaftlicher viehabsatz? Salzburger Bauer 7(30):1. July 24,1952. 19 Sa3

95286 WEISS, E. Verschärfte lage auf den schlachtviehmärkten. Württemb. Wchnbl. f. Landwirt. 119:737. Aug.16,1952. 18 W96

95287 WENTWORTH, E. N, ed. A search for cattle trails in Matto Grosso. Agr. Hist. 26:8-16. Jan.1952. 30.98 Ag8

95288 WOELFFER, E. A. If you buy replacements. Hoard's Dairyman 97:717. Sept.10,1952. 44.8 H65

95289 ZERT, P. Marasme sur le marché du porc. Rev. de l'Elevage 7:297. May 1952. 49 B462
France.

Grading, Inspection, Standardization, and Quality

95290 FREITAS, H. DE. Defects of hides and skins. (In Portuguese.) Lav. e Criação 13(5):33-34. May 1952. 49 L392

95291 MILLER, A. R. Federal meat inspection. Conf. Res. Proc. 4:83-87. 1952. 50.9 C762

95292 NORTH CENTRAL LIVESTOCK MARKETING RESEARCH COMMITTEE. Objective carcass grade standards for slaughter hogs. Minn. Agr. Expt. Sta. B. 414,53 p. June 1952. 100 M66

95293 PARTINGTON, J. I. Why waste meat this way? Meat Mktg. 25(4):19-20. Apr.1952. 389.8 Im72
Grading in Great Britain.

95294 SCHÖNBERG, F., and OGUS, F. Zur anwendung von UV-entkeimungslampen zur abtötung in der fleischwirtschaft vorkommender bakterien und schimmelpilze. Lebensmitteltierarzt 3:65-67. July 1952. 41.8 L49

95295 SENS, H. Stellungnahme zu dem artikel: "Verfälschung von Hackfleisch mit Natriumsulfit (Präservesalz)" von Reg.-Vet.-Rat Dr. Roemmele, in Nr. 11 des Lebensmitteltierarztes vom november 1951. Lebensmitteltierarzt 3:70. July 1952. 41.8 L49

95296 U. S. PRODUCTION AND MARKETING ADMIN. USDA smoked meat specifications. Schedule A. Washington,1952. 6 p. 1.956 L75Un3
Smoked pork.

Packing and Packaging

95297 DAVIS, L. E., and MARKS, A. R. Packaging meat for lockers; wrapping time cut 42% in pilot time-and-motion study of practices of frozen food locker operators. Calif. Agr. [Calif. Sta.] 6(7):6. July 1952. 100 C12Cag

95298 ROBERTSON, E. J. Meat preservation at consumer level. (Excerpts.) Quick Frozen Foods 15: 98-101. Aug.1952. 389.8 Q4
Packaging.

Prices, Price Control, and Rationing

95299 BICKERS, J. R. Get ready for lower beef prices. Prog. Farmer, Tex. Ed. 67(9):71-72. Sept.1952. 6 T311

95300 CROCKETT, S. P., and ARNOLD, B. L. Winter grazing income cut by drop in price of cattle. Miss. Farm Res. 15(8):1,7. Aug.1952. 100 M69Mi

95301 PENABAD FRAGA, M. Precios de la carne. Rev. Ganad. [Habana] 12(8):14. Aug.1952. 49 R321

95302 RUDD, R. W. An analysis of feeder pig prices in central Kentucky. Ky. Agr. Expt. Sta. B. 584,58 p. Apr.1952. 100 K41

Processing and Storage

95303 CIANI, G. Salt, its action on meat and its impurities. (In Italian.) Croce Azzurra 3(2):39-44. Mar./Apr.1952. 41.8 C87

95304 FIALKA-BATANAGER, K. Quick tanning process & its advantages. Tanner 7(2):27-28. July 1952. 303.8 T15

95305 FIELDS, M. D., and DUNKER, C. F. Quality and nutritive properties of different types of commercially cured hams. 1. Curing methods and chemical composition. Food Technol. 6:329-333. Ref. Sept.1952. 389.8 F7398

95306 HARNLY, J. W., and RODDEN, J. R. Formate chemistry and its application to the deliming, pickling, depickling, tanning and neutralization of chrome leather. I and II. Amer. Leather Chem. Assoc. J. 47:547-563. Ref. Aug.1952. 303.9 Am32

95307 HOLTEN, E. Danish meat freezing and storing plant. Food Mfr. 27:359-362. Sept.1,1952. 389.8 F736

95308 HURWICZ, H., and TISCHER, R. G. Heat processing of beef. I. A theoretical consideration of the distribution of temperature with time and in space during processing. Food Res. 17:380-392. Ref. July/Aug. 1952. 389.8 F7322

95309 JOHNSON, V. K., and BULL, S. An accelerated cure for bacon. Food Technol. 6:354-358. Ref. Sept.1952. 389.8 F7398

95310 JONES, F. L. Preservation of wet salted skins. Leather Trades' Rev. 105:359-360. Aug.20,1952. 303.8 L48

95311 PHILLIPS, H. The curing and storage of English market hides. Leather World 44:563-564. Aug.14,1952. 303.8 L482

95312 RAO, A. L. S., and SELVARANGAN, R. Studies in the East Indian tannage of skins. I. J. Sci. & Indus. Res. 11B:176-180. May 1952. 475 J82

95313 STUBBINGS, R., and THEIS, E. R. Studies in unhairing. VI-VII. Amer. Leather Chem. Assoc. J. 47: 523-547. Ref. Aug.1952. 303.9 Am32

95314 TARR, H. L. A., SOUTHCOTT, B. A., and BISSETT, H. M. Experimental preservation of flesh foods with antibiotics. Food Technol. 6:363-366. Ref. Sept.1952. 389.8 F7398

95315 VINTON, C., MARTIN, S., JR., and GROSS, C. E. Bacteriological problems in thermal processing of canned meats. Conf. Res. Proc. 4:44-52. Ref. 1952. 50.9 C762

95316 WINTER, J. D. How to freeze meats for storage in the home freezer. Meat Merchandising 28(9): 25-28. Sept.1952. 286.85 M462

Statistics

95317 INDIA. DEPT. OF FOOD AND AGRICULTURE. DIRECTORATE OF ECONOMICS AND STATISTICS. Indian livestock statistics 1947-48 to 1949-50. Delhi, 1952. 118 p. 1952. 269.5 F73

95318 MOULE, G. R. Vital statistics and the Queensland sheep industry. 3. Queensland Agr. J. 74:343-363. June 1952. 23 Q33

95319 U. S. BUR. OF AGRICULTURAL ECONOMICS. Cattle on feed, July 1, 1952. Washington,1952. 2 p. 1.9 Ec742Caf

95320 U. S. BUR. OF AGRICULTURAL ECONOMICS. 1952 lamb crop report. Washington,1952. 2 p. 1.9 Ec742La

95321 U. S. BUR. OF AGRICULTURAL ECONOMICS. Number of milk cows on farms, June 1952. Boise,1952. 2 p. 1.941 F3N91
Idaho.

OILS AND OILSEEDS

95322 ADDOR, A. Preparation of soybean flour. (In Portuguese.) Rev. dos Criadores 23(4):46,48. Apr. 1952. 43.8 R32

95323 ALLEN, R. R., VAN AKKEREN, L. A., and VANDER WAL, R. J. The semi-continuous deodorization of oils in all-glass equipment. Amer. Oil Chem. Soc. J. 29:380-382. Sept.1952. 307.8 J82
Soybean oil.

95324 ANGELO, G. G. DELL'. The production of olive oil for direct consumption and for the trade. (In Italian.) Olivicoltura 7(5):1-5. May 1952. 80 OL42
Italy.

95325 BAILEY, W. K., and PICKETT, T. A. Sunlight can damage peanuts during curing. Ga. Agr. Expt. Sta. Press B. 640,1 p. Aug.1952. 100 G29P

95326 BALBI, G. Boiled oils. (In Italian.) Olearia 6:144-153. Ref. May/June 1952. 307.8 OL2
English summary.
Drying oils.

95327 BANNA, A., ARMORE, S. J., and FOOTE, R. J. Peanuts and their uses for food. U. S. D. A. Mktg. Res. Rpt. 16,99 p. Ref. 1952. 1 Ag84Mr

95328 BLASI, F. Operaciones complementarias de la obtención del aceite por expresión. II. Clarificación acelerada del los aceites. B. de Oleicult. Internac. 2(8): 27-33. May/June 1952. 307.8 B63
English summary, p. 104-105.

95329 BOUCHER, R. E., and SKAU, E. L. Phase relations in the solvent winterization of molecularly rearranged peanut oil and cottonseed oil. Amer. Oil Chem. Soc. J. 29:382-385. Sept.1952. 307.8 J82

95330 CATTANEO, P., and others. Composición química en acidos grasos de un aceite de fusel vínico. Asoc. Quím. Argentina. An. 40:150-159. Ref. June 1952. 385 So1A
A. Iacobacci, G. K. de Sutton, and A. R. Lynch, joint authors.
English summary.

95331 CERVI, B. La monocultura y los costos de producción en nuestros olivares. Mundo Agr. 4(38):96-97. July 1952. 9 M92
Argentina.

95332 CHICAGO. BOARD OF TRADE. PUBLIC RELATIONS DEPT. The story of soybeans, soybean oil, soybean meal, their uses and products. Chicago,1951. 32 p. 60.3 C433

95333 CINQUINA, G. Plant for solvent extraction of oil from olive waste and other agricultural byproducts not previously dried, available near the press. (In Italian.) Olivicoltura 7(5):13-17. May 1952. 80 OL42

95334 DU PLESSIS, D. Cultivation of peanuts increases in the West Transvaal. (In Afrikaans.) Landbouweekblad 34(1724):21. July 30,1952. 24 L232

95335 DU RIETZ, B. G. The winter crops and the price agreement. (In Swedish.) Lantmannen 36:643,654. Aug.16,1952. 11 L234
Oil crops and grain.

95336 GOLDMAN, M. L., and RAYMAN, M. M. Hydrolysis of fats by bacteria of the Pseudomonas genus. Food Res. 17:326-337. Ref. July/Aug.1952. 389.8 F7322

95337 HOLMBOE, C. F. A simultaneous esterification and hydrogenation of fatty oils. Oslo,Dybwad,1951. 15 p. (Norske Videnskaps-Akademi i Oslo. Matematisk-Naturvidenskapelig Klasse. Avhandlinger. 1951, 5) 307 H732

95338 HUNT, W. H., and others. Oil content by electronics. Mktg. Activ. 15(7):3-5. July 1952. 1.942 A8M34
M. H. Neustadt, J. H. Hart, and L. Zeleny, joint authors. Method for determining the oil content of soybeans.

95339 KARTHA, A. R. S. Studies on the natural fats. Vol II, part IV. Ernakulam,1951. 111 p. 307 K14

95340 KAUFMANN, H. P., and BALTES, J. Gemeinschaftsarbeiten der DGF. 23. neubearbeitung der "einheitlichen untersuchungsmethoden für die fett- und wachsindustrie." XIII. Stellungnahme zu dem entwurf: ölsaaten und -früchte, ölkuchen und schrote. Fette u. Seifen 54:402-410. July 1952. 384 C422

95341 KAUFMANN, H. P., and SCHMIDT, C. W. Der phosphatid-gehalt von lackleinöl. II. Fette u. Seifen 54: 399-402. July 1952. 384 C422

95342 KAWAHARA, F. K., and DUTTON, H. J. Volatile cleavage products of autoxidized soybean oil. Amer. Oil Chem. Soc. J. 29:372-377. Ref. Sept.1952. 307.8 J82

95343 KINABREW, R. G. Tung oil in Mississippi; the competitive position of the industry. University, Miss.,Bur. of Business Res. U. of Mississippi,1952. 113 p. Ref. 281.377 K57

95344 MARTÍNEZ, M., ROMERO, M., and MONZÓN, L. Procesos químicos y microbiológicos en la fermentación de las aceitunas sevillanas. Microbiol. Españ. 4: 103-108. 1951. 448.3 M583

95345 MARZI, G. DE. Production, commerce et consommation mondiaux des corps gras et de l'huile d'olive en particulier. Feuilles d'Inform. Oléicoles Internatl. (n.s.)12:50-55. Mar./Apr.1952. 80 F43
English summary.
Statistics.

95346 MOHR, C., and GRZYBOWSKI, H. Die ölmühlenindustrie zwischen liberalisierung und kartellisierung. Seifen-Öle-Fette-Wachse 78:407-409. (Concl.) Aug.13, 1952. 307.8 Se4
Germany.

95347 NIGERIA OIL PALM PRODUCE MARKETING BOARD. Third annual report 1951. Lagos,1952. 48 p. 77.9 N562

95348 PALENI, A. On the establishment of an Italian society for the study of fats. (In Italian.) Olearia 6:135-138. May/June 1952. 307.8 OL2
English summary.

95349 PEIRIS, H. J. F. How to make a barbecue. Ceylon Coconut Q. 3:35-36. Jan./Mar.1952. 77.8 C33
For drying copra.

95350 PEQUITO REBELLO, J. Criba batidora extractora calentadora, sistema Rebelo, para molinos de aceitunas. B. de Oleicult. Internac. 2(8):23-25. May/June 1952. 307.8 B63
English summary, p. 104.

95351 RAINERI, C. A plant that gives oil for margarine. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(71/72):15. Aug.23,1952. 281.8 Ag3
Copra.

95352 RAJAGOPALAN, R., and DE, S. S. Agricultural and economic aspects of 'soya milk' production. Indian Farming 12:4-7. Jan./Feb.1951. 22 In283

95353 RIGAMONTI, R. Studies on grape-seed oil. (In Italian.) Olearia 6:139-143. May/June 1952. 307.8 OL2
English summary.

95354 ROUSSEAU, P. M. La conservation des olives à huile. Feuille d'Inform. Oleicoles (n.s.)15:992-998. Jan./Mar.1952. 80 F432

95355 SLANSKY, P. Some aspects of sulfurised linseed oil and alkali resistance of drying oil films. Paint, Oil & Chem. Rev. 115(19):12,14,55-56,58. Ref. Sept.11,1952. 306.8 P16

95356 STANSBURY, M. F., and HOFFPAUIR, C. L. Estimation of skin content of peanut meals and relative skin pigment content of isolated proteins. Amer. Oil Chem. Soc. J. 29:370-372. Sept.1952. 307.8 J82

95357 TEETER, H. M., and MYREN, R. A. Reactions of tertiary butyl hypochlorite with vegetable oils and their derivatives. V. Dechlorination of chlorinated soybean oil with aqueous solutions of salts. Amer. Oil Chem. Soc. J. 29:367-370. Sept.1952. 307.8 J82

95358 U. S. BUR. OF AGRICULTURAL ECONOMICS. Soybeans harvested for beans; acreage, yield, and production, 1949-50-51, by counties for 19 principal States. Washington,1952. 20 p. 1.941 H8So9

95359 U. S. PRODUCTION AND MARKETING ADMIN. Cottonseed quality in the far West, 1951-52, by J. H. Stevenson and M. E. Whitten. Washington,1952. 34 p. 1.956 C82C824

95360 VAN BUSKIRK, M. G. A key observer reports from the vegetable fat front. Ice Cream Trade J. 48(9):90,108. Sept.1952. 389.8 Ic2

95361 VENKITASUBRAMANIAN, T. A. Component fatty acids & glycerides of soyabean oil. J. Sci. & Indus. Res. 11B:132-134. Ref. Apr.1952. 475 J82

POULTRY AND POULTRY PRODUCTS

95362 ADVERTISING makes every day turkey day. Farm Mangt. 1(5):57-59. July/Aug.1952. 281.8 F2225

95363 AIRAN, J. W., and KALYANKAR, G. D. Chemical analysis of the country hen egg. Bombay. U. J. Sect. A, Phys. Sci. (n.s.)20(5):25-30. Mar.1952. 513 B633

95364 APLIN, R. D. Consumer demand for high-quality eggs. N. Y. Agr. Col. A. E. 834,32 p. Aug.1952. 281.9 C81

95365 BAUM, E. L., FARIS, J. E., and WALKUP, H. G. Economies of scale in the operation of fryer processing plants with special reference to Washington. Wash. Agr. Expt. Sta. Tech. B. 7,33 p. Aug.1952. 100 W27T

95366 BEYERS, H. Marketing outlook for new season. Norbest Turkey News 17(2):1,6. Aug.1952. 47.38 N75

95367 BISHOP, R. W. Successful large scale shipments of baby chicks by air now proved possible. World's Poultry Sci. J. 8:178-181. July/Sept.1952. 47.8 W89

95368 BRUCKNER, J. H. New York's poultry industry moves steadily forward. Everybodys Poultry Mag. 57(8):8,28-29. Sept.1952. 47.8 F213P

95369 BUCK, J. T. Marketing practices of selected egg buyers in Virginia, 1947-1948. Va. Agr. Expt. Sta. B. 456,26 p. June 1952. 100 V81S

95370 CALIFORNIA CROP AND LIVESTOCK REPORTING SERV. California annual poultry-hatchery report, by J. H. Swedberg and G. A. Scott. Sacramento, 1952. 15 p. 1.941 H8P882

U. S. Bureau of Agricultural Economics and the California Department of Agriculture, Bureau of Agricultural Statistics cooperating.

95371 CARPENTER, K. S. Does it pay to produce hatching eggs? Everybodys Poultry Mag. 57(8):10,34-35. Sept.1952. 47.8 F213P

95372 CONNER, J. W., ORR, H. L., and SNYDER, E. S. Boneless turkey steaks. Locker Plants & Frosted Foods 7(3):15-17. Aug.1952. 389.8 L792

95373 CORBETT, R. The May broiler campaign. Soeast. Poultryman 5(8):5,21-22. Aug.1952. 47.8 So872

95374 CREVIER, L. La production et la mise sur le marché des oies et canards domestiques. Agriculture [Montreal] 9:125-131. Spring 1952. 7 Ag82

95375 DAVIS, J. G., HANSON, H. L., and LINEWEAVER, H. Characterization of the effect of freezing on cooked egg white. Food Res. 17:393-401. July/Aug. 1952. 389.8 F7322

95376 EARLE, W., and DARRAH, L. B. Egg prices on the New York City market, 1910-1951. N. Y. Agr. Col. A. E. 816,22 p. May 1952. 281.9 C81

95377 EVANS, D. W. California to raise promotion funds through compulsory "checkoff." Turkey World 27(9):14,50-51. Sept.1952. 47.38 T84

95378 FANGAUF. Eierlieferant der verbrauchszentren. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.89-90. Kiel,1951. 33.27 Sch34

95379 FISCHER, C. M. Studies in turkey marketing in the Western States. Utah. Agr. Expt. Sta. Spec. Rpt. 6,16 p. May 1952. 100 Ut1Sp

The Agricultural Experiment Stations of California, Oregon, and Washington and the U. S. Department of Agriculture cooperating.

95380 FOISY, L. Production des oeufs d'incubation. Agriculture [Montreal] 9:141-145. Spring 1952. 7 Ag82

95381 FORMULA for marketing success: give the public what it wants—then tell them about it. Farm Mangt. 1(4):23-25. May/June 1952. 281.8 F2225

Turkeys.

95382 GEORGIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Commercial egg production, a golden opportunity for Georgia farmers. Ga. Agr. Col. Ext. C. 368,4 p. July 1952. 275.29 G29C

Chiefly situation and outlook.

95383 HAVIGHORST, C. R. Breaks egg-grading bottleneck. Food Engin. 24(9):90-92,170. Sept.1952. 389.8 F737

95384 HENAULT, N. Les couvoirs, les postes de classement d'oeufs et les abattoirs de volailles du Québec. Agriculture [Montreal] 9:62-68. Spring 1952. 7 Ag82

95385 HILGER, R. Was ist beim vorbereiten einer schau zu beachten? Geflügelhof 15:463-465. July 18, 1952. 47.8 G276

Egg marketing in Switzerland.

95386 HOFFERT, E., and others. The defrosting method and palatability of poultry. Food Technol. 6:337-338. Sept.1952. 389.8 F7398

A. R. Plagge, B. Lowe, and G. F. Stewart, joint authors.

95387 HOWE, M. A., JR., and GORESLINE, H. E. In-plant chlorination in poultry dressing plants. World's Poultry Sci. J. 8:169-173. July/Sept.1952. 47.8 W89

95388 JASPER, A. W. The egg and you. Mktg. Activ. 15(7):13-15. July 1952. 1.942 A8M34

Survey in Rhode Island of quality of eggs in homes in relation to their price and point of purchase.

95389 JOHNDREW, O. F., JR. The poultry marketing goal. World's Poultry Sci. J. 8:164-168. July/Sept.1952. 47.8 W89

95390 JONES, B. Increased productivity of South African ostrich farming. New Commonwealth 24:177-179. Aug.18,1952. 280.8 C88

95391 LAHAYE, J. A. Production et mise sur le marché des oeufs de consommation. Agriculture [Montreal] 9:133-140. Spring 1952. 7 Ag82

95392 LORENZ, F. W., and others. The development of Pseudomonas spoilage in shell eggs. I. Penetration through the shell. Food Res. 17:351-360. Ref. July/Aug.1952. 389.8 F7322

P. B. Starr, M. P. Starr, and F. X. Ogasawara, joint authors.

95393 LOWRIE, A. W. Profile and perspective. Nulaid News 30(4):6-7,23-28. Sept.1952. 47.8 N917

Poultry outlook.

95394 MALTAIS, L. J. Les lois régissant la vente des produits avicoles au Canada. Agriculture [Montreal] 9:44-50. Spring 1952. 7 Ag82

95395 MARGOLF, P. What'll you do with your undergrades? Turkey World 27(9):18-19,48. Sept.1952. 47.38 T84

Processed turkey products.

95396 MAW, W. A. La production du dindon et sa mise sur le marché. Agriculture [Montreal] 9:90-102. Spring 1952. 7 Ag82

95397 MOORE, E. M. Purchasing practices and quality recognition for eggs, Ithaca, New York, 1952. N. Y. Agr. Col. A. E. 835,23 p. Aug.1952. 281.9 C81

95398 PARIÑA, S. L. A practical approach to the marketing of eggs in the Philippines. Agr. & Indus. Life 14(7):6-7,47. July 1952. 25 Ag8

95399 PARKER, W. H. The tainting of eggs by paradichlorbenzene. World's Poultry Sci. J. 8:177. July/Sept. 1952. 47.8 W89

95400 PILON, U. Classification officielle des poussins produits dans Québec. Agriculture [Montreal] 9: 173-174. Spring 1952. 7 Ag82

95401 PILON, U. Production et mise sur le marché du gros poulet et du chapon. Agriculture [Montreal] 9: 113-124. Spring 1952. 7 Ag82

95402 PILON, U. Progrès décennaux et portrait actuel de l'aviculture du Québec. Agriculture [Montreal] 9:11-18. Spring 1952. 7 Ag82

95403 PLATT, F. L. Advantages of poultry raising in the Northeast. Everybodys Poultry 57(8):13,42-43. Sept.1952. 47.8 F213P

95404 PLATT, F. L. The Eastern market for poultry meat. Everybodys Poultry Mag. 57(8):9,26-27. Sept.1952. 47.8 F213P

95405 POPE, B. B. New single dip wax method simplifies defeathering. Mag. Ducks & Geese 3(3):20-21. Summer 1952. 47.8 M27

95406 RAIMO, H. F. Poultry raising as a factor in the balance between crops and livestock. (In Portuguese.) Rev. dos Criadores 23(6):18-20. June 1952. 43.8 R32

Brazil.

95407 REDDITT, J. R. Midwestern egg production needs overhauling. U. S. Egg & Poultry Mag. 58(9):14-15, 24. Sept.1952. 286.85 Eg3

95408 REED, F. D. What's wrong with the broiler business? U. S. Egg & Poultry Mag. 58(9):16. Sept. 1952. 286.85 Eg3

95409 RICHARDSON, J. Jersey [egg] producers find advertising gets results. Everybodys Poultry Mag. 57(8): 12,30-31. Sept.1952. 47.8 F213P

95410 ROBERTS, J. B. Graded egg purchasing in Kentucky. Ky. Agr. Expt. Sta. B. 585,24 p. May 1952. 100 K41

Prices for the producer under graded buying.

95411 ROY, G. Le commerce des produits avicoles dans le Québec. Agriculture [Montreal] 9:51-61. Spring 1952. 7 Ag82

95412 ROY, J. B. Les associations avicoles provinciales et nationales. Agriculture [Montreal] 9:159-165. Spring 1952. 7 Ag82

95413 SEAVER, S. K., and KING, R. A. Competitive position of the Connecticut poultry industry. 3. Marketing eggs through wholesale channels. Conn. (Storrs) Agr. Expt. Sta. B. 269,27 p. Nov.1951. 100 C76S

95414 SMITH, H., and TROWER, J. Relation of various egg-marketing methods to producer returns in Maryland. Md. Agr. Expt. Sta. B. A70,29 p. n.d. 100 M36S

95415 STADELMAN, W. J., and JENSEN, L. S. Egg quality from the farm to the home. Wash. State Col. Ext. B. 461,12 p. Aug.1952. 275.29 W27P

95416 U. S. BUR. OF AGRICULTURAL ECONOMICS. Farm production, disposition cash receipts and gross income—turkeys 1950 - 1951; turkeys on farms, January 1951 - 1952, by States, by E. S. Kimball, P. W. Smith, and R. F. Moore. Washington,1952. 8 p. 1.942 D22T84

95417 U. S. BUR. OF AGRICULTURAL ECONOMICS. Missouri turkey crop report, 1952. Columbia,1952. 1 p. 1.941 H8T84

95418 U. S. BUR. OF AGRICULTURAL ECONOMICS. Turkey report. Richmond,1952. 2 p. 1.941 H8T842 Statistics.

95419 VAITSMAN, J. How to preserve eggs. (In Portuguese.) Lav. e Criacão 13(4):61-62. Apr.1952. 49 L392

95420 VINCENT, G. Production et mise sur le marché du poulet de gril. Agriculture [Montreal] 9:103-112. Spring 1952. 7 Ag82

95421 WEEKS, J. P. Home dressing plant offers chance for increased income. Broiler Growing 3(9):12-13,55-57. Sept.1952. 47.8 B782

95422 WILLIAMS, H. M. Here's a plant with built-in flexibility. U. S. Egg & Poultry Mag. 58(9):11-13,25-26,28,30. Sept.1952. 286.85 Eg3

RUBBER AND RUBBER SUBSTITUTES

95423 CHEAH, S. L. A note on the phosphatase in latex. Rubber Res. Inst. Malaya.J.13:200-205. Dec.1951. 78.9 R824J

95424 COCKBAIN, E. G. A method of determining the specific surface area of rubber in latex. (Abs.) Rubber Res. Inst. Malaya. J. 13:151-152. Dec.1951. 78.9 R824J
Hevea.

95425 COLSTON, R. The rubbers—looking to 1953. Mag. Wall St. 90:642-643. Sept.6,1952. 286.8 M27

95426 COMPAGNON, P., and CRETIN, C. Correlations of some constituents of latex and technical properties of the rubber. Rubber Res. Inst. Malaya.J. 13: 211-219. Dec.1951. 78.9 R824J

95427 COOK, A. S., and MCMULLEN, A. I. The lutoid fraction and the stability of Hevea latex. (Abs.) Rubber Res. Inst. Malaya. J. 13:135. Dec.1951. 78.9 R824J

95428 COOK, A. S., and MCMULLEN, A. I. The pre-coagulation of Hevea latex in wet weather. (Abs.) Rubber Res. Inst. Malaya. J. 13:139-140. Dec.1951. 78.9 R824J

95429 COOK, A. S. Studies on the temporary preservation of Hevea latex. (Abs.) Rubber Res. Inst. Malaya. J. 13:162-163. Dec.1951. 78.9 R824J

95430 CRETIN, C. A study of the redox system of Hevea brasiliensis latex. Rubber Res. Inst. Malaya.J. 13:184-191. Dec.1951. 78.9 R824J

95431 DINSMORE, R. P. Economic and physical aspects of GR-S modifications. Inst. Rubber Indus. Trans 28:166-206. Ref. Aug.1952. 305.9 In7
Synthetic rubber.

95432 DOPF, K. Zweihundert jahre kautschuk-industrie. Prakt. Chem. 3:9-10. Jan.1952. 384 P88

95433 DRAKE, G. W. The amino acid constituents of the protein of Hevea latex. (Abs.) Rubber Inst. Malaya J. 13:145. Dec.1951. 78.9 R824J

95434 DRAKE, G. W. The determination of the inorganic constituents of Hevea latex. (Abs.) Rubber Res. Inst. Malaya. J. 13:144. Dec.1951. 78.9 R824J

95435 ESSEN, W. J. VAN. Molecular weight distribution of rubber in fresh Hevea latex of different clones. (Abs.) Rubber Res. Inst. Malaya. J. 13:124-126. Dec. 1951. 78.9 R824J

95436 GESELLSCHAFT DEUTSCHER CHEMIKER. Fachtagung der GDCh-fachgruppe "kunststoffe und kautschuk" in Frankfurt a. M. Kunststoffe 42:226-228. Aug.1952. 309.8 K96

95437 GILS, G. E. VAN. The contribution to the yellow fraction to the viscosity of latex. (Abs.) Rubber Res. Inst. Malaya. J. 13:131-132. Dec.1951. 78.9 R824J

95438 GILS, G. E. VAN. Studies on the viscosity of latex. I. Arch. v. de Rubbercult. 28:61-66. Dec.1951. 78.8 Ar2

95439 HEINISCH, K. F., and BIE, G. J. VAN DER. Dirt content of crude Hevea-rubber. Arch. v. de Rubbercult. 28:1-60. Dec.1951. 78.8 Ar2

95440 HEINISCH, K. F. Infrared aging test for rubber. (In Dutch.) Bergcultures 21:281,283. July 16, 1952. 22.5 B45
English summary.

95441 KREBS, H. Über die wirkungsweise der basischen vulkanisationsbeschleuniger. (Abs.) Kunststoffe 42:226. Aug.1952. 309.8 K96

95442 MCMULLEN, A. I. The extraction of latex under sterile conditions and some properties of sterile latex. (Abs.) Rubber Res. Inst. Malaya. J. 13:129-130. Dec.1951. 78.9 R824J
Hevea.

95443 MCMULLEN, A. I. The preservation of latex at neutral pH. (Abs.) Rubber Res. Inst. Malaya. J. 13:160-161. Dec.1951. 78.9 R824J

95444 MCMULLEN, A. I. Some aspects of theories of spontaneous coagulation. (Abs.) Rubber Res. Inst. Malaya. J. 13:133-134. Dec.1951. 78.9 R824J
Latex.

95445 MCMULLEN, A. I. The structure and strength of fresh coagula. (Abs.) Rubber Res. Inst. Malaya. J. 13:166. Dec.1951. 78.9 R824J

95446 MADGE, E. W. Latex stability. Inst. Rubber Indus. Trans. 28:207-223. Ref. Aug.1952. 305.9 In7
Includes discussion.

95447 PALLIER, H. La situation mondiale du caoutchouc. Études d'Outre-Mer 35:213-216. May/June 1952. 286.8 M35

95448 PATON, F. J. Latex stability. (Abs.) Rubber Res. Inst. Malaya. J. 13:136. Dec.1951. 78.9 R824J
Hevea.

95449 PHILPOTT, M. W., and SEKAR, K. C. The determination of volatile acids in latex. (Abs.) Rubber Res. Inst. Malaya. J. 13:164-165. Dec.1951. 78.9 R824J

95450 PHILPOTT, M. W. Latex stability and composition. (Abs.) Rubber Res. Inst. Malaya. J. 13:137-138. Dec.1951. 78.9 R824J
Hevea.

95451 PIDFORD, J. H. A chemical stability test for latex. Rubber Res. Inst. Malaya.J.13:206-210. Dec.1951. 78.9 R824J

95452 PIKE, M., and WATSON, W. F. Mastication of rubber. I. Mechanism of plasticizing by cold mastication. J. Polymer Sci. 9:229-251. Ref. Sept.1952. 381 J829

95453 RESING, W. L. Phosphatides of Hevea brasiliensis, occurrence of sugars. (Abs.) Rubber Res. Inst. Malaya. J. 13:141-143. Ref. Dec.1951. 78 R824J

95454 RUBBER RESEARCH INSTITUTE OF MALAYA Proceedings of a latex symposium, held at Kuala Lumpur on February 19-21st,1951. Rubber Res. Inst. Malaya.J. 13:98-219. Dec.1951. 78.9 R824J

95455 SCHOON, T., and ZEEHUISEN, J. J. Chemically protected rubber sheets. (In Dutch.) Bergcultures 21:287. July 16,1952. 22.5 B45
English summary.

95456 SCHOON, T. Dialyzed coagulum. (In Dutch.) Bergcultures 21:283,285. July 16,1952. 22.5 B45
English summary.

95457 SCHOON, T., and ZEEHUISEN, J. J. Oxalic acid as a coagulation preparation in the manufacture of rubber. (In Dutch.) Bergcultures 21:289. July 16,1952. 22.5 B45
English summary.

95458 SCHOON, T., and LINDEN, P. J. V. D. Possibilities of applying short time dialysis of the coagulum in preparation of rubber. (In Dutch.) Bergcultures 21:285. July 16,1952. 22.5 B45
English summary.

95459 SCHOON, T., and ZEEHUISEN, J. J. Precoagulation of the yellow fraction by means of alkaline salts of weak antiseptic acids. (In Dutch.) Bergcultures 21: 287,289. July 16,1952. 22.5 B45
English summary.
Crepe rubber.

95460 SEKHAR, B. D., and MCMULLEN, A. I. A note on the fractional separation of latex proteins. (Abs.) Rubber Res. Inst. Malaya J. 13:146-147. Dec.1951. 78.9 R824J
Hevea.

95461 SKRAUP, W. Zur faktisbildung, schwefelung und vulkanisation. (Abs.) Kunststoffe 42:226. Aug.1952. 309.8 K96

95462 WILLIAMS, A. E. Applying pH to latex processing. Rubber Age & Synthetics 33:282-283,285. Aug. 1952. 305.8 R824

SEEDS

95463 BORGMANN, K. Saatgut bester qualität. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.45-46. Kiel,1951. 33.27 Sch34

95464 DOES grass and legume seed treatment pay? Farm Mangt. 1(2):39-41. Jan./Feb.1952. 281.8 F2225

95465 HECKENDORN, W. American seed trade foundation for plant life. Seed Trade News 59(10):4. (Cont.) Sept.3,1952. 61.8 Se3

95466 ILLINOIS CROP IMPROVEMENT ASSOCIATION, INC. The 1951 official handbook of seed certification. Urbana,1951. 52 p. 61.9 IL6

95467 KENTUCKY. AGRICULTURAL EXPERIMENT STATION. Seed inspection in Kentucky, 1951-52. Ky. Agr. Expt. Sta. Regulat. B. 98,75 p. May 1952. 100 K41

95468 KOVACEVIC, J. Contribution à l'etude des impuritês dans la lucerne de provenance yugoslave. (In Serbo-Croatian.) Biljna Proizvodnja 5:119-123. May/June 1952. 64.8 B49
French summary.

95469 KRYLENKO, A. A. Size of seeds and their exact weight. (In Russian.) Selek. i Semen. 19(3):41-44. Mar.1952. 61.9 Se5
Discusses article by V. M. Strakhova.

95470 MARTYNOV, V. Quality of choice seeds of grain crops. (In Russian.) Selek. i Semen. 19(3):3-9. Mar.1952. 61.9 Se5

95471 MUKHERJI, D. K. Seed-testing of samples of foodgrains. Indian Farming 12:8-14. Jan./Feb.1951. 22 In283

95472 OBUKHOV, A. N. Cleaning seeds of perennial grasses on a grain cleaner. (In Russian.) Kormovaîa Baza 3(7):52-53. July 1952. 60.8 K84

95473 OHIO SEED IMPROVEMENT ASSOCIATION. Wheat, grasses & winter barley. Columbus,1952. 17 p. 61.9 Oh30

95474 PEARL, R. C. Certified seed helps profits of farmer, miller, seedsman. West. Feed & Seed 7(8): 35,43-44. Aug.1952. 389.78 W52

95475 ROBERTS, R. M. Follow exact specifications in treating grain seeds. West. Feed & Seed 7(8):33,45. Aug.1952. 389.78 W52

95476 TAYLOR, J. J. Seed law protective measure. Fla. Cattleman 16(12):48-50. Sept.1952. 43.8 F66

95477 U. S. BUR. OF AGRICULTURAL ECONOMICS. Stocks of vegetable seeds on June 30, 1951, 1952, and 1946-50 average. Washington,1952. 8 p. 1.941 S8V522

95478 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Publications on the identification of seeds. Washington,1952. 3 p. 1.914 P2P962

95479 WOHLRAB, W. Die zuchtbuchführung in gartenbaulichen samenzuchtbetr' en. Saatgut- Wirt. 4:136-137. June 1952. 61.8 Sa1
Germany.

SUGAR AND SIRUPS

95480 ALBON, N., and GROSS, D. The chromatographic determination of raffinose in raw sugars. Analyst 77:410-412. Aug.1952. 382 An1

95481 ANDRES, P. Kleine chronologie der zuckertechnik. Z. f. die Zuckerindus. 2:16-17. Jan.20,1952. 65.8 D48

95482 ANDRES, P. Kleine chronologie der zuckertechnik. Z. f. die Zuckerindus. 2:58-59,83-87. (Cont.) Ref. Feb.20-Mar.20,1952. 65.8 D48

95483 ATCHISON, J. E. Processes available for production of pulp from sugar cane bagasse. World's Paper Trade Rev. 138:493-494,496-498,503-504. Aug.14, 1952. 302.8 W89

95484 BARTENS, A. 150 jahre rübenzuckerindustrie. Z. f. die Zuckerindus. 2:7-8. Jan.20,1952. 65.8 D48

95485 BETHMANN-HOLLWEG, F. VON. Futter und zucker aus eigener scholle. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.52-53. Kiel,1951. 1951. 33.27 Sch34
Schleswig-Holstein sugar beet industry.

95486 BHATTACHARGA, H. C. New method of clarification by sulphitation. Sugar 47(9):52-53. Sept. 1952. 65.8 F11
Cane juice.

95487 BROWN, R. J. Chromatographic determination of raffinose in mother beets and raw beet juices. Internatl. Sugar J. 54:217-218. Aug.1952. 65.8 In8

95488 BULK handling to date. Sugar 47(9):40-47. Sept.1952. 65.8 F11

95489 CAMERON, E . B. G. Notes on grain establishment. Queensland Soc. Sugar Cane Technol. Proc. 19:169-170. 1952. 65.9 Q332

95490 CAVALLARO, L. Two years of work at the School for Perfecting the Sugar Industry of the Cevasco Foundation at the University of Ferrara. (In Italian.) Indus. Sac. Ital. 45:164-167. May/June 1952. 65.8 In23

95491 CECIL, F. Zuckerhausrechnungen. Z. f. die Zuckerindus. 1:109-113;2:53-56,89-91. Dec.20,1951, Feb.20-Mar.20,1952. 65.8 D48
Germany.

95492 CENTRO AGRONÓMICO DE CAUTÍN. Ubicación en el país de los distritos remolacheros y modalidades de la industria azucarera. Simiente 21:3-6. 1951. 9.3 Si4

95493 CLAIRE, A. G. The keeping quality of first expressed juice. Queensland Soc. Sugar Cane Technol. Proc. 19:67-73. 1952. 65.9 Q332

95494 COSTA FILHO, M. Factories of the XVIIth century in "Rezão do Estado do Brasil." (In Portuguese.) Bras. Açucareiro 39:346-348. (Cont.) Apr.1952. 65.8 B73

95495 CRAWFORD, W. R. Fundamentals of sugar drying. Queensland Soc. Sugar Cane Technol. Proc. 19: 75-82. 1952. 65.9 Q332

95496 DEKKER, K. D. and ELBERS, W. Some notes on the functioning of the final molasses department of Java mills. Internatl. Soc. Sugar Cane Technol. Proc. 7:628-635. 1950,pub.1951. 65.9 In84

95497 DÖRFELDT, W. Nachtrag zu: Verfahren zur rübenrohsaftgewinnung. Z. f. die Zuckerindus. 2:59. Feb.20,1952. 65.8 D48

95498 DÖRFELDT, W. Ueber die verarbeitungsfähigkeit von drei charakteristischen zuckerrübensorten: kleinwanzleben E, kleinwanzleben Z und Hilleshög. Z. f. die Zuckerindus. 1:1-5,20-23,65-67. July 20-Aug.20,Oct. 20,1952. 65.8 D48

95499 DÖRFELDT, W. Verfahren zur rübenrohsaftgewinnung. Z. f. die Zuckerindus. 2:13-15. Jan.20, 1952. 65.8 D48

95500 DOYLE, B. K. Marketing of blackstrap. Flour & Feed 53(4):24. Sept.1952. 298.8 F66

95501 DYMOND, G. C. Clarification problems in Natal. Internatl. Soc. Sugar Cane Technol. Proc. 7: 549-554. 1950,pub.1951. 65.9 In84

95502 EGLINGTON, V. B. Two massecuite boiling system for low purity syrup. Queensland Soc. Sugar Cane Technol. Proc. 19:171-177. 1952. 65.9 Q332

95503 FAUSEL, W. Durch steigerung des zuckergehaltes zu einem höheren rübenpreis. Württemb. Wchnbl. f. Landwirt. 119:715. Aug.9,1952. 18 W96

95504 GUPTA, K. K. Ash percentage in Indian gurs from electrical conductivity measurements. Sugar Technol. Assoc. India. Proc. 20:16-20. 1951. 65.9 Su33P

95505 HARDWICK, W. R. The polarization of sugar for merchanting purposes. Internatl. Sugar J. 54:216,214. Aug.1952. 65.8 In8

95506 HARTARD EBERT, M. Producción de azúcar en el país. Industria 69:270. May 1952. 297.9 So1
Statistical, for Chile.

95507 HES, J. W. The deterioration of harvested sugar cane under constant conditions. Internatl. Soc. Sugar Cane Technol. Proc. 7:616-619. Ref. 1950,pub. 1951. 65.9 In84

95508 HIRSCHMÜLLER, H. Bewertung von verbrauchszuckern nach der extinktion der lösung. Z. f. die Zuckerindus. 2:155. Ref. May 20,1952. 65.8 D48
English summary.

95509 HIRSCHMÜLLER, H. Die entwicklung der austauscherbehandlung von zuckersäften. Z. f. die Zuckerindus. 1:5-7. Ref. July 20,1951. 65.8 D48

95510 HIRSCHMÜLLER, H. Die erste kampagne in Cunern. Z. f. die Zuckerindus. 2:8-9. Jan.20,1952. 65.8 D48

95511 HIRSCHMULLER, H., WESCHKE, K. H., and WESCHKE, H. J. Internationale zuckerskala. Z. f. die Zuckerindus. 1:46-48. Sept. 20, 1951. 65.8 D48
Sugar analysis.

95512 HIRSCHMÜLLER, H. Vergleich von aschen deutscher verbrauchszucker. Z. f. die Zuckerindus. 1:116-117. Dec.20,1951. 65.8 D48

95513 INTERNATIONAL SOCIETY OF SUGARCANE TECHNOLOGISTS. Proceedings of the seventh congress, 25th Aug.-15th September 1950. Brisbane,1951. 795 p. 65.9 In84

95514 JENKINS, G. H. The determination of sucrose in molasses. Queensland Soc. Sugar Cane Technol. Proc. 19:53-55. 1952. 65.9 Q332

95515 JUL REYES, G. Posible efecto desplazante del cultivo de la remolacha azucarera sobre otros cultivos. Simiente 21:55-56. 1951. 9.3 Si4
Chile.

95516 KAUFMANN, W. Zur lagerung der zuckerrüben. Zucker 5:317-318. July 15,1952. 65.8 Z82

95517 KHANNA, K. L., and CHACRAVARTI, A. S. Studies in storage of gur. Indian J. Agr. Sci. 21:245-251. Sept.1951. 22 Ag83I

95518 KÖHLER, O. Rübenentladung und transportvorrichtungen in zuckerfabriken. Z. f. die Zuckerindus. 2: 120-123. Apr.20,1952. 65.8 D48
English summary.

95519 KRAMER. Zur frage der zuckerversorgung aus eigener ernte. Z. f. die Zuckerindus. 2:10-12. Jan.20,1952. 65.8 D48
Germany.

95520 LEMANN, C. J., and NETTLES, F. T. The bulk handling of raw sugar by motor trucks. Internatl. Soc. Sugar Cane Technol. Proc. 7:608-613. 1950,pub. 1951. 65.9 In84

95521 LEWIS, W. B. Observations on the application of the superstat to raw juice. Queensland Soc. Sugar Cane Technol. Proc. 19:83-86. 1952. 65.9 Q332

95522 LONG, B. E. Progresos en la industria azucarera de Cuba, Florida, Louisiana, Hawaii y Mexico. VI. Acta Agron. [Palmira] 2:141-145. July 1952. 9.4 Ac8
Installment deals with Hawaii.

95523 MANUAL of sugar companies 1951/52. Ed. 29. New York,Farr,1952. 322 p. 65.9 F24

95524 MASSON, E. C. Estudio sobre el indice de agotamiento de la miel final. Asoc. de Téc. Azucareros de Cuba. B. Ofic. 11:127-133. May 1952. 65.9 As5B

95525 MAURANDI, V. Colorimetric determination of saccharose diffused by the transportation water. (In Italian.) Indus. Sac. Ital. 45:88-92. Ref. Mar./Apr. 1952. 65.8 In23

95526 MITCHELL, E., and SOMMERFELD, C. A. Chemical and optical methods for determining sucrose in final molasses. Queensland Soc. Sugar Cane Technol. Proc. 19:57-62. 1952. 65.9 Q332

95527 MUKHERJEE, S., and SRIVASTAVA, H. C. Solvent extraction of aconitic acid from molasses. Sugar Technol. Assoc. India. Proc. 20:77-79. 1951. 65.9 Su33P

95528 MURRAY, M. How to know the syrup you buy. Tex. Agr. Col. Ext. MS-884,2 p. Jan.1951. 275.29 T313M

95529 POLLMAN, K. P. Clarificación de los jugos procedentes de los filtros rotatorios. Caña y Azúcar 1(2):15-16. May 1952. 65.8 C163

95530 POWELL, E. G. An investigation of differences between apparent purity and true purity of molasses by C.S.R. Co. methods of analysis. Internatl. Soc. Sugar Cane Technol. Proc. 7:661-665. 1950,pub.1951. 65.9 In84
Colonial Sugar Refining Co, Sydney.

95531 POWELL, E. G. Maximum exhaustion in low-grade massecuite. Internatl. Soc. Sugar Cane Technol. Proc. 7:623-628. 1950,pub.1951. 65.9 In84

95532 ROLLANO, A. Nuevas técnicas para el mejoramiento de nuestra industria azucarera. Caña y Azúcar 1(1):13-16,28. Apr.1952. 65.8 C163
Puerto Rico.

95533 ROSA, J. DE LA. Purified cellulose from bagasse. Internatl. Soc. Sugar Cane Technol. 7:570-578. 1950,pub.1951. 65.9 In84

95534 SAHA, J. M., and JAIN, N. S. Further work on the new technique of clarification by the sulphitation method. Sugar Technol. Assoc. India. Proc.20:37-58. 1951. 65.9 Su33P

95535 SALINAS, J. G. Handicap del caballo azucarero cubano. Asoc. de Téc. Azucareros de Cuba. B. Ofic. 11:241-242. July 1952. 65.9 As5B

95536 SAVOIE, C. C. The clarification of filtrate by centrifuging. Internatl. Soc. Sugar Cane Technol. Proc. 7:584-587. 1950,pub.1951. 65.9 In84

95537 SCHNEIDER, F., EMMERICH, A., and HOFFMANN, R. Über die spezifische wärme von zuckerrübenschnitzeln. Zucker-Beih. 6:90-100. Ref. May 1952. 65.8 Z84

95538 SCHNEIDER, F., and others. Über die stickstoffhaltigen nichtzuckerstoffe. 1. Mitteilung: Untersuchungen auf dem gebiete der aminosäuren, insbesondere in rübenmelasse. Zucker-Beih. 6:79-89. Ref. May 1952. 65.8 Z84
E. Reinefeld, H. Grove, H. Müller, and B. Zenker, joint authors.

95539 SHERWOOD, I. R., and HINES, W. J. Microbiological aspects of the deterioration of raw sugar. Internatl. Soc. Sugar Cane Technol. Proc. 7:591-607. Ref. 1950,pub.1951. 65.9 In84

95540 SHUKLA, J. P., and SETH, S. P. Activity of yeast in the batch fermentation of molasses. J. Sci. & Indus. Res. 11B:10-13. Jan.1952. 475 J82

95541 SHUKLA, J. P., and KAPOOR, B. D. Distillery practice in India. Sugar Technol. Assoc. India. Proc. 20:21-30. 1951. 65.9 Su33P

95542 SHUKLA, J. P., KAPOOR, B. D., and SETH, S. P. Distillery practice in India. Sugar Technol. Assoc. India. Proc. 20:65-73. 1951. 65.9 Su33P

95543 SMIT, P. Ionenaustausch und adsorption in der zuckerindustrie. Z. f. die Zuckerindus. 2:149-154. Ref. May 20,1952. 65.8 D48
English summary.

95544 SOMANADER, K. J. Sugar-cane growing in Ceylon. New Commonwealth 24:174-175. Aug.18,1952. 280.8 C88
The industry.

95545 SUGAR TECHNOLOGISTS' ASSOCIATION OF INDIA. Proceedings of the twentieth annual convention, 1951. Part I-II. Kanpur,1952? 85 p. 65.9 Su33P

95546 TRAVAGLI, G. On the extraction of saccharose from sugar beet chips in a neutral medium. (In Italian.) Indus. Sac. Ital. 45:194-198. May/June 1952. 65.8 In23

95547 ULRICH, K. Pastoren als förderer der rübenzuckerfabrikation. Z. f. die Zuckerindus. 2:18-19. Jan.20,1952. 65.8 D48
Germany.

95548 VANDENBERG, H. Some aspects of sugar deterioration during storage. Queensland Soc. Sugar Cane Technol. Proc. 19:87-94. Ref. 1952. 65.9 Q332

95549 VÁZQUEZ, E. A. Paper products from sugar cane. Internatl. Soc. Sugar Cane Technol. Proc. 7:576-584. 1950,pub.1951. 65.9 In84
Includes discussion.

95550 VENTON, C. B. Further experiences with the Douwes-Dekker formula. Queensland Soc. Sugar Cane Technol. Proc. 19:63-65. 1952. 65.9 Q332
Application to molasses.

95551 VENTON, C. B. The present status of low-grade work in Queensland. Internatl. Soc. Sugar Cane Technol. Proc. 7:635-644. 1950,pub.1951. 65.9 In84
Includes discussion.

95552 VILLAMIL, A. O. Cálculos sobre la cantidad de bagazo durante la zafra de 1950 en un central azucarero. Asoc. de Téc. Azucareros de Cuba. B. Ofic. 11: 125-126. May 1952. 65.9 As5B

95553 WADDELL, C. W. Principles of a relative percentage payment system. Internatl. Soc. Sugar Cane Technol. Proc. 7:613-615. 1950,pub.1951. 65.9 In84
Queensland.

95554 WADDELL, C. W. Stale cane losses. Queensland Soc. Sugar Cane Technol. Proc. 19:39-51. 1952. 65.9 Q332

95555 WALAWALKAR, D. G., and MATHUR, R. K. Preparation of levulose. Sugar Technol. Assoc. India. Proc. 20:13-15. 1951. 65.9 Su33P

95556 WEBRE, A. L. Mechanical circulation and refined sugar crystallization. Internatl. Soc. Sugar Cane Technol. Proc. 7:655-661. 1950,pub.1951. 65.9 In84

95557 WEIBULL, N. Weibull raw sugar silo. Sugar 47(9):48-50. Sept.1952. 65.8 F11
Sweden.

95558 WHALLEY, T. G. Heavying-up final massecuite. Queensland Soc. Sugar Cane Technol. Proc. 19:161-167. 1952. 65.9 Q332

95559 YING, K. C. Gunny bags. Taiwan Sugar Corp. TSC News Let. 15:2-3. Apr.5,1952. 65.9 T13

TOBACCO

95560 ATTYGALLE, A. B. The tobacco industry in the Island. Trop. Agr. [Peradeniya] 107:154-160. July/Sept.1951. 26 T751

95561 DEWEY, A. W. Binder tobacco market reports. Cigar Val. News 2(6):5-6. June 1952. 286.89 C482

95562 DEWEY, A. W. The outlook for binder tobacco. Cigar Val. News 2(5):3. May 1952. 286.89 C482

95563 DEWEY, A. W. Planted acreages of binder tobacco. Cigar Val. News 2(8):6-7. Aug.1952. 286.89 C482
Connecticut.

95564 MEISNER, F. Schwere sorgen um die inlandernte 1952. Süddeut. Tabakztg. 62(33):1. Aug.15, 1952. 286.89 Su2

95565 PACK, A. B. Merits of firing tobacco with gas. Cigar Val. News 2(8):3,5. Aug.1952. 286.89 C482

95566 PACK, A. B., and JUNNILA, W. A. The principles of curing Broadleaf and Havana seed tobaccos. Conn. (State) Agr. Expt. Sta. C. 183,27 p. July 1952. 100 C76St

95567 PACK, A. B. Weather forecasting aids tobacco curing. Cigar Val. News 2(7):5,8. July 1952. 286.89 C482

95568 ROLLIN, L. Le problème de la fermentation résolu. Rev. Agr. de l'Afrique du Nord 50:364-367,381-384. June 6-13,1952. 80 R326
Tobacco.

95569 SAVICH, I. Les dévoirs de notre pratique tabatière et les mésures pour leur application au cours de l'année 1952. (In Serbo-Croatian.) Tutun 2:57-62. Feb.1952. 69.8 T88

95570 TITCHITCH, V. Pourqu'oi doit-on subir le jaunissement aux tabacs? (In Serbo-Croatian.) Tutun 2:46-56. Feb.1952. 69.8 T88

95571 TOBACCO world retail prices, 40th edition June 1/6,1952. London,1952. 84 p. 284.3699 T55

95572 U. S. PRODUCTION AND MARKETING ADMIN. Proposed amendments, to the Official standard grades for flue-cured tobacco. Rev. Washington,1952. 6 p. 1.956 T55P94

95573 U. S. PRODUCTION AND MARKETING ADMIN. Tobacco stocks report as of July 1, 1952. Washington, 1952. 16 p. 1.9 Ec714

95574 VAN DER MERWE, P. J. Only the best leaf for the aristocratic cigar. (In Afrikaans.) Landbouweekblad 34(1723):20-22. July 23,1952. 24 L232
Union of South Africa.

95575 WATSON, G. C. Southern Rhodesia's tobacco industry. African World, Sept.1952:14-15. Sept.1952. 286.8 Af8

MISCELLANEOUS PRODUCTS

95576 BEE, E. Tuna canning "down under" is on its way up. Pacific Fisherman 50(7):61,63-64. June 1952. 414.8 P11

95577 BROEK, C. J. H. VAN DEN. Freezing of herring. (In Dutch.) Visserij-Nieuws 5:18-19. June 1952. 414.8 V822

95578 COURTIN. Préparations alimentaires à partir des poissons des eaux douces du Cambodge. Rev. Vét. Mil. 6:41-80,173-191; 7:41-47. (Concl.) Ref. 1951-1952. 41.8 R3295

95579 FUSSELL, G. E. When hops were grown in Essex! Essex Farmers' J. 31(4):49. June 1952. 10 Es72
History of hops in Essex.

95580 KLEBER, W., and LEHMANN, E. Die ersten gersten der ernte 1952. Brauwelt 33:753-754. Aug.14,1952. 390.8 B732
Analysis of German hops.

95581 KRONE, P. R. Problems that run the gamut. Chrysanthemum Soc. Amer. B. 20(3):21-28. July 1952. 81 C46B
Florist industry.

95582 LEMON, J. M. Filleting fish and freezing fillets. Food Technol. 6:366-368. Sept.1952. 389.8 F7398

95583 LOCHER, A. Vom tettnanger hopfenbau. Brauwelt 33:747-748. Aug.14,1952. 390.8 B732
The industry.

95584 STROBL, W. Nürnberg als hopfenstadt. Brauwelt 33:731-734. Aug.14,1952. 390.8 B732

95585 U. S. BUR. OF AGRICULTURAL ECONOMICS. Marketing information for commercial floriculture; preliminary report, by M. T. Fossum. Washington,1952. 21 p. 1.941 M3M3423

95586 U. S. BUR. OF AGRICULTURAL ECONOMICS. Marketing information for commercial ornamental horticulture; preliminary report, by M. T. Fossum. Washington,1952. 21 p. 1.941 M3M3422

95587 WEIGAND. Vom gebirgshopfen. Brauwelt 33:746-747. Aug.14,1952. 390.8 B732
The German industry.

95588 ZATTLER, F. Vorschlag einer standardmethode für die handbeurteilung des hopfens. Brauwelt 33:735-739. Ref. Aug.14,1952. 390.8 B732

AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY

References on farm structures and rural housing are classified with Agricultural Engineering.

GENERAL

95589 AULL, G. H. The South's competitive position Farm Policy Forum 5(9):25-28. Sept.1952. 281.8 F2274

95590 BALLICO, P. Economic conditions in Africa. (In Italian.) Riv. di Agr. Subtrop. e Trop. 46:137-150. Apr./June 1952. 26 Ag82
English summary.
Includes the agricultural economy.

95591 DIAMOND, W. Industry service: a positive force in aiding farmers. Feedstuffs 24(37):21-22,24,43-45. Sept.13,1952. 286.81 F322

95592 DIAZ UNGRIA, J. Semblanza económica de Venezuela. Agricultura [Madrid] 21:385-388. July 1952. 15 Ag84

95593 FRANCE. INSTITUT NATIONAL DE LA STATISTIQUE ET DES ÉTUDES ÉCONOMIQUES. La situation economique du Japon. France. Inst. Natl. de la Statis. et des Études Écon. Études et Conjoncture, Écon. Mond. 6(3):34-78. May/June 1951. 280.9 F842
Includes agriculture.

95594 GT. BRIT. BOARD OF TRADE. Indonesia; review of commercial conditions. London,H.M. Stationery Off.,1951. 68 p. 280.1994 G79
Includes agriculture.

95595 HAZAMA, M. Nogyo keizai ron [Agricultural economy theories]. Tokyo,Mikasa Shobo,1951. 226 p. (Keizaigaku Zensho, Book of Agricultural Economy 18) 281.8 K26

95596 ITO, I. On the methods to comprehend the agricultural construction. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:440-448. Nov.1951. 107.6 K995B
English summary.
Economic theory.

95597 LANDBOUW-ECONOMISCH INSTITUUT. Jaarverslag 1951 [Annual report 1951]. n.p.,1951. 71 p. 281.9 L23

95598 LOMBARD, T. A. Agriculture and economics of the western Mediterranean area. II. Calif. Citrog. 37: 426,438-439. Sept.1952. 80 C125
Spain and Italy.

95599 STARCK, A. R. British West Indies; economic and commercial conditions in the eastern Caribbean. London,Board of Trade,1952. 74 p. (Overseas Economic Surveys) 254.8 W523
Includes agricultural conditions.

95600 U. S. EXTENSION SERV. A graphic presentation of rural trends, by A. F. Raper. Washington,1952. 33 p. 1.913 A2G764
Economic and social changes.

95601 WADHAM, S. M. Influence of economic factors. Chamber Agr. Victoria. Ybk. 1952:49,51,53-57, 59,61-62. 23 V663

AGRICULTURAL FINANCE

95602 LINKE, W. Das risiko im hopfenbau. Brauwelt 33:740-743. Aug.14,1952. 390.8 B732
Germany.

95603 MARKETING to farmers: what are the special opportunities today and the prospects tomorrow? Tide 26(35):34,36,38,40,42-44. Aug.29,1952. 238.28 T43

Credit

95604 ANGELINI, F. Exposé sur l'activité de la C. I. C. A. [Confédération Internationale du Crédit Agricole]. Conféd. Internatl. du Crédit Agr. B. 2(5/6):20-22. Jan./June 1952. 284.29 C765

95605 BANKS outdistance others in farm credit. Banking 45(3):68-69. Sept.1952. 284.8 Am3

95606 BAUGHMAN, E. T. What's ahead in farm credit. Feedstuffs 24(36):17-18,20. Sept.6,1952. 286.81 F322

95607 CAMPEN, P. C. M. VAN. Le crédit agricole cooperatif aux Pays-Bas au cours de 1951. Conféd. Internatl. du Crédit Agr. B. 2(5/6):15-16. Jan./June 1952. 284.29 C765

95608 COLORADO BANKERS ASSOCIATION. Proceedings of the fifth-first annual convention, Hotel Colorado, Glenwood Springs, June 12, 13, 14, 1952. Mountain States Banker 37(29):19-72. July 21,1952. 284.8 M86
Contains report of the Agricultural Committee.

95609 A COUNTRY banker looks at farm credit. Farm Mangt. 1(3):48-51. Mar./Apr.1952. 281.8 F2225

95610 DENMARK. INDENRIGS- OG BOLIGMINISTERIET. Beretning fra Indenrigs- og Boligministeriet om kreditforeningernes virksomhed i regnskabsåret 1947-48 [Report of the Department of Interior and Housing on the activities of the credit associations in the fiscal year 1947-1948]. København,1951. 59 p. 284.29 D41K

95611 FARRINGTON, R. L. Building strong credit line with bank for co-ops. News Farmer Coop. 19(6):11-12. Sept.1952. 166.2 N47

95612 THE FEDERAL Land Bank looks at farm credit. Farm Mangt. 1(5):47-51. July/Aug.1952. 281.8 F2225
Work of the Federal Land Banks.

95613 FLAVIGNY, P. Crédit agricole en France; un aspect de l'évolution dans les techniques du crédit agricole: le développement du crédit à moyen terme. Conféd. Internatl. du Crédit Agr. B. 2(5/6):8-9. Jan./June 1952. 284.29 C765

95614 HABAKKUK, H. J. The long-term rate of interest and the price of land in the seventeenth century. Econ. Hist. Rev. (ser.2)5:26-45. 1952. 277.8 Ec7
England.

95615 HORLACHER, M. Deutscher Raiffeisentag 1952. Salzburger Bauer 7(31):2-3. July 31,1952. 19 Sa3

95616 KARPOFF, E. Financing gives grower price insurance. Broiler Growing 3(9):15,26. Sept.1952. 47.8 B782

95617 LANHAM, B. T. A challenge for southern bankers. Farm Policy Forum 5(9):29-31. Sept.1952. 281.8 F2274
Services.

95618 LEBEAU, L. Le crédit agricole mutuel en Algérie. Conféd. Internatl. du Crédit Agr. B. 2(5/6):11-15. Jan./June 1952. 284.29 C765

95619 LOEST, J. Die deutsche genossenschaftskasse: vorgeschichte, aufbau und aufgaben. Münster. U. Inst. f. Genossenschw. Vorträge u. Aufsätze 4,44 p. Jan.1952. 280.29 M92V

95620 LÜBKES, F. Le crédit agricole en Allemagne Occidentale en 1951 (rapport des affaires de la Landwirtschaftliche Rentenbank pour l'année 1951). Conféd. Internatl. du Crédit Agr. B. 2(5/6):16-17. Jan./June 1952. 284.29 C765

95621 MARANI, C. Cash credit. (In Italian.) Mondo Agr. 3(30):3. July 27,1952. 16 M74
Italy.

95622 MORGANDO, A. Loans to peasants. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:274-275. July 1952. 16 C72

95623 NEUTER, M. F. DE. Situation du crédit agricole en Belgique à fin 1951. Conféd. Internatl. du Crédit Agr. B. 2(5/6):9-11. Jan./June 1952. 284.29 C765

95624 NOELL, G. Die landwirtschaft in USA und ihr kreditsystem. Frankfurt am Main, Landwirtschaftliche Rentenbank,1952. 175 p. 284.2 N682

95625 PATIL, B. A. Agricultural credit in the Netherlands. Bombay Co-op. Q. 36:8-13. July 1952. 280.28 B63

95626 SCHULTZ. Ländliche kreditgenossenschaften und sparkassen. Raiffeisen-Rundschau 4:188. Aug.1952. 284.28 R132
Germany.

95627 SIEBKE. Die kreditsorgen der land- und ernährungswirtschaft. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.38-39. Kiel,1951. 33.27 Sch34

95628 A STATEWIDE bank looks at farm credit. Farm Mangt. 1(4):49-54. May/June 1952. 281.8 F2225

95629 TAPP, J. W. Farm credit; short term demand promises all time high. Banking 45(3):56,124. Sept. 1952. 284.8 Am3

95630 TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Managing your bank account. Tex. Agr. Col. Ext. MS-917,6 p. Sept.1951. 275.29 T313M

95631 U. S. DEPT. OF AGRICULTURE. A report on operations of farm-stored commodity loan program. Washington,1952. 8 p. 1.90 A2R297

95632 U. S. FARMERS HOME ADMIN. Farmers Home Administration. Washington,1951? 2 p. 1.949 F228
Credit services.

95633 U. S. FARMERS HOME ADMIN. The Minnesota story; a report on activities of the Farmers Home Administration in Minnesota for fiscal year 1951. St. Paul,1951. 11 p. 1.949 M664

95634 U. S. PRODUCTION AND MARKETING ADMIN. How's your storage? U. S. D. A. PA-210,2 p. Aug.1952. 1 Ag84Pro
Farm storage facility loans.

Income

95635 BEAN, L. H. Are farmers getting too much? Rev. Econ. & Statis. 34:248-261. Aug.1952. 251.8 R32
Includes comments by D. G. Johnson and J. D. Black, and a reply by L. H. Bean.
Income.

95636 PETERSON, W. H., and AULL, G. H. The composition of farm income in South Carolina, 1924-50. S. C. Agr. Expt. Sta. C. 85,30 p. Apr.1952. 100 So8

95637 SURVEY of employment income and expenditure of the people of Bombay State. Bombay. Bur. Econ. & Statis. B. 5:28-87. July 1951. 269.54 Ec7
Includes the population engaged in agriculture.

95638 TRAMBOVETSKII, I. Distribution of income and development of public economy of a collective farm. (In Russian.) Kolkhoz. Proizvodstvo 12(5):16-17. May 1952. 281.8 K83
Stalin Kolkhoz in Krasnoarmeiskii District, Groznyi Region.

Insurance

95639 BOTTS, R. R. Progress in farm mutual legislation. Washington,U. S. Bur. Agr. Econ.,1952. 18 p. 1.941 A2B65
Address, Virginia Association of Mutual Insurance Companies, Roanoke, July 28-29, 1952.

95640 DANN, A. C. Accident claims. Land Worker 33(399):5. Aug.1952. 283.8 L22
Great Britain.

95641 ELLICKSON, J. C. All-risk crop insurance. Agr. Situation [Washington] 36(7):8,11. July 1952. 1 Ec7Ag

95642 MOORAHREND. Neue durchschnittliche jahresarbeitsverdienste. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1246-1247. Aug.14,1952. 18 L2346

95643 O'CONNOR, E. Cyclone and drought insurance of sugar crops in Mauritius. Internatl. Soc. Sugar Cane Technol. Proc. 7:150-152. 1950,pub.1951. 65.9 In84
Includes discussion.

95644 SASKATCHEWAN MUNICIPAL HAIL INSURANCE ASSOCIATION. Annual reports season 1951. Regina,1952. 24 p. 284.69 Sa7
Additional Municipal Hail Limited, cooperating.

95645 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Federal crop insurance, by J. Brainard and B. Crom. Washington,Aug.2,1952. 3 p. 1.914 R2R11

Taxation

95646 AGNEW, A. Tips on taxation. Westral. Farmers' Co-op Gaz. 22:375-376. (Cont.) June 1952. 280.28 W522
Income tax.

95647 CHILANTI, P. Innovations in the field of communal and provincial taxes. (In Italian.) Terra e Sole 120:259-260. Aug,1952. 16 T273
Italy.

95648 DALMASSO, G. The new law on local finance and wine. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98: 283-284. July 1952. 16 C72

95649 FM PROBLEM study report No. 2: Income tax and the farmer. Farm Mangt. 1(2):53-66. Jan./Feb. 1952. 281.8 F2225

95650 KRIEBER, F. Kraftfahrzeugsteuer 1952. Bauer 5(27):12-13. Aug.9,1952. 19 B32
Austria.

95651 KRISTENSEN, K. J. The Køge resolution—its leaders and their importance. (In Danish.) Husmandshjemmet 2(31):3-4. Aug.5,1952. 11 H963
Taxation.

95652 SCHIETHART, L. J. Small comfort for property owners. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:219-220. July/Aug.1952. 12 N282
Taxation in the Netherlands.

95653 SCHRÖDER, K. Demnächst fällige steuertermine. Hannoversche Land- u. Forstwirt. Ztg. 105:753. July 26,1952. 18 H194

95654 SCHUBERT. Abgabepflicht der genossenschaften zum lastenausgleich. Raiffeisen-Rundschau 4: 202-203. Aug.1952. 284.28 R132
Germany.

95655 STRUNZ, H. Die phasenpauschalierung bei der umsatzsteuer. Landwirtschaft 15/16:224-225. Aug.1952. 19 L235
Austria.

95656 THOMAS, A. S. Tax facts; changing tax laws is big task. Hoosier Farmer 37(9):11,24. Sept. 1952. 280.82 H76

95657 WILL UNCLE Sam O K your tax return? Farm Mangt. 1(1):29-31. Nov./Dec.1951. 281.8 F2225

AGRICULTURAL LABOR AND WAGES

95658 BECHARA, M. Job methods. (In Portuguese.) Colheit. e Mercados 8(3/4):3-7. Mar./Apr.1952. 255.3 Sa652

95659 BOGAN, N. Collaboration of tractor and field brigades. (In Russian.) Kolkhoz. Proizvodstvo 12(5):6-7. May 1952. 281.8 K83

95660 BONAL, E. Allègement du travail de la fermière par l'amélioration des transports. Agrarpolit. Rev. 8:402-404. June/July 1952. 281.8 Ag824

95661 CASTELLANO, P. El "bracerismo" sigue siendo un problema difícil. Confed. de Cám. Nac. de Com. Carta Semanal 17(789):11. Aug.9,1952. 286.8 C76
Mexican labor in the United States.

95662 DUMONT, M. Le démariage manuel des betteraves. (Sum.) Agrarpolit. Rev. 8:383-384. June/July 1952. 281.8 Ag824

95663 FARM labor pains hit Pacific Northwest. Farm Mangt. 1(1):57-58. Nov./Dec.1951. 281.8 F2225

95664 FRAER, S. Some problems in organizing tractor brigades at the machine-tractor stations in the non-Black soil area. (In Russian.) Sotsialist. Sel'sk. Khoz. 23(6):30-36. June 1952. 281.8 So73

95665 FURMAN, L. M., comp. Voprosy organizatsii i oplaty truda v kolkhozakh; sbornik statei [Problems in organization and payment of labor on collective farms]. Moskva,Gos. Izd-vo Selkhoz Lit-ry,1951. 271 p. 283 F982
Contains papers by L. M. Furman, P. N. Sergeev, S. K. Gusev, A. IA. Kholostova, M. M. Shestakov, B. I. Shik, D. F. Chukhno, V. K. Mikhnovskiĭ, V. A. Ovsienko, and P. V. Mamaev.

95666 GLEMMESTAD, E. Potato harvesting working methods. (In Norwegian.) Norsk Landbr. 18:285-287. (Cont.) Aug.15,1952. 11 N8122

95667 HAUSHOFER, H. Um einen führungsanspruch. Landwirt. Wchnbl. 142:937-938. Aug.23,1952. 18 L2338
Labor unions in Germany.

95668 IS LABOR your hot potato? Farm Mangt. 1 (4):15-19. May/June 1952. 281.8 F2225

95669 JACKSON, L. Productivity of rural labour; Australia and the United States compared. Westral. Farmers' Co-op Gaz. 22:399-403. June 1952. 280.28 W522

95670 KOHLI, H. Das arbeitsrecht und seine auswirkungen auf die landwirtschaft in England. Agrarpolit. Rev. 8:465-469. Aug.1952. 281.8 Ag824

95671 LAYCOCK, G. Old MacDonald takes it easy. Nation's Business 40(9):44-45,68-70. Sept.1952. 286.8 N212
Efficiency in work management.

95672 LEVANTE, C. Laborers and owner-cultivators (In Italian.) Agenzia Romana Note e Inform. Agr. 5(67): 1-2. Aug.9,1952. 281.8 Ag3

95673 LOZOVOĬ, V. Initiators of competition. (In Russian.) Mashinno-Traktornaia Sta. 12(4):3-5. Apr. 1952. 58.8 M11
Productive capacity of tractor brigades at Malorossiĭskaia MTS.

95674 MARUO, S. Character of labour on the tobacco-planting. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:429-432. Nov.1951. 107.6 K995B
English summary.

95675 MOORAHREND. Das betriebsverfassungsgesetz tritt in kraft. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1243. Aug.14,1952. 18 L2346
Labor legislation.

95676 MÜLLER, E. A. Arbeitsphysiologische betrachtungen zur frage des rübenvereinzelns. Agrarpolit. Rev. 8:381-383. June/July 1952. 281.8 Ag824

95677 MÜLLER, E. A. Arbeitsphysiologische gesichtspunkte beim fahren und tragen von lasten. Agrarpolit. Rev. 8:396-402. June/July 1952. 281.8 Ag824

95678 NAUMOVSKI, N. New economic measures and new organization of labor will produce great impact on cooperative production. (In Serbo-Croatian.) Socijalisticko Zemjodelstvo 4(3/4):1-10. Mar./Apr.1952. 280.28 So7
Yugoslavia.

95679 ORGANISATION d'un chantier d'arrachage—ramassage de pommes de terre. Rev. Agr. de l'Afrique du Nord 50:485-488. July 25,1952. 80 R326

95680 POTTER, P. What's ahead in labor-management relations. Amer. Milk Rev. 14(9):38,42,111. Sept. 1952. 44.8 Am38

95681 SCHMOOKLER, J. The changing efficiency of the American economy, 1869-1938. Rev. Econ. & Statis. 34:214-231. Aug.1952. 251.8 R32
Includes labor productivity.

95682 SERBIN, A. Leaders in combine harvesting of flax. (In Russian.) Mashinno-Traktornaia Sta. 12(6):4-7. June 1952. 58.8 M11
Work management.

95683 SLEPTSOV, M. Organization of grain harvesting. (In Russian.) Kolkhoz. Proizvodstvo 12(5):8-10. May 1952. 281.8 K83

95684 TOFTE, M. Landarbeit und landflucht. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.22-23. Kiel,1951. 33.27 Sch34

95685 VALE, P. The working day in agriculture. (In Norwegian.) Landbrukstidende 58:584. July 23,1952. 11 L236

95686 VISCOVO, M. DEL. Unemployment and agriculture. (In Italian.) Humus 8(6):10-11. June 1952. 16 H88
Italy.

AGRICULTURE - SITUATION, POLICIES, AND PROGRAMS

95687 ACERBO, G. The European "green pool" and Italian agriculture. (In Italian.) Italia Agr. 89:447-451. July 1952. 16 It1

95688 AMERICA'S newest frontier. Farm Mangt. 1 (4):35-36. May/June 1952. 281.8 F2225
Productivity outlook for the Columbia Basin Project.

95689 ANDALÒ, G. Productivity contest. (In Italian.) Mondo Agr. 3(31):1-2. Aug.3,1952. 16 M74
Italy.

95690 ARGENTINA. MINISTERIO DE AGRICULTURA Y GANADERIA. Interpretación de la política agraria justicialista, by C. A. Emery. Buenos Aires,1952. 192 p. 281.161 Ar32

95691 ASMIS. Reiseeindrücke von Frankreichs landwirtschaft. Deut. Landwirt.-Gesell. Mitt. 67:547-548. Aug.2,1952. 18 N39

95692 ASSAM. DEPT. OF AGRICULTURE. Annual report of the Grow More Food activities for the year 1950-51, pt. II. Shillong?1952. 116 p. 22 As7Rp

95693 BALLAD, F. L. Oregon farmers look ahead. Ext. Serv. Rev. 23:116,119,121,123. July 1952. 1 Ex892Ex

95694 BEAN, L. H. Farms and firms. III. 5 million farms and 5 million business firms by 1970. Agr. Situation [Washington] 36(7):6-7. July 1952. 1 Ec7Ag

95695 BEAUMONT. Les industries agricoles à l'Office du Niger. Études d'Outre-Mer 35:43-44. Jan./Feb.1952. 286.8 M35

95696 BELGIUM. OFF. DU COMMERCE EXTERIEUR L'Égypte; étude de marché. Marais,1951? 36 p. 280.192 B41E
Includes agriculture.

95697 BERTHAULT, P. La situation agricole. Rev. Agr. de l'Afrique du Nord 50:377-378. June 13,1952. 80 R326

95698 BEUKENKAMP, R. L. The Republican and Decocratic agricultural policy in the United States. (In Dutch.) Landbouwwereldnieuws 7:483-485. Aug.2,1952. 12 L237

95699 BIELFELDT. Über struktur und lage der schleswig-holsteinischen landwirtschaft. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.7-10. Kiel,1951. 33.27 Sch34

95700 BORASIO, L. In the ancient lands of the Pharaohs. (In Italian.) Riso 1(6):10-13. July 1952. 59.8 R49
Agriculture.

95701 BUENO, L. DE F., and HAUSNER, J. G. Indexes of agricultural production in São Paulo. (In Portuguese.) Rev. dos Mercados 3(22):24-28. June 1952. 286.8 R328

95702 CAMPALL, E. F. Mi impresión de la agricultura inglesa. Rev. Ganad. [Habana] 12(8):51-52. Aug. 1952. 49 R321

95703 CANDIOLI, P. Aspects and problems of Italian agriculture. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:286-288. July 1952. 16 C72

95704 CERLETTI, G. B. The IX International Congress of Agricultural Industries and Italy. (In Italian.) Humus 8(6):21-22. June 1952. 16 H88

95705 CHAPMAN, P. W. Resourceful Oklahoma. Prog. Farmer, Tex. Ed. 67(9):16,114. Sept.1952. 6 T311
Includes agriculture in Oklahoma.

95706 CHIUDERI, A., and BONINSEGNI, S. Present conditions of Mexican agriculture and trends in agricultural policy. (In Italian.) Riv. di Agr. Subtrop. e Trop. 46:103-132. Apr./June 1952. 26 Ag82
English summary.

95707 CHOUARD, P. La science et l'évolution sociale de l'agriculture. Rev. d'Oka 26:69-84. May/June 1952. 7 Ok1

95708 DÉLÉGATION FRANÇAISE SUR LES CAUSES DE LA HAUTE PRODUCTIVITÉ AMÉRICAINE. Rapport. Meun. Franc. 71:31-36. (Cont.) July/Aug.1952. 298.8 M57

95709 DESSI, G. Agricultural progress. (In Italian.) Agr. e Coop. 1:2-3. Jan.1952. 280.28 Ag82
Policy for Sardinia.

95710 DIAMOND, W. T. Agricultural relationships. Flour & Feed 53(4):10-11. Sept.1952. 298.8 F66

95711 DURAND-REVILLE. Quelques aspects politiques, économiques et sociaux de la promotion agricole dans la France d'Outre-Mer. Agr. Prat. 116:392-393. Aug.1952. 14 J82

95712 FLORENT'EV, L. IA. Kuznetskaia MTS in the effort for a high level of agriculture. (In Russian.) Sovet. Agron. 10(6):12-19. June 1952. 20 So84

95713 FROUIN, J., and CORAINVILLE, R. C. DE. Jersey, "l'Ile Fleurie." B. des Engrais 342:107-109. June 1952. 57.8 D87
Agriculture.

95714 GEROLD'S Handbuch der landwirtschaft, v.I, lfg.4, p.299-390. Wien,C. Gerold's Sohn,1952? 33.29 G31

95715 GHILAIN, J. Le plan décennal pour le développement économique et social du Ruanda-Urundi. Inst. Roy. Colon. Belge B. des Séances 22:933-948. 1951. 504 B836
Includes agriculture.

95716 GILFILLAN, R. S. Austria a land of bare subsistence. Farmers Union Herald 26(15):6. Aug.4, 1952. 280.28 F224
Agricultural observations.

95717 GOMES, P. Trends of Brazilian agriculture. (In Portuguese.) Bras. Açucareiro 39:350-352. Apr.1952. 65.8 B73

95718 HAHNE, A. Die landwirtschaft im Münsterland. Diplomlandwirt 2:86-88. Aug.1952. 18 D62

95719 HARTARD EBERT, M. Indices del volumen de la producción agropecuaria. Campesino [Santiago] 84(6): 49. June 1952. 9.3 So12
Chile.

95720 HAUSHOFER, H. Eine landwirtschaftliche reise nach Schottland. Landwirt. Wchnbl. 142:914-915. Aug.16,1952. 18 L2338

95721 HEDGES, T. R., and BAILEY, W. R. State's productive capacity; California's agricultural productive capacity attainable in 1955 projected from findings of Federal-State survey. Calif. Agr. [Calif. Sta.] 6(7):2,12. July 1952. 100 C12Cag

95722 HEGEDUS, A. La réorganisation socialiste de l'agriculture en Hongrie. Prob. Écon. 241:15-19. Aug.12,1952. 280.8 P948

95723 HELFER, R. Provisions on behalf of mountain territory: restore the mountain to man; lead man back to the mountain. (In Italian.) Agricoltura 1(7):13-20. July 1952. 16 Ag8226
English summary.
Italy.

95724 HIRSCHFELD, A. L'état de l'alimentation et de l'agriculture en 1950-51. Coopération 22:25-28. July/Aug.1952. 280.28 C7845
France.

95725 HOBSON, K. Keeping up on the farm outlook. Wash. State Col. Ext. C. 212,5 p.-folder. July 24,1952. 275.29 W27C

95726 HOMAN, J. Netherlands cooperation team in America. (In Dutch.) Drents Landbbl. 33(31):1-2. Aug. 7,1952. 12 D812
Observations on agriculture.

95727 HORLACHER, M. Allerlei wichtiges für unsere bauern. Landwirt. Wchnbl. 142:911-912. Aug.16,1952. 18 L2338
Germany.

95728 HORLACHER, M. Es geht nicht ohne planung in der agrarpolitik. Raiffeisen-Rundschau 4:200. Aug. 1952. 284.28 R132
Germany.

95729 JANDOLO, E. The master road. (In Italian.) Mondo Agr. 3(32):1-2. Aug.10,1952. 16 M74
Agricultural policy in Italy.

95730 JAWANT, D. Aid from the West for India. New Commonwealth 24:159-160. Aug.18,1952. 280.8 C88
Agricultural aid.

95731 MCCORMICK, C. J. Accepting the challenge. Washington,U. S. D. A., Off. Sec.,1952. 11 p. 1.91 A2M132
Talk at dedication of St. Croix County USDA Building, Baldwin, Wis., July 31,1952.
Effectiveness of the farm program.

95732 MCCORMICK, C. J. Building for the future. Washington, U. S. D. A.,Off. Sec.,1952. 11 p. 1.91 A2M132
Talk before Arkansas State Farmers Union Convention, Little Rock, Aug. 16, 1952, on programs to aid agriculture.

95733 MCCORMICK, C. J. Facing our problems. Washington,U. S. D. A., Off. Sec.,1952. 12 p. 1.91 A2M132
Talk to State PMA Meeting, Savannah, Ga., Aug. 27, 1952.
Programs and activities of the U. S. Production and Marketing Administration.

95734 MCCORMICK, C. J. There's more to be done. Washington,U. S. D. A., Off. Sec.,1952. 15 p. 1.91 A2M132
Talk to State PMA Meeting, Stillwater, Okla., Aug. 28, 1952.
Programs and activities of the U. S. Production and Marketing Administration.

95735 MCWILLIAMS, R. C. Trends in Franklin County, Vermont. United Farmers New Eng. News. 12 (2):8-9. Aug.1952. 6 Un35
Trends in agriculture.

95736 MAITAN, D. Contribution of the North to the agricultural development of the South. (In Italian.) B. dell'Agr. 86(30):1-2. July 25,1952. 16 B87
The work of SVAM..

95737 MAZZOLI, W. Georgic poets: "La coltivazione" of Luigi Alamanni. (In Italian.) Italia Agr. 89: 439-446. July 1952. 16 It1

95738 MILTHERS, A. The plan for increasing production in Western Europe by 25%. (In Danish.) Nord. Lantbrekon. Tidskr. 2(2):11-17. 1952. 281.8 N75
Chiefly agriculture.

95739 MOLAND, A. Agriculture in Iceland. (In Norwegian.) Landbrukstidende 58:607-608. July 30, 1952. 11 L236

95740 MORINAGA, T. Nogaku ko [Agricultural studies]. Tokyo,Yokendo,1951. 201 p. 30 M82

95741 MULLET, H. A. State's good record in production. Chamber Agr. Victoria. Ybk. 1952:63-65, 67-71,73. 23 V663
Includes discussion.

95742 MURPHY, D. R. Farm platforms of the Republicans and Democrats. Farm Policy Forum 5(9):7-9. Sept.1952. 281.8 F2274

95743 NEIGHBOURS, J. L. Agriculture—the first occupation of man. Aberdeen-Angus J. 34(2):74,164,166. (Cont.) Sept.1952. 43.8 Ab3
In the Bible.

95744 NEW SOUTH WALES. RURAL RECONSTRUCTION BOARD. Report for the year ended 30th June, 1951. Sydney,1952. 11 p. 284.29 N47

95745 NOGUEIRA, J. B. Territorial division of the State of São Paulo. (In Portuguese.) Colheit. e Mercados 8(5/6):17-25. May/June 1952. 255.3 Sa652

95746 OREGON isn't guessing about its farm future. Farm Mangt. 1(4):11-14. May/June 1952. 281.8 F2225

95747 PACE, D. Declarations on Danish agriculture. (In Italian.) Gior. di Agr. 62:256. Aug.24,1952. 16 It1G

95748 PATEL, D. P. Revolutionising our agriculture. Bansilal Amritlal Agr. Col. Mag. 5(2):24-27. Feb. 1952. 22 B22

95749 PEIVE, IA. V. For further prosperity of Socialist Agriculture of the Latvian SSR. (In Russian.) Latv. PSR Zinātņu Akad. Vēst. 1:35-40. 1951. 511 R442

95750 PERON, J. Refirma su política agraria con los nuevos precios para maiz y girasol. Mundo Agr. 4 (38):7. July 1952. 9 M92
Argentina.

95751 PEYRONNET, R. Heureuses formules. Rev. Agr. de l'Afrique du Nord 50:361-363. June 6,1952. 80 R326
Agricultural situation in Algeria.

95752 PEYRONNET, R. Situation agricole de l'Algérie. Rev. Agr. de l'Afrique du Nord 50:477-480. July 25,1952. 80 R326

95753 RAHM, H. A. L'action de la France en Indochine. B. Econ. de l'Indochine (n.s.)54,127 p. Jan./Mar. 1952. 22.5 In2
Includes agriculture.

95754 RATHSCHLAG. Die ernte 1952 hat begonnen; was können wir von ihr erwarten? Hannoversche Land- u. Forstwirt. Ztg. 105:769. Aug.2,1952. 18 H194

95755 RHODES, F. M. Farm programs and economic stability. Washington,U. S. Prod. & Mktg. Admin.,1952. 20 p. 1.956 A21R34
Address at meeting of Workshop on Economic Education, University of Mississippi, July 30, 1952.

95756 ROSS, R. C. Agriculture in Illinois. Ill. Farm Econ. 205:1365-1378. July 1952. 275.28 IL5

95757 SCHLESWIG-HOLSTEIN (STATE) MINISTERIUM FÜR ERNÄHRUNG, LANDWIRTSCHAFT UND FORSTEN. Nahrung für den Bund; leistung und aufgabe der land- und ernährungswirtschaft Schleswig-Holsteins. Bearb. von Wolfgang Clauss. Kiel,1951. 98 p. 33.27 Sch34

95758 SCHLINGEMANN. Impressions of a trip to the United States. VI-VII. (In Dutch.) Zeeuwsch Landbbl. 40(2131):2; (2132):2-3. July 19-26,1952. 12 Z2
Agricultural.

95759 SCHMID, G. Landwirtschaftliches und tierärztliches aus Finnland. Schweiz. Bauer 106(91):7. Aug.8,1952. 17 Sch95

95760 SHAW, B. T. Land resources for increased agricultural output. Washington,U. S. Agr. Res. Admin., 1952. 10 p. 1.98 Sh2
Talk before the American Farm Economic Association, Urbana, Aug. 28, 1952.

95761 SIAM. PUBLICITY DEPT. Modern Thailand. Bangkok,1951? 44 p. 127 Si12
Includes agriculture.

95762 SINISCALCHI, A. Examples of rural development in the Anzio zone. (In Italian.) Mondo Agr. 3(32): 3-4. Aug.10,1952. 16 M74

95763 SMITH, V. B. The Philippine Islands—1952. Pacific Nowest. Indus. 11:212-214. Sept.1952. 280.8 N812
Includes agriculture.

95764 STAMBAUGH, J. H. Agriculture, an American business opportunity. Natl. Fert. Rev. 27(3):14-16. July/Sept.1952. 57.8 F414

95765 STEWART, H. L. Farm output could be upped a fifth, study shows. Agr. Situation [Washington] 36(7):3, 16. July 1952. 1 Ec7Ag

95766 SUNAGA, S. Mutual regulations between commerciality and self-sufficiency in the Japanese agriculture. Tôhoku U. Inst. Agr. Res. Rpt. 3:103-114. 1951. 22.5 T81

95767 TREMBLAY, R. H. Agriculture in the upper Winooski Valley. Vt. Agr. Expt. Sta. B. 567,84 p. June 1952. 100 V59

95768 U. S. DEPT. OF AGRICULTURE. OFF. OF BUDGET AND FINANCE. Digest of agricultural legislation enacted during 82nd Congress, 2nd session. Washington,1952. 24 p. 1.911 A2D56

95769 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Agriculture one of U. S. top industries. Washington,1952. 13 p. (Doc. 7) 1.914 A2D65

95770 U. S. EXTENSION SERV. The story of how the United States Department of Agriculture tackles farm problems. Washington,1952. 24 p. 1.913 S2St7
A panel symposium prepared by C. G. Gaylord.

95771 U. S. PRODUCTION AND MARKETING ADMIN. OKLAHOMA STATE PMA COMMITTEE. 15 years of progress; the agricultural conservation and related programs in Oklahoma. Washington,1951? 11 p. 1.956 A2F462

95772 VENABLES, T. M., and MICHAEL, P. M. Recent changes in Yugoslav agricultural policy. Foreign Agr. 16:134-139. July/Aug.1952. 1.9 Ec7For

95773 VERSLAG Nederlandse Antillen 1950 [Report of the Netherlands Antilles 1950]. I-II. 's-Gravenhage, 1951. 2 v. 259 K83C
I, Tekst van het verslag van bestuur en staat van de Nederlandse Antillen over het jaar 1949 [Text of the report of the administration and condition of the Netherlands Antilles for 1949], 148 p. (Includes agriculture); II, Statistisch jaaroverzicht van de Nederlandse Antillen over het jaar 1949. Statistical annual of the Netherlands Antilles for the year 1949, 430 p. (Contains trade statistics).

95774 VÖCHTING, F. Die italienische südfrage; entstehung und problematik eines wirtschaftlichen notstandsgebietes. Berlin,Duncker & Humblot,1951. 680 p. Ref. 281.176 V85
Agricultural.

95775 VREDELING, H. Integration of agriculture in western Europe. Internatl. Land Workers' Fed. B. 17/18:17-25. Sept.1952. 283.9 In873B

95776 WARDOJO, M. Agriculture in Indonesia. (In Indonesian.) Hemera Zoa 59:1-25. Jan./Feb.1952. 41.8 V51
English summary.

95777 WHITE, J. B. Policy into practice; Government plans for farming are beginning to bring changes, but the ultimate aims need clearing up. Field 200:294-295. Aug.23,1952. 10 F45
In Great Britain.

Subsidies

95778 ASOCIACIÓN NACIONAL DE UNIONES DE CRÉDITO AGRÍCOLA Y GANADERO. Subsidio de urgente justicia. Crédito y Téc. Agr. 2(47):4-6. Aug.15, 1952. 284.28 C864
Cotton in Mexico.

95779 LANGERMANN, R. Investitionshilfe und zuckerindustrie. Z. f. die Zuckerindus. 2:23-25. Jan.20, 1952. 65.8 D48

COST AND STANDARD OF LIVING

95780 CHOSABU, N. T. Noka kokzai chosa hokoku [Research report of the farming family's economical conditions]. (In Japanese.) Japan. Dept. Agr. & Forestry. Sect. Statis. Norin Kokei Sokuho 24,457 p. 1949,pub. 1951. 269.7 J274Nk

95781 HAGOOD, M. J. Farm operator families are living better, report shows. Agr. Situation [Washington] 36(7):5-6. July 1952. 1 Ec7Ag

95782 U. S. BUR. OF AGRICULTURAL ECONOMICS. Farm-operator family level-of-living indexes for counties of the United States 1930, 1940, 1945, and 1950, by M. J. Hagood. Washington,1952. 82 p. 1.941 R5F22

FARM MANAGEMENT AND LAND ECONOMICS

95783 BOER, K. DE. The farmer as producer of food for humanity. (In Dutch.) Nederlandse Ver. tot Bevord. der Biol.-Dyn. Landbmethode. Vruchtbare Aarde 10:37-45. July 1952. 80 N28

95784 BOL'BATENKO, G. The contract will be fulfilled. (In Russian.) Mashinno-Traktornaîa Sta. 12(4):6-7. Apr.1952. 58.8 M11
Policy of Shpolîanskaîa MTS in Kiev Region.

95785 BOND, G. E. Farming in Rhode Island. R. I. State Col. Ext. Mimeog. C. 74,6 p.-folder. Feb.1952. 275.29 R34M

95786 BURKAÎSKAÎA, G. To master the science of agriculture. (In Russian.) Kolkhoz. Proizvodstvo 12(5): 11-13. May 1952. 281.8 K83
Effect of education on collective farm management.

95787 CAMPO, E. DEL. Sobre la organización de los medios colectivos de cultivo. B. de Oleicult. Internac. 2(8):9-22. May/June 1952. 307.8 B63
English summary, p. 103.

95788 CEYLON. LAND COMMISSIONER. Administration report 1951. Colombo,1952. 22 p. 282.29 C33

95789 COLLINS, W. B. The unit demonstration farm program for W. N. C. farmers. Farmers Fed. News 32(12):30. Aug.1952. 280.28 F225

95790 CONDON, J. Farming practices in West Clare. Beet Grower 6:110-112. July 1952. 66.8 B392

95791 CROW, D. California dairy tour: lesson in management. West. Dairy J. 8(10):20-29. Aug.1952. 44.8 W524

95792 DO YOU treat your son like a hired man? Farm Mangt. 1(3):45-47. Mar./Apr.1952. 281.8 F2225
Father-son partnerships.

95793 DONAHUE, R. L., THORNTON, M. K., and HOLLAND, D. A. New farms for old. Tex. Agr. Col. Ext. B. 185,15 p. Feb.1951. 275.29 T312
Conservation farming.

95794 FM PROBLEM study report No. 1: How Farm Management was born. Farm Mangt. 1(1):63-68. Nov./Dec.1951. 281.8 F2225

95795 FRINGS, H. Ernährung auf kleinster fläche. Tech. f. Bauern u. Gärt. Ausg. A 4:313-314. July 25, 1952. 58.8 T223

95796 FURNESS, J. G. 18d per acre land to five-sheep country. New Zeal. Farmer 73(10):7-8. July 17, 1952. 23 N484
Development of marginal land.

95797 GARRETT, H. E. I knew these farmers. III. Rur. Educ. B. 6:148-151. Oct.1951. 109 C162
Dairy cattle farms in Europe.

95798 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Mehr erzeugen! Sicherer leben! Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 20,31 p. 1951. 18 G312V
Farm management.

95799 HUNNICUTT, W. D. More milk dollars per acre. Fla. Dairy News 3(6):20. Aug.1952. 44.8 F66
Dairy farm management.

95800 HUTCHINSON, J. Farming to find some of the answers. 3. On the chalk. Farmers Wk. [London] 37(8): 60-61,63,65. Aug.22,1952. 10 F2226
Experimental farming in selected regions of England and Wales.

95801 INDIAN CO-OPERATIVE CONGRESS, 1, BOMBAY, 1952. [Proceedings.] Indian Co-op. Rev. 18: 9-80. Jan./Mar.1952. 280.28 In2
Includes cooperative farming; the resolutions passed by the Congress are given, p. 81-84.

95802 JAGER, J. DE. Age of the farmer. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:245-248. July 1952. 12 N383M
Effect on management and production.

95803 KAWAKAMI, K. Shin nogyo zensho, No. 7. Eino gijutsu [A complete collection of new agriculture, No. 7. Technique of management of farming]. Tokyo, Asakura Shoten,1951. 302 p. 22.5 Sh66

95804 LASSEN, K. The State experimental farms "Favrholm" and "Trolleminde." (In Danish.) Dansk Pelsdyravl 15:218-220. Aug.1,1952. 412.628 D23

95805 LIDDELL, J. G. Georgia's Governor farms the conservation way. Soil Conserv. 18:12-15,19. Aug. 1952. 1.6 So3S

95806 LOWE, A. M. Modern farming in general; today's approach to plant required and practical application of farming. Sydney?1951? 164 p. 36 L95

95807 MCDONALD, M. H. What kind of beef cattle will fit your farm plan. Natl. Live Stock Prod. 30(11):6, 16. Sept.1952. 280.38 N21

95808 MCMILLAN, G. A., and MUDD, C. H. Farming to find some of the answers. I. Pennine industrial. Farmers Wk. [London] 37(6):50-52. Aug.8,1952. 10 F2226
Work of experimental farms in selected regions of England and Wales.

95809 MASSACHUSETTS. UNIVERSITY. SCHOOL OF AGRICULTURE. EXTENSION SERV. Publications for farm and home. Mass. U. Agr. Ext. L. 104,rev.,8 p. July 1952. 275.29 M381L

95810 MOORHOUSE, S. Life on Rathlin Island; Irish folklore and modern farming go side by side, with the tractor the usual means of transport. Field 200:339-340. Aug.30,1952. 10 F45

95811 MULLALLY, M. J. To be successful farming must be planned. Beet Grower 6:95-98. July 1952. 66.8 B392

95812 MURRY, J. M. Community farm. London, Nevill,1952. 254 p. 280.2 M96

95813 MUSER, H. H. Ueber den aufbau gemischter betriebe. Deut. Weinbau 7:393-394. Aug.20,1952. 390.8 W432

95814 OREGON. STATE COLLEGE. Land economics; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 16,21 p. Aug.1952. 100 Or3O

95815 PROFESSIONAL advice at budget price. Farm Mangt. 1(5):33-34,36. July/Aug.1952. 281.8 F2225
Cooperative hiring of experts for farm management advice.

95816 RAPP, B. A German model farm. (In Swedish.) Vara Pälsdjur 23:197-202. July 15,1952. 410 V42
Raising coypus.

95817 SAMBERG, Å. Economic analysis. (In Swedish.) Nord. Lantbrekon. Tidskr. 2(2):7-10. 1952. 281.8 N75
Includes farm management.

95818 SCOUVEMONT, F. Une visite guidée aux villages pilotes du Hainaut. Sillon Belge 22(521):3. Aug.16,1952. 13 Si3

95819 SINGH, H. S. Why co-operative farming and how to make a start. United Prov. Co-op. J. 27:396-398. Apr.1952. 280.28 Un3

95820 SÖDERPALM, E. Farming at the Sorselefarm, the vocational farm and home management school of the Agricultural Society of Västerbotten Province. (In Swedish.) Växt-Narings-Nytt 8(5):37-42. 1952. 57.8 V47

95821 TAILOR your crops to the changing market. Farm Mangt. 1(5):60-62. July/Aug.1952. 281.8 F2225

95822 UEHARA, M. Study on the cultivation and utilization of slope farm. VII. Micrometeorological study in spring on the slope farm. (In Japanese.) Kagawa-Ken Agr. Col. Tech. B. 3:72-79. Sept.1951. 107.6 K113
English summary.

95823 UNDERHILL, E. R. The romance of agriculture. Farm Loan News [New York] 92:4-5. Aug.1952. 284.28 F2262
Farming methods.

95824 U. S. BUR. OF AGRICULTURAL ECONOMICS. Crop production practices and resources on farms. I. Northeast. U. S. Bur. Agr. Econ. F. M. 92,86 p. June 1952. 1.941 L6F22

95825 U. S. PRODUCTION AND MARKETING ADMIN. Seven ways to greater egg profit. U. S. D. A. L. 327,8 p. May 1952. 1 Ag84L
Poultry farm practices and egg quality.

95826 WHAT will be your biggest farm headache in 1952? Farm Mangt. 1(2):20-21. Jan./Feb.1952. 281.8 F2225
Management problems.

95827 WHATLEY, T. J. Outlook stresses more labor-saving, expanding capital. Tenn. Agr. Expt. Sta. Prog. Rpt. 2:4,8. Apr./June 1952. 100 T25F

95828 WHAT'S new in sugar beet production? Farm Mangt. 1(4):29-31. May/June 1952. 281.8 F2225
Management aspects.

95829 WHO SAYS a family farm can't be business-managed? Farm Mangt. 1(2):12-19. Jan./Feb.1952. 281.8 F2225

95830 WILKENING, E. A. Acceptance of improved farm practices in three Coastal Plain counties. N. C. Agr. Expt. Sta. Tech. B. 98,75 p. May 1952. 100 N81

95831 YOSHIDA, K. On the self-sufficiency in the farm management. Tôhoku U. Inst. Agr. Res. Rpt. 3: 115-144. Ref. 1951. 22.5 T81

Bookkeeping and Records

95832 BERTSCH, M. Farmer's guidepost; a good record book will show you way to greater success. Prairie Farmer 124(16):5,14. Aug.16,1952. 6 P883

95833 DUNN, W. H. Accurate farm accounts. Farm Q. 7(3):68-71,128-131. Autumn 1952. 6 F22995

95834 HAUPTVERBAND FÜR LANDWIRTSCHAFTLICHE BUCHFÜHRUNG UND BERATUNG. Betriebswirtschaftliche begriffe für die landwirtschaftliche buchführung und wirtschaftsberatung. Ed. 2. Hauptverband f. Landwirt. Buchfuhrung u. Beratung. Schrreihe. 14,11 p. n.d. 30.69 H29

95835 HE MUST have eyes in the back of his head! Farm Mangt. 1(1):16-23. Nov./Dec.1951. 281.8 F2225
Accounting.

95836 LÖHR, L. Faustzahlen für den landwirt. Graz,Stocker,1952. 223 p. 33.29 L83

95837 MÜLLER, A. Ohne buchführung geht es nicht. Landwirt. Wchnbl. f. Westfalen u. Lippe 109A:1252. Aug.14,1952. 18 L2346

95838 ONODERA, M. A consideration on the characteristics of farm book-keeping. Tôhoku U. Inst. Agr. Res. Rpt. 3:145-171. Ref. 1951. 22.5 T81

95839 ROTH, H. A. Buchführung in der landwirtschaft. Ed. 3 rev. Berlin,Parey,1952. 186 p. 30.6 R74

Costs and Returns

95840 BEZEMER, G. H. Is goat keeping worth the trouble these days? (In Dutch.) Geitenhouder 15(8):2-3. Aug.1952. 40.18 G27
Costs and returns in the Netherlands.

95841 BISSET, G. B. Costs and returns from potato production in North Oxfordshire in 1950. Reading, Eng. U. Dept. Agr. Econ. Misc. Cost Studies 21,8 p. Nov. 1951. 281.9 R22M

95842 BLOUNT, C. L., and ASHLEY, T. E. Oats and red clover lead in south Mississippi test. Miss. Farm Res. 15(8):6. Aug.1952. 100 M69Mi
Costs of establishing the pasture and returns in beef produced.

95843 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Costs of producing dates in 1951 [Riverside County], by D. D. Halsey and W. Sullivan. Berkeley?1952? 6 p. 275.29 C12En

95844 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Lemon management study, Santa Barbara County, 1951, by A. D. Reed, G. E. Goodall, and G. S. B. Ferguson. Berkeley?1952? 7 p. 275.29 C12En
Chiefly costs and returns.

95845 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Modoc beef management study, 1952, by A. D. Reed and N. E. Nichols. Berkeley?1952. 7 p. 275.29 C12En
Chiefly costs and returns.

95846 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 1951 apple production costs, by B. B. Burlingame and E. Torpen. Berkeley?1952? 7 p. 275.29 C12En

95847 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 1951 San Bernardino County rabbit cost study, by W. Sullivan and L. M. Harwood. Berkeley?1952? 7 p. 275.29 C12En

95848 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Poultry meat study Los Angeles County, 1951, by C. A. Salverson and A. D. Reed. Berkeley?1952? 4 p. 275.29 C12En
Costs and returns.

95849 CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Third Butte County poultry management study, 1951, by A. W. Mitchell and A. D. Reed. Berkeley?1952? 6 p. 275.29 C12En
Chiefly costs and returns.

95850 COOK, R. S. Costs and returns from milk production in the Southern Province in 1950/1951. Reading, Eng. U. Dept. Agr. Econ. Misc. Cost Studies 24, 29 p. Aug.1952. 281.9 R22M

95851 CORN in the West? Farm Mangt. 1(3):30-34. Mar./Apr.1952. 281.8 F2225
Costs and returns and culture.

95852 DAVIES, J. L. Some economic aspects of dairying in Wales. Soc. Dairy Technol. J. 5:228-232. July 1952. 44.8 So12
Includes discussion.

95853 DOANE, D. H. Should I grow grass? Successful Farming 50(9):38-39,156-158. Sept.1952. 6 Su12
Range of costs.

95854 FELLOWS, I. F., FRICK, G. E., and WEEKS, S. B. Production efficiency on New England dairy farms. 1. A preliminary appraisal of cost reduction opportunities. Conn. (Storrs) Agr. Expt. Sta. B. 283,51 p. Jan. 1952. 100 C76S

95855 FOWLER, H. C. Changes in dairy farming in the Northeast, 1930-51. U. S. D. A. Agr. Inform. B. 86, 55 p. June 1952. 1 Ag84Ab
Costs and returns.

95856 GERMANY (FEDERAL REPUBLIC, 1949) LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Das tor zum erfolg. Germany Land- u. Hauswirt. Auswertungs- u. Informdienst. Flugbl. D,8 p-folder. Jan.1952. 18 G312Fd
Tables showing feed costs for different kinds of livestock.

95857 GILL, J. B., and COATS, R. E. Ryegrass [Lolium], crimson clover best in Brown Loam [Branch Substation] test. Miss. Farm Res. 15(8):6-7. Aug.1952. 100 M69Mi
Pasture costs and returns in cattle.

95858 GIUGLIANI FILHO, J. Industrialization on the basis of cheaper production. (In Portuguese.) Granja [Porto Alegre] 8(62):7-8. May 1952. 9.2 G76
Brazil.

95859 GODFREY, G. F., THAYER, R. H., and THOMPSON, R. B. Broiler growing can be profitable. Natl. Rabbit Raiser & Poultry Grower 19(12):33-34. Aug. 1952. 40.28 R11

95860 GOMEZ QUIROGA, F. Costos de producción en café, region de Quindio. Cent. Nac. de Invest. de Café. Bibliot. B. Inform. 3(29):27-34. May 1952. 68.29 C332

95861 JONSSON, E. Summer pasture on cultivated land. (In Icelandic.) Freyr 47:257. July 1952. 11 F89
Cost of feeding cattle.

95862 KUHLMAN, G. W. Cost of producing filberts in the Willamette Valley, Oregon. Oreg. Agr. Expt. Sta. B. 517,47 p. June 1952. 100 Or3

95863 KUHLMAN, G. W. Cost of producing walnuts in Oregon. Oreg. Agr. Expt. Sta. B. 518,47 p. June 1952. 100 Or3

95864 LECOYER, M. Le prix de revient en arboriculture fruitière. Cour. Hort. 14:321-323. June 1952. 80 C834
Belgium.

95865 MOLLETT, J. A. Financial results of 33 poultry flocks in southern England during 1950-1951. Reading, Eng. U. Dept. Agr. Econ. Misc. Cost Studies 22,20 p. May 1952. 281.9 R22M

95866 MYERS, L. Low farm production costs of sugar beets: a prerequisite for success of beet sugar factories. Washington,U. S. Prod. & Mktg. Admin.,1952. 11 p. 1.957 M99
Paper presented to the United States Beet Sugar Association at San Francisco, July 28, 1952.

95867 PAGANI, A. Method of calculating the cost of livestock production. (In Italian.) Riv. di Zootec. 25:207-209. July/Aug.1952. 49 R52

95868 PINGREY, H. B., and STEPHENS, W. P. Cost of producing whole milk, Tucumcari Irrigation Project, 1951. N. Mex. Agr. Expt. Sta. Press B. 1073,12 p. Aug. 1952. 100 N465

95869 PINGREY, H. B., and STEPHENS, W. P. Farm profits, Tucumcari Irrigation Project, 1951. N. Mex. Agr. Expt. Sta. Press B. 1071,28 p. July 1952. 100 N465

95870 PRADO, F. DE A. Our costs of production. (In Portuguese.) Rev. dos Mercados 3(22):1-2. June 1952. 286.8 R328
Brazil.

95871 REID, I. G. Cost and returns from wheat production on 41 farms in the South of England in 1950-1951. Reading, Eng. U. Dept. Agr. Econ. Misc. Cost Studies 23,7 p. July 1952. 281.9 R22M

95872 REMY, A., and FLINT, J. Mission d'étude de la production fruitière dans l'Est des États-Unis. Rev. Hort. 124:752-757. July/Aug.1952. 80 R32
Cost of production of peaches.

95873 RUSSO, H. Does cotton planting pay? (In Portuguese.) Colheit. e Mercados 8(5/6):15-16. May/June 1952. 255.3 Sa652
Costs and returns in Brazil.

95874 SCHWEIZERISCHES BAUERNSEKRETARIAT. Ergebnisse von buchhaltungserhebungen in landwirtschaftsbetrieben. Erntejahr 1949/50. II. Landwirt Jahrb. der Schweiz (n.s.)1:429-560. 1952. 17 L23

95875 SEGRE, G. Cost of production of the Nebbiolo grape, of Nebbiolo di Barolo wine and Barolo wine. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:276-279. (Cont.) July 1952. 16 C72

95876 SILVEIRA, J. L., and MACHADO, S. S. Estimates on the cost of an acre of rice. (In Portuguese.) Lav. Arroz. 6(64):19-21. Apr.1952. 59.8 L39
Brazil.

95877 SPURLOCK, A. H., and HAMILTON, H. G. Costs of picking and hauling Florida citrus fruits, 50-51 season. Citrus Indus. 33(9):8-10. Sept.1952. 80 C49

95878 STARKE, H. G. Milk producer's profit 1 1/3 d. per gallon. (Sum.) So. African Dairyman 14:111,113, 115,117. July 1952. 44.8 So822

95879 TURNBULL, D. M. Mr. Hatcheryman, do you know your chick costs? Canada Poultryman 39(8/9):20-23. Aug./Sept.1952. 47.8 C166

95880 U. S. DEPT. OF AGRICULTURE. Relation of expenditures for fertilizers to total agricultural production expenses of farm operators and to farm income in the previous year, United States, 1911-1949. Washington, 1952? 1 p. 1.90 A2R27

95881 WESTERMARCK, N. The profits of egg production and factors influencing it in the financial years 1948—49, 1949—50, and 1950—51. (In Swedish.) Lantbrakad. Tidskr. 91:179-197. 1952. 104 Sw3
English summary.
Sweden.

Land Settlement and Colonization

95882 BOYENS. Landwirtschaftliche siedlung—eine soziale aufgabe. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.27-28. Kiel,1951. 33.27 Sch34

95883 JENSEN, E. J. The first Danish smallholder's colony—150 years old. (In Danish.) Husmandshjemmet 2(29):10. July 22,1952. 11 H963

95884 KENYA. DEVELOPMENT AND RECONSTRUCTION AUTHORITY. Annual report, 1951. Nairobi,1951. 31 p. 280.9 K422
Includes settlement and improvement schemes.

95885 LALL, A. B. Progress of the land settlement cooperative societies under the colonisation scheme. United Prov. Co-op. J. 27:369-380. Apr.1952. 280.28 Un3

95886 MONTI, A. Problems of colonization. (In Italian.) Mondo Agr. 3(30):4. July 27,1952. 16 M74
Italy.

95887 MOOD, F. Studies in the history of American settled areas and frontier lines; settled areas and frontier lines, 1625-1790. Agr. Hist. 26:16-34. Jan. 1952. 30.98 Ag8

95888 NEW ZEALAND HIGH COMMISSIONER. AGRICULTURAL AND MIGRATION BR. Where experience counts. New Zealand. Farmers Wk. [London] 37(9): 57-59. Aug.29,1952. 10 F2226
Emigration.

95889 SCHWEDE. Flüchtlingssiedlung. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forstens. Nahrung für den Bund, p.28-29. Kiel,1951. 33.27 Sch34

95890 SINISCALCHI, A. Characteristics of Italian colonization. (In Italian.) Affrica 7:177-179. July/Aug. 1952. 280.8 Af2

95891 SOUTH AUSTRALIA. DEPT. OF LANDS. Annual report, 1950-1951. Adelaide,1951. 78 p. 23 So82
Land settlement, irrigation, and agricultural policy.

95892 VIGUIER, P. Note sur l'organisation financière de l'exploitation des terres irriguées de l'Office du Niger en colonisation. Études d'Outre-Mer 35:27-29. Jan./Feb.1952. 286.8 M35

95893 WADHAM, S. M. Australia, land of hard work. Farmers Wk. [London] 37(8):59. Aug.22,1952. 10 F2226
Prospects awaiting British emigrants to the Dominions.

95894 WELSH LAND SETTLEMENT SOCIETY. Co-operative farms and smallholdings with centralized services in Wales; review for the years 1936-50 and accounts for 1949-50. London,Min. Agr. and Fisheries, 1952. 40 p. 282.29 W46

Land Tenure

95895 BOERLIN, H. E. Pasture leasing terms and practices. West. Dairy J. 8(11):56,61-62. Sept.1,1952. 44.8 W524

95896 BOYD, V. A. Rental arrangements on tractor and non-tractor farms in the Southern Piedmont. South. Coop. Ser. B. 21,30 p. Jan.1952. 100 G29So

95897 BREZHGO, B. Dispossession of peasants in Latgalia in feudal times (1697-1860). (In Russian.) Latv. PSR Zinātņu Akad. Vēst. 4:651-666. Ref. 1951. 511 R442

95898 ESHUIS, J. A. The congress for consolidation of holdings in the Benelux countries, June 12, 13, and 14, at Breda. (In Dutch.) Nederland. Heidemaatsch. Tijdschr. 63:207-211. July/Aug.1952. 12 N282

95899 GRAY, M. The abolition of runrig in the Highlands of Scotland. Econ. Hist. Rev. (ser.2)5:46-57. 1952. 277.8 Ec7

95900 GUTIÉRREZ FERNÁNDEZ, P. La caza y la agricultura. Ceres [Valladolid] 17(194):19,21. Aug.1, 1952. 15 C33

95901 HENRICI. Ausnahmen von der anzeigepflicht. II. Hannoversche Land- u. Forstwirt. Ztg. 105:746. July 26,1952. 18 H194
Leases.

95902 HENRICI. Das neue landpachtgesetz: beanstandung des landpachtvertrages, wenn die pachtleistungen nicht angemessen sind. I. Hannoversche Land- u. Forstwirt. Ztg. 105:768. Aug.2,1952. 18 H194

95903 HORRING. The land as a factor in agricultural production. II-III. (In Dutch.) Friesch Landbbl. 49:464, 472. Aug.8-15,1952. 12 F91
Leases and value.

95904 ITO, N. New Japan; six years of democratization. Tokyo,1951. 239 p. 280.183 It6
Includes land reform.

95905 KAUFMANN, O. K. Der stand der vorarbeiten für die kantonalen einführungsgesetze zum bundesgesetz über die erhaltung des bäuerlichen grundbesitzes. Agrarpolit. Rev. 8:449-465. Aug.1952. 281.8 Ag824
Switzerland.

95906 KRUSE, F. V. Ejendomsretten [The ownership right]. v. 1, 3. Ed 3. Kobenhavn,1951. 2 v. 282.173 K94
Includes land ownership.

95907 LLOVET, E. La tenencia de la tierra.' (Abs.) Uruguay. Min. de Ganad. y Agr. B. Inform. 9(425):3-4. (Cont.) July 24,1952. 9.9 G15B

95908 MANGUM, C. S. The legal status of the tenant farmer in the Southeast. Chapel Hill,U. North Carolina Press,1952. 478 p. 282.002 M31

95909 MONTAGNE, R. La compétence des tribunaux paritaires: l'occupation sans titre. Prog. Agr. et Vitic. 138:127-128. (Cont.) Aug.24/31,1952. 14 P94
France.

95910 PARLAGRECO, A. Agricultural contracts on lands flooded or struck by sea-swells. (In Italian.) Italia Agr. 89:460-478. July 1952. 16 It1

95911 PETERSEN, P. Reform der bodenreform. Deut. Landwirt. Presse 75:211-212. Aug.16,1952. 18 D482

95912 PRAX, A. Le régime de la propriété rurale en Corée. Prog. Agr. et Vitic. 138:123. Aug.24/31,1952. 14 P94

95913 RATCHFORD, C. B. Rental arrangements in the Coastal Plain. N. C. Agr. Col. Ext. C. 370,20 p. Aug.1952. 275.29 N811

95914 RYKAART, M. C. Experiment heralds era of the 100-morgen farm. Veldtrust 13(6):20-21. June 1952. 56.8 V54
Union of South Africa.

95915 VINSON, C. Hunters and farmers. Farm Q. 7(3):52-55,104-105. Autumn 1952. 6 F22995
How a number of States have solved the hunter-farmer problem.

95916 VOET, W. Der pachtzins nach dem neuen landpachtgesetz. Landwirtbl. Weser-Ems 99:783-784. Aug.7,1952. 18 L2345

95917 WEISS. Das problem der umlegung im rebgelände. Deut. Weinbau 7:266. June 5,1952. 390.8 W432

95918 WRZESINSKI, R. Die sicherung von rechten an ehemaligen erbhöfen. Landwirtschaft 15/16:226. Aug.1952. 19 L235
Austria.

95919 YAMADA, T. On the relation between the family composition and farm size. (In Japanese.) Kyushu U. Facul. Agr. Sci. B. 13:415-422. Nov.1951. 107.6 K995B
English summary.

Land Utilization

95920 DENKS, K. Kulturland aus moor und heide. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.36-37. Kiel,1951. 33.27 Sch34

95921 HORNER, W. H. Programs for better land use. Saskatchewan U. Addresses & Proc. U. Saskatchewan Farm Week 1952:33-37. 101 Sa72

95922 ILLINGWORTH, J. Common land—or common-sense? Farmers Wk. [London] 37(10):60-61. Sept.5,1952. 10 F2226
Proposed National Park on the Yorkshire Moors may end moorland reclamation being carried out there.

95923 LAPPI, P. Peltotilusten luokituksesta maanjaoissa [Über die klassifizierung von ackerflächen bei der landteilung] Suomen Maataloustiet. Seura. Julkaisu. 76,102 p. 1952. 20 Su7
German summary.

95924 SCHUBAD, J. W. Is much horticultural land lost around the Hague? II. (In Dutch.) Groenten en Fruit 8:53. July 24,1952. 80 G89

95925 ZEMAN, J. The selection of periods for use in calculations of wheat yields as a basis for land classification in Saskatchewan. Econ. Annal. 22:87-89. Aug.1952. 281.8 Ec72

Land Values and Valuation

95926 MCGINNIS, R. J. Land: $30 an acre. Farm Q. 7(3):31-35,108-115. Autumn 1952. 6 F22995
Land prices and farming in the South.

95927 NIESCHULZ. Gedanken zur einheitsbewertung. I. Hannoversche Land- u. Forstwirt. Ztg. 105:771. Aug. 2,1952. 18 H194

95928 NIESCHULZ. Der verfahrensgang der einheitsbewertung. II. Hannoversche Land- u. Forstwirt. Ztg. 105:748. July 26,1952. 18 H194

95929 ROCHESTER, M. C. Opportunities for farming in South Carolina; factors to consider in selecting a farm. Clemson Agr. Col. S. C. Ext. C. 376,22 p. June 1952. 275.29 So8E

POPULATION

95930 FOLSE, C. L. Illinois rural and urban population. Ill. Farm Econ. 205:1378-1379. July 1952. 275.28 IL5

95931 GARCÍA MENÉNDEZ, B. La excesiva población en las ciudades. Ceres [Valladolid] 17(194):7. Aug. 1,1952. 15 C33
Discouragement of the rural exodus.

95932 GUHA, S. K. Population control in relation to food in India. Sci. Club. J. 5(4):21-31. Ref. Mar./May 1952. 474 Sci29

95933 LEPIDI, J. La Tunisie—et l'Afrique du Nord. 2. Le milieu humain. B. Econ. et Social de la Tunisie 66: 12-20. (Cont.) July 1952. 280.8 B874

95934 SWEDEN. STATISTISKA CENTRALBYRAN. Folkmängden inom administrativa områden den 31 december 1951 [Population by administrative districts December 31, 1951]. Stockholm,1952. 56 p. 257.3 Sw32
English table of contents and summary.

RURAL SOCIAL ORGANIZATION

95935 BRACEY, H. E. Social provision in rural Wiltshire. London,Methuen,1952. 204 p. 280.171 B72

95936 BUSCHE, L. M., and SMITH, H. E. A study of rural-urban fringe residents of Lafayette and West Lafayette, Tippecanoe County, Indiana. Purdue U. Agr. Ext., Ext. Studies C. 12,6 p. Sept.1951. 275.29 In2Ext

95937 GRIFFING, J. B. Health + agriculture + social welfare = better rural life. (In Portuguese.) Colheit. e Mercados 8(3/4):17-22. Mar./Apr.1952. 255.3 Sa652
Brazil.

Human Ecology

95938 DAVIS, D. All for one—one for all. Ext. Serv. Rev. 23:144. Aug.1952. 1 Ex892Ex
Community cooperation in a remote section of Marion County, Alabama.

95939 GIESE, F. Die bundeskompetenz zur regelung und gestaltung der raumordnung: ein rechtsgutachten. Bad Godesberg,Institut für Raumforschung,1952. 45 p. 282.175 G36

95940 HANEY, B. Together we can do anything. Prog. Farmer, Ga.-Ala.-Fla. Ed. 67(9):19,117. Sept.1952. 6 P945G
Community improvement in Jackson County, Georgia.

95941 KING, W. A., and FANNING, J. W. Community development in Georgia. Ga. Agr. Col. Ext. B. 565,rev., 20 p. June 1951. 275.29 G29B

95942 MCGOUGH, M. L. Western North Carolina communities on the march. Farmers Fed. News 32(12): 9,36-37,40. Aug.1952. 280.28 F225
Community programs.

95943 PORTER, W. F., JR. Elk Garden, West Virginia, a reconnaissance survey of a problem town. W. Va. Agr. Expt. Sta. B. 355T,61 p. Ref. June 1952. 100 W52
The human and natural resources and potentials of the area.

95944 ROEHRIG, H. W. Das Tennessee-Tal: ein beispeil amerikanischer grossraumplanung und grossraumordnung. Bielefeld,Eiler,1951. 247 p. Ref. 280.002 R62

95945 WILSON, R. Champion rural communities. Tenn. Agr. Col. Ext. P. 338,15 p. Apr.1952. 275.29 T25

Institutions

95946 AAGAARD, J. Importance of agricultural schools to young farmers. (In Danish.) Dansk. Landbr. 71:396-397. Aug.14,1952. 280.28 V91

95947 ALBERT, W. Die bisher bedeutendste landwirtschafts- und gartenbau-ausstellung Gesamtdeutschlands. Deut. Agrartech. 2:162-164. June 1952. 58.8 D482
Russian Zone.

95948 ALENCAR, C. G. DE. Domestic rural economy. (In Portuguese.) Colheit. e Mercados 8(5/6): 27-29. May/June 1952. 255.3 Sa652
Education of the woman in Brazil.

95949 ARKANSAS. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Arkansas farmers stand ready. Ark. Agr. Col. Ext. C. 470, 14 p. 1951? 275.29 Ar4
Extension work in Arkansas.

95950 AROUSED public opinion can cost you money; 1951 was a black year for Arizona farmers, but the lessons it taught will help all farmers do a better public relations job. Farm Mangt. 1(2):67-71. Jan./Feb.1952. 281.8 F2225

95951 ASMIS. Selbstverwaltung und selbstverantwortung in der landwirtschaft. Bad. Landwirt. Wchnbl. 119:545-546. Aug.9,1952. 18 B142
Chambers of agriculture.

95952 BADER, J. Braucht der bauer eine landwirtschaftskammer? Württemb. Wchnbl. f. Landwirt. 119: 735-736. Aug.16,1952. 18 W96

95953 BAIL, J. P. Charts as an aid to improved instruction. Agr. Educ. Mag. 25:59. Sept.1952. 275.8 Ag8

95954 CARDONNE, P. Quelques propos sur l'artisanat rural. Rev. Agr. de l'Afrique du Nord 50:433-435. July 4,1952. 80 R326

95955 CARMODY, J. J. Agricultural shows. Beet Grower 6:115,117. July 1952. 66.8 B392

95956 CASA-PACHECO, MARQUES DE. La labor divulgadora del Ministerio de Agricultura. Siembra [Madrid] 7(6):12-13. June 1952. 15 S11
Publications.

95957 CAVINA, R. Interest in rural weeks and farmers' weeks. (In Portuguese.) Lav. e Criacão 13(4):33. Apr.1952. 49 L392
Farmers' short courses in Brazil.

95958 CAVINA, R. The radio at the service of the farmer and the breeder. (In Portuguese.) Lav. e Criação 13(5):19. May 1952. 49 L392
Brazil.

95959 CHAPMAN, P. W. Rural industries that fit your community. Prog. Farmer, Tex. Ed. 67(9):62,64-65. Sept.1952. 6 T311
Southern States.

95960 CHATTERJI, U. N. Literacy training becomes part of rural development; Dr. Frank C. Laubach will lead extension drive on country-wide basis. Indian Farming (n.s.)2(4):28-29. July 1952. 22 In282

95961 CHATTERJI, U. N. Winning over the farmer. Indian Farming (n.s.)2(4):8-10. July 1952. 22 In282
Extension work in India.

95962 CHISHOLM, L. Our rural schools. Farmer's Mag. 49(9):35-36,47. Sept.1952. 7 C165
Canada.

95963 CLAUSSEN, M. Landfrauen von heute—landfrauen von morgen. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.23-25. Kiel,1951 33.27 Sch34

95964 COLORADO. AGRICULTURAL AND MECHANICAL COLLEGE. EXTENSION SERV. Working together. Colo. Agr. Col. Ext. B. 423-A,39 p. June 1952. 275.29 C71E
State and Federal agencies working together and the services they render.

95965 CRILE, L. Review of extension studies, July to December 1951. U. S. Ext. Serv., Ext. Serv. C. 480, 35 p. Mar.1952. 1.9 Ex892Esc

95966 DEACON, R. O. Ohio teachers organize to provide teaching aids. Agr. Educ. Mag. 25:63. Sept. 1952. 275.8 Ag8

95967 DREJER, A. A. The background of the general education and the cooperative movement in Denmark. II. (In Danish.) Andelsbladet 53:879-883. Aug.14,1952. 280.28 An2

95968 ENSMINGER, D. Village extension work. Indian Farming (n.s.)2(4):12-14. (Cont.) July 1952. 22 In282

95969 FRY, H.S. The bottleneck in agriculture. Saskatchewan U. Addresses & Proc. U. Saskatchewan Farm Week 1952:62-68. 101 Sa72
Extension work.

95970 GEORGIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 1950 annual report. Ga. Agr. Col. Ext. B. 567,19 p. Jan.1951. 275.29 G29B

95971 GEORGIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 1951 annual report. Ga. Agr. Col. Ext. B. 571,16 p. Jan.1952. 275.29 G29B

95972 GERMANY (FEDERAL REPUBLIC, 1949-) LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Landwirtschaft muss gelernt werden. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 23,4 p. 1951? 18 G312V

95973 GLOY. Ziele der selbstverwaltung: steigerung der erzeugung und qualität. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.14-16. Kiel,1951. 33.27 Sch34 33.27 Sch34
Chamber of agriculture.

95974 GONÇALVES, P. A. Schools in the rural zone (In Portuguese.) Lav. Arroz. 6(64):3-6. Apr.1952. 59.8 L39
Brazil.

95975 GÖZ, H. Für die landwirtschaftskammer. Württemb. Wchnbl. f. Landwirt. 119:693-694. Aug.2, 1952. 18 W96

95976 GREGOR, E. M. Year—around school? Oreg. Farmer 75:635. Aug.21,1952. 6 Or32

95977 HADLEY, D. E. Appeal to the sense of sight! Agr. Educ. Mag. 25:57,70. Sept.1952. 275.8 Ag8

95978 HALL, D. M. The job of the county agent. Tests of progress. Ext. Serv. Rev. 23:142. Aug.1952. 1 Ex892Ex

95979 HAMM, E. W. School relationships. Agr. Educ. Mag. 25:58,70. Sept.1952. 275.8 Ag8

95980 HART, J. A. Tarleton [State College] finishes building program, sets new 2-year terminal agriculture course. West Tex. Today 33(6):20,38. Aug.1952. 286.8 W522

95981 HAS AGRICULTURE lost the battle of public opinion? Farm Mangt. 1(3):19-22. Mar./Apr.1952. 281.8 F2225

95982 HASKARL, L. Um die mitarbeit der hausfrau. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.90-91. Kiel,1951. 33.27 Sch34

95983 HEMMING, C. J. Establishing and maintaining satisfactory school relationships. Agr. Educ. Mag. 25: 52-53,60. Sept.1952. 275.8 Ag8

95984 HERRMANN, F. Zur errichtung einer landwirtschaftlichen selbstverwaltung. Württemb. Wchnbl. f. Landwirt. 119:673. July 26,1952. 18 W96
Chambers of agriculture.

95985 HOLLON, C. Trying to teach in a one-room school. Prog. Farmer, Ky.-Tenn.-W. Va. Ed. 67(9):20, 121. Sept.1952. 6 P945K
In support of consolidated schools.

95986 HOUSER, P. M., GALLOWAY, R. E., and HOFFSOMMER, H. Rural reading habits; a study of county library planning, Prince Georges County, Md. Md. Agr. Expt. Sta. B. A69,31 p. n.d. 100 M36S

95987 HULSE, B. Your legislature and you. Farm Mangt. 1(5):37-38. July/Aug.1952. 281.8 F2225

95988 HUNERWADEL, O. K. Extension days in Burma. Ext. Serv. Rev. 23:145. Aug.1952. 1 Ex892Ex

95989 HÜTTEBRAUKER. Nochmals: kein bauer ohne landwirtschaftliche lehre. Landwirt. Z. der Nord-Rheinprov. 119:869-870. Aug.16,1952. 18 L2344

95990 INDIANA. PURDUE UNIVERSITY. AGRICULTURAL EXTENSION SERV. Thirty-eighth report of the director, 1950. Lafayette,1951? 32 p. 275.29 In2

95991 JONES, R. Teacher-pupil-parent planning in determining course content. Agr. Educ. Mag. 25:62. Sept.1952. 275.8 Ag8

95992 KASSNITZ. Wissen und können entscheiden. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.31. Kiel,1951. 33.27 Sch34
Vocational agriculture and advisory services.

95993 KOFOED, A. D. The advisory service work in Denmark. (In Danish.) (Excerpts.) Dansk Landbr. 71: 380-384. Aug.7,1952. 280.28 V91

95994 KREBS, A. Special "parent" meetings for every class. Agr. Educ. Mag. 25:64. Sept.1952. 275.8 Ag8

95995 LAYER. Für und wider eine landwirtschaftskammer. Württemb. Wchnbl. f. Landwirt. 119:674. July 26,1952. 18 W96

95996 LELLER, R. Sobre el ingreso de los ingenieros al servicio del Estado. Asoc. Nac. de Ingen. Agron. B. Ofic. 3(25):1-3. Apr.1952. 58.9 As5

95997 LINDSAY, C., and CROWLEY, R. I pledge my health. Mo. Agr. Col. Ext. 4-H C. 105,27 p. June 1952. 275.29 M69B

95998 MARCHETTANO, E. Venetian agricultural proverbs. (In Italian.) Agr. delle Venezie 6:358-361. Aug.1952. 16 Ag826

95999 MIRO ESPLUGAS, M. La excursión tradicional del Instituto. Inst. Agr. Catalán de San Isidro. Rev. 101: 134-136. June 1952. 15 Sa5

96000 MITROKHIN, M. Persistent propaganda and introduction of leading agricultural technique. (In Russian.) Sovet. Agron. 10(6):3-11. June 1952. 20 So84

96001 NIELSEN, A. Local advisory service. (In Danish.) Dansk Landbr. 71:392-394. Aug.14,1952. 280.28 V91

96002 OHIO. STATE UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Program, 40th annual Farm and Home Week, March 18-21, 1952. Columbus?1952. 24 p. 275.29 Oh3

96003 OLSEN, H. K. Konsulentvirksomhed i U. S. A. Rapport fra en studierejse i U. S. A. i 1950 [Advisory services in U. S. A. Report of a study trip to U. S. A. in 1950]. København,Udenrigsministerium,1951. 23 p. (Teknisk Bistand under Marshallplanen) 275.2 OL8

96004 PALMER, L. M. New course in extension methods appeals to college. Ext. Serv. Rev. 23:123. July 1952. 1 Ex892Ex

96005 PELCHAT, V. Les expositions agricoles. Digeste de l'Eleveur 6(11):35-36. July 1952. 49 D56

96006 POPENOE, W. The tree is known by the fruit. (In Portuguese.) Fazenda 47(8):34-35,39. Aug.1952. 6 H11P
The Escuela Agrícola Panamericana.

96007 PRIDIE, E. D. Some health aspects of agricultural development and welfare schemes in rural Africa. Roy. Sanit. Inst. J. 72:495-497. Sept.1952. 449.9 R812

96008 RIETBERG, W. The assistant on the path. (In Dutch.) Netherlands. Landbvoorlichtingsdienst. Maandbl. 9:249-252. July 1952. 12 N383M

96009 RUGLAND, E., and ADAMS, V. L. Government in practice. Ext. Serv. Rev. 23:120-121. July 1952. 1 Ex892Ex

96010 RUSCHEL, E. Agricultural information. (In Portuguese.) Lav. Arroz. 6(65):8-9. May 1952. 59.8 L39

96011 SCIENTIFIC FILM ASSOCIATION, LONDON. List of films on farming, gardening, forestry [and] beekeeping. London,1952. 33 p. (Its Publication 63) 332 Sci2

96012 SCOTT, M. J. Improving student behavior. Agr. Educ. Mag. 25:56,59. Sept.1952. 275.8 Ag8

96013 SEFTEN, H. Have you a plan for professional improvement? Ext. Serv. Rev. 23:143. Aug.1952. 1 Ex892Ex
Extension workers.

96014 SOUTH CAROLINA. CLEMSON AGRICULTURAL COLLEGE. EXTENSION SERV. Agricultural progress in South Carolina, 1951; balancing a changing agriculture. Clemson,1952? 45 p. 275.29 So8A

96015 SPEECE, M. A. The facts we face in television. Washington,U. S. D. A.,Off. Inform.,1952. 3 p. 1.914 A2Sp3
Talk at the Television Section of the annual meeting of the American Association of Agricultural College Editors held at Clemson, July 23, 1952.

96016 SPILSBURY, P. D. A school farm laboratory supplements class room teaching. Agr. Educ. Mag. 25: 66-67. Sept.1952. 275.8 Ag8

96017 TALEYARKHAN, H. J. H. Kosbad and its agricultural college. Indian Farming (n.s.)2(4):30. July 1952. 22 In282

96018 TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Annual report, 1951. College Station,1952. 24 p. 275.29 T312A

96019 THYSSEN. Sparsame und leistungsfähige verwaltung. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.13-14. Kiel,1951. 33.27 Sch34

96020 U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. A new Extension Service for the Philippines, by J. V. Hepler and J. Towers. Washington,Aug. 16,1952. 3 p. 1.914 R2R11

96021 U. S. EXTENSION SERV. The Cooperative Extension Service of the U. S. Department of Agriculture and the State land-grant colleges, by L. A. Schlup. Washington,1952. 12 p. 1 Ex892Co

96022 U. S. EXTENSION SERV. Health facts and figures, by E. J. Niederfrank. Washington,1952. 3 p. 1.913 A2H34

96023 U. S. OFF. OF EDUCATION. Summaries of studies in agricultural education; an annotated bibliography of studies in agricultural education with classified subject index; supplement No. 5. U. S. Off. Educ. Vocat. Div. B. 248,62 p. 1952. 173 V85B

96024 USEPJANOV, A. Curriculum and program of the Faculty of Agriculture and Forestry [in Skoplje]. (In Serbo-Croatian.) Socijalističko Zemjodelstvo 4(3/4):58-67. Mar./Apr.1952. 280.28 So7

96025 WARREN, H. M. The job of the county agent. Ext. Serv. Rev. 23:122. July 1952. 1 Ex892Ex

96026 WHAT does the public think of the farmer? Farm Mangt. 1(5):31-32. July/Aug.1952. 281.8 F2225

96027 WILLIAMS, J. Starting a new agricultural department. Agr. Educ. Mag. 25:54,67. Sept.1952. 275.8 Ag8

96028 WILLIAMS, R. C. Color slides are effective. Agr. Educ. Mag. 25:62-63. Sept.1952. 275.8 Ag8

96029 WOODIN, R. J. Making charts for teaching. Agr. Educ. Mag. 25:61,71. Sept.1952. 275.8 Ag8

Leadership

96030 MANSINGH, B. The role of rural leadership in the development of intensive cultivation. United Prov. Co-op. J. 27:405-408. Apr.1952. 280.28 Un3

96031 RITTER, E. Be a farm leader. Feedstuffs 24(36):70. Sept.6,1952. 286.81 F322

Rural Organizations and Movements

96032 ABRAHAMSEN, M. A. What makes a local tick? News Farmer Coop. 19(6):6,13. Sept.1952. 166.2 N47
Management.

96033 AIMS and advantages of the Young Farmers' Club movement. New Zeal. J. Agr. 85(1):43,45. July 15, 1952. 23 N48J

96034 ANGASTINIOTIS, E. The character building aspect of co-operation. Cyprus. Dept. Coop. Co-op. Cyprus 26:13-14. June 1952. 280.29 C99C

96035 ARESVIK, O. Observation on the concept cooperative. (In Norwegian.) Nord. Lantbrekon. Tidskr. 2(2):23-30. 1952. 281.8 N75

96036 ASGEIRSSON, B. Icelandic agricultural organizations. (In Norwegian.) Nord. Lantbrekon. Tidskr. 2(2):1-6. 1952. 281.8 N75

96037 BATH AND WEST AND SOUTHERN COUNTIES SOCIETY. Minutes of annual general meeting, annual report of the Society's general operations, list of vice-presidents, council, committees and officers, list of members, financial statements for 1951. Bath,1952. 107 p. 10 B32A

96038 BRIXNER, F. Bäuerin und ländliche genossenschaft. Tech. f. Bauern u. Gärt. Ausg. A 4:329-330. July 25,1952. 58.8 T223
Germany.

96039 BRIXNER, F. Bäuerin und ländliche genossenschaft. Württemb. Wchnbl. f. Landwirt. 119:679. July 26,1952. 18 W96

96040 CASA PACHECO, MARQUES DE. Las hermandades del campo y su cometido. Cult. Mod. 35:244-245. July 1952. 15 C89

96041 CLAUSEN, O. Vor allem: geistige grundlage! In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p. 11, 13. Kiel,1951. 33.27 Sch34
Youth organization.

96042 CONFEDERACIÓN DE ASOCIACIONES RURALES DE BUENOS AIRES Y LA PAMPA. Memoria y balance, 20° ejercicio, abril 1. de 1951 a 31 de marzo de 1952. Buenos Aires,1952. 46 p. 9 C762

96043 COOPERATIVA AGRÍCOLA "MINISTRO LE BRETON." Memoria y balance general. Rio Araza, 1951. 280.29 C7836B

96044 COX, B. 4-H organizations—county, district and State. Tex. Agr. Col. Ext. MS-900,8 p. n.d. 275.29 T313M

96045 DANKERS, W. H. Know your cooperative. Minn. U. Agr. Ext. B. 232,rev.,16 p. June 1952. 275.29 M66S

96046 DRIVER, P. N. Co-operation and the Five-Year Plan. Bombay Co-op. Q. 36:22-24. July 1952. 280.28 B63

96047 FRUIT GROWERS SUPPLY CO. Annual report of the general manager for the year ended December 31, 1951. Los Angeles? 1952. 30 p. 81 F94

96048 GUPTA, N. S. Sindri and the co-operatives in increasing food production. United Prov. Co-op. J. 27:399-404. Apr.1952. 280.28 Un3

96049 HAMILTON, J. Development of programs that lead to establishment in farming. Agr. Educ. Mag. 25: 65,71. Sept.1952. 275.8 Ag8
Future Farmers of America programs.

96050 HECKMAN, J. H., and WHEELER, A. E. Cooperatives in Denmark. Coop. Poultryman 17(9):24-27. Sept.1952. 47.8 C783

96051 HUNT, MRS. B. Better life with co-ops says better half. News Farmer Coop. 19(6):3,12-13. Sept.1952. 166.2 N47

96052 JENKINS, L. P. Operating policies and practices of cooperative purchasing associations in Mississippi. Miss. Agr. Expt. Sta. B. 491,38 p. June 1952. 100 M69

96053 JOHANNESSON, O. The cooperative movenent and the farmers on Iceland. (In Swedish.) Nord. Lantbrekon. Tidskr. 2(2):18-22. 1952. 281.8 N75

96054 KNAPP, J. G. Cooperatives have a future. News Farmer Coop. 19(6):4,13. Sept.1952. 166.2 N47

96055 LOON, P. J. VAN. Honderd jaren Maatschappij van Landbouw in Noord-Brabant [A hundred years of the Agricultural Society in North Brabant], 1851-1951. Amsterdam,1951. 140 p. 12 N73

96056 LÜTHJE, A. Billiger erzeugen—besser verwerten. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.16-17. Kiel,1951. 33.27 Sch34

Cooperative organizations.

96057 MCCLURE, J. G. K. The Farmers Federation's 32nd year. Farmers Fed. News 32(12):5,8,17,20-21,24-25,28-29,32. Aug.1952. 280.28 F225

96058 MADDISON, A. Yugoslav co-operatives. 2. Agricultural societies. Co-op. Rev. 26:206-208. Sept. 1952. 280.28 C7823

96059 MADRAS. OFF. OF THE REGISTRAR OF CO-OPERATIVE SOCIETIES. Report on the working of co-operative societies in the State of Madras for the co-operative year ended 30th June 1950. Madras,1951. 176 p. 280.29 In27

96060 MAYER, P. Two studies in applied anthropology in Kenya: 1. Agricultural co-operation by neighbourhood groups among the Gush; 2. Bridewealth limitation among the Gush. Gt. Brit. Colon. Off. Colon. Res. Studies 3,33 p. 1951. 330.9 G7973Co

96061 NATIONAL FARMERS' UNION. Berkshire farmers' year book, 1952, new series 3. Reading?1952. 120 p. 10 B45

96062 NATIONAL FARMERS' UNION OF SCOTLAND. Annual report for year ending 29th February 1952. Edinburgh,1952. 102 p. 280.83 N212

96063 O'MEARA, J. E., and INGERSOLL, H. K. Co-operatives in Newfoundland. II. Econ. Annal. 22:77-81. Aug.1952. 281.8 Ec72

96064 SANFILIPPO, L. The influence of agricultural cooperatives on the Swedish economy. (In Italian.) Agenzia Romana Note e Inform. Agr. 5(67):14-15. Aug.9,1952. 281.8 Ag3

96065 SARAIYA, R. G. Note on the place of co-operative organisations in the Five-Year Plan. Bombay Co-op. Q. 36:1-7. July 1952. 280.28 B63

96066 SCHOBEL, A. Kultur-fortschritt durch die genossenschaft. Landwirtschaft 15/16:217-218. Aug. 1952. 19 L235

Austria.

96067 STENQVIST, I. The farm cooperative movement in Western Germany. (In Swedish.) SL-kontakt 5/6:77-82. 1952. 11 Sv28S

96068 STICHTING VOOR DE LANDBOUW. Ontwerp van een algemene maatregel van bestuur tot installing van een bedrijfschap voor de landbouw [Plan for organization of an agricultural society]. 's-Gravenhage,1951. 76 p. 12 St50

96069 U. S. BUR. OF AGRICULTURAL ECONOMICS. Potential 4-H membership, by H. R. White. Washington, 1952. 3 p. 1.941 R4P84

96070 U. S. EXTENSION SERV. Criteria for appraising a 4-H awards program. Washington,1952. 4 p. 1.913 F3C86

96071 U. S. EXTENSION SERV. List of subjects on filmstrip for use of National 4-H Club camp delegates on their return from camp. Washington,1952. 2 p. 1.913 F3L692

96072 U. S. RURAL ELECTRIFICATION ADMIN. Cooperatives in the United States. Washington,1952. 1 p. 1.933 C786

96073 VÄSTMANLANDS LÄNS HUSHÅLLNINGSÄLLSKAP. Activities of Västmanland Province Agricultural Association during the year 1951. (In Swedish.) Västmanlands Läns Hushsällsk. Årsskr. 1952:62-149. 11 V44A

96074 WHITE, H. M. Blueprint for rural progress. Ext. Serv. Rev. 23:133,150. Aug.1952. 1 Ex892Ex

Purpose of the Rural Progress conferences sponsored by the Montana Extension Service.

96075 WIJNEN, A. VAN. Creation of an agricultural society. (In Dutch.) Econ.-Statis. Ber. 37:671-673. Sept.3,1952. 280.8 Ec722

96076 WILSON, M. L. Carrying out the 4-H pledge. Washington,U. S. Ext. Serv.,1952. 7 p. 1.913 A2W69

Address at the fifth Regional 4-H Club Camp, Tuskegee, June 29, 1952.

RURAL SOCIAL PSYCHOLOGY

96077 BECHARA, M. Leadership in discussion groups. (In Portuguese.) Colheit. e Mercados 8(5/6): 3-9. May/June 1952. 255.3 Sa652

96078 ELKINTON, C. M., NORELL, K. R., and HARRINGTON, A. H. Farm policy and Washington public opinion. Wash. Agr. Expt. Sta. C. 193,17 p. June 1952. 100 W27S

96079 HARDEE, J. G., and BAUDER, W. W. Town-country relations in special-interest organizations, four selected Kentucky counties. Ky. Agr. Expt. Sta. B. 586, 36 p. June 1952. 100 K41

96080 SAGER, A. A manual for officers and members of home economics extension units and study clubs. Oreg. State Col. Ext. B. 728,31 p. Aug.1952. 275.29 Or32B

Parliamentary procedure.

TRADE, FOREIGN AND INTERNATIONAL

96081 ANNUAIRE—du commerce Belge de gros, importation et exportation en fruits, légumes, primeurs et fleurs coupées. Bruxelles,Fédération Nationale des Importateurs, Exportateurs et Grossistes en Fruits, Légumes, Primeurs et Fleurs Coupées,1951. 80 p. 225 An7262

Directory.

96082 BANCA NAZIONALE DEL LAVORO. Esportazioni agrumarie [Citrus exports]. Roma,1952. 93 p. 286.393 B22E

96083 BREUER, G. Die möglichkeiten des deutschen weinexports. Deut. Weinbau 7:395-396. Aug.20,1952. 390.8 W432

96084 CLAUSEN, H. Export of breeding animals. (In Danish.) Dansk Landbr. 71:379-380. Aug.7,1952. 280.28 V91

Cattle.

96085 CVETKOVIĆ, M. The conditions for conquering the English bacon market. (In Serbo-Croatian.) Stočarstvo 6:285-287. June 1952. 43.8 St6

96086 DAVISON, H. Britain's cotton imports. Textile Mercury & Argus 127:277-278. Aug.15,1952. 304.8 T318

96087 DESOUTTER, J. Le cheval français n'est pas protégé. Agr. Prat. 116:392. Aug.1952. 14 J82

Trade.

96088 DIETZ, G. J. Ireland's new export meat trade. Foreign Agr. 16:144-146. July/Aug.1952. 1.9 Ec7For

96089 ELLIOT, D. J. Western Europe—a potential market for California fruit. Appleland News 16(6):6-12. June 1952. 80 Ap53

96090 GOLDSCHMIDT, E. Agrarunion und liberalisierung. Deut. Weinbau 7:397-398. Aug.20,1952. 390.8 W432

The European Green Pool.

96091 HEARTY, E. W. J. Poor prospects for apples in South America. Va. Fruit 40(7):24. July 1952. 81 V81B

96092 KNUDSEN, A. F. New regulations for cheese import in U.S.A. (In Danish.) Denmark. Landbrraadet. Meddel. 28:505-507. July 10,1952. 11 D415L

96093 KOCH, E. Der anreiz zur leistung. Obst u. Gemüse 4:734-735. Aug.7,1952. 286.83 Ob72

Trade in fruit and vegetables.

96094 KRAUSS, R. Früchte aus aller welt. Früchte u. Gemüse Markt 4:1111. Aug.22,1952. 286.83 F9425

Fruit and vegetable trade.

96095 LEWIS, C. D. Report on cigar leaf exports. Cigar Val. News 2(7):3. July 1952. 286.89 C482

96096 LILJENQUIST, L. B. Mexican cattle and meat ready for U. S. market. Cattleman 39(4):33-34,38. Sept. 1952. 49 C29

96097 LJUNGMAN, D. Western Germany's imports and exports of food and some details of her agricultural policy. (In Swedish.) Jordbrekon. Meddel. 14:253-258. July 1952. 257.3 J76

English summary, p. 252.

96098 MOMSEN. Ausfuhrgebiet für ferkel, mast- und zuchtschweine. In Schleswig-Holstein (State) Ministerium für Ernährung, Landwirtschaft und Forsten. Nahrung für den Bund, p.75-76. Kiel,1951. 33.27 Sch34

96099 MURTI, V. N., and SASTRI, V. K. Elasticities of demand for certain Indian imports and exports. Sankhyā 11:309-336. Ref. Dec.1951. 251.8 In2
Includes agricultural products.

96100 ORGANISATION FOR EUROPEAN ECONOMIC COOPERATION. Bulletins statistiques de l'OECE, commerce extérieur, série IV, Turquie, commerce extérieur par pays d'origine et destination (total, sections, groupes, produits), janvier-décembre 1951. Paris,1952. 47 p. 286.9 Or32Bt

96101 PALMER, M. B. Cotton textiles for Jamaica. Foreign Trade 12(295):11-15. Aug.23,1952. 286.8 C162
Canadian.

96102 RACHLIS, M. Canadian canned meat exports and imports. Econ. Annal. 22:83-86. Aug.1952. 281.8 Ec72

96103 REVILLON, T. L'exportation des tomates algériennes. Rev. Agr. de l'Afrique du Nord 50:448. July 11,1952. 80 R326

96104 SEDGWICK, R. J. P. Guatemala; economic and commercial conditions in Guatemala. London,Bd. of Trade,1952. 18 p. (Overseas Economic Surveys.) 254 G934
Includes trade statistics.

96105 STEIN, E. Samen und saaten im aussenhandel der Bundesrepublik 1951. Saatgut- Wirt. 4:137-138. June 1952. 61.8 Sa1

96106 SVÄRDSTRÖM, K. F. The FAO Committee on Commodity Problems. (In Swedish.) Jordbrekon. Meddel. 14:259-265. July 1952. 257.3 J76
English summary, p. 252.

96107 SWITZERLAND. EIDGENÖSSISCHE OBER-ZOLLDIREKTION. Jahresstatistik des aussenhandels der Schweiz, v. 3, 1951. Berne,1952. 143 p. 262 Z7S

96108 VAHL, E. VON. Was finden wir jetzt an chilenischen und australischen äpfeln auf dem markt? Obstbauversring. Mitt. 7:92. May 1952. 85 J76
Germany.

96109 ZANZIBAR. COMPTROLLER OF CUSTOMS. Annual trade report for the year 1950. Zanzibar,1952. 270 p. 270 Z12

FOOD AND HUMAN NUTRITION

Publications of the U. S. Department of Agriculture, State Agricultural Experiment Stations, and State Agricultural Extension Services on cookery and other subjects not ordinarily covered in the Bibliography of Agriculture will be included in this list.

GENERAL

96110 ABRAHAMS, M., and WIDDOWSON, E. M. Modern dietary treatment. Ed. 3. London,Baillière, Tindall & Cox,1951. 355 p. 389.2 Ab8

96111 ARIMOTO, I., and FUJIMAKI, Y. Eiyo kagaku shimpan [Dietetics]. New ed. Tokyo,Koseikan,1951. 296 p. 386.3 Ar4

96112 AUTRET, M. Cours de formation de nutritionnistes pour l'Afrique Noire au Sud du Sahara. Études d'Outre-Mer 35:211-212. May/June 1952. 286.8 M35

96113 BRIGHTMAN, I. J. Prevention of chronic illness; the role of the dietitian and nutritionist. Amer. Dietet. Assoc. J. 28:809-814. Sept.1952. 389.8 Am34

96114 BUTLER, R. E. Special feeding problems in an emergency. Pub. Health Rpt. 67:867-871. Sept.1952. 151.65 P96

96115 CALIMERI, M. An interesting story. (In Italian.) Arte Bianca 7(22):5. Aug.1,1952. 389.8 Ar7
Human nutrition in the United States.

96116 CALIMERI, M. Encounters with America; a little history. (In Italian.) Arte Bianca 7(21):7. (Cont.) Ref. July 21,1952. 389.8 Ar7
Nutrition.

96117 CASE, S. G., STANEK, M., and OSBORN, L. L. Outdoor cookery. Colo. Agr. Expt. Sta. B. 421-A,24 p. May 1952. 275.29 C71E

96118 CEREAL INSTITUTE. Teaching nutrition in public schools. Mod. Nutr. 5(4):12-15. Apr.1952. 389.9 Am352
Conducted by E. Roper.

96119 CHARLEY, V. L. S., and MUMFORD, P., and YUDKIN, J. Nutritional status in the Royal Forest of Dean. Med. Off. 88:83-88. Ref. Aug.23,1952. 448.8 M462

96120 COMITÉ TUNISIEN D'ÉTUDES ET DE RECHERCHES SUR L'ALIMENTATION. Enquetes alimentaires en Tunisie. B. Econ. et Social de la Tunisie 66:37-90. July 1952. 280.8 B874

96121 DRUMMOND, SIR J. Nutritional problems and civil defense. Pub. Health Rpt. 67:857-859. Sept.1952. 151.65 P96

96122 EGE, R. Kostundersøgelser og kostberegninger på grundlag af individuelle kostnormer [Nutrition investigations and nutrition calculations based on individual food standards]. Denmark. Stat. Hushråds. Faglige Meddel. 6:21-26. 1952. 321.9 D41F

96123 GERMANY (FEDERAL REPUBLIC, 1949) LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Billig essen und doch gut. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 25,4 p. 1951. 18 G312V

96124 GERMANY (FEDERAL REPUBLIC, 1949-). LAND- UND HAUSWIRTSCHAFTLICHER AUSWERTUNGS- UND INFORMATIONSDIENST. Richtig essen—richtig kochen erst recht im winter. Germany. Land- u. Hauswirt. Auswertungs- u. Informdienst. [Veröffentl.] 32,4 p. 1951? 18 G312V

96125 GLASER, J., and JOHNSTONE, D. E. Soy bean milk as a substitute for mammalian milk in early infancy. Ann. Allergy 10:433-439. Ref. July/Aug.1952. 448.8 An72

96126 HATTINGH, E. G. Food for elderly people. Woman & Her Home 4:128. June 1952. 321.8 W843

96127 HEGSTED, D. M. False estimates of adult requirements. Nutr. Rev. 10:257-259. Sept.1952. 389.8 N953
Nutritional requirements.

96128 HESELTINE, M. M. Feeding of mothers and children under emergency conditions. Pub. Health Rpt. 67:872-875. Sept.1952. 151.65 P96

96129 HUNDLEY, J. M. Necessary foods for emergency feeding. Pub. Health Rpt. 67:864-866. Sept. 1952. 151.65 P96

96130 INAGAKI, N. Eiyo kagaku [Dietetics]. Tokyo, Daiichi Shuppan Kabushiri Gaisha,1952. 149 p. 386.3 In1

96131 JOINT FAO/WHO EXPERT COMMITTEE ON NUTRITION. Report on the second session. Rome,1951. 64 p. (World Health Organization: Technical Report Series 44) 389.9 J66

96132 LAIDLAW, E. H., and others. Children need milk. Prog. Agr. Ariz. 4(2):4,12. July/Sept.1952. 6 P9452
R. Newman, D. MacMillan, and E. M. Thompson, joint authors.

96133 LAMBERTS, J. H. Anthropometric measurements to determine nutritive condition. (In Dutch.) Voeding 13:221-226. Ref. June 15,1952. 389.8 V85
Of school children in Rotterdam.

96134 LAURENT, C. K. Let's try barbecued broilers. Md. Agr. Col. Ext. Fact Sheet 56,2 p. n.d. 275.29 M36Fa

96135 LEICHSENRING, J. M. Short method of dietary analysis as based on the new data on food composition. Amer. Dietet. Assoc. J. 28:806-808. Ref. Sept.1952. 389.8 Am34

96136 MAHARG, L. G., and MANGEL, M. Using nonfat dry milk solids in home prepared foods. I. Quick breads and cookies. Mo. Agr. Expt. Sta. B. 571,16 p. Mar.1952. 100 M693
Includes recipes.

96137 MURPHY, P. B., TRAINER, L. R., and HUNDLEY, J. M. Food supply and emergency feeding in civil defense. Pub. Health Rpt. 67:860-863. Sept. 1952. 151.65 P96

96138 OHLSON, M. A., and others. Intakes and retentions of nitrogen, calcium and phosphorus by 136 women between 30 and 85 years of age. Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:775-783. Ref. Sept.1952. 442.9 F31P
W. D. Brewer, L. Jackson, P. P. Swanson, P. H. Roberts, M. Mangel, R. M. Leverton, M. Chaloupka, M. R. Gram, M. S. Reynolds, and R. Lutz, joint authors.

96139 PASSMORE, R., and others. A balance sheet of the estimation of energy intake and energy expenditure as measured by indirect calorimetry, using the Kofranyi-Michaelis calorimeter. Brit. J. Nutr. 6:253-264. 1952. 389.8 B773
J. G. Thomson, G. M. Warnock, C. M. Dixon, A. H. Kitchin, G. Smith, M. C. Vaughan, and J. A. Watt, joint authors.

96140 POLLOCK, R. C. Nutrition research sponsored by the National Live Stock and Meat Board. Conf. Res. Proc. 4:8-11. 1952. 50.9 C762

96141 U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. New diet for nutrition experiments devised. Washington,1952. 1 p. 1.982 A2N422

96142 U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. School lunch recipes using honey. Washington,1951? 5 p. 1.982 A2Sch65

96143 U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. School lunch recipes using tomato paste. Washington,1951? 4 p. 1.982 A2Sch66

96144 U. S. PRODUCTION AND MARKETING ADMIN. School lunch recipes for sandwich fillings using peanut butter, dried fruits, and raw vegetables. Washington, 1952? 5 p. 1.956 F732Sch62

96145 WIJN, J. F. DE. A nutritional survey of the Toradja population (Central Celebes) compared with other agrarian populations in Asia. Doc. de Med. Geog. et Trop. 4:149-170. Ref. June 1952. 448.8 D65

96146 ZEMAN, F. D. Fundamental considerations, old and new, in nutrition of the elderly. Fed. Amer. Soc. Expt. Biol. Fed. Proc. 11:794-797. Ref. Sept.1952. 442.9 F31P

FOOD HABITS

96147 CUSSLER, M., and DE GIVE, M. L. 'Twixt the cup and the lip; psychological and socio-cultural factors affecting food habits. New York,Twayne,1952. 262 p. 389 C96

96148 MOORE, H. B. Psychologic facts and dietary fancies. Amer. Dietet. Assoc. J. 28:789-794. Ref. Sept. 1952. 389.8 Am34

NUTRITIVE AND VITAMIN CONTENT

96149 BERTAGNONI, A. Value of rice in the diet. (In Italian.) Riso 1(6):27-28. July 1952. 59.8 R49

96150 DOESBURG, J. J. Oxalic acid and the intake of calcium by men and animals. An investigation of the chemical quality of some spinach strains. (In Dutch.) Voeding 13:227-240. Ref. June 15,1952. 389.8 V85
English summary.

96151 FINCKE, A. Über den vitamin-B1-gehalt von halbfertig- und fertigerzeugnissen aus süssen und bitteren mandeln, sowie aprikosen-, haselnuss- und erdnusskernen. Zucker- u. Süsswaren-Wirt. 5:553-555. (Cont.) July 20,1952. 286.86 Z8

96152 GRIFFITH, G. W. Milk and the consumer. Soc. Dairy Technol. J. 5:223-227. July 1952. 44.8 So12
Nutritive value and bacteriological quality.
Includes discussion.

96153 GUNDERSON, F. L. 100 years and more of food fortification. What's New Home Econ. 16(11):72-73, 209. (Cont.) Sept.1952. 321.8 W55

96154 KNOCHEL, E. Der zucker im urteil von ernährungsphysiologen und aerzten. Z. f. die Zuckerindus. 1:113-116. Ref. Dec.20,1951. 65.8 D48

96155 KREHL, W. A. Vitamin A. II. Interrelationships between pro-vitamins A and vitamin A. Borden's Rev. Nutr. Res. 13:61-69. Ref. June 1952. 389.8 B64

96156 LEBLANC, E., and ROUISSE, E. Les produits avicoles et le consommateur. Agriculture [Montreal] 9: 167-172,158. Spring 1952. 7 Ag82
Nutritive value and consumption of eggs and poultry.

96157 MACHADO, J. A. Valor alimenticio de las menudencias procedentes de animales de abasto. Cuba Ganad. 12(12):27-30. Aug.1952. 49 C89

96158 MOREAUX, R. Le miel dans l'alimentation et en thérapeutique. Abeille et l'Érable (ser.2)21:109-110. (Concl.) Aug./Sept.1952. 424.8 Ab32

96159 QUIOGUE, E. S. The rice enrichment project in Bataan, Philippines. Amer. J. Pub. Health 42:1086-1094. Ref. Sept.1952. 449.9 Am3J

96160 VALDMANIS, A., and TAUCINS, E. Vitamin content in colostrum and milk of domestic animals. (In Latvian.) Latv. PSR Zinātņu Akad. Vēst. 4:579-596. 1951. 511 R442

96161 WAGNER, K. H. Die vitaminisierung der sterilmilch. Milchwissenschaft 7:250-253. Aug.1952. 44.8 M5933
English summary.

96162 WILSON, A. M. What is a wholesome food? Today's Health 30(9):50-52. Sept.1952. 449.8 H993

MISCELLANEOUS

Publications of the U. S. Department of Agriculture, State Agricultural Experiment Stations, and State Agricultural Extension Services on home management, personnel, and other subjects not ordinarily covered in the Bibliography of Agriculture will be included in this list.

GENERAL

96163 ÄLVSBORGS LÄNS NORRA HUSHÅLLNINGSSÄLLSKAP. Report of the Alvsborg Province Northern Agricultural Society for the year 1951. (In Swedish.) Älvsborgs Läns Norra Hushsällsk. Tidskr. 58:131-172. 1951. 11 AL82

96164 AUSTRALIA. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION. Third annual report for the year ending 30th June, 1951. Canberra,1951. 167 p. 514 Au723

96165 BAKER, W. K. Species and speciation from the standpoint of the geneticist. Tenn. Acad. Sci. J. 27: 235-240. July 1952. 500 T25A

96166 CHAMBER OF AGRICULTURE OF VICTORIA. Year book, 1952. Melbourne,1952. 160 p. 23 V663

96167 CYPRUS. DEPT. OF AGRICULTURE. Annual report for the year 1951. Nicosia,1952. 16 p. 21 C99

96168 DANSK HEDESELSKAB. Annual report of the Danish Heath Society, 1951-52. (In Danish.) Dansk Hedeselsk. Hedeselsk. Tidsskr. 73:115-150. (Cont.) July 15,1952. 11 H35

96169 DESAYMARD, P. Les procédés modernes de dératisation. Meun.Franc. 71:21-25. July/Aug.1952. 298.8 M57

96170 FARM chemicals handbook, 1951-52. Ed.40. Philadelphia,Ware,1952? 229 p. 57.2 Am3

96171 GOODRICH, B. F., CO. Farmer's handbook and almanac, 1952 edition. Akron,1952. 67 p. 30.3 G62

96172 GOTLANDS LÄNS HUSHÅLLNINGSSÄLLSKAP. Annual report of the Agricultural Society of Gotland Province, 1951. (In Swedish.) Gotlands Läns Hushällsk. Handl. 1951:1-143. 1952. 11 G71

96173 GRAND, E. F. 1952 rodent control report. Mont. Wool Grower 26(9):41-42. Sept.1952. 45.8 M762

96174 HONG KONG. DEPT. OF AGRICULTURE, FISHERIES & FORESTRY. Annual reports 1950-51. Hong Kong,1951. 72 p. 22.5 H752

96175 JAMAICA. DEPT. OF AGRICULTURE. Annual report for the year ended 31st March, 1951. Kingston, 1951. 25 p. 8 J227A

96176 KANSAS. STATE BOARD OF AGRICULTURE. Thirty-seventh biennial report. Topeka,1952. 552 p. 2 K13R

96177 KOPPARBERGS LÄNS HUSHÅLLNINGSSÄLLSKAP. Berättelse över Kopparbergs Läns Hushållningssällskaps verksamhet under år 1951 [Report of the activities of the Agricultural Association of Kopparberg Province during the year 1951]. Kopparbergs Läns Hushsällsk. Handl. 100:55-100. 1952. 11 K83

96178 MALMÖHUS LÄNS HUSHÅLLNINGSSÄLLSKAP. Annual report of Malmöhus Province Agricultural Society for the year 1951. (In Swedish.) Malmöhus Läns Hushallsk. Kvrtlskr. 1:35-61. 1952. 11 M29

96179 MINOR, W. A. Increased farm production to fill "fifth plate" depends on use of chemicals. Agr. Chem. 7(9):57,59,121-125. Sept.1952. 381 Ag8

96180 OLIVERA, F. A. El químico industrial en la agricultura. Asoc. Rur. del Uruguay. Rev. 79:14-15. Jan.1952. 9.9 As5

96181 OREGON. STATE COLLEGE. FEDERAL COOPERATIVE EXTENSION SERV. Available circulars of the Oregon Agricultural Experiment Station and Extension Service. Oreg. State Col. Ext. C. 539,rev.,7 p. Aug. 1952. 275.29 Or32C

96182 SCHENK, P. J. Control of rats and mice. (In Dutch.) Groenten en Fruit 8:126. Aug.21,1952. 80 G89

96183 SHOMON, J. J. Wildlife is a by-product of good farming. Va. Wildlife 13(9):18-19. Sept.1952. 410 V81

96184 SODERMANLANDS LÄNS HUSHALLNINGSSÄLLSKAP. Handlingar [Proceedings of the Agricultural Society of Södermanland Province], 1950. Nyköping,1951. 76,50 p. 11 So1H
Includes report on the control associations of the Agricultural Society of Södermanland Province, October 1, 1949—September 30,1950.

96185 SUDAN. MINISTRY OF AGRICULTURE. Annual report 1948/1949. n.p.,1951. 194 p. 24 Su232

96186 SWEDEN. LANTBRUKSSTYRELSEN. Kalender över svenska lantbruket jämte fisket [Calendar on Swedish agriculture and fisheries] 44, 1952. Stockholm,1952. 222 p. 11 Sw3K

96187 TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Style book for Extension editorial office. Tex. Agr. Col. Ext. MS-888,25 p. n.d. 275.29 T313M

96188 TRAVANCORE-COCHIN. AGRICULTURE DEPT. Administration report for the period between 17th August 1949 to 31st March 1950. Ernakulam,1951. 51 p. 22 T69

96189 WELLMAN, R. H. Economics of developing agricultural chemicals. Agr. Chem. 7(9):32-34,137,139. Sept.1952. 381 Ag8

96190 WEST BANGAL. DIRECTORATE OF AGRICULTURE. Annual report for the year 1948-49, Pt I. Alipore,1951. 12 p. 22 B435

HISTORY AND BIOGRAPHY

96191 ACADEMICIAN N. A. Maksimov (1880-1952). (In Russian.) Akad. Nauk SSSR. Izv. Ser. Biol. 3:115-116. May/June 1952. 511 Sa2B

96192 ALAIN, HERMANO. El Hermano Clemente (1878-1951). Soc. Cubana de Bot. Rev. 9:3-8. Jan./Mar. 1952. 451 So123

96193 ALM, P. The dairy industry in western Oppland. (In Norwegian.) Meieriposten 41:565-570. Aug.2, 1952. 44.8 M47
History.

96194 ALVAREZ LOPEZ, E. Don Arturo Caballero Segares (Noticia biográfica y literaria.) Madrid. Jard. Bot. An. 10:5-24. 1951. 451 M262
Includes list of his publications.

96195 ANDREEV, V. N. In memoriam Professor V. N. Khitrovo [1879-1949]. (In Russian.) Bot. Zhur. 37: 279-286. Mar./Apr.1952. 451 R923
Includes list of his publications.

96196 BAILEY, D. L. Herbert Spencer Jackson, 1883-1951. Phytopathology 42:406. Aug.1952. 464.8 P56

96197 BAKER, A. W. Lawson Caesar 1870-1952. Canad. Ent. 84:264. Aug.1952. 421 C16

96198 BIZOT, M. Irénée Thériot (1859-1947). Bryologist 55:85-87. June 1952. 450 B84

96199 BLAKE, A. D. S. Memories of Henri Correvon. Calif. Hort. Soc. J. 13:89-93. July 1952. 81 C1293

96200 BLUNCK, H. Otto Appel 85 jahre. Z. f. Pflanzenkrank. (Pflanzenpath.) u. Pflanzenschutz 59: 177-178. 1952. 464.8 Z3

96201 BOUGHTON, G. Dr. David Lyall, botanist of the International Boundary Survey. Arboretum B. 15(2): 7-8,33. Summer 1952. 451 Ar1

96202 BOVEY, P. Un grand entomologiste forestier Karl Escherich (1871-1951). Schweiz. Z. f. Forstw. 103: 239-241. June/July 1952. 99.8 J82

96203 CHEVALIER, A. Dr. P. J. Samuel Cramer (1879-1952). Acad. des Sci Colon. Compt. Rend. 12:198-201. Apr.4,1952. 505 Ac1Co

96204 CROMELIN, L. David Douglas, 1789-1834). (In Dutch.) Houthandel 5:139-140. July 10,1952. 99.81 H81

96205 DIVAC, N. S. In memory of Jovan Živanović—the pioneer of progressive apiculture in Serbia. (In Serbo-Croatian.) Pčelar 49:162-163. Nov./Dec.1951. 424.8 P296

96206 EYNDHOVEN, G. L. VAN. In memoriam Dr. Donald Mac Gillavry 21. V. 1869—13.I. 1951. (In Dutch.) Tijdschr. v. Ent. 95:1-7. 1952. 421 T21

96207 GARA, L., ed. A New Englander's view of plantation life: letters of Edwin Hall to Cyrus Woodman, 1837. J. South. Hist. 18:343-354. Aug.1952. 134.8 J82

96208 GRAPENGIESSER, S. Magnus Engstedt 3/10 1866-6/10 1951. (In Swedish.) Svensk Bot. Tidskr. 46: 269-271. 1952. 450 Sv2

96209 HÅKANSSON, A. In memoriam. Johan Mauritzon. 1/8 1902—16/11 1950. (In Swedish.) Bot. Not. 2: 230-234. Ref. 1952. 450 B656
Includes list of his publications.

96210 HEIMANS, J. Dr. Ir A. W. Kloos Jr. (In Dutch.) Levende Nat. 55:138-139. July 1952. 410 L57

96211 HOGNA, O. Development of agriculture during 40 years. (In Norwegian.) Skog- og Landarb. 7/8:92-95. July/Aug.1952. 283.8 Sk5

96212 HUNKELER, M. Prof. Dr. Rob. Burri, Bern. Schweiz. Bienen-Ztg. 75:299-301. July 1952. 424.8 Sch9

96213 KOZLOWSKI, T. T. Oran Cecil Boyd, 1894-1952. Phytopathology 42:405. Aug.1952. 464.8 P56

96214 LEMPKE, B. J. In memoriam Cornelis Doets 10 September 1893—15 Juni 1952. (In Dutch.) Ent. Ber. 14:113-115. Aug.1,1952. 420 N38B
Includes list of his publications.

96215 LEMPKE, B. J. In memoriam Johannes Bastiaan Corporaal. (In Dutch.) Ent. Ber. 14:97-98. July 1,1952. 420 N38B

96216 OBITUARIES: Capt. Edward Rivenhall Goffe, Claude Morley, J. P. Kryger. Soc. Brit. Ent. J. 4:71-73. May 16,1952. 420 En85J

96217 PEIVE, IA., and others. IAn IAkovlevich Vityn'sh. (In Russian.) Pochvovedenie 7:671-672. July 1952. 57.8 P34
K. Krumin'sh, K. Bamberg, S. Murav'ev, and K. Brivkal'ns, joint authors.

96218 PETTERSSON, B. E. Th. Fries 9/7 1875—11/10 1951. (In Swedish.) Svensk Bot. Tidskr. 46:272-275. 1952. 450 Sv2
Includes list of his publications.

96219 ROEPKE, W. In memory of Dr. L. J. Toxopeus. (In Dutch.) Tijdschr. v. Ent. 95:9-22. 1952. 421 T21
Includes a list of his publications;and Toxopeana (Remarks on some Indonesian butterflies and moths), by W. Roepke.

96220 TIVOLI. Les grandes étapes de l'agriculture. Cerca 26:101-103,208-210. (Concl.) Feb,Apr.1952. 105.3 An4C
History.

96221 WEKRE, E. Pioneers in Norwegian dairy industry. I-II. (In Norwegian.) Meieriposten 41:542-547, 561-564. July 26-Aug.2,1952. 44.8 M47

HOME MANAGEMENT

96222 LUSK, M. An outfit for the small fry; 4-H Clothing Plan XII, Junior Miss Series. Wash. State Col. Ext. B. 457,8 p. July 1952. 275.29 W27P

96223 NOYES, H. Doing the dishes. Wash. State Col. Ext. B. 465,11 p. June 1952. 275.29 W27P

96224 U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. Free popular printed publications. Washington,1952. 2 p. 1.9 H755P

96225 VEITCH, F. P., and others. Leather shoes; selection and care. U. S. D. A. Farmers' B. 1523,rev., 16 p. Aug.1952. 1 Ag84F
R. W. Frey, H. P. Holman, J. S. Rogers, and I. D. Clarke, joint authors.

96226 TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Home management. Tex. Agr. Col. Ext. MS-906,2 p. 1952. 275.29 T313M

INTERNATIONAL RELATIONS

96227 STREET, T. E. FAO Council session. Foreign Agr. 16:140-141. July/Aug.1952. 1.9 Ec7For
Held in Rome, June 9-14, 1952.

METEOROLOGY

96228 COLONNA, B. Experiments and recent methods in hail control: bombard storms to save crops. (In Italian.) Agricoltura 1(7):21-24. July 1952. 16 Ag8226

96229 CONSORZIO VOLONTARIO SPERIMENTAZIONE LOTTA ANTIGRANDINE DI CENATE. Relazione sullo svolgimento della lotta contro la grandine nel suo secondo-anno di esperimento in provincia di Bergamo [Report on the development of hail control in its second year of research in the province of Bergamo]. Bergamo,1952. 40 p. 345 C76

96230 DOGGETT, D. "Cloud seeding" to produce precipitation. Outdoor Ind. 19(8):6-7. Aug.1952. 279.8 Ou82

96231 JELMONI, E. A new system of hail control. (In Italian.) Colt. e Gior. Vinic. Ital. (n.s.)98:285-286. July 1952. 16 C72

96232 PASTEUR, F. Les forces de la nature au service de l'agriculture: le soleil. Agr. Prat. 116:387-391. Aug.1952. 14 J82

96233 RATKOVIĆ, B. Agrometeorology in the service of agriculture here and in the world. (In Serbo-Croatian.) Biljna Proizvodnja 5:106-114. May/June 1952. 64.8 B49

96234 TROCH, P. Une intéressante documentation sur la provocation artificielle de pluie au Katanga. Cour. Agr. 17(11):1-4. May 28,1952. 24 C83

96235 YOSHIOKA, K., and KAMEI, K. Kanbatsu no kokufuku (Conquest of drought). Kyoto,Sanichi Shobo,1952. 247 p. 290 Y83

RESEARCH

96236 AGRICULTURAL research: USDA's stepchild? Farm Mangt. 1(4):39-43. May/June 1952. 281.8 F2225

96237 ALGERIA. CONSEIL DE L'EXPERIMENTATION ET DES RECHERCHES AGRONOMIQUES. Rapport, 1950-1951. Alger,1951. 212 p. 24 AL33

96238 CANADA. EXPERIMENTAL FARMS SERV. DOMINION EXPERIMENTAL SUBSTATION, SMITHERS, BRITISH COLUMBIA. Progress report 1938-1950. Ottawa,1952. 44 p. 101 Ex6R

96239 CARDON, P. V. Community participation in research: a way toward permanence in agriculture. Tex. Res. Found. Hoblitzelle Agr. Lab. Spec. Ser. 2,10 p. July 1952. 330.9 T312

96240 CUDARS, M. Scientific-experimental work of the Peterlauk's Experimental Station. (In Latvian.) Latv. PSR Zinatņu Akad. Vēst. 1:71-79. 1951. 511 R442

96241 GEORGIA. STATE COLLEGE OF AGRICULTURE. Annual report, experiment stations, 1950-51. Experiment,1951? 76 p. 276 G29Ar

Sixty-third report of the Agricultural Experiment Station; thirty-first report of the Coastal Plain Experiment Station; and the fourteenth report of the College Experiment Station.

96242 LANDWIRTSCHAFTLICHE FORSCHUNG. Forschung für die praxis und mit der praxis; beiträge der agrikulturchemie zur produktions- und qualitätsörderung. Vorträge gehalten auf der jahresversammlung des Verbandes Deutscher Landwirtschaftlicher Untersuchungs- und Forschungsanstalten. Darmstadt,Justus von Liebig Verlag,1951. 72 p. (Landwirtschaftliche Forschung. Sonderheft) 395 L23

96243 MASSACHUSETTS. AGRICULTURAL EXPERIMENT STATION. Annual report for the fiscal year ending June 30, 1951. Mass. Agr. Expt. Sta. B. 466,62 p. Sept.1951. 100 M38H

96244 MENEZES, O. B. DE. Lack of research and the Campinas Institute. (In Portuguese.) Seleç. Agr. 7(73):13-16. May 1952. 9.2 Se4

Sao Paulo Instituto Agronomico.

96245 PRASAD, R. Problem of agricultural research. Indian Farming 12:1-3. Jan./Feb.1951. 22 In283

96246 ROTHAMSTED EXPERIMENTAL STATION. Report for 1951. St.Albans,1952. 211 p. 103 R74Ga

96247 TOKYO. NATIONAL RESEARCH INSTITUTE OF AGRICULTURE. Summary report of researches, 1946-1948. Tokyo,1951. 162 p. 34.3 T573

96248 ZASLAVSKIĬ, M. N., and ROMANENKO, N. N. Moldavian Filial [of the Academy of Sciences of U.S.S.R.]- for agriculture. (In Russian.) Akad. Nauk SSSR. Vest. 22(5):56-62. May 1952. 511 Ak14V

Research.

STATISTICS

96249 FINKNER, A. L. Adjustment for non-response bias in a rural mailed survey. Agr. Econ. Res. 4:77-82. July 1952. 1 Ec7Agr

96250 FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. ECONOMICS DIV. Systems of agricultural statistics. India. Dir. Econ. & Statis. Agr. Situation India 7:23-31. Apr.1952. 281.9 In23

96251 INDIAN STATISTICAL INSTITUTE. Nineteenth annual report: 1950-51. Sankhyā 11:383-402. Dec.1951. 251.8 In2

Includes statistical work in agriculture.

96252 NAZARIO, L. A., and GOODMAN, R. Utilización del método de encuestas en la recopilación de estadísticas agrícolas. Turrialba 2:51-57. Apr./June 1952. 8 T86

English summary.

CHECKLISTS

Checklists of publications of the U. S. D. A., State Agricultural Experiment Stations, and State Agricultural Extension Services are prepared for the convenience of those who wish to follow the literature from these sources. All such publications are included also in the classified section and indexed in the author and subject indexes.

U. S. D. A. PUBLICATIONS

Includes publications of the United States Department of Agriculture received in the Library during the preceding month, except restricted publications and materials issued for internal administrative use rather than for public distribution

Periodicals issued by the Department are listed in the November issue only; articles in them are indexed currently

Domestic requests for publications in the various Department series will be filled free upon application to the Office of Information, United States Department of Agriculture, Washington 25, D. C., as long as the supply lasts. They may also be purchased from the Superintendent of Documents, Washington 25, D. C.

Bureau publications may ordinarily be obtained free of charge from the issuing bureau as long as the supply lasts.

Foreign institutions, organizations and agencies which issue publications may obtain United States Department of Agriculture publications in exchange by writing to the United States Department of Agriculture Library, Washington 25, D C.

Agricultural Information Bulletins

FOWLER, H. C. Changes in dairy farming in the Northeast, 1930-51. U. S. D. A. Agr. Inform. B. 86, 55 p. June 1952. 1 Ag84Ab

Farmers' Bulletins

VEITCH, F. P., and others. Leather shoes; selection and care. U. S. D. A. Farmers' B. 1523,rev., 16 p. Aug.1952. 1 Ag84F

R. W. Frey, H. P. Holman, J. S. Rogers, and I. D. Clarke, joint authors.

STEIN, C. D., and others. Diseases of swine. U. S. D. A. Farmers' B. 1914,rev.,30 p. July 1952. 1 Ag84F

C. A. Manthei, R. D. Shuman, and J. P. Torrey, joint authors.

Supersedes Farmers' Bulletin 1244.

BOSWELL, V. R. Commercial growing of sweet corn. U. S. D. A. Farmers' B. 2042,29 p. July 1952. 1 Ag84F

Supersedes Farmers' Bulletin 1634.

ARNOLD, E. L. Using electricity in watering farm gardens. U. S. D. A. Farmers' B. 2044,22 p. 1952. 1 Ag84F

Leaflets

U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. The home fruit garden in the Pacific Coast States and Arizona. U. S. D. A. L. 224,rev.,8 p. Aug.1952. 1 Ag84L

Marketing Research Reports

DAVENPORT, J. H., and HOECKER, R. W. How some wholesale grocers build better retailers. U. S. D. A. Mktg. Res. Rpt. 12,53 p. May 1952. 1 Ag84Mr

KRIESBERG, M. Methods of handling and delivering orders used by some leading wholesale grocers. U. S. D. A. Mktg. Res. Rpt. 13,50 p. May 1952. 1 Ag84Mr

HARRIS, E. S. Early development of milk marketing plans in the Kansas City, Missouri, area. U. S. D. A. Mktg. Res. Rpt. 14,100 p. May 1952. 1 Ag84Mr

BANNA, A., ARMORE, S. J., and FOOTE, R. J. Peanuts and their uses for food. U. S. D. A. Mktg. Res. Rpt. 16,99 p. Ref. 1952. 1 Ag84Mr

BURDETTE, R. F., BRIGHT, I., and BAKER, C. K. Farmers' produce markets in the United States. III. Shipping point fruit and vegetable markets. U. S. D. A. Mktg. Res. Rpt. 17,72 p. May 1952. 1 Ag84Mr

MIXON, J. A., and LARSON, J. S. Planning a wholesale frozen food distribution plant. U. S. D. A. Mktg. Res. Rpt. 18,62 p. Ref. June 1952. 1 Ag84Mr

RICHEY, P. S., and JOHNSON, T. D. Factors to be considered in locating, planning, and operating country elevators. U. S. D. A. Mktg. Res. Rpt. 23,94 p. Ref. June 1952. 1 Ag84Mr

Program Aid

U. S. SOIL CONSERVATION SERV. An outline for teaching conservation in high schools. U. S. D. A. PA-201,21 p. 1952. 1 Ag84Pro

U. S. PRODUCTION AND MARKETING ADMIN. How's your storage? U. S. D. A. PA-210,2 p. Aug.1952. 1 Ag84Pro

Technical Bulletins

MORRISON, H. Classification of the Orthezii-dae. Supplement to Classification of scale insects of the subfamily Orthezilnae. U. S. D. A. Tech. B. 1052,80 p. Ref. Aug.1952. 1 Ag84Te

ROBERT, A. L. Cultural and pathogenic variability in single-conidial and hyphal-tip isolates of Helminthosporium turcicum Pass. U. S. D. A Tech. B. 1058,18 p. Ref. July 1952. 1 Ag84Te

Unnumbered Publications

U. S. DEPT. OF AGRICULTURE. Relation of expenditures for fertilizers to total agricultural production expenses of farm operators and to farm income in the previous year, United States, 1911-1949. Washington, 1952? 1 p. 1.90 A2R27

U. S. DEPT. OF AGRICULTURE. A report on operations of farm-stored commodity loan program. Washington,1952. 8 p. 1.90 A2R297

U. S. DEPT. OF AGRICULTURE. The yearbook of agriculture, 1952; insects. Washington,1952. 780 p.,illus.(pt.col.) 1 Ag84Y

Periodicals

AGRICULTURE decisions; decisions of the Secretary of Agriculture under the regulatory laws administered in the United States Department of Agriculture (including court decisions). Monthly. 1 Ag84Ad

AGRICULTURE in national defense. Weekly. 1.90 A5Ag86

THE DAILY summary [of U. S. D. A. releases and reports]. 1.90 A2Un3

GRASSLAND newsletter. Irregular. 1.91 C2G763

INFORMATION for the press. Irregular. 1.90 A2P92

Released by the various agencies of the Department of Agriculture.

TELEPHONE directory, U. S. Department of Agriculture. Quarterly. 1.90 A2T23

USDA. Fortnightly. 1 Ag84U

Items about the Department of Agriculture and its personnel.

AGRICULTURAL AND INDUSTRIAL CHEMISTRY, BUREAU OF

Periodicals

LIBRARY accessions and notes, Western Regional Research Laboratory. Monthly. Albany,Calif. 1.9321 W2L61

LIST of principal accessions, Northern Regional Research Laboratory. Bi-monthly. Peoria. 1.9321 N2L694

SURVEY notes, Southern Regional Research Laboratory. Irregular. New Orleans. 1.9321 S2Su7

AGRICULTURAL ECONOMICS, BUREAU OF

BOTTS, R. R. Progress in farm mutual legislation. Washington,U. S. Bur. Agr. Econ.,1952. 18 p. 1.941 A2B65
Address, Virginia Association of Mutual Insurance Companies, Roanoke, July 28-29, 1952.

CALIFORNIA CROP AND LIVESTOCK REPORTING SERV. California annual poultry-hatchery report, by J. H. Swedberg and G. A. Scott. Sacramento, 1952. 15 p. 1.941 H8P882
U. S. Bureau of Agricultural Economics and the California Department of Agriculture, Bureau of Agricultural Statistics cooperating.

U. S. BUR. OF AGRICULTURAL ECONOMICS. Apple manufactures; the use of apples in cider mills; evaporators and canneries in New York State, 1939-51. Albany,1952. 6 p. 1.942 F6Ap5
New York State Department of Agriculture and Markets cooperating.

U. S. BUR. OF AGRICULTURAL ECONOMICS. Cattle on feed, July 1, 1952. Washington,1952. 2 p. 1.9 Ec742Caf

U. S. BUR. OF AGRICULTURAL ECONOMICS. A chronology of the Department of Agriculture's food policies and related programs, January 1947 to December 1951, by W. D. Rasmussen and G. L. Baker. Washington,1952. 133 p. 1.941 H3C46

U. S. BUR. OF AGRICULTURAL ECONOMICS. Cotton statistics; State data 1909-49, county data 1941-48. 14 nos. Washington,1951. 1.941 H2C823

U. S. BUR. OF AGRICULTURAL ECONOMICS. Crop production practices and resources on farms. I. Northeast. U. S. Bur. Agr. Econ. F. M. 92,86 p. June 1952. 1.941 L6F22

U. S. BUR. OF AGRICULTURAL ECONOMICS. Farm-operator family level-of-living indexes for counties of the United States 1930, 1940, 1945, and 1950, by M. J. Hagood. Washington,1952. 82 p. 1.941 R5F22

U. S. BUR. OF AGRICULTURAL ECONOMICS. Farm production, disposition cash receipts and gross income—turkeys 1950 - 1951; turkeys on farms, January 1951 - 1952, by States, by E. S. Kimball, P. W. Smith, and R. F. Moore. Washington,1952. 8 p. 1.942 D22T84

U. S. BUR. OF AGRICULTURAL ECONOMICS. Marketing information for commercial floriculture; preliminary report, by M. T. Fossum. Washington,1952. 21 p. 1.941 M3M3423

U. S. BUR. OF AGRICULTURAL ECONOMICS. Marketing information for commercial ornamental horticulture; preliminary report, by M. T. Fossum. Washington,1952. 21 p. 1.941 M3M3422

U. S. BUR. OF AGRICULTURAL ECONOMICS. Marketing margins for Florida oranges October 1951-June 1952, by D. B. Johnson. Washington,1952. 13 p. 1.941 M8M342

U. S. BUR. OF AGRICULTURAL ECONOMICS. Missouri turkey crop report, 1952. Columbia,1952. 1 p. 1.941 H8T84

U. S. BUR. OF AGRICULTURAL ECONOMICS. 1952 cranberry prospects. Portland,Oreg.,1952. 1 p. 1.941 H8C85

U. S. BUR. OF AGRICULTURAL ECONOMICS. 1952 lamb crop report. Washington,1952. 2 p. 1.9 Ec742La

U. S. BUR. OF AGRICULTURAL ECONOMICS. Number of milk cows on farms, June 1952. Boise,1952. 2 p. 1.941 F3N91

U. S. BUR. OF AGRICULTURAL ECONOMICS. Potential 4-H membership, by H. R. White. Washington, 1952. 3 p. 1.941 R4P84

U. S. BUR. OF AGRICULTURAL ECONOMICS. Shorn wool production, 1952. Washington,1952. 2 p. 1.91 Ec742Woo

U. S. BUR. OF AGRICULTURAL ECONOMICS. Soybeans harvested for beans; acreage, yield, and production, 1949-50-51, by counties for 19 principal States. Washington,1952. 26 p. 1.941 H8So9

U. S. BUR. OF AGRICULTURAL ECONOMICS. Stocks of vegetable seeds on June 30, 1951, 1952, and 1946-50 average. Washington,1952. 8 p. 1.941 S8V522

U. S. BUR. OF AGRICULTURAL ECONOMICS. Tree nuts; production, farm disposition, value, and utilization of sales, 1944-51. Washington,1952. 11 p. 1.941 H8N95

U. S. BUR. OF AGRICULTURAL ECONOMICS. Turkey report. Richmond,1952. 2 p. 1.941 H8T842

Periodicals

ACREAGE and indicated production. Irregular. Portland,Oreg. 1.941 H8V5223
Issued also from Athens, Georgia.

ACREAGE and indicated production of fall vegetables. Monthly. Seasonal. Orlando, Fla. 1.941 H8V527

AGRICULTURAL economics research; a journal of economic and statistical research. Quarterly. 1 Ec7Agr

AGRICULTURAL outlook digest. Monthly. 1.941 S8Ag82

AGRICULTURAL prices and news. Monthly. Richmond. 1.941 F8Ag82

AGRICULTURAL prices; prices received and paid by farmers, and parity prices. Monthly. 1.942 A8M58

THE AGRICULTURAL situation. Monthly. 1 Ec7Ag

AVERAGE prices received by farmers. Irregular. Fargo. 1.941 F8Av3

BROILER chick report for North Georgia commercial area. Weekly. Athens. 1.941 H2B78

CANNED poultry. Monthly. 1.941 S8P86

CHECK list of publications. Monthly. 1.941 E3C41

CHICK placement in the ten-county Shenandoah Valley area. Weekly. Richmond. 1.941 H8C433

CHICKS placed in commercial broiler areas. Weekly. Boston. 1.941 H8C436

COMMERCIAL truck crops; acreage and indicated production. Monthly. 1.941 H8V523

CONSUMER purchases of selected fresh fruits, canned and frozen juices, and dried fruits. Monthly. 1.941 M3C762

THE COTTON situation. 6 times a year. 1.9 Ec752F

CREAMERY butter and cheese production estimates. Monthly. 1.9 Ec742Mo
Released at Chicago.

CROP production. Monthly. 1.9 St2Cb

CURRENT developments in the farm real estate market. 3 times a year. 1.941 L2C93

THE DAIRY situation. 6 times a year. 1.9 Ec7Ds

DEL-MAR-VA broiler chick report. Weekly. College Park,Md. 1.941 S8C43

THE DEMAND and price situation. Monthly. 1.9 Ec752Pa

DEPOSITS of country banks: index numbers of demand, time, and total deposits, selected groups of States. Monthly. 1.941 F8D44

ESTIMATES of livestock slaughtered. Monthly. Austin. 1.941 S8L7572
Issued also from Boise, Helena, Oklahoma City, Portland, Oreg., and Richmond. Titles vary slightly.

EVAPORATED, condensed, and dry milk report. Monthly. 1.9 M34Mev

FARM employment and wage rates. Irregular. Boise. 1.941 R3F2226

THE FARM income situation. Bimonthly. 1.941 F8F22

FARM labor. Monthly. 1.9 Ec71Far

FARM price report. Irregular. Orlando,Fla. 1.941 F8F223

FARM wage rates. Irregular. Fargo. 1.941 F8F225

THE FATS and oil situation. 6 times a year. 1.9 Ec752F

THE FEED situation. 6 times a year. 1.941 S8F32

FLUID milk and cream report. Monthly. 1.9 M34M

THE FRUIT situation. 4 times a year. 1.9 Ec752F

GENERAL crop report. Monthly. Austin. 1.941 S8C887
Issued also from Athens, Boise, Columbia, Fargo, Helena, Lansing, Oklahoma City, Orlando, and Portland, Oreg. Titles vary slightly.

GRAIN stocks. Quarterly. Boise. 1.941 H8G76
Issued also from Helena, Portland, Oreg., and Richmond Titles vary slightly.

HATCHERY production. Monthly. 1.9 Ec724Ha

HATCHERY report. Monthly. Columbia, Mo. 1.941 S8P862
Issued also from Austin, Boise, Fargo, Helena, Oklahoma City, Richmond, and St. Paul. Titles vary slightly.
ICE CREAM production. Monthly. 1.941 H8Ic2
Released at Chicago.
IDAHO dairy products manufactured. Irregular. Boise. 1.941 H8D144
IDAHO fruit crop prospects. Monthly. Seasonal. Boise. 1.941 H8F944
LIQUID, frozen, and dried egg production. Monthly. 1.941 H8Eg3
THE LIVESTOCK and meat situation. 6 times a year. 1.941 S8L752
LIVESTOCK slaughter by States. Monthly. 1.941 S8L755
THE MARKETING and transportation situation. Quarterly. 1.941 M8M34
MARKETING margins for Florida oranges in 10 major cities. Monthly during season. 1.941 M8M342
MID-MONTH local market price report. Monthly. Austin. 1.941 F8M58
MILK prices paid at creameries and cheese factories. Monthly. 1.941 F8M59
Released at Chicago.
MISSISSIPPI farm report. Irregular. Gulfport. 1.941 S8F222
MISSOURI cotton report. Monthly. Seasonal. Columbia. 1.941 H8C825
MISSOURI farm product prices. Monthly. Columbia. 1.941 F8M69
MONTANA dairy products report. Irregular. Helena. 1.941 H8D14
THE NATIONAL food situation. Quarterly. 1.941 S2F73
NORTH Carolina dairy report. Irregular. Raleigh. 1.941 H8D145
NORTH Carolina farm report. Semimonthly. Raleigh. 1.941 S8Ag8
OHIO fluid milk price report. Monthly. Columbus. 1.941 F8Oh3
OHIO monthly dairy report. Columbus. 1.941 H8D143
OKLAHOMA cotton report. Monthly. Seasonal. Oklahoma City. 1.941 H8C824
OREGON monthly dairy report. Portland. 1.941 H8D142
PEANUTS; stocks and processing. Monthly. 1.941 M8P31
POULTRY and egg production report. Monthly. Portland, Oreg. 1.941 M8P86
THE POULTRY and egg situation. 6 times a year. 1.9 Ec752F
PRICE report; prices paid and received by New Jersey farmers. Irregular. Trenton. 1.941 F8P935
PRICES received and paid by Idaho farmers. Monthly. Boise. 1.941 F8P933
PRICES received by farmers. Monthly. Oklahoma City. 1.941 F8P934
PRODUCTION and stocks of naval stores. Monthly. 1.932 N2M76
PRODUCTION of meat scraps and tankage. Irregular. 1.941 S8P94
RANGE and livestock report. Monthly. Austin. 1.941 S8R16
Issued also from Boise, Fargo, Helena, Oklahoma City, and Portland, Oreg.
THE STATISTICAL summary. Monthly. 1.941 A22St2
STOCKS of evaporated and condensed milk held by wholesale grocers. Quarterly. 1.9 Ec724S
STOCKS of feed grains. Quarterly. 1.941 S8G763
Issued also from Fargo.
STOCKS of soybeans and flaxseed. Quarterly. 1.941 H8So92
STOCKS of wheat, and feed grains. Quarterly. Oklahoma City. 1.941 H8G763
STOCKS of wheat and rye. Quarterly. 1.941 S8W562
THE TOBACCO situation. 4 times a year. 1.9 Ec752F
TRUCK crop notes. Irregular. Austin. 1.941 S8V523
Issued also from Athens, Boise, Orlando, Portland, Oreg., Raleigh, Richmond, and Trenton. Titles vary slightly.
TRUCK crops for commercial processing. Monthly; Apr.-July, semimonthly. 1.941 H8V522
THE VEGETABLE situation. 4 times a year. 1.9 Ec752F
WEEKLY American cheese production report. 1.941 S8C41
Released at Chicago.
WEEKLY American cheese warehouse statistics report. 1.9 M34Mc
Released at Chicago.
WEEKLY creamery butter production. 1.942 D8W41
Released at Chicago.
WEEKLY crop and weather bulletin. Austin. 1.941 S8C88
Issued also from Des Moines, Fargo, Helena, Minneapolis, Oklahoma City, Raleigh, Richmond, and St. Paul. Titles vary slightly.
THE WHEAT situation. 6 times a year. 1.9 Ec752F
THE WOOL situation. quarterly. 1.9 Ec752Ww

AGRICULTURAL RESEARCH ADMINISTRATION

SHAW, B. T. Land resources for increased agricultural output. Washington, U. S. Agr. Res. Admin., 1952. 10 p. 1.98 Sh2
Talk before the American Farm Economic Association, Urbana, Aug. 28, 1952.
U. S. REGIONAL SALINITY LABORATORY, RIVERSIDE, CALIFORNIA. Water conducting and retaining properties of soils in relation to irrigation, by L. A. Richards. Riverside?1952? 27 p. Ref. 1.965 A2W29

Periodicals

WEEKLY report on research publications. 1.98 In3

ANIMAL INDUSTRY, BUREAU OF

U. S. BUR. OF ANIMAL INDUSTRY. Quality wool from range sheep. More meat for defense. Washington,1952. 2 p. 1.972 A2Q23
U. S. BUR. OF ANIMAL INDUSTRY. Table for converting 3-day-a-week trap-nest records to official egg production records. U. S. Bur. Anim. Indus. A. H. D. 146,1 p. Aug.1952. 1.9 An52AH
U. S. BUR. OF ANIMAL INDUSTRY. Table for converting 5-day-a-week trap-nest records to official egg production records. U. S. Bur. Anim. Indus. A. H. D. 147,1 p. Aug.1952. 1.9 An52AH
U. S. BUR. OF ANIMAL INDUSTRY. Table for converting 6-day-a-week trap-nest records to official egg production records. U. S. Bur. Anim. Indus. A. H. D. 148,2 p. Aug.1952. 1.9 An52AH
U. S. BUR. OF ANIMAL INDUSTRY. Table for converting 7-day-a-week trap-nest records to percent production during a 300-day qualifying period. U. S. Bur. Anim. Indus. A. H. D. 149,2 p. Aug.1952. 1.9 An52AH

Periodicals

DAIRY herd-improvement association letter. Monthly. 1.9 D145C
PLAN notes. Irregular. Beltsville. 1.972 A2P69
SERVICE and regulatory announcements. Monthly. 1 An52An
STATEMENT of indemnity claims and averages in cooperative Bang's disease [brucellosis] work. Monthly. 1.9 A2St23
SUMMARY of brucellosis (Bang's disease) control program conducted by Bureau of Animal Industry in cooperation with the various States. Monthly. 1.9 An56Sua
SUMMARY of brucellosis (Bang's disease) work in cooperation with the various States. Monthly. 1.9 An56Su
SUMMARY of tuberculosis eradication [in cattle] in cooperation with the various States. Monthly. 1.9 An533Su
VSC NOTICE; activities of licensed establishments supervised by the Virus-Serum Control Division. Monthly. 1.9 An552N

BUDGET AND FINANCE, OFFICE OF

U. S. DEPT. OF AGRICULTURE. OFF. OF BUDGET AND FINANCE. Digest of agricultural legislation enacted during 82nd Congress, 2nd session. Washington,1952. 24 p. 1.911 A2D56

Periodicals

DIGEST of Congressional proceedings of interest to the Department of Agriculture. Issued each day Congress is in session. 1.9 Ag872Dig
For Department staff only.

COMMODITY CREDIT CORPORATION

Periodicals

ACTIVE and announced price support programs approved by Board of Directors, CCC. Monthly. 1.957 Ac8

REPORT of financial condition and operations, Commodity Credit Corporation. Monthly. 1.957 B18

COMMODITY EXCHANGE AUTHORITY

Periodicals

COMMITMENTS of large traders in cotton futures. Monthly. 1.956 C72C73

COMMODITY futures: volume of trading, open contracts, and prices, selected agricultural commodities, principal markets. Irregular. 1.9422 A8C733

CONTRACT grades of wheat and total wheat stocks in regular houses at Kansas City at close of business on designated dates. Irregular. Kansas City. 1.945 C76

FUTURES trading and open contracts in butter, eggs and potatoes. Daily. Chicago. 1.945 F985

FUTURES trading and open contracts in cotton and cottonseed oil. Daily. New Orleans. 1.9 C73V

FUTURES trading and open contracts in cotton and wool tops. Daily. New York. 1.9 C73V

FUTURES trading and open contracts in cottonseed meal and soybean meal (sacked). Irregular. New Orleans. 1.945 F984

FUTURES trading and open contracts in grain. Daily. Chicago. 1.9422 Co8F98

FUTURES trading and open contracts in millfeeds (bran and shorts). Daily. Kansas City,Mo. 1.945 F98

FUTURES trading and open contracts in potatoes, eggs, butter and rice. Daily. New York. 1.945 F982

FUTURES trading and open contracts in wheat, corn and grain sorghums. Daily. Kansas City,Mo. 1.9422 Co8F98K

FUTURES trading and open contracts in wheat, corn, oats, rye, barley, and flaxseed. Daily. Minneapolis. 1.9422 Co8F98M

MONTHLY summary of commodity futures statistics. 1.945 M76

"ON CALL" positions and transactions in spot cotton based on New York cotton futures reported by merchants in special account status. Weekly. 1.9 C73Un
Issued also from New Orleans and New York.

STOCKS of grain in Federal licensed warehouses (in deliverable position) at Chicago, Illinois. Weekly. Chicago. 1.945 St6

TRADE in cotton futures. Monthly. 1.945 T67

TRADE in grain futures. Monthly. 1.9 G76T

VOLUME of trading and open contracts in millfeed futures as reported by clearing members of the Kansas City Board of Trade. Monthly. Kansas City. 1.945 V882

VOLUME of trading [Minneapolis Grain Exchange]. Monthly. Minneapolis. 1.945 V88

DAIRY INDUSTRY, BUREAU OF

MOORE, L. A., and SHEPHERD, J. B. Comparative efficiency of various methods of harvesting and preserving forages. U. S. Bur. Dairy Indus. BDI-Inf-142,10 p. Aug.1952. 1.973 D4B34

Periodicals

DAIRY herd-improvement association letter. Monthly. 1.9 D145C

ENTOMOLOGY AND PLANT QUARANTINE, BUREAU OF

BUTCHER, J. W., and EATON, C. B. The larch sawfly [Pristiphora erichsonii] epidemic in the Lake States; surveys and spraying experiments in 1949 and 1950. U. S. Bur. Ent. & Plant Quar. E-841,8 p. July 1952. 1.9 En83

LYONS, C. The European earwig [Forficula auricularia] and its control. U. S. Bur. Ent. & Plant Quar. EC-25,5 p.-folder. July 1952. 1.967 A2Ec1

POOS, F. W., and others. Effects of drying procedures, plant growth, and weathering on insecticide residues on sprayed alfalfa. U. S. Bur. Ent. & Plant Quar. E-842,6 p. Aug.1952. 1.9 En83
T. N. Dobbins, R. H. Carter, P. E. Hubanks, R. E. Ely, and L. A. Moore, joint authors.

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Cicada-killer wasp. Washington,1952. 1 p. 1.967 A2C48

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Japanese beetle [Popillia japonica] quarantine. U. S. Bur. Ent. & Plant Quar. B. E. P. Q.-Q. 48,rev.,11 p. June 4,1952. 1 F31

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. List of publications of the Division of Insecticide Investigations, January 1, 1952 to June 30, 1952. Washington,1952. 2 p. 1.9 En866P

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of the Republic of Honduras. U. S. Bur. Ent. & Plant Quar. B.E.P.Q. 598,2 p. July 24,1952. 1.9 F73

U. S. BUR. OF ENTOMOLOGY AND PLANT QUARANTINE. Plant quarantine import restrictions of the Republic of Nicaragua. U. S. Bur. Ent. & Plant Quar. B.E.P.Q. 599,2 p. July 24,1952. 1.9 F73

Periodicals

COOPERATIVE economic insect report. Weekly. 1.967 A2C78

PRINTED and processed publications. Monthly. 1.967 A2P942

QUARTERLY report [Division of Stored Product Insect Investigations]. 1.967 S3Q2

REVIEW of United States patents relating to pest control, by R. C. Roark. Monthly. 1.9 C4926Re

SERVICE and regulatory announcements. Irregular. 1 F31S

EXPERIMENT STATIONS, OFFICE OF

U. S. OFF. OF EXPERIMENT STATIONS. Bibliography on poultry industry: chickens, turkeys, aquatic fowl, gamebirds, by R. B. Nestler and F. Wilkerson. Washington?1952. 76 p. 1.912 B472

Periodicals

LIST of agricultural experiment stations in the United States. Irregular. 1.9 Ex6Li

EXTENSION SERVICE

CRILE, L. Review of extension studies, July to December 1951. U. S. Ext. Serv., Ext. Serv. C. 480, 35 p. Mar.1952. 1.9 Ex892Esc

U. S. EXTENSION SERV. The Cooperative Extension Service of the U. S. Department of Agriculture and the State land-grant colleges, by L. A. Schlup. Washington,1952. 12 p. 1 Ex892Co

U. S. EXTENSION SERV. Criteria for appraising a 4-H awards program. Washington,1952. 4 p. 1.913 F3C86

U. S. EXTENSION SERV. A graphic presentation of rural trends, by A. F. Raper. Washington,1952. 33 p. 1.913 A2G764

U. S. EXTENSION SERV. Health facts and figures, by E. J. Niederfrank. Washington,1952. 3 p. 1.913 A2H34

U. S. EXTENSION SERV. List of subjects on filmstrip for use of National 4-H club camp delegates on their return from camp. Washington,1952. 2 p. 1.913 F3L692

U. S. EXTENSION SERV. The story of how the United States Department of Agriculture tackles farm problems. Washington,1952. 24 p. 1.913 S2St7
A panel symposium prepared by C. G. Gaylord.

WILSON, M. L. Carrying out the 4-H pledge. Washington,U. S. Ext. Serv.,1952. 7 p. 1.913 A2W69
Address at the fifth Regional 4-H Club Camp, Tuskegee, June 29, 1952.

Periodicals

EXTENSION service review. Monthly. 1 Ex892Ex

GARDEN and home food preservation facts. Irregular. 1.913 A2H753

FARM CREDIT ADMINISTRATION

Periodicals

NEWS for farmer cooperatives. Monthly. 166.2 N47

QUARTERLY summary of cases relating to farmers' cooperative associations. 1.955 C2Su7
Prepared for the Cooperative Research and Service Division under the direction of R. J. Mischler.

FARMERS HOME ADMINISTRATION

U. S. FARMERS HOME ADMIN. Farmers Home Administration. Washington,1951? 2 p. 1.949 F228

U. S. FARMERS HOME ADMIN. The Minnesota story; a report on activities of the Farmers Home Administration in Minnesota for fiscal year 1951. St. Paul, 1951. 11 p. 1.949 M664

FOREIGN AGRICULTURAL RELATIONS, OFFICE OF

Periodicals

FOREIGN agricultural circular. FC [foreign cotton report]. Irregular. 1.943 F7626
Similar reports for all the basic commodities.

FOREIGN agricultural trade. Monthly. 1.943 F76242

FOREIGN agriculture. Monthly. 1.9 Ec7For

FOREIGN crops and markets. Weekly. 1.9 St2F

FOREIGN program letter to land-grant college contacts on foreign agricultural affairs. Weekly. 1.943 F7645

FOREIGN trade in farm machinery and supplies. Monthly. 1.943 F7646

FOREST SERVICE

AREND, J. L., and GYSEL, L. W. Less oak [Quercus] reproduction on better sites. U. S. Forest Serv. Lake States Forest Expt. Sta. Tech. Notes 378,1 p. July 1952. 1.9 F7625T

BENJAMIN, D. M. The jack-pine budworm, a menace to Michigan jack pine [Pinus banksiana]. U. S. Forest Serv. Lake States Forest Expt. Sta. Tech. Notes 376,1 p. July 1952. 1.9 F7625T

CRUIKSHANK, J. W. 1951 pulpwood production in the South. U. S. Forest Serv. Soeast. Forest Expt. Sta. Forest Survey Release 38,26 p. July 1952. 1.9622 A3F76
Southern Forest Experiment Station and Southern Pulpwood Conservation Association cooperating.

DORMAN, K. W. Directory of forest genetic activities in the South. U. S. Forest Serv. Soeast. Forest Expt. Sta. Paper 17,17 p. July 1952. 1.9622 S4St2

HORN, A. G. Commodity drain from forests of the Lake States, 1950. U. S. Forest Serv. Lake States Forest Expt. Sta. Misc. Rpt. 18,24 p. Sept.1,1952. 1.9622 L2M68

KISSINGER, N. A., JR., HULL, A. C., JR., and VAUGHN, W. T. Chemical control of big sagebrush [Artemisia tridentata] in central Wyoming. U. S. Forest Serv. Rocky Mountain Forest & Range Expt. Sta. Paper 9,15 p. June 1952. 1.9622 R2St2

LEBARRON, R. K. Silvicultural practices for lodgepole pine [Pinus contorta latifolia] in Montana. U. S. Forest Serv. North. Rocky Mountain Forest & Range Expt. Sta. Paper 33,19 p. July 1952. 1.9622 N3St1

LONGWOOD, F. R. Mortality following heavy partial cutting in a hardwood-hemlock [Tsuga] forest. U. S. Forest Serv. Lake States Forest Expt. Sta. Tech. Notes 380,1 p. July 1952. 1.9 F7625T

LONGWOOD, F. R., and SALMINEN, W. A. Reproduction after cutting in hardwood-hemlock [Tsuga] stands. U. S. Forest Serv. Lake States Forest Expt. Sta. Tech. Notes 379,1 p. July 1952. 1.9 F7625T

LOVE, L. D., and DUNFORD, E. G. The Fraser Experimental Forest—its work and aims. U. S. Forest Serv. Rocky Mountain Forest & Range Expt. Sta. Paper 8,27 p. May 1952. 1.9622 R2St2

LOVE, L. D., and JOHNSON, W. M. The Manitou Experimental Forest—its work and aims. U. S. Forest Serv. Rocky Mountain Forest & Range Expt. Sta. Paper 7,23 p. Apr.1952. 1.9622 R2St2

LYNCH, D. W. Forest tree planting in the Inland Empire. U. S. Forest Serv. North. Rocky Mountain Forest & Range Expt. Sta. Misc. P. 5,21 p. Ref. July 1952. 1.9622 N3M68

MERZ, R. W., and PLASS, W. T. Natural regeneration on old fields in southeastern Ohio. U. S. Forest Serv. Cent. States Forest Expt. Sta. Tech. Paper 129,13 p. Aug.1952. 1.9622 C3T222

POLE BLIGHT INVESTIGATIONS STEERING COMMITTEE. Pole blight: what is known about it. U. S. Forest Serv. North. Rocky Mountain Forest & Range Expt. Sta. Misc. P. 4,17 p. Ref. July 1952. 1.9622 N3M68

ROE, E. I. Understory balsam fir [Abies balsamea] responds well to release. U. S. Forest Serv. Lake States Forest Expt. Sta. Tech. Notes 377,1 p. July 1952. 1.9 F7625T

SHORT, L. R. New equipment for the 3-step method. U. S. Forest Serv. North Rocky Mountain Forest & Range Expt. Sta. Res. Note 111,4 p. Aug.1952. 1.9622 N3R31

U. S. FOREST GENETICS STEERING COMMITTEE. A guide for the selection of superior trees in the Northern Rocky Mountains. U. S. Forest Serv. North. Rocky Mountain Forest & Range Expt. Sta. Misc. P. 6, 7 p. July 1952. 1.9622 N3M68

U. S. FOREST SERV. Wood pulp mills in the United States by State and type of product from Lockwood's Directory of the paper and allied trades, 1952 and other sources, compiled by H. B. Steer. Washington? 1952. 6 p. 1.962 F4W85

U. S. FOREST SERV. CALIFORNIA FOREST AND RANGE EXPERIMENT STATION. Annual report, 1951. Washington?1952? 53 p. 1.9 F7626Ann

U. S. FOREST SERV. CALIFORNIA FOREST AND RANGE EXPERIMENT STATION. The work of the California Forest and Range Experiment Station. Berkeley,1952. 12 p. 1.9622 C2W89

U. S. FOREST SERV. CENTRAL STATES FOREST EXPERIMENT STATION. Fence posts, a potential market for Missouri pine timber, by K. L. Quigley and F. B. Clark. Jefferson City?Mo. State Div. Resources & Devlpmt.,1951. 11 p. 1 F76Fe

U. S. FOREST SERV. CENTRAL STATES FOREST EXPERIMENT STATION. Publications of the Central States Forest Experiment Station. U. S. Forest Serv. Cent. States Expt. Sta. Misc. Release 6(sup.),7 p. May 1952. 1.9622 C3P96

U. S. FOREST SERV. FOREST PRODUCTS LABORATORY. List of publications January 1 to June 30, 1952. Madison,1952? 13 p. 1 F7692L

U. S. FOREST SERV. FOREST PRODUCTS LABORATORY. Reports dealing with aircraft available at the Forest Products Laboratory. Rev. Madison,1951. 11 p. 1.962 F6R29

U. S. FOREST SERV. NORTHEASTERN FOREST EXPERIMENT STATION. Forest statistics for Vermont, by J. R. McGuire and R. D. Wray. Upper Darby, Pa.,1952. 47 p. 1.9622 N2F768

U. S. FOREST SERV. NORTHEASTERN FOREST EXPERIMENT STATION. Forest survey field manual, Northeastern States. Supplement 1. Upper Darby, 1952. 10 p. 1.9622 N2F769

U. S. FOREST SERV. SOUTHEASTERN FOREST EXPERIMENT STATION. Forest fires and fire danger in West Virginia, by A. W. Lindenmuth, Jr., and J. J. Keetch. Asheville,1952. 49 p. 1.9622 S4F762

WRAY, R. D., and BANKS, W. G. Forest statistics for New York Forest District No. 7. U. S. Forest Serv. Noeast. Forest Expt. Sta. Forest Statis. Ser. N. Y. 2,17 p. July 1952. 1.9622 N2F766

Periodicals

THE CARIBBEAN forester. Quarterly. Rio Piedras, P. R., Trop. Forest Expt. Sta. 1.9622 T2C23

FIRE control notes. Quarterly. 1 F766Fi

NATIONAL forest monthly fire record. 1.962 A2N216

NORTHEASTERN research notes. Irregular. Upper Darby. 1.9622 N2N82

QUARTERLY review, Southern region. New Orleans? 1.9621 R8Q2

RESEARCH hi-lights, Northern Rocky Mountain Forest and Range Experiment Station. Irregular. Missoula. 1.9622 N316

SAFETY score sheet. Irregular. 1.962 A2C912

SOUTHERN forestry notes. Bimonthly. New Orleans, South. Forest Expt. Sta. 1.9 F7624S

TIMBER cut on national forests by regions under sales and land exchanges. Quarterly. 1.962 A2T485

TREE planters' notes. Irregular. 1.962 C5T71

GRADUATE SCHOOL

Periodicals

NEWSLETTER, Graduate School. Irregular. 1.984 G75

HUMAN NUTRITION AND HOME ECONOMICS, BUREAU OF

U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. Free popular printed publications. Washington,1952. 2 p. 1.9 H755P

U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. How to prepare raw wool at home for bedding. Rev. Washington,1952. 2 p. (HE 485-B) 1.982 A2H834

U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. New diet for nutrition experiments devised. Washington,1952. 1 p. 1.982 A2N422

U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. School lunch recipes using honey. Washington,1951? 5 p. 1.982 A2Sch65

U. S. BUR. OF HUMAN NUTRITION AND HOME ECONOMICS. School lunch recipes using tomato paste. Washington,1951? 4 p. 1.982 A2Sch66

Periodicals

NUTRITION committee news. Monthly. 1.982 A2N955

RURAL family living. Several times a year. 1.982 E2W26

INFORMATION, OFFICE OF

SPEECE, M. A. The facts we face in television. Washington,U. S. D. A.,Off. Inform.,1952. 3 p. 1.914 A2Sp3

Talk at the Television Section of the annual meeting of the American Association of Agricultural College Editors held at Clemson, July 23, 1952.

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Agriculture one of U. S. top industries. Washington,1952. 13 p. (Doc. 7) 1.914 A2D65

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Beating the seasonal price slump, by E. Kruse and B. Crom. Washington,Aug.9,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Expansible farmhouses, by L. S. Thye and K. M. Gapen. Washington,Aug.9,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Federal crop insurance, by J. Brainard and B. Crom. Washington,Aug.2,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. A look at crop prospects, by H. R. Walker and J. Towers. Washington,July 12,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. A new Extension Service for the Philippines, by J. V. Hepler and J. Towers. Washington,Aug. 16,1952. 3 p. 1.914 R2R11

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. Publications on the identification of seeds. Washington,1952. 3 p. 1.914 P2P962

U. S. DEPT. OF AGRICULTURE. OFF. OF INFORMATION. The vesicular exanthema report, by B. T. Simms and K. M. Gapen. Washington,Aug.9,1952. 2 p. 1.911 R2R11

Periodicals

ADVANCE information for magazine food editors. Bimonthly. 1.914 A2F74

FARM mobilization fact sheet. Irregular. 1.914 A5F22

FOOD and home notes. Weekly. 1.90 A5F73

LETTER to USDA film users. Monthly. 1.914 M2T55

MONTHLY list of [Department of Agriculture] publications and motion pictures. 1 P96M

MOTION picture films of the United States Department of Agriculture. Irregular. 1.913 M3M85

PICTURE story. Irregular. 1.914 P3P58

R F D LETTER to radio farm directors. Biweekly. 1.914 R2R112

USDA farm paper letter. Biweekly. 1.914 A5L56

LIBRARY

U. S. DEPT. OF AGRICULTURE. LIBRARY. LOUISIANA BR. Yields of hybrid tomatoes; a list of references, by H. Boyd. New Orleans?1952. 3 p. 1.916 L93Y

Typewritten.

Periodicals

ACCESSIONS to the library [Madison branch, U. S. Dept. of Agriculture Library, Forest Products Laboratory]. Monthly. Madison. 1.9 F761A

BIBLIOGRAPHY of agriculture. Monthly. 1.916 B471

LIBRARY newsletter [Branch libraries]. Monthly. Slight differences in frequency of issue.

PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, BUREAU OF

HALLER, M. H., and others. Peach precooling tests, 1951. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 276,4 p. June 17,1952. 1.9 P772Ht

W. A. Radspinner, S. E. Womeldorph, Jr., M. A. Smith, and W. R. Wright, joint authors.

U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. Sesame, by M. L. Kinman. n.p.,1952. 9 p. 1.965 T2Se7

U. S. BUR. OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING. Survey of the superphosphate and wet-process phosphoric acid industries in the United States in 1950 and 1951, by J. R. Adams, T. H. Tremearne, K. D. Jacob, and L. G. Porter. Washington?1951? 44 p. 1.965 F8Su7

WINSTON, J. R., and others. Rail refrigeration test with Florida citrus November, 1950. U. S. Bur. Plant Indus., Soils & Agr. Engin. H. T. & S. Off. Rpt. 277,14 p. June 27,1952. 1.9 P772Ht

R. Cubbedge, H. W. Hruschka, and G. A. Meckstroth, joint authors.

Periodicals

BIBLIOGRAPHY of weed investigations. Quarterly. Beltsville. 1.965 W2B47

LIST of plant material introduced; special inventories. Irregular. 1.965 P2L693

THE PLANT disease reporter. Monthly. 1.9 P69P

Also supplements dealing with specific subjects.

PLANT inventory. Irregular. 1 P6981

PRODUCTION AND MARKETING ADMINISTRATION

MYERS, L. Low farm production costs of sugar beets: a prerequisite for success of beet sugar factories. Washington,U. S. Prod. & Mktg. Admin.,1952. 11 p. 1.957 M99

Paper presented to the United States Beet Sugar Association at San Francisco, July 28, 1952.

RHODES, F. M. Farm programs and economic stability. Washington,U. S. Prod. & Mktg. Admin.,1952. 20 p. 1.956 A21R34

Address at meeting of Workshop on Economic Education, University of Mississippi, July 30, 1952.

U. S. PRODUCTION AND MARKETING ADMIN. Apricots, 1951; weighted average prices received at eastern auction markets by varieties, by weeks, by markets, by G. K. York. Sacramento,1952. 8 p. 1.9 Ec741L

California Department of Agriculture, Bureau of Market News cooperating.

Also similar reports on prices of nectarines, peaches, pears, and plums.

U. S. PRODUCTION AND MARKETING ADMIN. A brief review of the 1951 Lodi Tokay grape season, by W. H. Hutto and R. W. Bussman. Lodi,1952? 11 p. 1.9 Ec741L

California Department of Agriculture cooperating.

U. S. PRODUCTION AND MARKETING ADMIN. Canadian grain in store and afloat in bond in United States markets. Washington,1952. 1 p. 1.956 G76C733

U. S. PRODUCTION AND MARKETING ADMIN. Canadian grain stocks in Canada. Washington,1952. 1 p. 1.956 G76C735

U. S. PRODUCTION AND MARKETING ADMIN. Commercial stocks of domestic grain in store and afloat at principal United States markets. Washington,1952. 1 p. 1.956 G76C734

U. S. PRODUCTION AND MARKETING ADMIN. Cottonseed cake and meal; supplies for feed, United States, by quarters, October 1940 to date. Washington, 1952. 2 p. 1.956 G76C82

U. S. PRODUCTION AND MARKETING ADMIN. Cottonseed quality in the far West, 1951-52, by J. H. Stevenson and M. E. Whitten. Washington,1952. 34 p. 1.956 C82C824

U. S. PRODUCTION AND MARKETING ADMIN. Estimated regional requirements for pesticides in the crop years 1950-51 and 1951-52, expressed in percentage of the quantity estimated to have been used during the previous year. Washington,1952. 1 p. 1.956 M41Es8

U. S. PRODUCTION AND MARKETING ADMIN. Fiber and spinning test results for some varieties of cotton grown by selected cotton improvement groups, crop of 1952. Washington,1952. 3 p. 1.9422 C8R3

U. S. PRODUCTION AND MARKETING ADMIN. Food labels for television. Washington,1952. 5 p. 1.956 A2F7393

U. S. PRODUCTION AND MARKETING ADMIN. Highlights of Commodity Credit Corporation standards for approval, bonding, and inspection of warehouses. Washington,1952. 4 p. 1.956 A2H532

U. S. PRODUCTION AND MARKETING ADMIN. Peanut cake and meal; supplies for feed, United States, by quarters, October 1940 to date. Washington,1952. 2 p. 1.956 G76P312

U. S. PRODUCTION AND MARKETING ADMIN. A portable mechanical lift for high-piling and breaking out high-piled boxes of apples, by E. W. Carlsen and J. F. Herrick, Jr. Washington,1952. 10 p. 1.956 M343P83

COMMODITY MARKETING CORPORATION. Potential market outlets for mohair. A report to the United States Department of Agriculture. Washington, U. S. Prod. & Mktg. Admin.,1952. 141 p. 1.956 M343P84

U. S. PRODUCTION AND MARKETING ADMIN. Proposed amendments, to the Official standard grades for flue-cured tobacco. Rev. Washington,1952. 6 p. 1.956 T55P94

U. S. PRODUCTION AND MARKETING ADMIN. School lunch recipes for sandwich fillings using peanut butter, dried fruits, and raw vegetables. Washington, 1952? 5 p. 1.956 F732Sch62

U. S. PRODUCTION AND MARKETING ADMIN. Seven ways to greater egg profit. U. S. D. A. L. 327,8 p. May 1952. 1 Ag84L

U. S. PRODUCTION AND MARKETING ADMIN. Sound grain fat acidity survey. Washington,1952. 18 p. 1.956 G76So8

U. S. PRODUCTION AND MARKETING ADMIN. Tobacco stocks report as of July 1, 1952. Washington, 1952. 16 p. 1.9 Ec714

U. S. PRODUCTION AND MARKETING ADMIN. USDA smoked meat specifications. Schedule A. Washington,1952. 6 p. 1.956 L75Un3

U. S. PRODUCTION AND MARKETING ADMIN. United States grain in store in bond in Canada. Washington,1952. 1 p. 1.956 G76C736

U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of frozen asparagus. Washington,1952. 13 p. 1.942 V5As62

Supersedes standards that have been in effect since April 15, 1944.

U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of frozen blueberries. Rev. Washington,1951. 8 p. 1.956 A2T2692

U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of processed fruits and vegetables (canned, dried, and frozen). Washington, 1952. 3 p. 1.9422 FrUn3

U. S. PRODUCTION AND MARKETING ADMIN. United States standards for grades of processed raisins. Washington,1952. 15 p. 1.942 F32R13

Supersedes the standards that have been in effect since Oct. 15, 1946.

U. S. PRODUCTION AND MARKETING ADMIN. U. S. standards for winter pears such as Anjou, Bosc, Winter Nelis, Comice, and other similar varieties. Washington,1952. 13 p. 1.942 F32P3123

U. S. PRODUCTION AND MARKETING ADMIN. Vegetables and melons grown in the United States or its possessions and marketed in the continental United States. Washington,1952? 2 p. 1.956 F94V52

U. S. PRODUCTION AND MARKETING ADMIN. Weighted average prices of gum naval stores. Savannah, Ga.,1952. 2 p. 1.956 A2W42

U. S. PRODUCTION AND MARKETING ADMIN. Wholesale market prices at San Francisco for certain fruits and vegetables, 1951, by A. M. McDowell and F. R. Mallory. San Francisco,1952. 12 p. 1.9 Ec741L

California Department of Agriculture, Bureau of Market News cooperating.

U. S. PRODUCTION AND MARKETING ADMIN. The wholesale produce market at Toledo, Ohio, by S. D. Clark, T. D. Johnson, P. S. Richey, and J. A. Brunner. Washington,1952. 67 p. 1.956 M343W6226

University of Toledo, College of Business Administration cooperating.

U. S. PRODUCTION AND MARKETING ADMIN. OKLAHOMA STATE PMA COMMITTEE. 15 years of progress; the agricultural conservation and related programs in Oklahoma. Washington,1951? 11 p. 1.956 A2F462

Periodicals

ABUNDANT foods for the school lunch program. Monthly. Atlanta. 1.956 F73Ab92

Issued from each Area Office.

ALFALFA meal production. Monthly. 1.9422 G8AL2

BARLEY and feed grain market review. Weekly. San Francisco. 1.9422 G8B24S

BARLEY market summary. Quarterly. Kansas City. 1.956 G76B24

Issued also from Minneapolis, Portland, Oreg., and San Francisco.

BEAN market review. Weekly. San Francisco. 1.9422 V8B37S

Issued also from Los Angeles.

BREWERS' dried grain production. Monthly. 1.9 Ec712Bre

CARLOT unloads of fruits and vegetables. Monthly. 1.9 Ec741Um

Issued also from Atlanta, Baltimore, Boston, Chicago, Cincinnati, Cleveland, Dallas, Denver, Detroit, Fort Worth, Jackson, Miss., Kansas City, Mo., Los Angeles, Minneapolis, New Orleans, New York, Oakland, Philadelphia, Pittsburgh, Portland, Oreg., St. Louis, St. Paul, San Francisco, and Seattle.

Titles vary slightly.

CHARGES against sugar quotas. Monthly. 1.956 Su3C37

COLD storage report. Monthly. 1.9422 A8C67

COMMERCIAL grain stocks report. Weekly. 1.9 Ec742Cg
Issued also from Chicago, Kansas City, Minneapolis, Portland, Oreg., and San Francisco.

CORN market summary. Quarterly. Chicago. 1.956 G76C812
Issued also from Kansas City, Minneapolis, Portland, Oreg., and San Francisco.

COTTON price statistics. Monthly. 1.9422 C4C82

COTTON quality report. Semimonthly. 1.9422 C8C824
Released from Washington for the whole Cotton Belt and from Atlanta, Memphis, Dallas, and Bakersfield.

COTTON quotations—ten designated spot markets. Daily. Memphis. 1.9 Ec733Ba

COTTONSEED review. Weekly. Atlanta. 1.9 Ec733Wcr
Issued also from Dallas and Memphis.

DAILY alfalfa market review. Los Angeles. 1.956 A2D144

DAILY fruit and vegetable market report. 1.9 Ec741Mi
Issued from Asheville, Atlanta, Bakersfield, Baltimore, Baton Rouge, Birmingham, Boston, Chicago, Cincinnati, Cleveland, Columbus, Denver, Detroit, Fresno, Jackson, Jacksonville, Kansas City, Mo., Little Rock, Los Angeles, Madison, Minneapolis, Montgomery, New Orleans, New York, Oklahoma City, Philadelphia, Pittsburgh, Portland, Oreg., Raleigh, Richmond, St. Louis, St. Paul, Sacramento, San Francisco, Santa Maria, Seattle, and Yakima.

DAILY livestock market report. Chicago. 1.9 Ec742Da
Issued also from Indianapolis, National Stock Yards, Ill., and South St. Paul.
Reports are also issued Monday, Tuesday, Wednesday, and Thursday from Denver, Fort Worth, Kansas City, Los Angeles, Omaha, and New York, the last a summary of six major livestock markets; Monday, Wednesday, and Thursday from Montgomery and Stockton; Monday and Thursday from Baltimore, Billings, Detroit, Nashville, North Portland, Oreg., Ogden (including North Salt Lake City), San Antonio, San Francisco, and Spokane.

DAILY market report (dairy and poultry products). 1.9 M34Da
Issued from Atlanta, Baltimore, Birmingham, Boston, Chicago, Cincinnati, Cleveland, Columbus, Denver, Des Moines, Detroit, Fresno, Jackson, Miss., Little Rock, Los Angeles, Louisville, Madison, Montgomery, New Orleans, New York, Philadelphia, Pittsburgh, Portland, Oreg., St. Louis, San Francisco, and Seattle.

DAILY naval stores market report. Savannah. 1.956 A2D1483

DAILY poultry market report. New York. 1.9422 Po8D14

DAILY report of meat trade conditions and wholesale quotations local and Western dressed meats. New York. 1.9 Ec742Dm
Weekly report also issued.

DAILY special grass cattle market report. Issued from mid-July to Nov. 15. Ogden, Utah. 1.9 Ec713Spe
Issued also from Denver, Fort Worth, North Portland, Oreg., and San Francisco.

DAILY turkey market report. Seasonal. Chicago. 1.956 A2Sp34
Issued also from Boston, Cleveland, Detroit, New York, Philadelphia, Portland, Seattle, and St. Louis.

DISTILLERS' dried grain production. Monthly. 1.9 Ec712Dis

ESTIMATED grade and staple length of upland cotton ginned in the United States. Biweekly during season. Memphis. 1.9422 C8G752

FACTORS in food. Weekly. San Francisco. 1.9422 A8W19

FARM and food news. Weekly. New York. 1.956 A2F22
Issued also from Atlanta, Chicago, Dallas, and San Francisco.

FARM marketing shorts; PMA radio spots for announcers. Weekly. Dallas. 1.956 A2F222

THE FARMERS weekly cotton price report. Weekly during active marketing season. Memphis. 1.9422 C8W41
Issued also from Atlanta and Dallas.

FEED market summary. Quarterly. 1.956 G76F322
Issued also from Chicago, Kansas City, Mo., Los Angeles, Minneapolis, Portland, Oreg., and San Francisco.

FLAXSEED market summary. Quarterly. Minneapolis. 1.9422 G8F61
Issued also from San Francisco.

FOOD in the news. Weekly. Dallas. 1.956 A2F734

FOOD marketing newsletter. Weekly. Chicago. 1.956 A2F738
Issued also from New York.

FOOD review. Weekly. Atlanta. 1.9422 A8F733

FOOD supplies and markets. Weekly. New York. 1.956 A2F733

FOODS in plentiful supply. Monthly. Atlanta. 1.956 A2F736
Issued also from New York, Chicago, San Francisco, and Dallas.

GRAIN inspections: wheat, inspected receipts and shipments by classes. Monthly. Portland, Oreg. 1.956 G76G763

GUM NAVAL stores monthly summary. Savannah. 1.9597 T55

HOG MARKET report. Daily. Thomasville, Ga. 1.9 Ec742Da

HOP MARKET review. Monthly; weekly during marketing season. Portland, Oreg. 1.9 Ec712Hop
Issued also from San Francisco.

IMPORTS of agricultural seeds admitted into the United States under the Federal Seed Act. Monthly. 1.956 A2Im7

IMPORTS of vegetable seeds admitted into the United States under the Federal Seed Act. Monthly. 1.956 A2Im72

INSPECTED receipts of soybeans. Monthly. 1.9422 V8So9

LICENSES issued under P. A. C. A. (Abs.) Irregular. 1.9 Ec741Ab

LIVESTOCK market news—reviews and statistics. Weekly. 1.9 Ec713Ma

MARKETING activities. Monthly. 1.942 A8M34

MIDWEST market basket. Weekly. Chicago. 1.956 A2M582

MINIMUM class prices and uniform pool prices under fluid milk orders, f.o.b. marketing area. Monthly. 1.956 D14M66

MONTHLY cold storage report—total U. S. stocks [dairy and poultry]. 1.9422 D8C76
Issued also from Atlanta, Boston, Chicago, Los Angeles, New York, Philadelphia, Portland, Oreg., San Francisco, Seattle, and St. Louis.

MONTHLY deliveries of sugar by States. 1.956 A2M768

MONTHLY domestic dairy markets review. 1.9 Ec724Do
Statistical supplements issued also.

MONTHLY egg and poultry markets review. 1.9 Ec724Ep
Statistical supplements issued also.

MONTHLY milk and cream report of receipts. Philadelphia. 1.956 A2M764
Issued also from Boston and New York.

MONTHLY origin of receipts by States [of butter, cheese, eggs, and poultry]. Chicago. 1.9 Ec742Or
Issued also from Boston, Baltimore, Los Angeles, New York, St. Louis, Philadelphia, San Francisco, Atlanta, Cincinnati, Cleveland, Detroit, and New Orleans.

MONTHLY review of the Boston wool market. Boston. 1.9 Ec742Mrw

NORTHEAST farm market review. Weekly. New York. 1.956 A2N81

OATS market summary. Quarterly. Chicago. 1.956 G7608
Issued also from Minneapolis, Kansas City, Portland, Oreg., and San Francisco.

P. AND S. docket; a monthly report of action taken on cases arising under the Packers and Stockyards Act. 1.942 L8P12

PLENTIFUL foods; monthly list. Chicago. 1.956 A2P712
Issued also from Atlanta, Dallas, New York, and San Francisco.

PLENTIFUL foods spots. Weekly. Atlanta. 1.956 A2P715
Issued also from New York.

PRICES of crude pine gum. Weekly. Savannah. 1.956 T55P93

PRIMARY sugar distribution. Weekly. 1.956 Su3P93

PURCHASE report [of agricultrual products]. Irregular. 1.9422 A8In3

RECEIPTS and disposition of livestock at 64 public markets. Monthly. 1.9422 L8R24

RECEIPTS of dressed meats. Weekly. New York. 1.9596 L75

REPORT of meat trade conditions and wholesale quotations. Weekly. Chicago. 1.9 Ec742Dm

RICE, stocks and movement (Southern and California). Monthly. 1.9 Ec712Ri
Issued also from San Francisco.

RYE MARKET summary. Quarterly. Chicago. 1.956 A2R98
Issued also from Minneapolis.

SALES report [of agricultural products]. Irregular. 1.9422 A8Is7

SEMIMONTHLY honey report. 1.9 M34Ho

SEMIWEEKLY market report (Federal-State) [egg and poultry prices]. Montgomery, Ala. 1.956 D14Se5
Issued also from Des Moines.

SEMIWEEKLY review of meat trade conditions. San Francisco. 1.956 A2Se52

SOUTHERN farm market summary. Weekly. Atlanta. 1.9422 A8So8

SOYBEAN market summary. Quarterly. 1.956 G76So9
Issued also from Chicago and Kansas City.

[SPECIAL commodity reports.] Daily, seasonal.
Detailed shipment and market information for fruits and vegetables, including apples, asparagus, beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, cherries, citrus fruits, corn, cucumbers, grapes, lettuce, onions, peaches, pears, peppers, plums & fresh prunes, potatoes, spinach, squash, strawberries, sweetpotatoes, tomatoes, and watermelons. Issued from about 42 seasonal field stations.

STATISTICS for Federal order markets. Monthly. 1.956 D14St2

STOCKER and feeder report. Weekly. Omaha. 1.9422 L8F32
Issued also from Kansas City, Mo., Sioux City, and South St. Paul.

SUGAR deliveries by States. Weekly. 1.956 A2M768

SUGAR reports. Quarterly. 1.956 Su3Su33

SUGAR statistics. Monthly. 1.94 Su3Ss

SUMMARIES of decisions by the Secretary of Agriculture on complaints filed under the Perishable Agricultural Commodities Act. Irregular. 1.9 Ec7Pesd

SUMMARY of egg and poultry markets. Weekly. Chicago. 1.9422 Po8Su6
Issued also from Boston, Philadelphia, Portland, Oreg., San Francisco, and Seattle.

SUMMARY of "invisible" sugar supplies in the United States. Quarterly. 1.956 A2In8

TERMINATED P. A. C. A. licenses. Irregular. 1.9422 A8T27

TOBACCO market news report. Daily and weekly.
Burley: Type 31. Reported from Louisville. 1.9 Ec714Wtr
Dark air-cured: Types 35 and 36. Reported from Lexington. 1.9 Ec714We
Fire-cured: Type 21. Reported from Raleigh. 1.9 Ec714Wtm
Fire-cured: Types 22 and 23. Reported from Lexington. 1.9 Ec714Dc
Flue-cured: Types 11 (a), 11 (b), 12, 13, and 14. Reported from Raleigh. 1.9 Ec714Wtm
Light air-cured: Type 31. Reported from Lexington. 1.9 Ec714T
Sun-cured: Type 37. Reported from Raleigh. 1.9422 T8W41
Season, special, and supplemental reports are also issued.

TOBACCO stock report. Quarterly. 1.9 Ec714

UNFINISHED cotton cloth prices, cotton prices, and mill margins. Monthly. 1.942 C7Un2

USDA food bulletin. Irregular. New York. 1.956 F94Un33
Issued also from Cincinnati.

USDA meat production report. Weekly. 1.956 A2Un33

WEEKLY alfalfa market review. Los Angeles. 1.9422 G8A12L
Issued also from Portland, Oreg.

WEEKLY cotton linters review. 1.9 Ec733We

WEEKLY cotton market review. Memphis. 1.9 Ec733Cm

WEEKLY cotton market review (each of four areas). Atlanta. 1.9 Ec733Ws
Issued also from Dallas, Bakersfield, and Memphis.

WEEKLY dairy markets review. Chicago. 1.9 M34Mb
Issued also from Los Angeles, New York, Portland, Oreg., San Francisco, and Seattle.

WEEKLY feed market review. 1.9 Ec712Fm
Issued also from Chicago, Kansas City, Mo., Los Angeles, Minneapolis, Portland, Oreg., and San Francisco; also issued by Federal-State Market News Service at Frankfort, Ky., and Jackson, Miss.

WEEKLY grain market review. 1.9 Ec72W
Issued from Chicago, Kansas City, Mo., Minneapolis, Portland, Oreg., and San Francisco.

WEEKLY hay market review. Kansas City, Mo. 1.9 Ec712AL

WEEKLY interior Iowa and southern Minnesota hog market report. Des Moines. 1.9596 L75

WEEKLY livestock market review. 1.9 Ec742Wr
Issued from Atlanta, Billings, Mont., Chicago, Cincinnati, Denver, Detroit, Fort Worth, Indianapolis, Kansas City, Mo., Los Angeles, Louisville, Montgomery, Nashville, National Stock Yards, Ill., North Portland, Oreg., Ogden, Oklahoma City, Omaha, Peoria, San Antonio, San Francisco, Sioux City, South St. Joseph, South St. Paul, Spokane, Stockton, Thomasville, and Wichita.

WEEKLY livestock statistical report. Chicago. 1.9 Ec742L

WEEKLY milk and cream report. New York. 1.9 Ec724W
Issued also from Boston and Philadelphia.

WEEKLY molasses market report. 1.956 Su3W41

WEEKLY Pacific and western livestock and meat trade review. San Francisco. 1.9596 L75
Issued also from Ogden, North Portland, Oreg., and Los Angeles.

WEEKLY peanut report. 1.9 Ec742P

WEEKLY pine gum report. Savannah. 1.9597 T55

WEEKLY primary market report [gum turpentine and rosin]. Savannah. 1.9597 T55

WEEKLY range sales report. Denver. 1.9596 L75

WEEKLY review of meat trade conditions. New York. 1.9 M34We

WEEKLY review of meat trade conditions—locally dressed meats. New York. 1.9596 L75

WEEKLY review of the Boston wool market. Boston. 1.9 Ec742Wo

WEEKLY review of wholesale meat trade conditions. Chicago. 1.9596 L75
Issued also from North Portland, Oreg., Philadelphia, and Los Angeles.

WEEKLY review of wool statistics. Boston. 1.9 Ec742We

WEEKLY rice market review. 1.9 Ec712R
Issued also from Baton Rouge, Little Rock, and San Francisco.

WEEKLY sheep and lamb market report. Des Moines. 1.9 Ec742Da

WEEKLY slaughter under Federal inspection at 32 selected centers. Chicago. 1.9422 L8SL1

WEEKLY summary of carlot shipments [of fruits and vegetables]. 1.9 Ec742W

WESTERN area PMA summary. Weekly. San Francisco. 1.956 A2W52

WESTERN sheep and lamb contract report. Weekly. San Francisco. 1.9 Ec742Sp
Issued from Chicago, Denver, Fort Worth, Kansas City, Mo., North Portland, Oreg., Ogden, Omaha, and South St. Paul.

WHEAT market summary. Quarterly. Chicago. 1.956 G76W563
Issued also from Kansas City, Mo., Minneapolis, Portland, Oreg., and San Francisco.

RURAL ELECTRIFICATION ADMINISTRATION

U. S. RURAL ELECTIRFICATION ADMIN. Co-op membership administration; a factor essential to co-op success. Washington,1952. 5 p. 1.933 C787

U. S. RURAL ELECTRIFICATION ADMIN. Cooperatives in the United States. Washington,1952. 1 p. 1.933 C786

U. S. RURAL ELECTRIFICATION ADMIN. Graphic summary of the rural electrification and rural telephone programs. Washington,1952. 35 p. 1.933 G764

U. S. RURAL ELECTRIFICATION ADMIN. Subject matter for grain and hay drying training school for electrification advisers. Washington,1952. 57 p. 1.933 Su13

Periodicals

MONTHLY statistical bulletin. 1.933 M76

MONTHLY statistical bulletin; rural telephone program. 1.933 M762

PROGRESS report on electric farming campaign. Irregular. 1.933 P9428

QUARTERLY technical standards digest. 1.933 Q2

RURAL electrification news. Bimonthly. 173.2 R88Ru

SUMMARY REA pole inspection; totals by kinds of wood. Monthly. 1.933 Su62

SECRETARY, OFFICE OF

BRANNAN, C. F. Grass; nature's benediction. Washington,U. S. D. A., Off. Sec.,1952. 5 p. 1.91 A2B73
Talk to the Sixth International Grassland Congress, State College, Pa., Aug. 18, 1952.

HUTCHINSON, K. T. Developing our total resources. Washington,U. S. D. A.,Off. Sec.,1952. 10 p. 1.91 A2H97
Talk to Missouri Basin Inter-Agency Committee, Denver, Aug. 20, 1952.

MCCORMICK, C. J. Accepting the challenge. Washington,U. S. D. A., Off. Sec.,1952. 11 p. 1.91 A2M132
Talk at dedication of St. Croix County USDA Building, Baldwin, Wis., July 31, 1952.

MCCORMICK, C. J. Building for the future. Washington,U. S. D. A.,Off. Sec.,1952. 11 p. 1.91 A2M132
Talk before Arkansas State Farmers Union Convention, Little Rock, Aug. 16, 1952, on programs to aid agriculture.

MCCORMICK, C. J. Facing our problems. Washington,U. S. D. A., Off. Sec.,1952. 12 p. 1.91 A2M132
Talk to State PMA Meeting, Savannah, Ga., Aug. 27, 1952.

MCCORMICK, C. J. There's more to be done. Washington,U. S. D. A., Off. Sec.,1952. 15 p. 1.91 A2M132
Talk to State PMA Meeting, Stillwater, Okla., Aug. 28, 1952.

SOIL CONSERVATION SERVICE

SALTER, R. M. Conservation and improvement of soil and water resources with grass. Washington, U. S. Soil Conserv. Serv.1952. 10 p. 1.965 A2Sa3
Paper presented at plenary session, Sixth International Grassland Congress, State College, Pa., Aug. 19, 1952.

SALTER, R. M. Doing the conservation job together. Washington,U. S. Soil Conserv. Serv.,1952. 17 p. 1.965 A2Sa3
Talk at a joint meeting of U. S. Department of Agriculture agencies, Manhattan, June 6, 1952.

U. S. SOIL CONSERVATION. SERV. Tables for 1952 agricultural statistics. Washington,1952? 17 p. 1.96 Ad6Ta

Periodicals

FEDERAL-STATE cooperative snow surveys and irrigation water forecasts for Arizona. Irregular. 1.96 R31Sn
Also for Colorado River Drainage Basin. 1.96 R31Fsc
Columbia Basin. 1.96 R31Fs
Montana and northern Wyoming, upper Missouri, and upper Columbia and Yellowstone Rivers. 1.96 R31Fsmo
Nevada. 1.96 R31Fsn
Oregon. 1.96 R31Fso
Platte and Arkansas Drainage Basins. 1.96 R31Fsm
Rio Grande Drainage Basin. 1.96 R31Fsr

SOIL conservation; official organ of the Soil Conservation Service. Monthly. 1.6 So3S

SOLICITOR, OFFICE OF

Periodicals

PPINIONS of the Solicitor. Index-digest. Irregular. 1.9 S0450

STATE AGRICULTURAL EXPERIMENT STATION PUBLICATIONS

Includes State Agricultural Experiment Station publications received in the library during the preceding month.

Publications issued by the State Agricultural Experiment Stations are not available from the U. S. Department of Agriculture but are often available from the publishing experiment station

Material not available from the various State institutions may be obtained in microfilm or photoprint form from the U. S. Department of Agriculture Library for the cost of reproduction.

Arizona Agricultural Experiment Station, Tucson

HILLMAN, J. S., and ROWELL, J. D. A summary of laws relating to the interstate movement of agricultural products in the eleven Western States. Ariz. Agr. Expt. Sta. Mimeog. Rpt. 109,105 p. May 1952. 100 Ar4M

Arkansas Agricultural Experiment Station, Fayetteville

MINER, F. D. Biology of the prairie white grub, Phyllophaga crassissima. Ark. Agr. Expt. Sta. B. 521,73 p. Ref. June 1952. 100 Ar42

BEACHER, R. L. Rice fertilization; results of tests from 1946 through 1951. Ark. Agr. Expt. Sta. B. 522,31 p. June 1952. 100 Ar42

STEPHENSON, E. L., NOLAND, P. R., and CAMP, A. A. Cottonseed meal in swine nutrition. Ark. Agr. Expt. Sta. B. 523,18 p. Ref. June 1952. 100 Ar42

MEENEN, H. J. Supply and utilization of milk sold in Arkansas. Ark. Agr. Expt. Sta. B. 524,61 p. June 1952. 100 Ar42

ADAIR, C. R., and CRALLEY, E. M. Rice breeding and disease control studies in Arkansas, 1940 to 1950. Ark. Agr. Expt. Sta. B. 525,23 p. June 1952. 100 Ar42

SLUSHER, M. W., and MULLINS, T. Rice mill yield and grade in relation to variety and method of harvest. Ark. Agr. Expt. Sta. B. 526,36 p. June 1952. 100 Ar42

WARE, J. O. Origin and performance of principal cotton varieties in Arkansas. Ark. Agr. Expt. Sta. B. 527,65 p. June 1952. 100 Ar42

California Agricultural Experiment Station, Berkeley

CALIFORNIA agriculture 6(7),16 p. July 1952. 100 C12Cag

HILGARDIA 21:382-513. May-Aug.1952. 100 C12H

Colorado Agricultural Experiment Station, Fort Collins

CASE, S. G., STANEK, M., and OSBORN, L. L. Outdoor cookery. Colo. Agr. Expt. Sta. B. 421-A,24 p. May 1952. 275.29 C71E

KUNKEL, R., and others. The mechanical separation of potatoes into gravity groups. Colo. Agr. Expt. Sta. B. 422-A,40 p. Ref. May 1952. 275.29 C71E

P. F. Gifford, A. D. Edgar, and A. M. Binkley, joint authors.

Connecticut (State) Agricultural Experiment Station, New Haven

DIMOND, A. E., and others. Plant chemotherapy as evaluated by the Fusarium wilt assay on tomatoes. Conn. (State) Agr. Expt. Sta. B. 557,82 p. Ref. Apr.1952. 100 C76St

D. Davis, R. A. Chapman, and E. M. Stoddard, joint authors.

SWANBACK, T. R. The nitrogen fertilization of Connecticut tobacco. Conn. (State) Agr. Expt. Sta. B. 559,23 p. Ref. June 1952. 100 C76St

PACK, A. B., and JUNNILA, W. A. The principles of curing Broadleaf and Havana seed tobaccos. Conn. (State) Agr. Expt. Sta. C. 183,27 p. July 1952. 100 C76St

Connecticut (Storrs) Agricultural Experiment Station, Storrs

SEAVER, S. K., and KING, R. A. Competitive position of the Connecticut poultry industry. 3. Marketing eggs through wholesale channels. Conn. (Storrs) Agr. Expt. Sta. B. 269,27 p. Nov.1951. 100 C76S

PLASTRIDGE, W. N., and others. Vibriosis in cattle. Conn. (Storrs) Agr. Expt. Sta. B. 281,54 p. Ref. Dec.1951. 100 C76S

L. F. Williams, H. L. Easterbrooks, E. C. Walker, and R. N. Beccia, joint authors.

KAWASAKI, D., WILDASIN, H. L., and ANDERSON, E. O. A modification of the Babcock test for chocolate milk employing quaternary ammonium compounds. Conn. (Storrs) Agr. Expt. Sta. B. 282,16 p. Nov.1951. 100 C76S

FELLOWS, I. F., FRICK, G. E., and WEEKS, S. B. Production efficiency on New England dairy farms. 1. A preliminary appraisal of cost reduction opportunities. Conn. (Storrs) Agr. Expt. Sta. B. 283,51 p. Jan. 1952. 100 C76S

SINGSEN, E. P., MATTERSON, L. D., and KOZEFF, A. A high efficiency ration for laying and breeding hens. Conn. (Storrs) Agr. Expt. Sta. B. 286, 11 p. Apr.1952. 100 C76S

Delaware Agricultural Experiment Station, Newark

HEUBERGER, J. W. Organic and copper fungicides for potatoes and their compatibility with DDT. Del. Agr. Expt. Sta. B. 274,18 p. Ref. n.d. 100 D37S

Florida Agricultural Experiment Station, Gainesville

NETTLES, V. F., JAMISON, F. S., and JANES, B. E. Irrigation and other cultural studies with cabbage, sweet corn, snap beans, onions, tomatoes and cucumbers. Fla. Agr. Expt. Sta. B. 495,26 p. Ref. June 1952. 100 F66S

KILLINGER, G. B., and HAYNIE, J. D. Honeybees and other factors in Florida's legume program. Fla. Agr. Expt. Sta. B. 497,14 p. June 1952. 100 F66S

Georgia Agricultural Experiment Station, Experiment

BROOKS, O. L., and MCKINNEY, W. H. Progress report on the management and utilization of feed production systems. Ga. Agr. Expt. Sta. Press B. 639,5 p. Aug.1952. 100 G29P

BAILEY, W. K., and PICKETT, T. A. Sunlight can damage peanuts during curing. Ga. Agr. Expt. Sta. Press B. 640,1 p. Aug.1952. 100 G29P

GEORGIA. STATE COLLEGE OF AGRICULTURE. Annual report, experiment stations, 1950-51. Experiment,1951? 76 p. 276 G29Ar

Hawaii Agricultural Experiment Station, Honolulu

NORDFELDT, S., and others. Feeding tests with Indigofera endecaphylla Jacq. (creeping indigo) and some observations on its poisonous effects on domestic animals. Hawaii. Agr. Expt. Sta. Tech. B. 15,23 p. Ref. July 1952. 100 H313T

L. A. Henke, K. Morita, H. Matsumoto, M. Takahashi, O. R. Younge, E. H. Willers and R. F. Cross, joint authors.

Idaho Agricultural Experiment Station, Moscow

MARKESON, C. B. Hay harvesting—time, labor, and cost vary with harvesting methods. Idaho. Agr. Expt. Sta. C. 120,12 p. Aug.1952. 100 Id1

HELTON, A. W. Controlling Coryneum blight of stone fruits. Idaho. Agr. Expt. Sta. Mimeog. L. 120, 2 p. Aug.12,1952. 100 Id12

Iowa Agricultural Experiment Station, Ames

FRAZER, J. R., NIELSEN, V. H., and NORD, J. D. The cost of manufacturing butter. A study based on data from 13 Iowa creameries. Iowa. Agr. Expt. Sta. Res. B. 389:783-860. June 1952. 100 Io9

Kansas Agricultural Experiment Station, Manhattan

FARRELL, F. D. Kansas rural institutions. VIII. Livestock auction. Kans. Agr. Expt. Sta. C. 286, 36 p. July 1952. 100 K13S

Kentucky Agricultural Experiment Station, Lexington

RUDD, R. W. An analysis of feeder pig prices. in central Kentucky. Ky. Agr. Expt. Sta. B. 584,58 p. Apr.1952. 100 K41

ROBERTS, J. B. Graded egg purchasing in Kentucky. Ky. Agr. Expt. Sta. B. 585,24 p. May 1952. 100 K41

HARDEE, J. G., and BAUDER, W. W. Town-country relations in special-interest organizations, four selected Kentucky counties. Ky. Agr. Expt. Sta. B. 586, 36 p. June 1952. 100 K41

KENTUCKY. AGRICULTURAL EXPERIMENT STATION. Seed inspection in Kentucky, 1951-52. Ky. Agr. Expt. Sta. Regulat. B. 98,75 p. May 1952. 100 K41

Maine Agricultural Experiment Station, Orono

TERMAN, G. L., PLUMMER, B. E., JR., and FOLSOM, D. Some effects of arsenical vine killers on potatoes and oats. Maine. Agr. Expt. Sta. B. 501,11 p. May 1952. 100 M28S

SIMPSON, G. W., and others. Procedure in field testing potato seedlings for leafroll resistance. Maine. Agr. Expt. Sta. B. 502,14 p. Ref. May 1952. 100 M28S

R. Bonde, D. Merriam, D. F. Akeley, F. E. Manzer, and C. L. Hovey, joint authors.

Maryland Agricultural Experiment Station, College Park

GUYER, R. B., and KRAMER, A. Studies of factors affecting the quality of green and wax beans. Md. Agr. Expt. Sta. B. A68,44 p. Ref. n.d. 100 M36S

HOUSER, P. M., GALLOWAY, R. E., and HOFFSOMMER, H. Rural reading habits; a study of county library planning, Prince Georges County, Md. Md. Agr. Expt. Sta. B. A69,31 p. n.d. 100 M36S

SMITH, H., and TROWER, J. Relation of various egg-marketing methods to producer returns in Maryland. Md. Agr. Expt. Sta. B. A70,29 p. n.d. 100 M36S

CORY, E. N., DITMAN, L. P., and LLOYD, G. W. Studies on the European corn borer [Pyrausta nubilalis] corn earworm [Heliothis armigera] and fall armyworm [Laphygma frugiperda] on sweet corn. Md. Agr. Expt. Sta. B. A71,20 p. Ref. n.d. 100 M36S

Massachusetts Agricultural Experiment Station, Amherst

FRANKLIN, H. J. Cranberry insects in Massachusetts. Mass. Agr. Expt. Sta. B. 445(sup.),15 p. June 1952. 100 M38H

MASSACHUSETTS. AGRICULTURAL EXPERIMENT STATION. Annual report for the fiscal year ending June 30, 1951. Mass. Agr. Expt. Sta. B. 466,62 p. Sept.1951. 100 M38H

Michigan Agricultural Experiment Station, East Lansing

NORTH-CENTRAL REGIONAL FRUIT AND VEGETABLE TECHNICAL COMMITTEE. Studies in Midwest apple marketing. Mich. Agr. Expt. Sta. Spec. B. 378,75 p. June 1952. 100 M58S

Minnesota Agricultural Experiment Station, University Farm, St. Paul

NORTH CENTRAL LIVESTOCK MARKETING RESEARCH COMMITTEE. Objective carcass grade standards for slaughter hogs. Minn. Agr. Expt. Sta. B. 414,53 p. June 1952. 100 M66

Mississippi Agricultural Experiment Station, State College

JENKINS, L. P. Operating policies and practices of cooperative purchasing associations in Mississippi. Miss. Agr. Expt. Sta. B. 491,38 p. June 1952. 100 M69

MISSISSIPPI farm research 15(8),8 p. Aug. 1952. 100 M69Mi

Missouri Agricultural Experiment Station, Columbia

MAHARG, L. G., and MANGEL, M. Using nonfat dry milk solids in home prepared foods. I. Quick breads and cookies. Mo. Agr. Expt. Sta. B. 571,16 p. Mar.1952. 100 M693

HEMPHILL, D. D. A new chemical for weed control in strawberries. Mo. Agr. Expt. Sta. B. 573,3 p. Mar.1952. 100 M693

RODABAUGH, D. E., COMFORT, J. E., and ELDER, C. Brucellosis with a control plan for beef cattle. Mo. Agr. Expt. Sta. B. 575,12 p. Apr.1952. 100 M693

HEMPHILL, D. D. Performance of new strawberry varieties in Missouri. Mo. Agr. Expt. Sta. B. 576,4 p. June 1952. 100 M693

MILLER, M. F. Water and its conservation. Mo. Agr. Expt. Sta. B. 577,40 p. June 1952. 100 M693

HAIGH, L. D. The chemical analysis of grass, silage, hay, straw, concentrates, and miscellaneous feedstuffs. Mo. Agr. Expt. Sta. B. 579,18 p. June 1952. 100 M693

ZUBER, M. S. Hybrid seed corn production in Missouri. Mo. Agr. Expt. Sta. B. 580,22 p. June 1952. 100 M693

BLINCOE, C., and BRODY, S. Environmental physiology with special reference to domestic animals. XVII. The influence of temperature on blood composition of cattle. Mo. Agr. Expt. Sta. Res. B. 488,44 p. Nov. 1951. 100 M693

THOMPSON, H. J., WORSTELL, D. M., and BRODY, S. Environmental physiology with special reference to domestic animals. XVIII. Influence of environmental temperature, 0° to 105° F, on hair and skin temperature of Holstein, Jersey, Brown Swiss, and Brahman cattle, with notes on the thermal properties of hair and skin. Mo. Agr. Expt. Sta. Res. B. 489,24 p. Jan.1952. 100 M693

Nebraska Agricultural Experiment Station, Lincoln

DREIER, A. F., JOHNSON, V. A., and EHLERS, P. L. Nebraska varietal tests of fall-sown small grains, 1952—winter wheat, winter barley, rye. Nebr. Agr. Expt. Sta. Outstate Testing C. 22,16 p. Aug.1952. 100 N27O

Nevada Agricultural Experiment Station, Reno

ROBERTSON, J. H. Forage grasses for hay and pasture. II. Intermediate wheatgrass [Agropyron] varieties. Nev. Agr. Expt. Sta. C. 2,4 p. May 1952. 100 N41S

ROBERTSON, J. H. Forage grasses for hay and pasture. III. Slender wheatgrasses, timothies and other rapid-growing short-lived grass[illegible]ev. Agr. Expt. Sta. C. 3,5 p. July 1952. 100

New Mexico Agricultural Experiment Station, State College

PINGREY, H. B., and STEPHENS, W. P. Farm profits, Tucumcari Irrigation Project, 1951. N. Mex. Agr. Expt. Sta. Press B. 1071,28 p. July 1952. 100 N465

BUCHANAN, D. E. Preliminary soils investigation of the Columbus area, New Mexico. N. Mex. Agr. Expt. Sta. Press B. 1072,17 p. Aug.1952. 100 N465

PINGREY, H. B., and STEPHENS, W. P. Cost of producing whole milk, Tucumcari Irrigation Project, 1951. N. Mex. Agr. Expt. Sta. Press B. 1073,12 p. Aug. 1952. 100 N465

North Carolina Agricultural Experiment Station, State College Station, Raleigh

WILKENING, E. A. Acceptance of improved farm practices in three Coastal Plain counties. N. C. Agr. Expt. Sta. Tech. B. 98,75 p. May 1952. 100 N81

North Dakota Agricultural Experiment Station, State College Station, Fargo

BIMONTHLY bulletin 14:213-246. July/Aug. 1952. 100 N813B

Oklahoma Agricultural Experiment Station, Stillwater

GARTON, J. E. A graphic method of finding the depth of irrigation water applied. Okla. Agr. Expt. Sta. B. B-368,4 p. Apr.1951. 100 Ok4

ROSS, O. B., and others. The value of mung-beans for fattening calves. Okla. Agr. Expt. Sta. B. B-370,7 p. May 1951. 100 Ok4

A. E. Darlow, R. W. MacVicar, and D. F. Stephens, joint authors.

Oregon Agricultural Experiment Station, Corvallis

YANG, H. Y., and WIEGAND, E. H. Home processing of fruit & vegetable juices. Oreg. Agr. Expt. Sta. B. 515,23 p. June 1952. 100 Or3

KUHLMAN, G. W. Cost of producing filberts in the Willamette Valley, Oregon. Oreg. Agr. Expt. Sta. B. 517,47 p. June 1952. 100 Or3

KUHLMAN, G. W. Cost of producing walnuts in Oregon. Oreg. Agr. Expt. Sta. B. 518,47 p. June 1952. 100 Or3

OREGON. STATE COLLEGE. Farm crops; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 12,61 p. Aug.1952. 100 Or3O

OREGON. STATE COLLEGE. Fur farming; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 14,11 p. Aug.1952. 100 Or3O

OREGON. STATE COLLEGE. Horticulture; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 15,22 p. Aug.1952. 100

OREGON. STATE COLLEGE. Land economics; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 16,21 p. Aug.1952. 100 Or3O

OREGON. STATE COLLEGE. Livestock; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 17,23 p. Aug. 1952. 100 Or3O

OREGON. STATE COLLEGE. Soil and water resources; an appraisal of the problems and a statement of recommendations. Oreg. Agr. Expt. Sta. Oreg. Agr. 20,30 p. Aug.1952. 100 Or3O

Pennsylvania Agricultural Experiment Station, State College

SPRAGUE, V. G., ROBINSON, R. R., and GARBER, R. J. Management of grasslands in the Northeastern States. Pa. Agr. Expt. Sta. B. 554,30 p. Ref. July 1952. 100 P381

SPRAGUE, V. G., and others. Five legume-grass associations for silage and aftermath grazing for dairy cows. Pa. Agr. Expt. Sta. B. 555,10 p. Aug.1952. 100 P381

P. S. Williams, C. B. Knodt, E. M. Kesler, and A. L. Haskins, joint authors.

MAW, A. J. G. Uniformity of type in broilers; effect of breeding on broiler size and type. Pa. Agr. Expt. Sta. Prog. Rpt. 80,4 p. June 1952. 100 P381P

BRAMBLE, W. C., and BYRNES, W. R. Natural growth zones in Pennsylvania in relation to varietal testing of Douglas fir [Pseudotsuga taxifolia]. Pa. Agr. Expt. Sta. Prog. Rpt. 81,4 p. July 1952. 100 P381P

MOWERY, A. S. Smoke generator for tracing air movements in ventilated structures. Pa. Agr. Expt. Sta. Prog. Rpt. 82,3 p. June 1952. 100 P381P

MYERS, E. A. A field plot irrigator. Pa. Agr. Expt. Sta. Prog. Rpt. 83,4 p. Aug.1952. 100 P381P

Puerto Rico Agricultural Experiment Station, Rio Piedras

RIOLLANO, A. Nuevas variedades de caña de azucar. P. R. (Rio Piedras) Agr. Expt. Sta. B. 91, 102 p. Aug.1951. 100 P83

GONZÁLEZ CHAPEL, A., and CABRERA, J. I. Los cruzamientos en la crianza de cerdos en Puerto Rico. P. R. (Rio Piedras) Agr. Expt. Sta. B. 95,54 p. Ref. Sept.1951. 100 P83

PIÑERO, M., and SERRA, G. Estudio economico sobre la elaboracion y enlatado de algunos productos agricolas, Puerto Rico, 1946-47. P. R. (Rio Piedras) Agr. Expt. Sta. B. 101,21 p. Jan.1952. 100 P83

South Carolina Agricultural Experiment Station, Clemson

EVANS, C. D. Indexes of agricultural production in South Carolina. S. C. Agr. Expt. Sta. B. 398,29 p. Oct.1951. 100 So8

MILES, J. F. Seasonality of purchases and sales of milk in South Carolina. S. C. Agr. Expt. Sta. B. 400,29 p. June 1952. 100 So8

MILES, J. F. Facts about dairying in South Carolina. S. C. Agr. Expt. Sta. C. 83,35 p. Jan.1952. 100 So8

ALBERT, W. B., POWERS, M. R., and BLAND, H. E. Suggested procedures for chemical weed control in cotton for 1952. S. C. Agr. Expt. Sta. C. 84,16 p. Feb. 1952. 100 So8

PETERSON, W. H., and AULL, G. H. The composition of farm income in South Carolina, 1924-50. S. C. Agr. Expt. Sta. C. 85,30 p. Apr.1952. 100 So8

BOYD, V. A. Rental arrangements on tractor and non-tractor farms in the Southern Piedmont. South. Coop. Ser. B. 21,30 p. Jan.1952. 100 G29So

South Dakota Agricultural Experiment Station, Brookings

JOHNSON, L. E., MOXON, A. L., and SMITH, R. L. Wintering beef cows on South Dakota ranges. S. Dak. Agr. Expt. Sta. B. 419,26 p. May 1952. 100 So82

MCCRORY, S. A., and LAZARUK, W. Mulching strawberry plants for winter protection. S. Dak. Agr. Expt. Sta. B. 420,18 p. May 1952. 100 So82

WIERSMA, J. L. ABC's of sprinkler irrigation. S. Dak. Agr. Expt. Sta. C. 95,31 p. May 1952. 100 So82

SOUTH Dakota farm and home research 3:75-106. Summer 1952. 100 So82S

Tennessee Agricultural Experiment Station, Knoxville

TENNESSEE. AGRICULTURAL EXPERIMENT STATION. Tennessee farm and home science. Progress report No. 2,12 p. Apr./June 1952. 100 T25F

Texas Agricultural Experiment Station, College Station

WATSON, J. R., JR., and CRAIN, A. W. The home lawn—good turf for utility and beauty. Tex. Agr. Expt. Sta. B. 747,22 p. June 1952. 100 T31S

CULVER, W. H., and CAIN, R. F. Nature, causes and correction of discoloration of canned black-eye and purple hull peas. Tex. Agr. Expt. Sta. B. 748, 23 p. Ref. June 1952. 100 T31S

MORTENSEN, E. Forage crop yields at the Winter Garden Station, 1930-46. Tex. Agr. Expt. Sta. Misc. P. 86,8 p. June 23,1952. 100 T31M

MCILRATH, W. J., and ERGLE, D. R. Effect of 2,4,5-T on young cotton plants. Tex. Agr. Expt. Sta. Prog. Rpt. 1464,4 p. May 24,1952. 100 T31P

MCCULLY, W. G., and MILLER, H. F. A simple wind gauge for use in agricultural spraying. Tex. Agr. Expt. Sta. Prog. Rpt. 1466,4 p. May 27,1952. 100 T31P

NEAL, E. M., HALL, R. A., and JONES, J. H. Common, sweet and tift Sudan for pasturage. Tex. Agr. Expt. Sta. Prog. Rpt. 1467,2 p. June 16,1952. 100 T31P

HALL, R. A. Broomcorn production in South Texas. Tex. Agr. Expt. Sta. Prog. Rpt. 1468,3 p. June 17,1952. 100 T31P

DEAN, H. A. Cottony cushion scale [Icerya purchasi] control in the Lower Rio Grande Valley, 1951. Tex. Agr. Expt. Sta. Prog. Rpt. 1469,3 p. June 18,1952. 100 T31P

MAGEE, A. C. Feed reserves for wintering ewes on Central Texas farms. Tex. Agr. Expt. Sta. Prog. Rpt. 1470,4 p. June 18,1952. 100 T31P

MAGEE, A. C. Feed reserves—drouth insurance for beef producers. Tex. Agr. Expt. Sta. Prog. Rpt. 1471,5 p. June 18,1952. 100 T31P

MOORE, A. V. In-place cleaning of steel sanitary milk processing lines. Tex. Agr. Expt. Sta. Prog. Rpt. 1472,5 p. June 20,1952. 100 T31P

GAINES, J. C., and HANNA, R. L. Southern corn rootworm [Diabrotica undecimpunctata howardi] control. Tex. Agr. Expt. Sta. Prog. Rpt. 1473,2 p. June 26,1952. 100 T31P

MORTENSEN, E. Grape rootstocks for southwest Texas. Tex. Agr. Expt. Sta. Prog. Rpt. 1475,11 p. Ref. July 12,1952. 100 T31P

Utah Agricultural Experiment Station, Logan

FISCHER, C. M. Studies in turkey marketing in the Western States. Utah. Agr. Expt. Sta. Spec. Rpt 6,16 p. May 1952. 100 Ut1Sp

The Agricultural Experiment Stations of California, Oregon, and Washington and the U. S. Department of Agriculture cooperating.

FARM & home science 13:25-48. June 1952. 100 Ut1F

Vermont Agricultural Experiment Station, Burlington

TREMBLAY, R. H. Agriculture in the upper Winooski Valley. Vt. Agr. Expt. Sta. B. 567,84 p. June 1952. 100 V59

Virginia Agricultural Experiment Station, Blacksburg

BOBB, M. L. The life history and control of the plum curculio [Conotrachelus nenuphar] in Virginia. Va. Agr. Expt. Sta. B. 453,30 p. Ref. May 1952. 100 V81S

BUCK, J. T. Marketing practices of selected egg buyers in Virginia, 1947-1948. Va. Agr. Expt. Sta. B. 456,26 p. June 1952. 100 V81S

HILL, C. H. The biology and control of scurfy scale [Chionaspis furfura] on apples in Virginia. Va. Agr. Expt. Sta. Tech. B. 119,26 p. Ref. June 1952. 100 V81S

Washington Agricultural Experiment Station, Pullman

ELKINTON, C. M., NORELL, K. R., and HARRINGTON, A. H. Farm policy and Washington public opinion. Wash. Agr. Expt. Sta. C. 193,17 p. June 1952. 100 W27S

SAXENA, H. C., and MCGINNIS, J. Effect of DL-methionine on feed utilization by chicks and turkey poults. Wash. Agr. Expt. Sta. C. 197,5 p. Ref. Aug.1952. 100 W27S

BAUM, E. L., FARIS, J. E., and WALKUP, H. G. Economies of scale in the operation of fryer processing plants with special reference to Washington. Wash. Agr. Expt. Sta. Tech. B. 7,33 p. Aug.1952. 100 W27T

West Virginia Agricultural Experiment Station, Morgantown

ELLIOTT, E. S. Diseases, insects, and other factors in relation to red clover failure in West Virginia. W. Va. Agr. Expt. Sta. B. 351T,65 p. Ref. Apr.1952. 100 W52

PORTER, W. F., JR. Elk Garden, West Virginia, a reconnaissance survey of a problem town. W. Va. Agr. Expt. Sta. B. 355T,61 p. Ref. June 1952. 100 W52

Wyoming Agricultural Experiment Station, Laramie

STEVENS, I. M., and others. Marketing Western feeder cattle. Wyo. Agr. Expt. Sta. B. 317,92 p. June 1952. 100 W99

R. T. Burdick, H. G. Mason, and H. P. Gazaway, joint authors.

BARNES, O. K. Pitting and other treatments on native range. Wyo. Agr. Expt. Sta. B. 318,23 p. July 1952. 100 W99

WALTERS, H. J., and STARR, G. H. Bacterial diseases of beans in Wyoming. Wyo. Agr. Expt. Sta. B. 319,12 p. Ref. July 1952. 100 W99

STATE AGRICULTURAL EXTENSION SERVICE PUBLICATIONS

Includes State Agricultural Extension Service publications received in the library during the preceding month.

Publications issued by the State Agricultural Extension Services are not available from the U S Department of Agriculture but are often available from the publishing extension service.

Material not available from the various State institutions may be obtained in microfilm or photoprint form from the U S Department of Agriculture Library for the cost of reproduction.

ARKANSAS University, College of Agriculture, Agricultural Extension Service, Little Rock

ARKANSAS. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Arkansas farmers stand ready. Ark. Agr. Col. Ext. C. 470, 14 p. 1951? 275.29 Ar4

CALIFORNIA University, College of Agriculture, Agricultural Extension Service, Berkeley

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Costs of producing dates in 1951 [Riverside County], by D. D. Halsey and W. Sullivan. Berkeley?1952? 6 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Lemon management study, Santa Barbara County, 1951, by A. D. Reed, G. E. Goodall, and G. S. B. Ferguson. Berkeley?1952? 7 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Modoc beef management study, 1952, by A. D. Reed and N. E. Nichols. Berkeley?1952. 7 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 1951 apple production costs, by B. B. Burlingame and E. Torpen. Berkeley?1952? 7 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 1951 San Bernardino County rabbit cost study, by W. Sullivan and L. M. Harwood. Berkeley?1952? 7 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Poultry meat study Los Angeles County, 1951, by C. A. Salverson and A. D. Reed. Berkeley?1952? 4 p. 275.29 C12En

CALIFORNIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Third Butte County poultry management study, 1951, by A. W. Mitchell and A. D. Reed. Berkeley?1952? 6 p. 275.29 C12En

COLORADO State College of Agriculture, Extension Service, Fort Collins

COLORADO. AGRICULTURAL AND MECHANICAL COLLEGE. EXTENSION SERV. Working together. Colo. Agr. Col. Ext. B. 423-A,39 p. June 1952. 275.29 C71E

FLORIDA University, College of Agriculture, Agricultural Extension Service, Gainesville

GRANGER, J. A. Dooryard citrus plantings in Florida, revised by A. F. Camp. Fla. Agr. Col. Ext. B. 140,rev.,23 p. May 1952. 275.29 F66

HAYNIE, J. D., and MURPHEY, M., JR. Beginning beekeeping. Fla. Agr. Col. Ext. C. 151,31 p. June 1952. 275.29 F66

GEORGIA University, College of Agriculture, Agricultural Extension Service, Athens

JAMES, E., and ALEXANDER, E. D. Georgia weeds and how to control them. Ga. Agr. Col. Ext. B. 502,rev.,97 p. June 1952. 275.29 G29B

BROACH, R. T. Home canning of fruits, vegetables and meats. Ga. Agr. Col. Ext. B. 562,rev.,52 p. June 1951. 275.29 G29B

KING, W. A., and FANNING, J. W. Community development in Georgia. Ga. Agr. Col. Ext. B. 565,rev., 20 p. June 1951. 275.29 G29B

GEORGIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 1950 annual report. Ga. Agr. Col. Ext. B. 567,19 p. Jan.1951. 275.29 G29B

GEORGIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. 1951 annual report. Ga. Agr. Col. Ext. B. 571,16 p. Jan.1952. 275.29 G29B

WILLIAMS, R. O., and BELL, C. E., JR. Georgia 4-H Club livestock judging guide. Ga. Agr. Col. Ext. B. 574,33 p. June 1952. 275.29 G29B

BELL, C. E., JR. Controlling livestock pests. Ga. Agr. Col. Ext. C. 351,rev.,8 p. May 1951. 275.29 G29C

GEORGIA. UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Commercial egg production, a golden opportunity for Georgia farmers. Ga. Agr. Col. Ext. C. 368,4 p. July 1952. 275.29 G29C

HAWAII University, Agricultural Extension Service, Honolulu

HOSAKA, E. Y., and CARLSON, N. K. Irrigated pastures for Hawaii. Hawaii. U. Agr. Ext. B. 56, 31 p. Ref. July 1952. 275.29 H312E

IDAHO University, College of Agriculture, Extension Service, Moscow

IDAHO. UNIVERSITY. COLLEGE OF AGRICULTURE. EXTENSION SERV. Green gold in Idaho. Idaho. Agr. Col. Ext. C. 125,6 p.-folder. Sept.1952. 275.29 Id13C

ILLINOIS University, College of Agriculture, Extension Service, Urbana

CLEAVER, T., and CARTER, D. G. Loose housing for the farm dairy. Ill. Agr. Col. Ext. C. 694, 12 p. June 1952. 275.29 IL62C

INDIANA -Purdue University, Agricultural Extension Service, Lafayette

BUSCHE, L. M., and SMITH, H. E. A study of rural-urban fringe residents of Lafayette and West Lafayette, Tippecanoe County, Indiana. Purdue U. Agr. Ext. Ext. Studies C. 12,6 p. Sept.1951. 275.29 In2Ext

INDIANA. PURDUE UNIVERSITY. AGRICULTURAL EXTENSION SERV. Thirty-eighth report of the director, 1950. Lafayette,1951? 32 p. 275.29 In2

MARYLAND University, Colleges of Agriculture and Home Economics, Extension Service, College Park

DIETRICH, J. P., and MORRIS, J. L. Raising dairy calves. Md. Agr. Col. Ext. Fact Sheet 53,4 p. n.d. 275.29 M36Fa

LAURENT, C. K. Let's try barbecued broilers. Md. Agr. Col. Ext. Fact Sheet 56,2 p. n.d. 275.29 M36Fa

DITMAN, L. P., and BISSELL, T. L. Fight the vinegar gnat. Md. Agr. Col. Ext. Fact Sheet 57,1 p. n.d. 275.29 M36Fa

MASSACHUSETTS University, School of Agriculture, Extension Service, Amherst

MASSACHUSETTS. UNIVERSITY. SCHOOL OF AGRICULTURE. EXTENSION SERV. Publications for farm and home. Mass. U. Agr. Ext. L. 104,rev.,8 p. July 1952. 275.29 M381L

HALE, N. Fitting and showing sheep. Mass. U. Agr. Ext. L. 159,rev.,12 p. May 1952. 275.29 M381L

MINNESOTA University, Department of Agriculture, Division of Agricultural Extension, University Farm, St. Paul

DANKERS, W. H. Know your cooperative. Minn. U. Agr. Ext. B. 232,rev.,16 p. June 1952. 275.29 M66S

SNYDER, L. C. The home fruit planting. Minn. U. Agr. Ext. B. 255,rev.,27 p. May 1952. 275.29 M66S

COOKE, C. Cannibalism and egg eating in poultry. Minn. U. Agr. Ext. Folder 149,rev.,6 p. June 1952. 275.29 M66Ex

ARMOUR, M. L., FITCH, J. B., and SEARLES, H. R. Hay crop silage. Minn. U. Agr. Ext. Folder 157, rev.,4 p. May 1952. 275.29 M66Ex

TURNQUIST, O. C. Summer care of vegetable gardens. Minn. U. Agr. Ext. Folder 167,10 p. July 1952. 275.29 M66Ex

MISSISSIPPI State College, Extension Service, State College

RAY, K. R. Plans for farm homes in Mississippi. Miss. State Col. Ext. P. 191,31 p. June 1952. 275.29 M68Ext

MISSOURI University, College of Agriculture, Agricultural Extension Service, Columbia

LINDSAY, C., and CROWLEY, R. I pledge my health. Mo. Agr. Col. Ext. 4-H C. 105,27 p. June 1952. 275.29 M69B

NEW MEXICO College of Agriculture, Extension Service, State College

WATSON, I. Sheep management for New Mexico farms. N. Mex. Agr. Col. Ext. C. 236,11 p. July 1952. 275.29 N463E

NEW YORK State College of Agriculture and Home Economics, Extension Service, Cornell University, Ithaca

SCHAUFLER, E. F. Flower arrangement. N. Y. Agr. Col. Ext. Cornell 4-H Club B. 98,8 p. June 1952. 275.29 N48Cn

NORTH CAROLINA University, State College of Agriculture and Engineering, Extension Service, State College Station, Raleigh

NORTH CAROLINA. UNIVERSITY. STATE COLLEGE OF AGRICULTURE AND ENGINEERING. EXTENSION SERV. The Irish potato—late blight story. N. C. Agr. Col. Ext. C. 368,16 p. May 1952. 275.29 N811

COLLINS, E. R. Liquid nitrogen fertilizer. N. C. Agr. Col. Ext. C. 369,8 p. May 1952. 275.29 N811

RATCHFORD, C. B. Rental arrangements in the Coastal Plain. N. C. Agr. Col. Ext. C. 370,20 p. Aug.1952. 275.29 N811

NORTH CAROLINA. UNIVERSITY. STATE COLLEGE OF AGRICULTURE AND ENGINEERING. EXTENSION SERV. Rough estimates on your corn yields. N. C. Agr. Col. Ext. Folder 87,5 p. July 1952. 275.29 N811Ex

OHIO State University, College of Agriculture, Agricultural Extension Service, Columbus

OHIO. STATE UNIVERSITY. COLLEGE OF AGRICULTURE. AGRICULTURAL EXTENSION SERV. Program, 40th annual Farm and Home Week, March 18-21, 1952. Columbus?1952. 24 p. 275.29 Oh3

OKLAHOMA Agricultural and Mechanical College, Extension Division, Stillwater

OKLAHOMA. AGRICULTURAL AND MECHANICAL COLLEGE. EXTENSION DIV. Make your farm safe; work and play safely, think safety. Stillwater,1951? 6 p.-folder. 275.2 Ok4Mk

OREGON State College, Federal Cooperative Extension Service, Corvallis

SAGER, A. A manual for officers and members of home economics extension units and study clubs. Oreg. State Col. Ext. B. 728,31 p. Aug.1952. 275.29 Or32B

OREGON. STATE COLLEGE. FEDERAL COOPERATIVE EXTENSION SERV. Available circulars of the Oregon Agricultural Experiment Station and Extension Service. Oreg. State Col. Ext. C. 539,rev.,7 p. Aug. 1952. 275.29 Or32C

SHEARER, M. Measuring flow in small streams. Oreg. State Col. Ext. C. 550,6 p.-folder. Aug.1952. 275.29 Or32C

RHODE ISLAND State College, Extension Service, Kingston

BOND, G. E. Farming in Rhode Island. R. I. State Col. Ext. Mimeog. C. 74,6 p.-folder. Feb.1952. 275.29 R34M

SOUTH CAROLINA, Clemson Agricultural College, Extension Service, Clemson

SOUTH CAROLINA. CLEMSON AGRICULTURAL COLLEGE. EXTENSION SERV. AGRONOMY DIV. Agronomy handbook for South Carolina. Clemson Agr. Col. S. C. Ext. B. 104,rev.,192 p. Apr.1952. 275.29 So8F

ROCHESTER, M. C. Opportunities for farming in South Carolina; factors to consider in selecting a farm. Clemson Agr. Col. S. C. Ext. C. 376,22 p. June 1952. 275.29 So8E

FARRAR, M. D., and NETTLES, W. C. Automatic sprayer for control of biting flies on cattle. Clemson Agr. Col. S. C. Ext. Inform. Card 81,4 p. July 1952. 275.29 So8I

SOUTH CAROLINA. CLEMSON AGRICULTURAL COLLEGE. EXTENSION SERV. Agricultural progress in South Carolina, 1951; balancing a changing agriculture. Clemson,1952? 45 p. 275.29 So8A

TENNESSEE University, College of Agriculture, Agricultural Extension Service, Knoxville

GOWDER, M. T., SCHWAB, D. P., and GENTRY, G. Farm ponds. Tenn. Agr. Expt. Sta. P. 333, 28 p. Sept.1951. 275.29 T25

GOWDER, M. T. Strip cropping. Tenn. Agr. Expt. Sta. P. 334,11 p. Aug.1951. 275.29 T25

GOWDER, M. T. Efficient use of farm machinery. Tenn. Agr. Expt. Sta. P. 335,20 p. Feb.1952. 275.29 T25

PENDERGRASS, W. Lime, fertilizer and manure. Tenn. Agr. Expt. Sta. P. 336,36 p. Apr.1952. 275.29 T25

TENNESSEE. AGRICULTURAL EXPERIMENT STATION. AGRONOMY DEPT. Rates and dates of planting Tennessee farm and garden crops. Tenn. Agr. Col. Ext. P. 337,8 p. Dec.1952,i.e.1951. 275.29 T25
Tennessee Agricultural Experiment Station, Horticultural Department cooperating.
Circular 11 revised.

WILSON, R. Champion rural communities. Tenn. Agr. Col. Ext. P. 338,15 p. Apr.1952. 275.29 T25

GOWDER, M. T. Terracing for water control. Tenn. Agr. Col. Ext. P. 339,32 p. July 1952. 275.29 T25

TEXAS Agricultural and Mechanical College, Agricultural Extension Service, College Station

DONAHUE, R. L., THORNTON, M. K., and HOLLAND, D. A. New farms for old. Tex. Agr. Col. Ext. B. 185,15 p. Feb.1951. 275.29 T312

HUTCHINSON, J. E., MICHAEL, R., and ROSBOROUGH, J. F. Sweet potato production in Texas. Tex. Agr. Col. Ext. B. 187,20 p. Feb.1951. 275.29 T312

BURLESON, R. E., and MEEKMA, A. M. Dairy handbook for Texas. Tex. Agr. Col. Ext. B. 190,15 p. June 1951. 275.29 T312

TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Home canning—fruits, vegetables. Tex. Agr. Col. Ext. B. 194, 36 p. Jan.1952. 275.29 T312

MURRAY, M. How to know the syrup you buy. Tex. Agr. Col. Ext. MS-884,2 p. Jan.1951. 275.29 T313M

CRAIN, A. W. Establishing a coastal bermuda-grass nursery. Tex. Agr. Col. Ext. MS-885,2 p. Mar. 1951. 275.29 T313M

GUNTER, A. C. Storage of rice. Tex. Agr. Col. Ext. MS-886,5 p. Feb.1952. 275.29 T313M

TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Style book for Extension editorial office. Tex. Agr. Col. Ext. MS-888,25 p. n.d. 275.29 T313M

MOORE, W. J., and BROWN, E. C. Disposal pit for poultry. Tex. Agr. Col. Ext. MS-889,2 p. Feb. 1952. 275.29 T313M

COX, B. 4-H organizations—county, district and State. Tex. Agr. Col. Ext. MS-900,8 p. n.d. 275.29 T313M

TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Home management. Tex. Agr. Col. Ext. MS-906,2 p. 1952. 275.29 T313M

TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Managing your bank account. Tex. Agr. Col. Ext. MS-917,6 p. Sept. 1951. 275.29 T313M

TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Annual report, 1951. College Station,1952. 24 p. 275.29 T312A

TEXAS. AGRICULTURAL AND MECHANICAL COLLEGE. AGRICULTURAL EXTENSION SERV. Guide for controlling insects and diseases on vegetable crops in the Lower Rio Grande Valley, by A. N. White, G. P. Wene, and G. H. Godfrey. College Station?1951. unpaged. 275.29 T312In

UTAH State Agricultural College, Extension Service, Logan

BOHART, G. E., and KNOWLTON, G. F. Wild bees for pollination of the alfalfa seed crop in Utah. Utah. State Agr. Col. Ext. Fact Sheet 8,2 p. June 1952. 275.29 Ut1F

WASHINGTON State College, Extension Service, Pullman

WASHINGTON. STATE COLLEGE. POULTRY COUNCIL. Management of breeder chickens. Wash. State Col. Ext. B. 348,8 p. July 1952. (Poultry Pointers 25, rev.) 275.29 W27P

WASHINGTON. STATE COLLEGE. POULTRY COUNCIL. Managing breeder turkeys. Wash. State Col. Ext. B. 388,11 p. June 1952. (Poultry Pointers 39, rev.) 275.29 W27Pou

CHAPMAN, L. Pasture management. Wash. State Col. Ext. B. 435,rev.,12 p. July 1952. 275.29 W27P

LUSK, M. An outfit for the small fry; 4-H Clothing Plan XII, Junior Miss Series. Wash. State Col. Ext. B. 457,8 p. July 1952. 275.29 W27P

STADELMAN, W. J., and JENSEN, L. S. Egg quality from the farm to the home. Wash. State Col. Ext. B. 461,12 p. Aug.1952. 275.29 W27P

NOYES, H. Doing the dishes. Wash. State Col. Ext. B. 465,11 p. June 1952. 275.29 W27P

HOBSON, K. Keeping up on the farm outlook. Wash. State Col. Ext. C. 212,5 p.-folder. July 24,1952. 275.29 W27C

KLOSTERMEYER, E. C. Insect control and pollination recommendations for alfalfa and clover seed. Wash. State Col. Ext. Mimeog. 581,rev.,9 p. Mar.1952. 275.29 W27Mi

FOOD AND AGRICULTURAL ORGANIZATION OF THE UNITED NATIONS

Includes publications received in the library during the preceding month.

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. FAO fisheries bulletin 5: 41-94. Mar./Apr.1952. 414.9 F73

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Timber statistics, including market reports for January-December, 1950 and 1951. Food & Agr. Organ. United Nations. Timber Statis. Q. B. 4(4),171 p. May 1952. 99.9 F73T
Text in English and French.

JOINT FAO/WHO EXPERT COMMITTEE ON NUTRITION. Report on the second session. Rome,1951. 64 p. (World Health Organization: Technical Report Series 44) 389.9 J66

UNASYLVA 6:1-48. Mar.1952. 99.8 Un1

BIBLIOGRAPHY OF AGRICULTURE

WYNDMOOR



U.S. DEPARTMENT
OF AGRICULTURE
LIBRARY

DEXES DECEMBER 1952 VOL. 16, No. 12

The subject index for volume 16 of the Bibliography of Agriculture will appear as number 12 of volume 16, the issue of December 1952.

Abbreviations used in this publication are from the United States Department of Agriculture Bibliographical Bulletin 12, List of Serials Currently Received in the Library of the United States Department of Agriculture, November 1, 1949. June 1950.

Call numbers following the citations are those of the United States Department of Agriculture Library. Please use them when requesting publications on loan from the Library.

Except for printed publications of the Department of Agriculture which are usually available in limited supply for free distribution, the publications listed herein are not available for free distribution from the Department. However, photoprint or microfilm copies of any publication listed may be obtained from the Library. Copying charges for each periodical article or book are:

MICROFILMS:
$1.00 for each 50 pages or fraction thereof from a single article or book.

PHOTOPRINTS:
$1.00 for each 10 pages or fraction thereof from a single article or book.

ALL CHARGES ARE CASH WITH ORDER. (Only Federal agencies are exempt.)
Enclose payment in cash, library coupon, check, or money order drawn to the Treasurer of the United States.

LIBRARY COUPONS—United States Department of Agriculture Library coupons valued at $1.00 each may be ordered in any quantity.

The printing of this publication has been approved by the Director of the Bureau of the Budget. (Jan. 11, 1950).

UNITED STATES DEPARTMENT OF AGRICULTURE

LIBRARY

BIBLIOGRAPHY OF AGRICULTURE

Vol. 16 1952

CONTENTS

	Item		
Plant Science	56126-58057	64102-66093	72258-74405
		80849-82653	89180-91137
Soils and Fertilizers		58058-58609	66094-66753
	74406-74963	82654-83190	91138-91547
Forestry	58610-59146	66753-67225	74964-75723
		83191-83688	91548-92168
Animal Industry		59147-60499	67226-68363
	75724-77152	83689-85301	92169-93296
Entomology	60500-61322	68364-69054	77153-78297
		85302-86097	93297-94213
Agricultural Engineering		61323-61698	69055-69509
	78298-78695	86098-86513	94214-94495
Agricultural Products: Processing, Distribution, and Statistics	61699-63199	69510-71198	78696-80012
		86514-88137	94496-95588

	Item		
Agricultural Economics and Rural Sociology	63200-63878	71199-72082	80013-80640
		88138-88990	95589-96109
Food and Human Nutrition	63879-63955	72083-72150	
	80641-80702	88991-89072	96110-96162
Miscellaneous	63956-64101	72151-72257	
	80703-80848	89073-89177	96163-96252

United States Department of Agriculture Publications

State Agricultural Experiment Station Publications

State Agricultural Extension Service Publications

Food and Agriculture Organization of the United Nations

AUTHOR AND SUBJECT INDEXES

Since most subscribers bind the Bibliography of Agriculture in two volumes per year, two title pages will be issued for volume 16, one for numbers 1 through 6, January to June, and one for numbers 7 through 12, July to December. The second title page will appear in the December issue.

For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.
$6.00 per year, domestic; $8.00 per year, foreign. Single copies vary in price.

	Item
Aaberg H C	1304
	3967
	41767
Aaeng R	41131
Aagaard J	49552
	69376
	95946
Aaltonen V T	30709
Aamodt O S	57177
	65215
Aamodt T T	61165
Aamondt E E	14649
Aanestad R D	77251
Aarflot J	67780
	67781
Aaron J R	67083
Aarons T	34395
Aarst J van	16314
Aarstøl T	69305
Aas J	13889
	40598
Aasen K	78439
Aasen L	56083
Aasen O	16315
Aasheim T S	14016
Aasmundstad K S	38194
Aasprang N	45376
Aavatsmark I	83313
Abadia Morales J	59434
Abadie F A	83593
Abalikhin S A	68238
Abalos J W	24915
Abashidze IA	57623
Abaza Bey O	18841
Abbayes H des	11578
	28662
	72463
	89438
	89439
Abbe E C	12109
Abbenhaus G H	35361
Abbenhaus G R	36566
	36584
Abbey P R	36760
Abbiss H W	1873
	1874
	1875
	21016
	21017
	29875
	48899
	55558
	66272
	80122
Abbiss W H	95017
Abbott C P	33953
Abbott C W	61999
	63828
	86976
Abbott D	18133
Abbott E S	30153
Abbott E V	64542
	72821
	89471
	89472
	89569
	90463
Abbott F H	25993
Abbott I W	13441
Abbott J B	42030
Abbott J C	8162
Abbott O D	38122
	38123
	38133
Abbott R W	22272
Abd-El-Malek Y	78987
Abd El Rahman A	72935
	72999
Abdel-Wahab A	85540
Abdelhafez G M	94954
Abdulin M G	33032
Abdullaeva A A	56126
Abdun-Nur E A	2630
Abe G	42917
Abe H	50470
Abe I	29522
	50575
Abe K W	35108
Abe S	28227
Abe T	34596
Abe Y	50471
Abe Z	76855
Abeele M van den	74338
Abegglen-Seiler P	77322
Abeljon Veloso J	77712
	82477
Abel F	44163
Abel H	45658
	70821
	95268
Abel K R	5282
Abel P M	8604
	10242
	18538
	27596
	40388
	59257
Abel P S	17628
Abel R	12683
Abel W	9739
	25175
Abele C A	86977
Abele K	23067
Abelein R	32684
	76237
	84750
	92891
Abelentsev V I	93349
Abell C	3560
	44016
	88102
Abell H C	88709
Abell J	31477
Abell M F	35056
Abell T	51902
Abella R	26635
Aberdeen-Angus Cattle Society	75995
Åberg B	81520
Åberg E	46
	2325
	2326
	2327
	12235
	38959
	56993
	73348
	73493
Aberg K A	73706
	82125
Aberham H	8932
Aberlon R B	81830
Abetz K	14481
	58726
Abibon L	62767
Abichandani C T	12582
	13987
Abiet P	49842
	58393
Abijay F	83482
Abinanti F R	51839
Abinanti M M	53782
Abington F S	28107
	55620
Abiss H W	87450
Abiusso N G	379
Ablon E	9504
Abolina G I	730
	782
	12236
	56757
Abonyi L	15390
Aboul-Ela M M	39002
Abouzeid E	59905
Abplanalp H	23715
	42683
Abrahão J	28828
Abraham E P	19736
Abraham J	68305
Abraham M C	22789
Abraham M F H	66753
Abrahams H M	63644
Abrahams M	96110
Abrahamsen M	62515
Abrahamsen M A	10845
	40929
	63775
	63800
	80545
	88840
	88841
	96032
Abrahamson B H	25309
Abrahão J	38642
Abramitis W W	93382
Abramov I I	38501
Abramov I O	40773
Abramov I V	5618
Abramov M D	59886
Abramov S A	58913
Abramova G K	39003
Abramovich I B	31385
Abramovitch M	3842
Abrams J T	50805
	92385
Abrams L	89274
Abramson E	11101
Abrarov I Sh	22475
Abrego L	19904
	28733
Abreu B E	67813
Abreu E F de	67326
Abreu J C de	15671
Abreu J P	47690
	81370
Abreu L A	29429
Abromeit K	24468
	43276
Abrosimov I	63471
Abrosimov M A	63472
Abshier G S	62505
	78747
Aburto M S	16791
	16792
Aburto S	16568
Abutkov B V	31871
Acarla A H	82746
Acatay A	75130
Accame F	5607
	59221
	84098
	84201
	85072
	85186
Accardi F	37559
Accorsi W R	1
Acerbo G	95687
Aceto N C	70655
Acevedo y Pinilla J M	87822
Achacoso I	22365
Achard J	18750
	69220
Acharya C N	3153
	91533
	91534
Achaval L G	71746
Achaya K T	9464
	70902
Aché L	18219
Achem M J J	42973
Achenbach H	70682
Achenbach O	50683
Acheson D	63218
Acheson H V C	40256
	42722
Achilles M	48195
	91274
Achterstraat J	20636
Achthaler J	4823
Acierto A M	66194
Acker D	37766
	55621
	64083
Acker J	8339
	35873
Acker R F	56164
Ackerman F E	26308
	35922
	35923
Ackerman L M	25176
Ackermann E	10940
	48900
	55814
	60892
	77809
Ackermann F	18358
	26636
Ackerson C W	5205
	5206
	22787
	67246
Ackert J E	23891
	84813
	84873
	84919
Acland P B E	80250
Acland Sir R	72822
Acosta P P	18115
Acosta Solis M	101
	13138
	14143
	14993
	39408
	83042
Acquaviva F	37643
	37722
Acton C F	76573
Acuña J	102
	20610
Aczel M L	43487
	43488
	43489
Adachi A	38958
Adair C R	11924
	29523
	45483
	90219
Adair N T	50419
Adair W	9260
	17207
	37452
Adam Brother	43277
	52199
	77323
Adam D B	11730
	72613
Adam D T	46360
Adam F	31750
Adam G F	54143
Adam J	3585
	31914
	41361
	49546
	50420
	75444
Adam J G	66792
	91647
Adam J P	60970
Adam K M G	23609
Adam U	60377
Adam W B	35373
	58154
Adamantidis D	24316
Adamczewski S	43743
	52743
Adamec E	69756
Adamfants G	41219
Adamfants G I	31335
Adamo O A D	3212
Adamovic Z	85705
Adams A A	59896
Adams A E	33249
Adams A J S	6403
	31676
Adams A M	81521
Adams A N	65490
Adams A W	11348
Adams C A	25658
	35282
	69610
Adams C E	59494
	76202
Adams C R	51944
Adams Mrs C R	90703
Adams D	48129
Adams D F	987
	20396
	64704
Adams D J	41502
Adams D M	7279
Adams D O	67168
Adams E A	18013
	23892
Adams E M	85461
Adams F H	45323
	59847
Adams F W	3968
	32298
Adams G A	79539
	87529
	95152
Adams H J	18729
Adams H W	5129
	52906
	[illegible]
	90648
Adams J A	60799
	85603
Adams J C	14042
Adams J F	80444
Adams J J	63776
Adams J R	91529
Adams J L	5130
	9505
Adams L	14635
Adams L E	52086
Adams L L	3637
Adams M	1556
Adams M E	59868
Adams M F	987
	20396
	23384
	76409
	84418
Adams M O	3498
Adams N	14516
Adams N M	9649
Adams P	87352
Adams P de O	10580
Adams P G	43490
	60893
	68718
Adams R	65921
Adams R L	27073
	45130
	63473
Adams S H	4531

	Item
Adams T M	53902
Adams V E	10243
Adams V L	96009
Adams W C	75574
Adams W H	16165
Adams W O	18040
Adamson C M	1545
Adamson D M	25106
	34675
	34676
Adamson M J	79191
Adamson N J	9721
Adant M	4909
Adatia R D	89916
Adderley J A	41078
Addicott F T	20256
Addison C A Baron	63349
Addison C C	85337
Additional Municipal Hall	95644
Addor A	54688
	70903
	95322
Ade A	64287
Adee E H	43278
	68526
Adelaide University Waite Agricultural Research Institute	47110
Adelberth E	10697
Aderikhin P G	58092
Adkar N R	15391
Adkins W G	55499
Adkinson B W	38061
Adler E	3676
	50523
Adler E D	14144
	83043
Adler H	42633
Adler H C	59435
	59607
	67593
	75996
Adler H E	68036
Adolph R H	27710
	37577
	46462
Adomat	3253
	22233
	50147
	58739
	91690
Adriaens E L	11019
	25767
	44643
	55873
Adriance G W	73764
	73851
Adriano C	88726
Adrianov S	58797
Adrianov S N	31322
Adrover C	33615
	45154
Adrover Rigo A	18182
Adsuar J	28984
	89713
Adutskevich	25372
Adutskevich	41768
Adyanthaya N R	64402
Adylbekov A	65448
Adzhemian N N	78855
	78856
Aehnelt E	76238
	84024
	92386
	92574
	92575
	92576
Aehnelt W R	61699
Aeneae Venema C J	10448
Aersøe H	19687
	75965
Aerts P F	16520
Aerts R	65356
Afanasenko S S	27099
	36896
	88025
Afanas'ev G	73901
Afanas'ev N M	1135
Afanas'ev S	94696
Afanas'ev V A	32984
Afanas'eva A S	38900
Afanas'eva M	46361
Afanas'eva M S	49553
Afanasiev M M	38791
	56579
Afanasijev D	41206
	83228
	83396
Afdal L	49807
Affeld F	48901
Affleck T L	28505
Afifi A	19961
	29640
	29641
	38643
	81204
African Violet Society of America	21018
Afridi F G	3425
	14177
	14596
	14597
Afrika Instituut	63626
Afrikantov	47056
Afzal M	26310
	35924
	38609
	48345
	48359
Agababian M M	68232
Agabal'iants G G	35436
Agadzhanian G Kh	31065
	48377
Agafonov P	94697
Agafonov E	25342
Aganzo Salido F	33704
Agapov A I	2532
Agapov S P	57805
Agapov V F	34743
	35490
	69757
Agardh-Twetman G	2153
Agarkov V A	47461
Agarwal B R	58100
Agarwal G D	9740
	10368
Agarwal K K	19191
Agarwal R M	88926
Agarwal R R	39434
	40436
	40437
	40599
Agarwala I P	15337
	76276
Agarwala O P	41914
	60641
	75997
	84025
Agarwala R P	6028
Agarwala S C	12237
	48164
	73088
Agata B C	7529
Agati G	47809
	64705
Agati J	81236
Agati J A	11634
	38792
	81323
Agcanas P B	5207
Agee Mrs O	90704
geev L M	27130
Ageev L M	48378
Agenais G	59542
Agenjo Cecilia C	15957
	18579
	41674
	42723
Agenjo R	61146
	61147
Ager J	14679
Agerberg L	73349
	90184
Agerberg L S	12238
	38294
	40600
	58539
Agerberg N	9975
Ager-Hanssen A	20958
Aggarawala O P	10489
Aggarwal J S	70904
Aggéry	19941
Agiza A H	62322
Aglibut A P	21915
Agnew A	9875
	46146
	71274
	88243
	95646
Agnew D B	9476
	18302
Agnew G W J	12997
	29963
	39764
	39765
	73765
Agostini R	41181
Agostino L d'	35437
Agrachev G	53154
Agrarsoziale Gesellschaft	25177
Agrawal G D	63298
	88530
	88546
Agrawal J S	72353
Agrawal M C	9896
Agrell I	16127
Agricultural Admin Bur Tokyo Japan	63072
Agricultural Bank of Tasmania	88173
Agricultural Bur of New South Wales	88307
Agricultural Co-operative Association	28048
Agricultural Foundation	80204
Agricultural Society of Trinidad & Tobago	88842
Committee on the Dairy Farming Industry	62001
Agrotis A C	42724
Agster A	54065
Agsteribbe E	11522
	11523
	80849
Agthe C	850
	29190
	89917
Aguado Villalba J	68527
	68528
	85471
Aguayo C G	5872
Agüero Polo R	66449
Aguiar A A	6579
Aguila G R	13442
Aguilar A A	91097
Aguilar J d'	16722
	43744
Aguilar L	41403
Aguilar Cortés J	15338
Aguilar Uranga M	36311
Aguilera H N	21509
	66166
Aguiló Bonnin J	45705
Aguirre J	22052
	87823
Aguirre Andres J	66273
Aguirre Arregui A	1305
Aguzzi G	13529
Aherns C	1876
Ahlberg O	20114
	43491
	60894
Ahlborn F	8933
Ahles H E	19801
	28506
Ahlfeld H	45967
	79915
	88026
	88027
Ahlgren G H	21336
	39089
	74259
	82347
Ahlgren H L	1306
	48529
	57178
	73494
	90433
Ahlmann S W	25991
Ahlmark A	11617
Ahlson C B	3769
Ahlström A	22637
Ahluwalia K S	57996
Ahmad E	88600
Ahmad G U	71228
Ahmad M M	55141
Ahmad M N	26442
Ahmad S	29191
	38884
	46984
	72464
Ahmad T	24361
	61257
	81126
Ahmad Y S	3426
	14177
Ahman S	47138
Ahmed A A	74690
Ahmed D D	43624
	77929
Ahmed F	77815
Ahmed K J	31915
Ahmed Q A	72465
Ahmed S	74964
Ahmed S F	13023
Ahmed Y S	58610
Ahmid N	79229
Aho A	40990
Aho W A	42725
Ahola E	26028
Ahola V K	783
	75131
Ahrendt L W A	80931
Ahrens F	16316
Ahrens L	2412
	3572
Ahrens M O	30373
Ahrer K	49554
	49555
	50012
	50030
	58221
	69438
	73495
	74538
	74539
	78571
	82796
	82797
Ahuja M L	75852
Ahumada J	25890
	53803
Aicardi D	30154
Aicher L C	29726
Aicher L C	32476
	59543
	67532
	84057
Aichinger E	3388
	29049
	31751
	56127
	56629
	56630
	56631
	56632
	56633
	56634
	56635
	56636
	56637
	58740
	58840
Aida T	74965
Aidinian R Kh	58093
Aiello F	1534
Aigler R W	27774
Aigner	35796
Aigner M	35795
	53329
Aikkinen I	7359
	65063
Aimukhamedova M B	8504
Aines P D	51226
Ainsworth J C Jr	12716
Airan J W	70905
	95363
	65472
Airanov Z	
Air-Applicator Institute	25391
Airoldi R	18580
Airy Shaw H K	28477
	28507
	47211
	47212
	47213
	64164
	64165
Aiso K	72258
Aitchison G D	13741
	58164
Aitken H C	8659
Aitken J D	31596
Aitken M	11295
Aitken R B	19802
Aitken T R	12583
	73089
Aitkenhead P	77796
Aiton E	47101
Aituganov P N	24469
Aiyadurai S G	65364
Aiyar O A N	37088
Aiyer A K Y N	1451
Aizenshtat IA S	731
	20134
	30410
Aizsilnieks A P	88843
Aizinbudas L B	59773
Akademiia Nauk SSSR Botanicheskii Institut	89275
Akademiia Nauk SSSR Biokhimii im A N Bakha Institut	66094
Akademiia Nauk SSSR Geografii Institut Prava	37453
Akademiia Nauk SSSR Sovet po Izucheniiu Proizvoditel'nykh Sil	37253
Akademiia Nauk SSSR Tadzhikskii Filial Institut Zhivotnovodstva	32437
Akademiia Nauk Turkmenskii Filial Zoologo-Zootekhnicheskii Institut	23045

	Item
Akademiia Nauk Belorusskoi SSR	5968 5969
Akai H	50396
Akai S	89803
Akamine E K	29129
Akana D A	2154 49238 57908
Akanabe S	56172
Akashi A	93151
Akeley D F	89734
Akeley R V	38644 40245 49164 64509
Akeberg E	31929
Akenberg E	81522
Akerberg E	1307 20477 57179 62553
Akerblom E	67896 84646
Akerman A	1136 9618 9978 12584 18359 19629 29139 36312 38645 39264 39265 39310 39311 48196 49556 64951 81821 89570 90185
Akers B H	24231
Akesson N B	61506
Akester J M	55874
Akhmatov I	26829
Akhmetchin S	62828
Akhtar S M	27597 27775
Akhund-Zade I M	90614
Akhutin A	49843
Akhverdov A A	19803 19804
Akib S	27776
Akiba M	18839
Akiba S	18839
Akiho S	50430
Akimenko A N	73766
Akimochkin N G	22993
Akimochkina T A	961 12435
Akimov P A	31621
Akinaga H	75201
Akindinov M V	67225
Akita H	29876
Akita S	29657 81599 81912
Akita T	34690 52871 86066 86070 25968
Akiyama S	89276
Akiyosi K	50648
Akker S van den	51367 76516 76517
Akkoyunlu Z	36971
Aklanov S I	77324
Akopian P N	30888
Aksu S	36973
Aktiebolaget Svenska Tobaksmono polet	71166
Akulova N S	23642
Akun R S	76518
Akune S	89699
Akwei E	85706
Alabama Dept of Conservation	83229
Alabama Dept of Agriculture and Industries	40930
Alabama State Veterinarian	51470
Alabama University Bur of Business Research	37369
School of Home Economics	38108
Alabouvette	12585 29524
Alabouvette F	48250
Alabouvette L	64953 64954 65064
Aladjajkov L	90912
Alaggia H A	12603
Alain Hermanc	28486 56189 96192
Alakhverdov I A	41889
Alam A	27777
Alam S M	61102
Alamanni M	51443
Alameda County California Mosquito Abatement District	60998 77916
Alamo de Bosque M F del	30155
Alamuddin N	27778
Alanis	61768
Alava R C	47734
Alava T E	31890
Alba D	2699
Alba J de	4434
Alba L I de	35438
Alban E K	30489 54358
Albanese F	8605 9979 26771 27419 35600 37254 46747 70345 78857 88844
Albareda J M	40392 49496
Albaugh R	18487 41937 41938 42488 50684 65065
Albee L R	32633
Alben A O	21644
Al'benskiĭ A V	31677 31678 82201 90705
Alber	33954
Alberizzi D E	79540 86827 86941
Albert A D	39924
Albert A D Jr	64308
Albert A R	40562 58222
Albert F A	41503 50524
Albert H	5283
Albert J	42634 29915
Albert M J	82295
Albert W	71784 78327
Albert W B	95947 13530 90990
Alberta Dept of Agriculture	15398 17195 35117 80704 90991
Agricultural Extension Serv	35057 36313
Field Crops Br	21337 30490 30491
Veterinary Serv Br	32685 33705 77101
Alberta Dept of Lands and Forests	63476
Alberta Horticultural Advisory Committee	73707
Alberta Varietal Zonation Committee	57042
Alberta Wheat Pool	36314
Albertario	7722
Albertario P	9381 27598 53380 71357 88927
Albertazzi C	42489
Alberti	15859 62970
Alberti B	16936 16937 16938 34550 61148 78056 78057 94045
Alberti G	38124
Albertini F	88616
Alberts J O	5284 23893 92960
Alberts R	86828 86829 86830
Alberts R J	8183
Albertsen B E	67593
Albertsen K	16081
Albertson F W	617
Albertsson C E	8628
Albes	83348
Albicker J	37767
Albif J M	71358
Albinus G	25343
Albiston H E	15130
Albi A	76418
Albo G	81398
Albon N	95480
Albrecht	14482 22234 22295
Albrecht C I	94214
Albrecht D	21611
Albrecht D T	15131
Albrecht E	70177
Albrecht F	50204
Albrecht J W	59896
Albrecht K	33178 44815
Albrecht R	3126 10244 14145 15499 30889 44358 57043 66274 77131
Albrecht R	80306 86447
Albrecht T W	79033
Albrecht W	26133 78085
Albrecht W A	2700 12461 21578 21579 21612 29222 30890 49481 49482 58155 58223 58370 66215 66275 74492 74540 82798 91240 91241 91242
Albrecht W E	66276
Albrecht-Rohner H	28630
Albrectsen R	4254 41939 50965
Albright L C	26540 36228 54376
Albritton R C	82847
Albuquerque A M	85812
Albuquerque L	77810
Albuquerque D de O	60895
Alburquerque F	24106
Albuquerque H	26134
Albuquerque M S de	19630
Albuquerque R M	89804
Alcaide Inchausti J	9169 70848 80599
Alcalde A	1015
Alcalde E	18842
Alcalde Cruchaga E	63350
Alcander T	48765
Alcantara Filho J de B	32813
Alcaraz E	28986 29866 36972 36976
Alcaraz M	8606
Alcaraz Luna M	80600
Alcardi Fuentes C	23990
Alcarez E	29140
Alchiev R	25411
Aldaba V	35925
Aldape-Cantu A	74691
Alday E	55142
Aldebert J C	75818 76770 85228
Aldebert P	30052
Alden C H	52019
Alden N	12749
Alderfer R B	40305 91147
Alderkamp E J	59436
Alderman D C	36143 39766 95018 95049
Alderman G	29251
Alderman O A	58641 58642
Alderman W H	29955 48766
Alders G	1877
Alderson W	69727
Alderson & Sessions	26522
Aldinger K	94698
Aldisio E de	27420
Aldo P	64403
Aldous C M	56649
Aldous W M	66100
Aldrich D G	2732 2753 29199 66132 89922 91501
Aldrich D G Jr	29193
Aldrich K F	64522
Aldrich R J	20275 21338 21339 21359 21367 21379 23302
Aldrich S R	48379 49557
Aldrich W W	62577
Aldridge W N	43252
Aldrovandi A	91275
Aleem A A	11553 64270 81058
Aleev A M	76239 92241 93152
Alegren A	3969 5019 59922 84238
Aleinikov S	55349
Aleixandre Ferrandis V	40392 40394 49384 49496
Alekhin K K	73870 78404
Alëkhin V V	618
Aleksa A	67929
Aleksandrov A D	90574
Aleksandrov G	55350
Aleksandrov G A	61511
Aleksandrov L	37178 61512
Aleksandrov N	20478 29525
Aleksandrov N P	20637 75263
Aleksandrov P	37255
Aleksandrov S V	2155 57821
Aleksandrov V G	13791 64609 89805 89806 89918
Aleksandrova F A	58643
Aleksandrova I V	40489
Aleksandrova O G	89805
Aleksandrova V D	56658
Aleksandrova Z P	36639
Aleksandrovskaia V A	91188
Alekseenko A I	56758
Alekseenko L N	56891
Alekseenko M P	57044
Alekseev A	3843
Alekseev A M	89919
Alekseev A P	784 39004
Alekseev E T	70346
Alekseev I A	94286

	Item
Alekseev M A	32597
	83988
	90303
Alekseev V A	39005
	87168
Alekseev V S	29837
	45968
Alekseeva A A	24187
Alekseeva L A	42138
Alekseeva L D	29448
Alekseeva M V	40149
Alekseeva N B	58094
Aleksenko A I	63089
Aleksin F	34868
Aleksîuk S A	52200
Alencar C G de	95948
Aleppo P L	6532
Aleshina A K	66164
Aleshina O A	89571
Aleshinskiĭ N A	32121
Aleshko S	44960
	62176
Alessandrini M	6606
Alessandrini M E	17565
	26637
Alessandrini V	62002
Alessandro G d'	85707
	93822
Alex A H	68529
	85472
Alexander A E	9333
Alexander A K S	5208
	7280
	7281
	23991
	42726
	67954
Alexander A M	19673
Alexander C C	73090
Alexander C H	41475
Alexander C O	30395
Alexander C P	6505
	11226
	16665
	16666
	43492
	47031
	52496
	52497
	68719
	68720
	77811
Alexander D E	20195
	29574
	89920
Alexander E	87169
Alexander E D	73496
	91035
Alexander G	42508
	49483
	93154
Alexander G I	51082
	93123
Alexander G R	78656
Alexander H D	67269
Alexander J	22864
	63231
	67318
Alexander L M	60038
	60093
	87773
Alexander L T	21539
Alexander M A	5653
	87697
Alexander M H	79086
Alexander M L	60896
	60897
	60898
	60958
Alexander M M	33499
Alexander P	18057
	26311
	54066
	87170
Alexander R A	24145
Alexander R M	77591
Alexander S	62591
Alexander T D	46616
Alexander W A	48902
Alexander W F	42343
	70617
	76519
Alexander W P	64166
Alexopoulos C J	56319
Alfaro A	25025
Alfaro-Polanco S	2599
	48381
Alfeld E	69071
Alfend S	61786
Alfonso C d'	20638
	67247
Alfonso P J Jr	5209
Alford J A	23245
	76225
Alford L W	10846
	92517
Alfred G A	88103
Alfredo Z	62177
Alfredsson B	3786
	32153
Alfthan P G	14886
Algar S M	17289
Algar W H	3677
	8417
	22638
Algemeene Nederlandse Zuivelbond	7850
	7957
	8184
	8190
Algeo A G	46206
Algera L	45131
	45229
Algeria Inspection Générale e Direction de l'Agriculture	13130
	20830
	55143
	58590
	62635
	88131
	88132
	90286
Conseil de l'Expérimentation et des Recherches Agronomiques	73350
	96237
Serv de l'Arboriculture	18303
Algeria Institut Agricole	94516
Algeria Serv des Douanes	19464
Algéus S	12239
	12240
	12241
	12242
Algra B C Jr	10941
Alhøj J P	24470
Ali M M	54916
Ali N	39767
Ali S A	34131
Ali S M	67430
Ali-Zade M A	23358
Alia J	7592
Alia M	66222
Alîâmovskiĭ N I	91179
Alibert H	20519
	20876
	29826
	52041
	60528
	65813
Alibrandi G	68037
Alicata J E	16082
	23970
	42635
	77102
Aliev A A	57489
Alifax R	17868
Alikaev V A	32299
	59804
	67632
Alimbek B M	31510
Alink B W	10847
Alipov V	22138
Alipov V V	33647
Alishkin S	57806
Alison F	78988
Alisov M	57807
Aliva Hernandez M	3174
Alkjaer E	10942
All India Bee-Keepers Association	16317
	93553
All-India Rural Credit Survey Committee of Direction	88174
All-India Silvicultural Conference	50261
Alla C	83724
Allahabad Agricultural Institute	94793
Allan F H	88601
Allan J M	1535
	57390
Allan P B M	38195
	43745
	47032
Allan R E A	26312
Allan R T P	59562
Allan W C	6507
Allan W S	85117
Allanno A d'	27779
Allara E	15392
Allard	75299
Allard G	8163
Allard H A	13139
	16128
	38331
	38412
	56639
Allard R W	57000
Allaria G B	30640
Allcock J	76520
Allcroft R	4532
	42108
	84322
Allcroft W M	15800
	84931
Allden W G	59783
Allee R H	64065
Allee W C	60110
Allégret P	61149
Allegrini F	79541
Alleizette C 'd	64167
Allen A A	16521
	43112
	43408
	43409
	52397
	60800
	77652
	85604
	85605
Allen B S	22409
Allen C	24491
Allen C D	92892
Allen C E	84798
Allen C H	8844
Allen C K	28508
Allen D W	76771
Allen E J	65281
	65814
	65815
	65816
	66370
Allen F E	15801
	69026
Allen F H	90706
Allen F W	20309
	29233
	62539
Allen G	46748
Allen G D	5595
Allen G E	79379
Allen G R	53500
Allen H	74233
Allen H H	65491
Allen H P	81523
Allen H R	42109
Allen H T	12243
Allen H W	61899
Allen I W	64704
Allen J R	10594
Allen J W	14246
	14247
	32002
	50525
Allen L C	4255
	18058
	43938
	91276
Allen M	6061
	89517
	90025
Allen M B	56301
Allen M E	92867
Allen M W	23035
	64581
	66670
	72883
Allen M Y	68530
Allen N	20257
Allen N N	1306
	23184
	41675
	76349
	76362
	84156
Allen C N	30799
	30800
	66192
	72678
Allen P H	80932
Allen R C	13140
	39925
	48903
	90207
Allen R G D	25690
Allen R H	37256
Allen R J L	53488
Allen R M	74291
Allen R R	95323
Allen R S	59608
	76240
	76315
Allen R W	5654
	42727
	51518
	60749
	85093
Allen S E	21772
	29194
Allen S W	3529
Allen T	63090
Allen T C	12244
	12364
	73117
	93509
Allen T W	59976
Allen W H	44737
Allen W W	13531
Allen-Price E D	80445
Allende Rodriguez F	4533
Allender C M	71929
Allenspach V	45687
Allerton F W	30156
	48904
	50055
Alley J C	32904
Allgeier R J	35891
Allgemeiner Verband für das Landwirtschaftliche Genossenschaftswesen in Österreich	71930
	94778
Allin B W	18967
Allinger G	12897
Alliot H	41404
	75487
Allis J A	13842
Allis-Chalmers Manufacturing Co	61700
Allison A G	8934
Allison A H	39595
Allison F E	14253
Allison J B	19517
Allison J B	67805
Allison J E	75819
Allison J L	283
	38553
	64404
	72620
	72621
	72791
	72895
Allison L E	14242
	74416
Allison R V	1277
	8418
	18059
	45132
	45133
	70347
Allix J	4256
	51667
Allman R T	59162
	59544
Allman S L	77998
Allmendinger D F	49770
Allmendinger F	93554
Allmendinger H	77325
Allmendinger W	72020
Allnutt F	94453
Allo A V	48382
	48383
	73497
	90304
Allorge P	89389
Allorge V	89389
Allouard P	46358
	83277
	83433
Allred A M	24869
Allred B W	20639
	39435
Allred D M	86096
Allred W M	37723
	62096
Allsop F	83397
Allsopp A	20258
	56759
	72950
Allsopp J R	22581
Allstetter R	50050
Allstetter W R	3134
Allué Morer A	10450
	27780
	30396
	37257
	44441
	54180
Allwood M C	57629
Allwright W	45317
Allyn M S	37153
Alm F	43939
	62578
	79468
Alm P	96193
Almack R B	27921
Almada A	17814
Almada J de	27753
Almasy F	15209
	15441
	76631
Al'meev Kh Sh	33033
Almeida D	18869
Almeida D G de	89807
Almeida F de	15571
Almeida J L F de	72951
Almeida J P de	85838
Almeida J R de	8812
	35439
	62579
	70615
	86696
	94629
	95101
Almeida O de	10848
Almeida R F d'	25026
	34551
	61150
Almeida Leme H de	69306

	Item
Almestrand A	11349
Almgren K	8813
	9506
	18671
	62580
	79834
Almin K E	3678
	50610
Almindelig Dansk Gartnerforening	57404
Almquist H J	5210
	42570
	51559
	51560
	76773
	76772
Alnarps Lantbruks - Mejeri- och Trädgardsinstitut Statens Mejeriförsök	35763 35853
Alóe L S de	94385
Aloi L	44738
	82945
Aloiph R H	63557
Alonso de Lama J M	81773
Alonso Manresa O	35145
Alonso Muñoz A	41676
	67248
	82764
Alonzo A E	50179
Alonzo J C	81411
Alori Salas C	6953
Alp H H	26984
	84932
	87913
Alpat'ev A M	49808
Alpat'ev A V	90913
Alpatov V V	24471
	24472
	64610
	89808
Alpe A	61513
	86327
Alper T	73267
Alpert H	72014
Alphen G van	70683
Alphen H K van	73908
Alphen J van	9590
Alpine Garden Society	48905
Alscher R P	81751
Alston A H G	11513
	19805
	56283
Alston C	46750
	46752
	71931
Alston G A H	89376
Alston P W	27100
Alstrand D V	69542
	69696
Alsup B	11027
Altaĭskiĭ I	9897
	27349
	27599
	49809
	63477
Altamiras Raventos J	42636
Altara I	5020
Altarelli A	32113
Alten F	30891
	35874
	40601
	40602
	47875
	49453
	55144
	58224
	58569
	59258
	66248
	74541
	82712
Alten I	77326
Altena	73091
A C J van	
Altenhaus M	19693
Altenkirch W	85073
Alteveer K	13141
	39926
Althaus R	83427
Althausen H	21020
	64168
	72354
Alther E W	71359
	71360
Altherr A	91983
	92130
Althouse S L	8340
	15959
	15960
Altieri M	76994
Altimiras Raventós C	5211
	33360
	60189
	60297
	68038
	93044
Al'tman A	26069
Al'tman A D	23270
	23446
	84307
Al'tman F F	34834
Altman L B Jr	61652
	78657
Altman R M	25131
Altmann G	60642
Altmann H	72622
Altmann K	41324
Altona R E	30492
	49239
	90992
	90993
Altpeter J	83157
Altrogge L	8935
	70684
	70685
	70686
Altschul A M	9389
	45750
	45778
	70293
	73125
	87844
Altukhova L A	29318
Aluminum Company of America	31066
Alunno E	59437
Alvarado M A	19563
Alvárez M	50685
	88547
Alvarez Aybar A	72021
Alvarez-Castellanos Rael J	12951
Alvarez Conde J	72333
	49844
	74692
Alvarez Esteban J	9980
	9981
	21831
	55145
	55146
	55147
	71361
	71362
Alvarez Lopez E	96194
Alvárez Mateos E	25691
Alvarez Merino L	61514
Alvarez Merino M	2885
	8936
	10608
	18360
	36315
	37454
	45484
	45485
	62663
	62664
Alvelid S	74950
Alvensleben B Graf von	52919
Alveraes W	65481
Alverez Peña M	73385
Alves C B	4983
Alves E L N	48140
Alves J A	48140
Alves N G	23070
	50966
	54553
	92364
	95219
Alves S	66041
	57997
Alves S G	84560
Alves Iglesias J	78733
Alves Junior J	25098
Alviella G d'	75132
Alvim D	90305
Alvim D de R	29669
	48384
	59750
	84430
	88268
	88269
	90305
	92668
Alvim P de T	29185
Alvira T	66222
Alvis V Q	25628
Älvsborgs Läns Norra Hushållningssällskap	96163
Alvsborgs Läns Södra Hushållningssälskap	38151
Alypova N	24601
Alzina Canals J	70348
Alzina Caules J	36841
Amacker G A	18698
	53912
Amado Castillo D	90575
Amaducci M	82236
Amakawa T	56289
Amalgamated Sugar Co	36897 79916
Amaral E	77327
Amaral J F do	34552 38554
Amaral J P do	6579
Amaral L	10451 37450
Amaral S F do	60529
Amarbaev A M	60347
Amargos J L	29824
Amato F d'	661 785 786 56674 73092 89809
Amato F D	2597
Amato T d'	71785
Amberg M K	61813
Amberson J M	59708
Ambler M P	11557
Ambler R C	69567
Ambroglo A dell'	67477
Ambrok S A	10609
Ambroladze G Kh	26569
Ambronn R	2886
Ambros F K	58886
Ambrose C	24979 29196 65365
Ambrose D C	46463
Ambrose E J	60899
Ambrosini I	49335 65492
Ambrosio A d'	54420 62178
Amedro A V	34912
Ameil J C	12815 62003
Ameis	88617
Amelin A G	33830
Amelin A L	54871
Amelin I S	33355
Amelinckx F	1878 13142 13143 14671 65283 83297 90708
Ameln H	87380
Amelung J	73351
Amemiya S	50470
Amen C R	56597
Amengual B O	39312
American Aberdeen-Angus Breeders' Association	59438 67460
American Academy of Allergy Pollen Survey Committee	64102
American Academy of Applied Nutrition	80641
American Animal Hospital Association Education Committee	3970
American Association of Cereal Chemists Sanitation Methods Committee	8937
American Association of Economic Entomologists	16208 52042
North Central States Br	5904 93350
American Association of Nurserymen	65284
American Association of Textile Chemists and Colorists	8419 45134 62328 62404
American Bakers Association	88028
American Bankers Association	37089 37090
Agricultural Commission	71229 71230 80027
Forestry Committee	74966
American Bantam Association	92893
American Brewer	25768
American Butter Institute	26125
American Camping Association	64003
American Can Co	45404
American Chemical Society	35238
Div of Agriculture and Food Chemistry	36973 42974
American Corriedale Association	79383
American Cranberry Exchange	20959
American Cranberry Growers' Association	48826
American Cyanamid Co	
Chemicals Div	16166
Lederle Laboratories Div	67327 68349
American Dahlia Society	90709
American Dairy Science Association	78948 84026
Committee on Pasture Research	29670
Western Div	25891
American Dehydrators Association	8341
American Delphinium Society	48906
American Dry Milk Institute	70178
American Farm Bur Federation	28050 55739
American Farm Economic Association	37041
American Farm Research Association	38302
American Federation of Labor	71309
American Feed Control Officials	94887
American Feed Manufacturers Association	8342 94888
Nutrition Council	23185
American Forest Products Industries	22380 31323 31816 58644
American Forestry Association	3173
American Fruit Growers	8683
American Guernsey Cattle Club	4435 15339 59439 84027 92387
American Hampshire Sheep Association	5608
American Hereford Association	41940
American Horse Shows Association	67930
American Horticultural Society	73909
American Institute of Cooperation	46753 80549
American Iris Society	21022
American Jersey Cattle Club	84028 84029 92388 92389
American Kennel Club	23521
American Leather Chemists Association	9247 87746 95257

American Lumberman and Building Products Merchandiser, Item 50486
American Management Association, Item 69632
American Meat Institute, Items 9170, 9350, 26825, 36625, 36633, 95227
Committee on Textbooks, Item 26772
American Meat Institute Foundation, Items 36613, 38125, 45716, 45723, 51599, 53476, 87698
American Medical Association
Council on Foods and Nutrition, Item 76241
Council on Pharmacy and Chemistry, Items 6029, 33917, 68479
Committee on Pesticides, Item 77283
Committee on Rural Health, Items 71786, 80446
American Milking Shorthorn Society, Item 50967
American Museum of Natural History, Items 6375, 6425, 6924, 34308, 34365, 34605, 43480, 43721, 43834, 52807
American National Cattlemen's Association, Item 26830
American Oil Chemists' Society, Item 70906
Literature Review Committee, Items 54689, 62891
Seed and Meal Analysis Committee, Item 9382
Uniform Methods Committee, Item 36684
American Orchid Society, Item 65493
American Paper and Pulp Association, Items 3679, 32063, 32064
Committee on Coordination of Research, Item 3680
American Phytopathological Society Fungicide Committee, Item 47462
American Planning and Civic Association, Item 63681
American Pomological Society, Item 57435
American Public Health Association
Committee on Admin Practice, Item 59259
Food and Nutrition Sect, Item 61787
American Pulp and Paper Mill Superintendents Association, Item 75575
American Rabbit and Cavy Breeders Association, Item 36567
American Rose Society, Items 21023, 65494
American Royal Association, Items 4736, 23399
American Seed Trade Association, Item 73386
Hybrid Corn Industry-Research Conference
American Shorthorn Breeders Association, Item 92390
American Society for Horticultural Science, Items 1546, 48649
American Society for Testing Materials, Items 2630, 69543, 75549, 79230
Committee D-6 on Paper and Paper Products, Item 50526
American Society of Agricultural Engineers, Item 74693
Southeast Sect Committee on Supplemental Irrigation
American Society of Agronomy
Pasture Improvement Committee, Item 29670
American Society of Animal Production, Item 50932
Committee of Pasture and Range Investigations, Item 29670
American Society of Brewing Chemists, Items 7688, 25769, 78858
American Society of Civil Engineers, Items 965, 2535, 14060, 14089, 14090, 14118, 14156, 14157
American Society of Enologists, Item 53606
American Society of Farm Managers and Rural Appraisers, Items 35412, 71728
American Society of Range Management
Range Investigations Techniques Committee, Item 29670
American Society of Refrigerating Engineers, Item 9350
American Society of Sugar Beet Technologists Eastern United States and Canada, Item 39600
American Sugar Refining Co, Item 63091
American Tung Oil Association, Item 21424
American Veterinary Medical Association, Item 3971
American Watershed Council, Item 49518
American Wood-Preservers' Association, Item 41405
Americano A, Item 81930
Amerikaansche Maishuis, Item 29526
Amerine M A, Items 35440, 44644, 44645, 53607, 53608, 57577, 69758, 94630
Amerongen A J van, Item 15802
Amerongen G J van, Item 9591, 18724
Amersey P N, Item 26313
Ameryckx J, Item 74498
Ames B N, Item 64672
Ames L M, Item 28663
Ames R W, Items 20072, 72823, 81205, 81324
Ames S R, Item 54690
Ami J, Item 9898
Amich Gali J, Items 9171, 60111
Amick G, Item 79749
Amick W R, Item 55796
Amiet, Item 10943
Aminoff F, Items 58611, 66844, 83314, 91861
Aminul Islam M, Item 90289
Amiot M, Item 14146
Amlacher E, Item 60272
Ammal E K J, Items 662, 12130, 64611, 82296
Ammann A, Items 48141, 81568
Ammann K, Items 42453, 76521
Ammon R, Item 61515
Ammundsen V, Item 28003
Amon R, Item 50353
Amores Yepez H, Item 46207
Amormino V, Item 26637
Amoroso E C, Items 15066, 24146
Amos A I, Item 89046
Amos A J, Items 18361, 26638, 36316
Amos G L, Items 32180, 59113, 92009, 92010
Amos H, Item 8023
Amphoux, Item 85931
Amphoux R, Items 17289, 69072
Ampilogov A, Item 67533
Amschler J W, Items 4436, 4534, 42031, 54025, 76148
Amschler L, Items 51284, 67461, 92181
Amsden J, Items 25515, 58589
Amsel H G, Items 16939, 16940, 52744, 78058, 85932, 94046
Amsler F P, Item 90065
Amsler M, Item 48907
Amstein W G, Item 68382
Amsterdam Instituut voor de Tropen, Item 48650
Amsterdam Universiteit Hortus Botanicus, Item 88375
Amstutz H E, Items 42110, 51154
Amundson R, Item 75870
Amundstad A, Item 44841
Amundstad O, Items 8185, 44891, 69874, 69875, 78949, 78950
Amy A S, Item 20771
Anabuki Y, Item 92098
Anadón E, Item 6832
Anagnostopoulos C, Item 56964
Anand D M, Item 42032
Anand J C, Items 45430, 87323
Anand J G, Item 7414
Anan'ina I B, Item 54026
Ananova E N, Item 89180
Anantakrishnan C P, Items 26818, 28162, 62004, 72141
Anantaraman M, Item 16474
Ananthakrishnan T N, Item 69027
Anchel M, Item 89181
Anchelevich O, Item 91379
Anchin M, Item 33034
Anchorena C A, Item 69510
Ancona Camera di Commercio Industria e Agricoltura, Item 71363
Anconetani A, Items 7689, 25770
Andal M E, Item 37467
Andalò G, Items 9982, 55351, 95689
Andel O M van, Item 56760
Ander, Item 27877
Ander K, Items 77153, 77930, 78214
Ander S E, Item 45405
Anderes R L, Item 93239
Anderhub J, Item 93555
Andersen A, Item 45924
Andersen A C, Item 84239
Andersen A L, Items 72623, 89572
Andersen A P, Item 33956
Andersen B L, Item 41079
Andersen C H, Item 28287
Andersen E, Item 78629
Andersen E H, Item 23345
Andersen E T, Items 13443, 47876
Andersen F, Item 18061
Andersen H, Item 5285
Andersen J C, Items 27089, 35407, 68531, 88015
Andersen K L, Item 44116
Andersen K T, Item 78059
Andersen L, Item 3609
Andersen S, Items 25518, 103, 104, 14483, 43113, 81524
Andersen S G, Item 92792
Andersen T, Item 84440
Andersen V, Item 10944
Anderson A, Items 35797, 84437
Anderson A B, Items 3748, 22696, 22719, 67185, 75655, 75667
Anderson A E, Item 26773
Anderson A G, Items 53804, 62097
Anderson A H, Item 71747
Anderson A J, Items 39436, 40603, 49454, 66687
Anderson A L, Items 4223, 23046
Anderson A M, Item 29527
Anderson A P, Item 63092
Anderson A R, Item 78769
Anderson A W, Items 28288, 38196, 56007, 56008, 64007, 72181
Anderson B, Item 59545
Anderson B I, Item 11731
Anderson C, Items 46617, 78298, 88728
Anderson C B, Item 26261
Anderson C F, Items 33110, 51668
Anderson C G, Items 20118, 72528, 72884
Anderson C J, Item 31770
Anderson C S, Item 37768
Anderson C W, Item 38793
Anderson D, Items 19793, 41941, 46898, 66793, 87914
Anderson D A, Item 58852
Anderson D M, Item 46754
Anderson D S, Items 44739, 94699

	Item
Anderson D T	17215
Anderson E	56128
	65495
	72259
	73037
	81461
	90220
Anderson E A	3472
	22366
Anderson E B	7958
	30157
	44740
Anderson E C	10610
Anderson E D	25392
	61499
	69291
	86318
	94373
Anderson E E	23186
	23271
	32598
	45419
	51083
	54316
	55917
	62594
Anderson E G	12478
	90994
Anderson E H	73165
Anderson E J	6081
	16318
	30158
	36456
	52201
	77328
	87689
	93556
Anderson E L	28033
	46618
Anderson E O	35764
	44918
	53695
	79052
	79098
	94759
Anderson E P	83962
Anderson E T	12245
	30493
Anderson E W	48385
Anderson F A	27350
Anderson F G	29921
Anderson F W	13068
	30050
Anderson G	44961
Anderson G A	42111
Anderson G C	46758
	86124
Anderson G L	11227
Anderson G W	5792
	23894
	42112
	76724
Anderson H	7374
	83632
Anderson H C	36473
Anderson H E	50807
Anderson H G	19148
	71524
Anderson H O	27600
Anderson H W	72770
	81127
	81310
Anderson I M C	4737
Anderson I V	83315
Anderson J	15393
	23071
	27712
	32477
	34812
	75998
Anderson J A	12583
	54477
	54498
	70687
	79550
	87534
Anderson J B	64008
Anderson J D	36801
Anderson J E	55810
	95153
Anderson J F W	42515
Anderson J J	15500
	59440
Anderson J O	23791
	51601
Anderson J P	64169
Anderson J R	14517
Anderson J W	40911
Anderson J Z	55740
Anderson K	28157
Anderson K L	12717
	50719
	56725
Anderson L D	33918
	34553
	34554
	61151
	77329
	77643
	78060
Anderson L E	11524
	81053
	89390
Anderson L G	75820
Anderson L J	76155
Anderson M	31192
	49558
	73362
Anderson M A	31181
	31182
	48251
	57069
Anderson M L	14364
	14446
	31679
	75020
Anderson M N	66277
Anderson M S	14011
	14253
	14254
	31043
Anderson N J	21832
	46749
Anderson O	3681
Anderson O B	46517
Anderson O W	32223
Anderson P A	5765
	24257
	33673
Anderson P J	38833
	47463
	73694
	90493
	91502
Anderson R	1622
	8684
	10245
	31999
	40406
	67534
	73387
Anderson R C	8685
Anderson R E	35751
	70273
	76211
	79047
	79108
Anderson R L	82172
Anderson R M	5764
Anderson R N	94917
Anderson R S	2550
	21510
	66167
Anderson R W	23853
	23895
	23994
Anderson S T	80850
Anderson T C	74694
Anderson Mrs T C	45324
Anderson W A	27261
	46901
	57374
	84274
	92988
Anderson W E	38555
Anderson W H	77653
Anderson W J	12731
	12798
	14148
	37718
	37719
Anderson W L	27869
Anderson W P	23981
Anderson W R	9676
	14680
Anderson W S	18304
	57809
	79431
Anderson W T	59751
Anderson Z E	80679
	80680
Anderssen E E	43147
	72599
	73267
Andersson A	35875
	35876
	80705
Andersson B	4535
	50808
Andersson E	3389
Andersson G	9692
	12845
	71163
	74134
	90446
	90447
Andersson I	47354
Andersson J	67052
Andersson L	10849
Andersson O	14887
	32065
Andersson S	11288
	56080
Andersson Y	12330
	27351
	31287
	40951
	44073
	69307
Anderton J I	53489
Andes J O	38556
	38609
	64405
	72624
Andeweg J M	30397
	39157
	72885
	65817
Andison H	60900
Andlinger H	44359
	46175
	86485
Andrada E C	41132
Andrada E de C	58645
Andrade A C de	284
	56465
	56466
	56467
	56468
Andrade A N de	60586
Andrade B M de	90306
Andrade D X de	20611
Andrade J L de	17625
	81898
	81931
	83044
	88845
Andrade R	82946
Andrade T de	17713
Andral L	15449
	51634
	59339
André	787
André A	1032
André E	29449
André E	48574
	62892
	70907
	87130
André M	6337
	43370
	52338
	52339
André P M	5404
Andrea S d'	72083
	81822
Andreae B	1079
	1308
	39437
	40604
	83189
Andreae U	86196
Andreae W A	54344
Andreánszky G	89921
Andreas C H	11433
Andreas H J	70554
Andreasen R	66101
Andreasen R C	40563
Andreasen S	79120
Andreasi F	15256
	15327
	15832
Andreason R	74417
Andreev A V	92518
Andreev I	21799
Andreev K P	22880
Andreev M N	22881
	59260
	59330
Andreev M S	83989
Andreev V	36634
Andreev V A	66450
Andreev V N	29671
	47139
	96195
Andreeva A G	9619
	9620
	54843
Andreeva M	34986
Andreeva T F	12246
	20259
Andreĭcha N I	35441
Andrén F	380
	788
	19962
	39006
	47464
	89473
Andreo	59827
Andreoni A	22599
	22742
Andres	88029
Andrés F	7355
Andres J	4538
	22882
	42113
	76242
Andres J M	12191
	12192
	47810
Andrés P	17803
	54872
	88030
	95481
	95482
Andresen N	59752
Andreu E	68532
	85473
Andrew C S	66278
Andrew F W	25350
Andrew J	64309
Andrew J Jr	1137
	21228
	30398
	36221
	40150
Andrew R	27
Andrew R H	81525
Andrew W T	49123
Andrewartha H G	17141
	43114
	69009
Andrews A	6926
	33609
Andrews A C	5303
Andrews A L	56290
Andrews B	3573
Andrews E	28829
Andrews E A	40039
	64350
Andrews E D	79542
Andrews F N	3844
	32214
Andrews F R	73125
Andrews F W	57951
Andrews H C	53755
Andrews H L	53755
Andrews H N	64103
Andrews H N Jr	38332
Andrews J M	11228
Andrews J S	59261
	60446
	68323
Andrews L D	76914
	76915
	84993
Andrews L H	19160
Andrews L R	14414
	50163
	58685
	91927
Andrews O N	1278
	94231
Andrews P	88016
Andrews P B B	17208
Andrews S	7415
	10452
	10945
	19303
	28109
	44385
Andrews W B	13890
	30892
	40605
	49559
	69511
	74912
Andrews W P	6927
Andrews W S	65496
	73910
Andrianov I O	88064
Andrianov V	44962
Andrianova N S	52043
	85830
Andribet P	21645
	31288
	49560
	65066
Andrick L	74468
Andries A	64208
	65184
	49497
Andrievskiĭ A I	22454
	41308
	91972
Andrushchenko O N	44981
Androić M	43410
	85933
Andronov N M	58705
Andross M	7530
	26019
Andrus C F	2156
Andrus M	57910
Anema R G	4224
Anerud K	381
	68631
Anfimov A	36635
Angastiniotis E	96034
Angel A	48364
	65057
Angel T B Jr	23896
	42637
Angeleri D	16319
	93557
	93558
	93559

	Item
Angeles M S	27101
	36898
Angeli A	56129
	61900
	61901
Angeli L de	68521
Angelier E	68592
Angelini A	43746
Angelini F	64009
	95604
Angelis A de	25692
Angell G	21833
Angell G N	2887
	11981
	17903
	30012
	38794
Angell H R	11732
	11733
	28830
	64406
Angelo G G dell'	25771
	79773
	95324
Angelo M	15394
Angelopulo V	72911
Angelov S	67328
	83811
	84240
	85094
	87464
Angely J	11350
Angerer H	31067
	31068
Angerer W	2666
	54181
	57810
	78630
Angermaier L	58495
Angers École Supérieure d'Agriculture et de Viticulture	55622
Association Amicale des Anciens Élèves	
Angert L G	54829
Angevine N	17955
Angevine N C	26135
	26136
	26137
	70179
	70180
Anghi C G	42889
Angier H	10946
Angladette	12586
Angladette A	1167
	63600
	63601
Anglo-American Council on Productivity	27421
	30641
	53490
Anglo-Scottish Cattle Co	23072
Angney D H	18060
Angola Serv de Veterinaria e Indústria Animal	67249
Angot M	60449
Angove P C	48386
	81932
Angster H C	53367
	61688
	61689
	61690
	61691
	69505
	86503
Angstrom C I	5286
Angulo A	67329
	83812
Angulo J J	15132
Angulo Carpio M D	47909
Angus D E	29964
Angus T A	94047
Anhaeusser H	64778
Anheuser-Busch	11102
Aniansson G	17103
	86194
Animal Health Trust	83813
	84841
	84842
Anisansel A A	7690
Anisfeld L	28164
Anisimov A	41207
Anisimova A I	29929
Aniskina Z N	40504
Anjos J dos	8420
Ankel W E	16129
Anker D L W	37179
Anker J	47140
Anker L	56761
Anker W	29197
Anker-Rasmussen S	69676
Ankersmit G W	61152
	85606
	85934
	93351
	93734
Ankinovich G B	24473
	24613
Ankudinov A M	89573
Anley G	30159
Anley G G	1879
Annand P N	85338
Anne P	66279
Annell K A	83216
Annenkov M G	35442
Annett H E	49845
	66472
Annis E R	3972
Anokhin A	69377
Anokhin N	36636
Anpilogov M Z	56469
Anquez	62581
	70615
Anquez M	86697
Anreiter I	54641
Anreiter J	67330
Ansari M A A	39409
Anschutz R I	61902
Anselmi S	26919
	53756
Ansembourg V d'	105
Anson R R	79231
Anstett A	22053
	49413
	58590
Anstett M	3154
Anstrin H	3682
	32066
	50397
	91648
Ant-Wuorinen O	14888
	14914
	75685
	93648
Antelyes J	4856
Antes E E	46755
Antevs E	74824
Anthenaise G d'	54691
Anthon E W	6629
	33831
	34432
	34585
	47668
	52340
	52609
	56619
	72881
	85541
Anthon J H	50157
Anthony A	13144
	13145
Anthony D J	32438
Anthony D S	1035
Anthony E L	10611
Anthony F	7007
	86314
Anthony J L	74542
Anthony K R M	52610
Anthony R D	1860
	12928
Antichan C	82799
Antigny J	12134
Antigua Experimental Scheme	73663
Antioquia Secretaria de Agricultura	40319
Antipin D N	22883
Antipin N A	48387
	90307
Antipov N I	58263
Antipov V	25412
	78429
Antipov Karataev I N	40564
	40606
Antipov-	91772
Antles L	48688
Antognini J	13532
	21340
	21341
Antoine A	51894
Antoine M	34212
Antoine R	75686
	83504
Antolisei G	74695
Antonelli A	32686
Antonelli C	13773
	13969
Antonelli G	44646
	88548
Antonetti F	92730
Antoniani C	8186
	8660
	44963
	79469
	87042
Antonietti A	55016
Antonioli I	93560
	95209
Antonioletti M	29528
	88308
Antonov I	25282
Antonov S	53696
	94700
Antonova V V	33521
Antonovskii S Iu	62582
Antontsev P F	43279
Antony J	34267
Antram C B	61153
Antropov V I	1080
Antsiferov P M	77387
Antunovich J	67782
Antwerpen G van	90945
Antze	69502
Anuchin S A	87172
Anunciación C	27102
Anwer A A	62329
Anzalone B	47214
Anzilotti F	91649
Aoki A	82877
Aoki T	89810
Aomine S	30710
	74406
Aomori-Ken Japan. Aomori Horticultural Experiment Station	20910
	40853
	47355
Apal'kov I E	37455
Apanas'ko V	55623
Aparicio Sánchez G	36474
	85036
Apenitis A	28831
Apice M d'	33706
Aplin R D	95364
Apodaca A G	46619
Apold L J	9899
App B A	6404
	77929
	93735
App F	6954
	40257
	74135
Appalachian Hardwood Manufacturers	31817
Appanna M	16214
Appathurai R	38938
Appel H	93561
Appel O	89474
Appel W D	45144
	45145
Appelroth E	3657
	50205
	75133
Apperson J S	66794
Appert J	16793
	52611
Appert N	7164
Apple S B Jr	49561
Applebaum W	44429
Appleby T R	34947
Appleman D	73313
Appleman M D	54225
	70529
Appler H	81311
Appleton A F	25707
Appleton J M	40607
	49519
	58191
	73357
	74493
	82800
Applewhite J D	71762
Appleyard B	30160
Appleyard R	84751
Aprison M H	29007
Apt A C	5919
	70688
Apt F S	45406
Aquino G V	21522
Aragaki M	19963
Aragão H	77592
Aragon Leiva P	5596
Aragona G	64870
Aragunde L C	59288
Arai R	28415
	80882
Arai T	64852
	70349
	72258
Arakawa K Y	24905
	77926
	77927
Arakawa M	93789
Arakeri H R	48197
Araki Y	28509
Arambourg C	28379
Aramburu H	59996
Aramendi M C	83936
Arán S	22884
	41915
	43280
	55148
	68186
	70776
	71364
	93181
Arán San Agustín S	8024
	35752
	44892
Arana L A	16167
	43253
Aranda Heredia E	53155
Arandi P	50966
Araneta S	27103
Araneta V A	44553
Arango R	18751
	21024
	36900
	44647
	45603
	65367
	71231
	72182
Arango Cano J	78859
	86698
Arango Uribe E	65818
Arant F S	33832
	52044
	52162
Aranza A	81206
Arashi K	73038
Arasimovich V V	20433
Arata C N	23345
	92577
Aratani K	39523
Araujo A Á de	2631
	5013
	39438
	48388
	57180
	90308
Araujo J E G	47877
Araujo P A de M	38413
	89807
Araujo T L de	15676
Araujo W A de	91180
	82713
Araujo e Silva A G d'	25098
Araujo e Silva O B de	1309
	83725
Araujo Flores H	15223
Aravamuthan V	40931
Arber A	19631
Arbeitsgemeinschaft Deutscher Rinderzüchter Arbeitsausschuss für Rinderbesamung	92391
Arbeitsgemeinschaft Getreideforschung	45487
	87530
Arbeitsgemeinschaft zur Förderung des Futterbaues	48389
	57181
Arbel	86328
Arbel L	52920
Arbenz	80366
Arbingast S A	9383
Arbogast C F Jr	31583
Arboli Hidalgo J M	91798
Arbour M B	19304
	71787
Arbuckle W S	26138
	44964
	70181
	94827
Arburua J M	3973
	22885
Arbuthnot K D	93421
Arca-Parro A	27781
Arcadia Equipment Development Center	3499
	14650
Arcedo P Y	46751
Arceneaux G	82538
	89475
Arces J d'	22779
Archambault J	83726

	Item
Archer-Daniels-Midland Company	44554
Archer E	13655, 21425, 65449, 70849
Archer R C	17209, 34750
Archer W A	28474
Archibald E E A	3288, 11434, 90186
Archibald E S	88452
Archibald J	4857
Archibald J G	7959, 69252
Archibald R	92038
Archimowitsch A von	1513, 93353
Arcken J A M van	88309
Arco J L del	10950, 27322
Arco-Zinneberg U P Graf	50206
Arcularius	85037
Arcularius H	92183
Arcuri F	60450
Arderíu V M	24095, 45688, 45708, 51758
Ardigo A	71672
Ardiwinata R O	14076
Ardizio P	87876
Ardo P	77917
Areba Blanco J de	50809
Aref'ev T	27352, 86220
Aref'eva V A	58841
Arefjev T	53156
Arellano R	22515, 31916
Arellano R C	65497
Arellano Bonilla R	39313
Arena A	49414, 49415, 83045
Arena P	49520
Arend A G	789
Arend J L	14553, 50285, 75576, 91742
Arends D	63478
Arends W R	70294
Arenes J	133, 28379, 47688, 56190, 72355
Arens K	38885, 39008
Arens P L	49385
Arentsen S S	11579
Arenzaga R de	26639
Ares F N	38271
Arespacochaga J de	45752, 55352, 87824
Arespacochaga M de	88968
Aresvik O	96035
Arey L B	33718
Arfidi M A K	1296
Argenti G	94215
Argentina Dirección de Granos y Elevadores	87531
Dirección de Fomento y Contralor de la Producción	79543
Dirección de Laboratorios	26640, 54067, 54421, 79544
Argentina Dirección de Serv Técnicos	71748, 71749
Argentina Dirección Forestal	21025, 66795
Argentina Dirección General de Fomento	8421, 48651, 49124, 63957, 71365
Argentina Dirección General de Producción Animal	
Dept de Inseminación Artificial	50655
Dirección de Granja	51519
Argentina Dirección General de Sanidad Animal	52341
Contralor de Productos Veterinarios	
Argentina	52398
Dirección General de Sanidad Vegetal	52498, 52745
Argentina Instituto de Fitotecnia	507
Argentina Instituto de Ingeniería Rural	52921, 52922
Argentina Instituto de la Nutrición	63911, 72142
Argentina Instituto de Microbiología Agrícola	7449
Argentina Instituto de Suelos	86520
Argentina Ministerio de Agricultura y Ganadería	26364, 29838, 33736, 47111, 47689, 50656, 55954, 83727, 83815, 83816, 83990, 95690
Dirección de Lechería	51285
Argentina Ministerio de Asuntos Técnicos	88928
Dirección General del Serv Estadístico Nacional	
Arghinenti G	91380
Argikar G P	56675
Argondelis N	87409
Argoud S	79820
Arguelles J S	82807
Arguelles P L	42728
Argueta J M	39371, 90262
Arias J B	21511
Arias Fajardo E	55149
Aries L	22886, 32300
Aries R S	41614
Arima K	2, 80903
Arimoto I	96111
Arimoto K	11020
Arioux A J	7691, 86699, 88929
Aristegueta L	11229, 89277
Aristova V P	84175
Aristovskaîa T V	40490
Arisumi T	20911
Arisz W H	39009
Arita M	47735
Arizona Feed Control Office	87131
Arizona Fertilizer Control Office	83158
Arizona State Employment Serv	80084
Arizona State Entomologist	52045
Arizona State Land Commissioner	10246, 55353
Ark P A	525, 11351, 47607, 47608, 72802
Arkansas Dept of Education Div of Vocational Education	37922
Arkema P W B	6955, 7087, 7088, 7191, 12958, 44063, 52923, 61335, 70295, 88270
Arkhangel'skiĭ B E	94386
Arkhangel'skiĭ N N	34433
Arkhangel'skiĭ V D	59132
Arkhipov M I	26315
Arkhipov V V	3974
Arkin D	69567
Arlandis I B de	8422
Arlington V	51966
Armancourt H d'	65001
Armand D L	41037
Armand J E	24717
Armando M	7692
Armas J L	54027
Armas J L de	9172
Armbruster	62005
Armbruster E	32032, 67115, 67128, 67129, 75536
Armbruster G A	66218
Armbruster M E	80851
Armbrustmacher H	55009
Armellini S	90596
Armenise V	20145
Armer A	9650, 25178, 48599, 53016, 79917
Armer W	40258
Armes A	94444
Armes M J	10247, 62281, 65819
Armiger W H	2592
Armilhon J	58646
Armington J M	94473
Armistead W W	42369, 75821
Armitage Mrs C	77330
Armitage G	79232
Armitage H M	77931, 77932
Armitage J	94048
Armitt J H	19632
Armon W J	30791, 30792, 30793, 31282, 31286
Armore S J	95327
Armour A R	26316, 51772
Armour C J	64392
Armour M L	83728, 92184
Armour and Co	9374, 70822, 70823
Armsby H H	10612
Armster C O	5098
Armstrong Mrs A	8423
Armstrong A M	72260
Armstrong D S	19465, 55815, 55816, 80601
Armstrong F H	3801, 15014, 15015, 32181, 75710, 83677
Armstrong F K	53889
Armstrong G	5905
Armstrong G M	64407
Armstrong H A	38125
Armstrong J	5131, 7282, 10248
Armstrong J A	57789, 65498, 74118
Armstrong J G	7416
Armstrong J J	14889
Armstrong J K	64407
Armstrong J M	1310, 48390
Armstrong J T	4738, 23400, 51286, 76419
Armstrong K G	62506
Armstrong L D	15022
Armstrong L M	41942
Armstrong L W	11343
Armstrong M M	45403
Armstrong N D	82126
Armstrong O	80789
Armstrong P J	15501
Armstrong P S	36105, 63351, 79331
Armstrong R H	48187
Armstrong T V	44792, 62066
Armstrong V	46745, 46756
Armstrong W	73798
Armstrong W D	39856, 43836, 57519
Arnaboldi R	82539
Arnaiz G	26920
Arnaiz Vellando G	54068
Arnal A	93297
Arnala R	382
Arnaldo M R	732
Arnandez J L	42114, 42115
Arnao Mendoza M	67331
Arnason A P	5884, 68383
Arnaud J	31289
Arnaud P H	24784, 24980, 52499, 77999
Arnaudi C	17816, 35601
Arnautov V V	790, 2157, 90914
Arnautow W W	40151
Arnberg B	52509
Arnborg T	22326
Arndt A	66280
Arndt E	26443, 79332
Arndt H von	90710
Arndt M H	48908, 57630
Arnell S	11525, 89391
Arnett R H Jr	6405, 77654
Arnette de la Charlonny L	88695
Arney S E	73093
Arnim H Graf von	22179
Arnim W von	9983, 9984, 9985, 45604, 46206, 53226, 53805, 55150, 67462, 69073, 71366, 72022
Arnkil J E	67040
Arno J R	49503
Arnold A	12247, 42638
Arnold B	80447
Arnold B L	4437, 82847, 95300
Arnold C	29921, 30399
Arnold C A	72261
Arnold E L	25151, 94494
Arnold F	75738
Arnold F J	51287
Arnold G	47616
Arnold J R	34425
Arnold L	19730
Arnold L E	81784
Arnold L K	23795, 36685
Arnold P	21026
Arnold P T D	59549, 76149, 76201, 76248
Arnold R E	1880, 13146

	Item
Arnold R E	30161
	48909
	57631
	65499
	82297
Arnold R M	85542
Arnold T	83968
Arnold-Forster J	3361
Arnol'di K V	33793
	85831
	93298
	93354
Arnon D I	12248
Arnon J	20640
Arnot E M	74696
	74697
Arnott D R L	62179
Arnott I	36125
Arnott J H	60691
	93607
Arnovosky S I	87532
Arnow P	29198
Arnshtein G E	31872
	58914
Arnst A	4748
	22476
	22632
	50431
Arnswaldt H J von	31597
	50148
Arny D C	38646
	47356
	56470
	56471
	57136
	81264
Aro P	74967
Aro V J	27089
Arola V A	74234
Aron G	59077
Aronoff S	12249
	20434
	47878
	64863
Aronovsky S I	54422
	79545
	79546
	83613
Aronow W A	95090
Aronson A S	7851
Arostegui P M	21229
Arras G d'	86182
Arrés J	67955
	92894
Arribas Arranz F	67431
Arribasplata B C D	67463
Arrieta E C	79359
Arrieta M L	25085
Arrighi de Casanova	31070
Arrington L G	52163
Arrington L J	27782
Arróniz C	2158
	74136
Arrow G J	6695
Arruda A F de	29877
Arruda B	4934
Arruda E R de	91675
Arruda H C de	29839
Arruda L F	56376
Arruda P de	74339
Arruda S C	11959
	19964
Arscott G H	76706
Arsenault L	67988
	86285
Arsen'ev N N	79233
Arsenov V G	77331
Arshansky J	18305
Artamonov A	71311
Artamonov A N	65820
Artaud	88679
Artemenko A K	75037
Artem'ev IU	53157
	61516
Artemov K D	77332
Arter W	94445
Arthaud V H	67535
	76202
Arthur C R	19305
Arthur D	23879
Arthur D R	16130
	52342
	60750
	60751
Arthur F S	38010
Arthur G H	4537
	93153
Arthur H A	94287
Arthur I W	27866
Arthur J C Jr	9432
	38047
	79234
	79800
Arthurs R C	63150
Arthurs W C	63151
Artigas González J	21230
Artimo A	67001
Artioli D	36549
	36550
Artis J W	37741
Artiukh I A	70870
Artiukhov I K	58225
Artiushenko Z T	38886
	47977
	89811
	89812
	89840
Artman J O	14365
	49521
	75038
Artom A	11137
	17870
	90386
Artozoul J	39890
Artschwager E	20409
Artschwager E F	20146
Artsikhovskaîa E V	64843
	95043
Artz L	11435
	38414
Aruga H	78239
Arval J	63547
Arvidson B	75408
Arvidson R B	24059
	84938
Arvidsson I	12250
Arvidsson M	71163
Arvidsson U B	11147
Arx J A von	47465
	47466
	56320
Arze L O	10453
Arzîakov I	75289
Arzilla G	43057
Arzumanîan E A	32478
	67594
	75724
Arzumanîan V I	60393
Arzumanova A M	791
	20260
Asahina Y	241
	11580
	11581
	28664
	47331
	56003
	72466
	81079
Asakura K	73799
	73911
	90542
Asamblea Latinoamericana de Fitoparasitologia	11618
Asami	26736
	26739
Asana R D	2328
Asano H	47986
Asanuma K	60792
Asao T	45072
Asayama E	73912
Asbach	35030
Asbell D M	26482
Aschaffenburg R	4438
	23187
	51084
	78989
Aschehoug V	25666
Aschmann H	53381
Aschner M	64803
Ascoli A	41769
Ascoli W F	24811
	85733
Asdell S A	59656
	84413
Asdonk	37259
	46209
	55151
	55152
Asdrubali M	36551
Aseeva K B	39240
Asenjo C F	55918
Asgeirsson B	96036
Asgeirsson R	13147
Ash C	17371
Ash C R	51811
Ash J	52500
	93693
Ash L W	3500
Ashbaugh V J	53697
Ashberry A	30162
	39927
Ashbrook F G	23047
Ashby A W	19255
	35877
	37704
	53439
	69074
Ashby E	725
Ashby R C	45824
Ashby W	17676
	25366
	93381
Ashcroft E	10454
	69512
Ashcroft T	30163
Ashdown D	43257
	52164
	68480
Ashe A J	36791
	51288
	54759
	63558
Ashe G H	85607
Ashe H J	55059
Asher A J	34747
Asher T	16083
Ashfield H E	53163
Ashforth H	36457
Ashihara Y	93260
Ashley E	16320
Ashley G	57811
Ashley T E	1314
	95842
Ashplant H	49336
Ashton E	23073
Ashton E D	53698
Ashton G	51911
	51912
Ashton G C	60413
	60414
	60433
Ashton H	45135
Ashton J	27422
	32479
	32480
	32481
	41943
	41944
	84030
	92392
Ashton J R	3155
	17482
Ashton L S	1791
	49125
	57632
	65500
	83168
Ashworth R de B	80384
Ashworth U S	17879
	23191
	25969
	78990
	79087
Ask E	7960
Ask W	9692
	71163
Askarova S	11972
Asker A A	4384
Asker B	73913
Askevold I	62583
Askew H O	792
	22013
	30893
	47879
	88104
Askey A	25893
Askin T	27601
Askinazi D L	89105
Askwith T C	37915
Aslam M	39737
Asland O J	8093
Aslander A	10249
	21342
	21512
	27602
	34987
	55153
Aslanîan E E	30053
Aslanîan G Sh	81752
Aslanîan M M	24111
	85138
	33610
Aslanîan Sh G	20127
	47141
Aslying H C	21646
Asmis	44532
	88729
	95691
	95951
Asmundson V S	5132
	23716
	23897
	23992
	33250
Asmus M L	67953
Asmussen R W	18061
Aso K	50634
	62485
Asociacion Argentina Criadores de Cerdos	5852
Asociación Cafetalera de El Salvador	63956
Asociación Colombiana de Ganaderos	18488
Asociación Nacional de Productores de Leche	7852
Asociación de Técnicos Azucareros de Cuba	79918
Asociación de Técnicos Azucareros de Puerto Rico	29840
	31183
Asociación Nacional de Uniones de Crédito Agrícola y Ganadero	95778
Asociación Rural del Uruguay	79700
Junta Directiva	19394
Asociacion Uruguaya Criadores de Hereford Americano	67464
Aspe P d'	18968
Asperen K van	42639
Asperen Vervenne B van	5405
	18718
	33475
	60190
Asplin F D	60112
	84843
Asplund G	92131
Aspman K	69677
Asquith D	19927
	24363
	47357
	52046
	52343
	52344
	64310
Asquity D	6338
Assam Civil Veterinary Dept	22887
Assam Dept of Agriculture	38152
	95692
Assche F van	13444
	28722
	65821
	82479
Asselbergs C J	9690
Asselstine H G	87043
Assenmacher I	5293
	84844
Assis F de P	84088
Assis-Fonseca E C M d'	16667
Associação dos Criadores de Cavalos Crioulos	76611
Associação Paulista de Criadores de Bovinos	92669
Associated Co-operatives	80546
Associated Country Women of the World	10582
Associated Milk Foundation	17956
Association des Distributeurs de Lait de la Province de Quebec	44842
Association Forestière Québecoise	3214
	55741
Association Française des Ingenieurs de l'Industrie du Caoutchouc	63036
Commission des Produits Finis	
Association Internationale des Fabricants de Superphosphatte	14257
Association of American Feed Control Officials	18022
Association of American Railroads	69579
Accounting Div	35247
Association of American Soap & Glycerine Producers	36686

	Item
Association of Applied Biologists	63958
Association of Food Industry Sanitarians	44555
Association of Land-Grant Colleges and Universities	10613 27423 27923
Committee on Trends in Graduate Schools	10614
Association of Masters of Harriers and Beagles	23475
Association of Official Agricultural Chemists	53405
Association of Official Seed Analysts	27074 45925
Association of Scientific Workers	38153
Association of Southern Agricultural Workers	80547
Association of Sugar Producers of Puerto Rico	71111 79919
Association of Virginia Potato and Vegetable Growers	87311
Associazione Agricoltori di Bologna	80069
Associazione fra le Societa Italiane per Azioni	88138
Associazione Granaria di Milano	8938
Associazione Italiana fra gli Industriali Molitori	8939
Associazione Nazionale delle Bonifiche Irrigazioni e Miglioramenti Fondiari	10017 14043
Associazione per lo Sviluppo dell'' Industria nel Mezzogiorno	35195
Assunção R	91591
Ast O	92468
Astapov S V	40774
Astaurov B L	61281
Astbury W T	35926 54069 62331 70350
Astfaller B	16941
Astleford G	26641
Astley R	32482 42256
Astorga J R	27783
Astorga M	733 9384
Astorga Barriga E	19306
Astorga C M	1299
Astrand H	80123
Astre G	23670
Astrego J J	2159
Astrup M H	30164
Astudillo J	14147
Astvatsaturov G	61517
Asunmaa S	59112
Atakan T	75822
Atamanenko A N	39439
Atamanov V	58798
Atanacković S	16522
Atanasiu N	1081 58302 58303 82874
Atanasiu P	23898 51602
Atchison J E	7478 67151 75577 75578 79547 79548 79920 83600 95483
Atchley F M	46210
Atchley F O	15903
Athanassof N	32814 33029 33072
Atherton G H	22678
Atherton J C	37769
Atherton R P	3845 40608 57045
Athmer J H	27424
Athow K L	65101
Atijas A	76632
Atkeson F W	76247
Atkins C D	8920 45461 79428 87366
Atkins D	87427
Atkins E L	21027 5915 24369
Atkins E L Jr	43747 52746 78061
Atkins F C	8686 27699 35109 90915
Atkins H	92895
Atkins I M	1138
Atkins J	74952
Atkins J G Jr	64408 81207
Atkins P	72625 39928 73914
Atkins W G	87173
Atkins W R G	28158
Atkinson F E	36160 79372
Atkinson F M	87533
Atkinson H	49126
Atkinson H B	3012
Atkinson H J	49441 49447 66676
Atkinson J D	548 20073 20261 47880 73094
Atkinson L J	63200
Atkinson L R	72442 72443
Atkinson M	19514
Atkinson R E	25773
Atkinson R L	23792 23793 33179
Atkinson T S	17440
Atlas Powder Co	61837
Atlason A C	92393
Atmore S	2028 2029 2030
Atrops E P	45341 87482
Atrygan'ev S	1490
Atsbury A	74825
Attaya R B	2228 79470
Attems C	24672 52345
Attenberger J	49562 75233
Attila C	66241
Attimonelli R	7450
Attinà S	22888 50810
Attuoni P	80933
Attygalle A B	95560
Atwood G S	39440
Atwood S S	27075 81462
Au R J	5037
Auber R	285
Aubert C G	91676
Aubert G	2514 40641 74499
Aubert J	78251 78252 78253
Aubert P	1623 8814 65413 87431
Aubert S	3
Aubert de la Rüe E	11352
Aubin L	90615
Aubréville	22076
Aubréville A	29050 67013 75409 83368
Aubry-Dusoulier J	76507
Auburn Fruit Exchange	45264
Auchter R J	83601
Auclair J L	60500 93975
Aucouturier	55010
Aucouturier G	88310
Audant A	63959
Audas J W	19794
Auden J	2955
Audera V	9487
Audera Oliver V	70908
Audette S	3204
Audi S	84682
Audibert M	17714 61903 82237 86125
Audibert R	66722
Audidier L	67595
Audisio H S	52747
Audley R S	26317 45136 54070
Audorff H	86433
Audric J	55624
Audus L J	74444
Audy J R	34159 60775
Auer C	31891 41309 58928
Auer F	16321
Auer J	92981
Auer V	14672
Auerbach C	6506 77812
Auerbach M E	42638
Auerbach R C	17759
Auerbach S I	60752
Auersch O	68632
Auffret P	37918
Aufhammer	57046 57047 64955 96248
Aufhammer G	18362 20520 20521 73388
Aufricht H	37260
Augé	30645
Augé F	37845
Auge-Laribe M	7656
Augelli J P	37730 37750
Auger A	18363 79549
Aughanbaugh J E	14681 47142 75380
Augier J	38415 90141
Augier P W	91636
Auglend R	53699
Auguste A	13130
Auguste M	48689
Augustin	95220
Augustin S	6628 36312
Augustine G M	11021
Aukrust L O	42918
Aul H B	1881 1882 21028
Aull G H	17210 37183 52924 80124 95585 95636
Aull W F Jr	26145 35805
Aumüller F	36317 57182
Aun H	67033
Aunan W J	5765 16065 24257 33672 33673 62812
Aung Din U	83380
Auriol P	84241
Ausemus E R	48219
Ausfelder H	20641
Ausfelder H A	61557
Ausilio M d'	17117
Ausman L V	44075
Ausserwinkler H	27353 64612
Ausset F	84031 83523
Austern H T	35283 44486 83524 83532
Austin C J	53913
Austin C R	41770
Austin G H	45595
Austin H L	36222
Austin L	65501
Austin M E	30837
Austin N	27924
Austin R C	63152
Austin T	58799 91743
Australia Bur of Agricultural Economics	36254 36255 37569 62332 80013 87813 87981
Australia Bur of Census and Statistics	7657 14890 19589 22516 25179 25774 25775 25776 26571 26642 26872 26873 28110 35868 35869 36303 44615 45465 54020 61881 62649 86677
Australia Canned Fruits Board	26570
Australia Commonwealth Scientific and Industrial Research Organization	964 6785 24453 39436 92069 96164
Div of Forest Products	3215 3216 3574 3575 3586 3600 3629 3777 3802 3803 3804 14858 14967 14968 14994 15016 22549 22596 22720 31948 31972 32149 32150 32182 32183 32184 32185 50493 50611 50636 59113 64612 83523 83524 83532 91994 92010 92141
Australia Dairy Produce Board	62006
Australia Dept of Commerce and Agriculture Bur of Agricultural Economics	26906 45137
Australia Dept of External Territories	9986
Australia Dept of Health Div of Veterinary Hygiene	56359 23001 85591
Australia Dried Fruits Control Board	36304

	Item
Australia Egg Board	36761
Australia Forestry and Timber Bur	66796
Australia Fruit Industry Sugar Concession Committee	62650
Australia Meat Board	54554
Australia Ministry of National Development Div of Industrial Development	26318
Australia Tariff Board	22577
Australia Wine Board	35444
Australia Wool Board	45138
Australian and New Zealand Greyhound Association	42322
Australian Corriedale Association	60304
Australian Dried Fruits Association	26139
Australian Honey Institute	18461 87690
Australian Jockey Club	15648
Australian National Publicity Association	37261
Australian Paper Manufacturers	41504
Australian Society of Breeders of British Sheep	24112 33522
Australian Sugar Producers Association	80602
Australian Veterinary Association Investigation Committee	5655
Australian Wool Realization Commission	45139 54071 70351
Austria I V	5406
Austria Statistisches Zentralamt	7658
Autheville P d'	92242
Automotive Industries	53158
Autosexing Breeds Association	23717
Autret M	63879 96112
Autrey K M	15539
Autrum H	77154 77155
Autuori M	61103
Auwera G van der	13031 49127
Auwermeulen E van der	79811
Avaev A	66931
Avall H	2364 82802 90945 90995
Avampato J E	51099 59563 84284
Avanzi M G	663
Avasthi P N	61060
Aveline J	76000
Avellaneda M	2709
Avendaño J	18892
Averill W S	9977
Avery A C	35366 37011 69611
Avery C J	43148
Avery G S Jr	56130 56176 73095 73096 73097
Avery T B	5484
Avery V A S	1883 73915
Avet C A	10455
Avetisian G A	24474
Avi M	92153
Avidor J	53914
Avidov Z	61104 78000
Aviles Ramirez E	36974
Avis F R	24096
Avisiers I	70352
Avisföreningen för Svensk Röd och Vit Boskap	59441
Avotin-Pavlov K IA	91800
Awai Y	42066
Awasawa T	42915
Awatramani N A	63162
Awbrey R B	44354
Axelrad F F	70871
Axelrod B	20351 64706 73314
Axelrod D I	19731
Axelrod R I	47143
Axelson J W	63299
Axelsson F	74137
Axelsson J	32599 41678 42319 50686 51085 59163 59164 59546 60407 75739 76151 83729 84159 92185 92394 92519
Axley J H	30772 74543
Axon G R	45466
Axton E D Jr	15254
Ayala E	23794
Ayala Martin E	33508
Ayala Viguera F	88453
Ayars J S	77813
Aycock M E	42257
Aycock R	89701
Ayengar B R Y	70909
Ayer F H	39929
Ayers A D	2551 2557 2558 2845 29199 33009 81526 89922
Ayers A L	70910
Ayers A R	34965
Ayers H D	2533 [illegible]
Ayers J H	83381
Ayers T L	12798 14149 40854
Ayers T T	81160
Aykroyd W R	19515
Aylward F	7531 28159 78815 86633 95154
Aymeric	35146
Ayoutantis A J	24364
Ayres A	62486
Ayres A S	74445
Ayres J C	26817 36610 79739
Ayres M A	12075
Ayres S Jr	48910
Ayrshire Breeders' Association	4257 92395
Ayrshire Cattle Herd Book Society	4258
Ayyar N K	57184
Azab Y E	64409 64543 72626 72824
Azad R N	47594
Azarashvili P B	25777 35445 78860
Azariah H S	19161
Azatian A N	29200
Azevedo J G de	9292
Azevedo O de	2515
Azevedo R de	72023
Azevedo R N C de	66473
Azevedo Pereira J	71112
Azimov G I	22889
Aziz A	7486
Azizuddin I M	51603 76243
Azores Comissão Reguladora dos Cereais	8940
Azorin F	26921
Azzaroli F	20960
Azzi G	56084
Azzi R	65368
Baade	16042
Baade F	26643 45265
Baade G A	51887
Baader G	16042
Baak W	3561 3562 91801
Baas J	52612 85608
Baba A	58394
Baba K	50275 86562
Babad J	53850 53914
Babb G F	1884
Babb M F	40699 91729
Babbitt D	27925
Babbitt D M	55875
Babcock C G	44832 53851 53852 86978
Babcock C J	47215
Babcock E B	15055 41679
Babcock J B	2552
Babcock K L	15766
Babcock M C	88991
Babcock M J	18928
Babcock R	87044
Babel F J	37477 53364
Babenko A	8941
Babendererde W	93936
Baber E G	93299 93642
Babers F H	94889
Babich A G	88031
Babich Kh Kh	63300
Babichuk I	58306 94775
Babione F A	27354 94308
Babiĭskiĭ B	49846
Babkov I I	53234 55354
Babo von	23358
Baboshina N N	79384
Babson R W	3975 3976 4538 15133 51819 84845 85095
Babudieri B	25629
Babudri F	69308
Babuk V	79896
Babukha N L	60494
Baca A C de	90916
Baca N C' de	26321
Bach H	26501
Bach J	26601 28160 35362
Bach R	51820
Bacharach A L	35710
Bacharan M	73352
Bachellerie G	90711
Bacher I	57812
Bacher J G	43088
Bacher T	6053
Bachman B A	5358
Bachman G B	71673
Bachir S	16475 43748 52748
Bachman K L	9987
Bachmann F	77814
Bachmann H	5546 5547
Bachmann M	23899 42258 59753
Bachmann W O	41771 41772
Bachmanov V A	13148
Bachner	64871
Bachrach H L	59554
Bachrach L F	2701 2702 13843 13891 30843 30894 40565 74544
Bachstez M	13766 13927
Bachtell M	15099 84098
Bachtell M A	34396
Bacigalupo F A	50527
Bacigalupo J	85438 11436 19806 21029 30165 39930 39931
Back E	72356 72952
Back R C	63919
Backeberg C	65822
Backer	69513
Backer P de	26644 31931
Backes J V	47216
Backhausen J	75445
Backman A L	39183 47881
Backman O	14366
Backus G E	46510
Baclawski J A	36975
Baclig A F	1059 64872
Bacon C W	33877
Bacon J S D	34553 43211 43212 52659 61074 61151 68837 77244 77635 77636 93978
Bacon O	4858
Bacon O G	39601
Bacq Z M	5287
Bacs G	61558
Baczkowska H	23610
Badalbaev S A	62004
Badame G F	14017 21916
Badami M C	19572
Badcock W J	71788
Badeer H	9385 26444
Badel C E	78745
Badell C E	42890
Badenhop M B	7451 73039 89923 95952
Badenhorst D F	29608
Badenhuizen N P	87381 87382
Bader J	1033
Badger C J	76244
Badger H T	69176
Badhwar R L	90917
Badiali L	27355 45076 45077
Badillo P P	32815
Badina G V	59262
Badir'ian G	2163 21234 22312 75159
Badir'ian G G	85038
Badnjević B	9988
Bador C	14797 32122
Badré L	89182
Badreldin A L	10947
Badzhadze I	64956
Baechler R H	12898
Baehni C	4259
Baehr H A	32483
Baekgaard H C	5407
Baekhøj K	45926
Baekkedal H	88730
Baelum J	8919
Baensch H U	67130
Baepler F A	22943 85708
Baer B H	46211
Baer F H	46362
Baer J G	86942
Baer K A	349
Baer M F	34213
Baer W	30900
Baerecke M L	57633
Baerg W J	38557
Baeyens J	28832
Bagby M	72953
Bagchee K	
Bagchee K D	
Bagda H	

Bagdasarashvili Z G 89924
Bagdonas V 16016
Bagedda G 67332, 84500, 92243
Bagenal N B 20784, 39702, 48690
Bagenal T B 19590
Bager E 75039
Bagge F 7569, 17643, 44533, 78795
Bagge H 48348
Baggiolini M 34434, 39857
Baggs W L 9792
Bagley L Z 15429
Baglioni S 72127
Bagmet M 24221
Bagnall N 33611
Bagnall R H 47640
Bagni I 48252
Bagnoli E 65067
Bagshaw G 27663
Bagué J 9173, 67250, 59263
Bagwell L 68170
Bah H S 44556
Bahadur B 11103
Bahamonde Palma N 37135
Bahnsen B 62333
Baichwal R S 89476
Baidalin A IA 33035
Baidikov V I 12952
Baier J 77333
Baier W 41773, 73737, 75823
Baigent C H 74235
Baijot S 66474
Baiko V P 39441
Baikov G K 13073
Baikov M 42891
Baikov M I 60305
Baikovskaia T N 47144
Baikow V E 27104
Bail A 6956, 86249
Bail J P 95953
Baileg J 4539
Bailey A E 9456
Bailey B 9334
Bailey C H 8942
Bailey D L 64010, 96196
Bailey D W 57520
Bailey F 44965, 46176, 63352
Bailey F L 73767
Bailey F M 16943, 43749
Bailey G L 53757, 76152
Bailey H G 9293
Bailey I W 38401, 38887
Bailey J 67333, 93240
Bailey J E 79531
Bailey J H 28112
Bailey J L 83312
Bailey J M 73315, 93241
Bailey J W 15395, 15396, 22890, 23272, 32687, 52909, 54610, 59609, 59828, 67334, 67596, 92670
Bailey L 24475, 93562
Bailey L F 73098
Bailey L L 30166
Bailey N 3658, 3778, 14447, 14448, 14859, 41467, 41476, 41477, 41615, 41616, 58706, 58707, 59006, 59007, 66861, 67116, 75134, 83298, 83581, 91677, 92056
Bailey N S 34435, 93937
Bailey N T J 64668
Bailey R 13149, 39932, 48911, 57634, 65502
Bailey R A 63301, 63660
Bailey R L 33251, 42640
Bailey R M 49128, 57578
Bailey R W 21619, 58538
Bailey R Y 74509, 30113, 31184
Bailey S 1885
Bailey S E 52202
Bailey S F 28289, 34691, 86072
Bailey T L W 87174
Bailey V D 9741, 28733, 41208
Bailey W K 95325
Bailey W M 106
Bailey W R 46440, 48767, 63385, 63386, 88350, 94620
Bailey W S 95721, 84509, 92763
Baill M 53910
Baillargeon W L 65503
Baillie A F H 383
Baillie J C N 94474
Baillie Y 8424, 70353
Baillod M 78062
Bailly 61923
Bailly J 23506, 92758
Bain B 62169
Bain D C 11619
Bain F M 20115
Bain J M 793, 62252
Bain R 29672
Bainer R 53160
Baines R C 12042, 12043, 20116, 23036, 38834, 47672
Bains S S 91341
Baird D M 60451
Baird G T 3156
Baird P K 50604
Baird W P 1547
Bairon M A 63690
Baisden L A 15397, 36983, 41774, 84242
Baiterfakov B M 23321
Bajalica D 19395, 88846
Bajari A E 85885
Bajer A 23063, 23063, 81527, 81528
Bajic D 82202
Bajić P 19396
Bajko F 57152
Bajla E 44843
Bajpai M R 2703
Bajpai P N 39010
Bajwa B S 66281
Bakalor S 26070, 44793
Bakalov V V 12587
Bakarcic M 11734
Bakema E 3977
Baker A C 93823
Baker A H 85470
Baker A W 6507, 96197
Baker C B 80261, 80262
Baker C E 39858
Baker C J L 29251, 86540
Baker C K 54244, 87414, 95051
Baker C T G 60643, 60644
Baker D E 19397, 40855
Baker D W 5021, 51471, 85543, 85544
Baker E D 17231
Baker E T 23401, 42933
Baker E W 34160, 43371, 68620, 77593, 77594, 77595, 93717
Baker F 3846
Baker F N 84032
Baker G 17644
Baker G A 794, 2192, 16091, 64957, 68853, 94630
Baker G C 91867
Baker G J 52513, 87603
Baker G L 45302, 94513
Baker G O 58181, 58279, 64911, 65000, 66427, 74749
Baker G S 14884
Baker H 93355, 93356
Baker H G 12111, 37885
Baker H L 47145, 50158, 50159
Baker H R 42641
Baker H S 62334
Baker J 23671, 42490, 95269, 3978, 4859, 4915, 27425, 42116, 42344, 42357, 42391, 71789
Baker J A 88731
Baker J E 88742
Baker J M 70606, 71051
Baker J R 82929
Baker K F 64311, 64312, 87752
Baker L C 23402, 76153, 84033, 92396
Baker M L 35798
Baker M P 44966, 70182, 11437, 17589, 50031, 39933, 73916, 79865, 80642, 84752, 32082, 64656, 2413, 20877, 48736, 91098, 9676, 27323, 63301, 79854, 87917
Baker M S
Baker M W
Baker N
Baker P V
Baker R C
Baker R E
Baker R E D
Baker R H
Baker R L
Baker R M 30822, 40536
Baker R R 38827
Baker R S 73314
Baker V 6957, 9900, 18929, 37180, 37592
Baker V A 39768
Baker V H 7593, 12846, 25344, 33361, 44017, 53349, 63153, 69253, 69258, 78493, 79774, 86098
Baker V W 14149, 48198
Baker W A 72269, 93357
Baker W E 88781
Baker W E B 59048
Baker W H 107
Baker W K 73165, 96165
Baker W L 21525, 93443
Baker W S 15267
Bakermans W A P 83735
Bakewell J A 9876
Bakewell S E 17715, 66043
Bakhoven H G A L 9174, 84160
Bakhovkina L N 37181
Bakhsh M A 3362, 48199
Bakhtadze B 25426
Bakhtadze K E 795
Bakhteev F Kh 47726
Bakhtin P U 61426, 82662
Bakhtov S G 51155, 59610
Bakhuyzen H L van de S 56762
Bakke A L 65989
Bakken E H 46757
Bakken H H 8681, 62502, 79980
Bakker D 12052, 65922, 82540
Bakker D D 32688, 81933
Bakker D L 3817
Bakker E M v Z 39380
Bakker G de 14133
Bakker H 71525, 88454
Bakker H C 1624
Bakker M 11735, 28833, 28969
Bakker T 3847, 38263, 55154, 92578
Bakker W 5749, 42259
Bakker Arkema P 9901
Baklanov G N 37262
Bakli O 61559
Bakos K 51948, 85253
Baković C 81934
Baksay L 80934

	Item
Bakshi B K	38557
	81523
Bakshi T S	73099
Bal A	25894
	69876
Bal D V	77815
Bal S N	89830
Bal' V V	54943
Balachowsky A S	33919
	43625
	52613
	52872
Balâmir S	78215
	94152
Balan A	87175
Balanda D V	39641
Balandin A N	90918
Balandin V	44225
Balandrano C	D72529
Balashov I S	57183
	73498
Balashova L B	1521
Balasubrahmanyan C	39428
	56580
	66406
	66560
	89885
	89886
	90287
Balay R	36475
Balázs T	15390
Balazuc J	52614
	77655
	77656
Balbaa S I	81399
Balbi G	95326
Balbierz H	34517
Balch C C	4540
	26173
	51086
Balch D A	51086
Balch R E	61029
Bald J G	384
	542
	12095
	12251
Baldacci E	28723
	11736
	11737
	11738
	19892
	40152
	49129
	56360
	72530
	72627
	72825
	81080
	85339
	89574
Baldassari '	12953
	47467
	48691
Baldauf E	76612
	84589
Baldauski F A	70034
Baldelli B	24147
	51156
Baldensperger A	664
	796
	12338
	33973
	38197
Baldi P F	10428
Baldinger L H	28209
	38126
Baldini E	30400
	91099
Baldini G	37091
Baldini G F	21613
Baldini J T	23718
	42681
	42682
Baldoni R	20522
	21647
	34214
	56472
	72628

	Item
Baldonier A	75824
Baldovinos G	27926
	54223
Baldovinos de la Peña G	28210
Baldrati I	13656
	49130
Balducci A	3979
	45689
Baldvinsson Þ	17500
Baldwin A D	63921
Baldwin A G	21917
Baldwin A R	9386
	18656
Baldwin E D	37142
Baldwin F B Jr	71928
Baldwin G N Jr.	53609
Baldwin H I	12053
	91223
Baldwin I L	72818
	72819
Baldwin J T Jr	12112
	20147
	28565
	72407
	72954
	89278
Baldwin R	36568
Baldwin V L	76245
Baldwin W F	68364
Balestrieri L	79360
Balfour E	82654
Balfour Lady E	58197
Balfour E B	27426
Balfour-Browne F	16523
	43411
	52399
	77156
	11582
	43412
	68633
	77657
	85603
Balguerias E	89183
Balfabo N	91148
Balfabo N K	21487
	49381
	49847
	91251
Bal'fan G A	81935
Balikian G P	15193
Bálintffy S	5288
Balfuka L A	22809
Balfura V	46005
Balkenohl T	85013
Balks R	2704
	21513
	49484
	82683
Ball C D	48192
	73229
Ball C E	78299
Ball C O	9319
	18567
	61838
	69678
	78816
Ball D V	2490
Ball E	47736
Ball G C	21030
Ball G E	24718
	60801
Ball G H	24890
	8579
Ball H	13445
	21648
	30401
Ball H J	6833
Ball J	84748
	92885
Ball J M	63037
Ball M	13657
	37770

	Item
Ball M A	46758
	46784
Ball N G	12256
Ball R C	11150
	18829
	86117
Ball V	30167
	90712
	90713
	90714
	90715
	90716
Ball W S	2329
	2382
	30494
Balla B	50032
Ballad F L	95693
Ballance H R	54423
Ballantyne E E	4541
	5793
	15398
	33705
	41775
	81157
	59264
	59265
	90991
Ballantyne J H	32978
	36770
Ballantyne K L	9507
Ballard A C	46621
	56302
Ballard H V	68214
Ballard R	3014
Ballard S R	84161
Ballard W R	65504
	65505
	65702
Ballard W W	57162
Ballari C P	50180
	82937
Ballarin O	35671
Ballatore G P	2411
	29201
	29819
Ballczo H	51158
	54028
Balle S	122
Ballek R	34726
Ballerini A	27427
Ballester A	80603
Balleyguier M A	44648
Ballico P	27428
	95590
Balling W	83505
Ballinger H J	4260
Ballmer F	63479
Ballot	74138
Ballou C E	56763
Balloun S L	23795
Balls A K	70534
Balls E K	1886
	13150
	71093
Ballschmieter H	53423
Ballu T	17217
	25180
	34748
	34869
	69075
	86126
	86250
	94387
Bally P R O	48180
	80935
Bally W	2414
Balmos D	82547
Balneaves E	91381
Balocchi A	23074
Balock J W	16668
Balogh I	61154
Balomenos P	92244
Balozet L	85545
Baltazard	77596

	Item
Baltes J	9441
	9442
	9444
	9445
	70939
	95340
Balthis F K	1887
Baltian K I	61426
Bal'tser E B	36901
Baltus J	83382
Baltz W E	18062
Baltzer R	94008
Baltzrud K	43281
	43282
	60645
Balykin V E	22891
Balzac G H de	80251
Balzac R P	7693
Bamberg K	96217
Bamberger K	33707
Bambergs K	29202
	30749
Bamburger C	33252
Bamert L C	26860
	26861
Bamford P W	50077
Bamford R	10615
Bammer R	16322
Bamonte A	8425
	35446
	70689
Ban M	45734
Banasik C J	29588
Banasik O J	1208
	20599
	56838
Banbury G H	56764
Banca Nazionale del Lavoro	96082
Banca Nazionale dell'Agricoltura	88175
Banco Agrícola del Perú	9793
	88176
Banco Agrícola y Pecuario	46087
Banco Central de la República Argentina	27262
Banco de Crédito Agrícola e Industrial de la República Dominicana	37092
Banco de Fomento Agrícola e Industrial de Cuba Div Agrícola	9794
Banco Hipotecario de El Salvador	9795
	63956
Banco Hipotecario del Uruguay	63233
	88177
Banco Nacional de Costa Rica	71232
Banco Nacional de México	63234
Bancroft P M	80689
Banders V L	91799
Bandinelli R	66984
	73917
Bandini M	2888
	10429
	10456
	10457
	19200
	71367
	71674
	88618
Bandini N	69378
Bandlow G	47811
Bandurski R	20351
Bandurski R S	64706
	73314

	Item
Bandy D M	76246
Bandy W R	10250
Bandyopadhyay K S	52794
Bandyopadhyay S B	8426
Bane A	33654
	84034
	92397
Banerjee B	928
Banerjee B N	17889
	36743
	36744
	39252
	45802
	73338
	90175
Banerjee M	62813
	70809
	79684
Banerjee R M	54705
Banerjee S	93736
	95161
Banerji I	12113
Banerji J	83449
	83582
Banerji M	665
Banerji M L	11438
Banerji S	16524
	68634
Banff J	93563
Banff L J	60646
Banfi A	552
	12002
	29006
	29249
Banfield E C	37456
	55155
Banfield F H	53524
	61788
Bang F B	68039
	68040
Banga O	12899
	49131
	64707
Bangerter E B	38847
	72357
Bangham W J	52165
	85439
Bangham W N	68384
Bangma J	53097
	53098
Bangsberg R C	91868
Banham F L	93510
Banicki J	67375
Banicles H	19486
Banigan T F Jr	48142
Banister J	15399
Bank P	6083
Bank T P II	80850
Bank of Nova Scotia	46212
Bank of Osaka	27429
Bankowski R A	15904
Banks A	46050
	63187
	63195
	94605
Banks A W	5079
	67335
	67897
Banks I	84694
	84695
Banks L	43750
Banks Q D	31576
Banks W C	59829
Banks W G	91673
Bann J M	93520
Banna A	95327
Bannan M W	56676
Banner G	14150
Bannerman J	45266
Bannikov T P	24476
Banning M N B	78228

	Item
Bänninger M	8408
	8409
Bannink H F	32067
Bannister G L	5289
Bannister J	5548
Bannister T T	39239
	81053
Bansbach H	6084
	85474
Banta E	17494
	53159
Banta E S	8815
	49386
	56473
	87468
	90616
Banta H V	87465
Banta L	42729
Bantam Magazine	51520
Bantham C H	68196
Banti G	47468
Bañuelos M	71526
Banwell A D	190
Banzhaf G	22077
Banzhaf J Jr	60647
Baptist A G	19079
	37128
	54977
	88549
Baptist N G	12512
	73316
Baqué Z	7694
	17716
	35447
	44649
	53610
	63559
	69759
Baquiast	1548
Bär A L S	1514
	7853
	38011
	71368
	88139
Bar-Anan R	15502
Barabanshchikov N	25923
	26146
Barabás E	59215
Barabash S	26071
	94701
Barabe R	90966
Baracco G C	68385
Barach J L	18133
Baraev A I	1139
Barahona J	783
Barak D	57521
	73800
Barakat M R	28161
Barange C	31386
Baranov G	53099
Baranov N	75300
Baranov N N	84559
Baranov P A	40609
	47033
	49563
Baranov V	82947
Baranov V I	1071
Baranova A P	39795
Baranova N L	88032
Baranova V Z	56990
	56991
	56992
	64898
	90173
Baranovskaîà A B	82684
Baranovskiĭ A L	1792
	31511
Baranowski C	22892
Baranyovits F	24785
Baras A	6085
	6086
	24477
	89047

	Item
Barat A G	51335
	67432
Barat T P	94918
Baratech F	71199
Baratte	17215
	43954
Baratte J	52925
	34727
	34835
	34869
	44039
	69076
	69309
Baratte M	43955
Barau J N	57184
Baravalle C	1793
Barba L della	2330
	10458
	47469
	55082
Barbados Dept of Science and Agriculture	19591
	80552
	89074
Barbaro A d'	3980
	3981
Barbaro A d'A	15134
	22893
	23796
	68233
	68234
	68235
	76983
Barber A	79235
Barber E L	14018
	26748
	46582
Barber F W	17864
	35799
Barber H N	47812
Barber H S	43413
	85610
Barber J C	75234
Barber L	3205
Barber L A	27216
Barber R S	43023
Barber S A	13762
	13721
	30895
	49564
	58583
	66176
Barber S B	34161
Barberan M	5290
Barberis C	57439
Barberis F	33957
Barbiellini A A	39934
Barbier G	13892
	29203
	30750
	40438
Barbieri A	65314
Barbieri R	12691
Barbosa A J	33833
Barbosa A J S	6630
Barbosa E F	63038
Barbosa J C de M H	31324
Barbosa L A G	1861
Barbosa M	5849
Barbosa R	22078
Barbotin F	93718
Barbour G R	63603
Barbour W R	41113
Barbre J	14591
Barbu E	23898
Barbut	37263
Barbut M	91471
Barca P	25743
Barceló J L	3265
	18489
	26319
	36679
	71369

	Item
Barcelo Garcia de Paredes A	5133
	5212
	15805
	15861
	23797
	33180
	33362
	36762
	42516
	45098
	51521
	51561
	67985
	76677
	84799
Barcelona Cámara Oficial de Comercio y Navegación	44616
Barcia Trelles J	2667
Barck L	19201
	19202
Barclay J	4860
Barco G F	9508
	56640
	81368
Bardakov N L	90309
Bardeeva A	1140
Bardel J	30642
	52201
Barden J	10616
Bardenheier J	17717
Bardens J W	23486
Bardes H C	11621
Bardet	71370
Bardet H	9989
Bardia Bardia R	6750
	16794
	58226
Bardin P	2889
	63480
	557
	89668
Bardinskaia M S	81400
Bardoulat	41776
Bardoulat M	75825
Bare C O	6007
	68932
Barege P	17718
	18063
	18364
	18365
	18609
	18610
	19080
	78861
	79236
	79385
	79775
	79776
Bareggi G	42117
Barei S	33708
	84243
Bareiss G	9902
	17216
	25256
	44018
	55083
	63302
	86251
Baren H van	20262
Barenbrug	27076
B A H	28113
Barendrecht G	93300
Barer S M	35220
Barford H	66278
Bargagna R	71200
Bargellini P	80125

	Item
Barger E L	36318
	53160
Barger W R	26509
	54256
	70555
Barghoorn E S	64104
	72309
Bargioni G	1625
	1722
	58166
	56361
Bargoni N	29468
	29469
Bari Stazione Agraria Sperimentale	38297
Baribeau B	286
	89575
Baribo L E	17865
	17866
	53758
Barić S	51328
Barigozzi C	43493
Barini-Banchi G	17719
Barinov I	41209
Barison A A	17591
Barjac H de	49458
	74446
	82715
	91217
	91218
	91231
Barkakati B P	92896
Barkas W W	32186
Barke A	75826
Barker A F	26320
Barker A S	65068
Barker B T P	7695
	17720
	73801
Barker C A V	32689
	59611
Barker F W	80126
Barker H	69654
Barker H B	76154
	18116
	18117
Barker H F	36476
	69310
Barker J	12513
	70620
Barker J S	34436
	43626
Barker R D	45326
Barker W E	24826
Barker W F	26382
Barker W H	20785
Barkley F A	80936
Barkley I E	42033
Barkley J H	24446
Barkman J	11526
	11527
	11528
Barkman J J	619
Barkov I P	6377
Barksdale J F	88204
Barlen S	83197
Barlet J	43901
	52873
Barley G A	35602
	44844
Barley Improvement Institute	29566
Barlow F	33920
	60622
	68487
	85449

	Item
Barlow F D Jr	17213
	35927
	45140
	62335
	62336
	70354
	79237
	94919
Barlow F S	23403
Barlow H W B	797
	954
Barlow J W	53406
Barlowe R	37457
	86425
Bärmann C	40610
Barmash A	36624
Barmeda J N	19203
Barmington R D	52926
	61417
Barminčev IU N	22769
	22894
	23560
	67931
Barmore M A	20607
	58276
	79620
	87668
Barnard A	61904
Barnard B	11151
Barnard C	28510
Barnard C C	68721
	85709
Barnard D M	12718
	47070
Barnard-Brown E H	3804
Barnardt J H	8943
Barneby R C	47217
	47218
	57635
Barnell L	27077
Bärner	47673
Barner H	50305
Barner R D	33574
	51821
	51949
	59612
	67336
	68324
Barnes A C	76247
	9651
	45969
	46446
	54873
Barnes A T	30168
	82298
Barnes C P	37718
	37719
Barnes C S	54072
Barnes D F	16967
	24965
Barnes E E	40611
	82925
Barnes G	68386
Barnes G W	87699
Barnes H F	16669
	16670
	24786
	34304
Barnes H J	25708
Barnes H M	60482
Barnes J H	68487
Barnes J M	16256
	16257
	25659
	43252
Barnes J W	79059
Barnes K K	40856
Barnes L H	46155

	Item
Barnes M D	32886
	32905
Barnes M M	16476
	52771
Barnes N W	74085
Barnes O K	73499
	91472
Barnes O L	34280
	34487
Barnes T W	57963
	66686
Barnes V L	69055
Barnes W C	20074
	21649
	28867
	56010
Barnett A	6834
Barnett A J	59165
Barnett A J G	3848
	3849
	8343
	20435
	48143
	67251
	67252
	67253
Barnett A P	78328
Barnett C	86901
Barnett G W D	74340
Barnett H C	33906
	34692
Barnett H L	798
	29312
	29412
	29416
	39194
	64410
Barnett L A	84539
Barnett W L	30668
	69760
Barney J W	65369
Barnhart C E	60408
	60446
	68297
	69149
Barnhart F	20612
	62337
Barnickol P G	86117
Barnicoat C R	62815
Barns L N	25709
	25778
Barnstedt	10459
	18969
	88550
Barnstedt K	18870
Barnum D A	32690
	35753
	59613
Barnum F G	53915
Barnum G F	8187
Baron C	57440
Baron D	2890
	4439
	18533
	53700
	75827
	84244
	86383
Barone R	3982
	51162
	51472
	76633
Baroni E	5099
	5100
Baroni O	6339
Baronti Eschini L	22912
	84245
Barott H G	23900
Barquin M G	9487
Barr A R	52592
Barr C W	19256
Barr G W	46213
Barr H T	53100
	69439
Barr J	4542
	39935
Barr J E	9387
Barr O	79707
Barr P M	14484
Barr T	94920
Barr W F	77658
	77659
	93737
Barr W L	88551
	88552
Barraçano P	17543
Barracco R	54917
Barraclough K E	31584
	45970
Barraclough S	50149
	91691
Barrairon	76636
Barras de Aragon F de las	11230
Barrat J G Jr	48692
Barratt R W	48182
Barraud A	90280
Barraud E M	3136
Barre H J	94410
Barré R	45407
Barreda C A	66845
Barreda L de la	85340
Barrège P	19467
Barreiro Trocoso E	79471
Barreiros H A	29529
	64958
Barreiros H de A	2891
	20523
Barrenbrügge	8816
Barrentine B F	15433
	32730
	67629
Barrer P R	54847
Barrera A	72531
	77661
	78254
	82542
Barret J	82803
Barreto A	26490
	52047
	54029
	58968
	60530
	60531
	77185
Barreto A L F V	32129
	67190
Barreto M B	81785
Barreto R	73664
Barrett A E	49565
Barrett E P	88033
Barrett F A	21614
Barrett G R	59672
Barrett J	60114
Barrett L A	51773
Barrett M	25895
Barrett R B	87045
Barrett T	13893
Barrett W L Jr	52501
Barretto M P	16671
	16758
Barrick E R	77069
Barrientos L	85475
Barriety L	72629
Barrio M del	7417
	18183
	72024
	88992
Barriola J P	15249
	15962
Barritt J	70395
Baroccio A	90115
	90180
Barroccio A	81778
Barron C N	59266
Barron D H	42934
	42935
	93154
Barron F R Jr	6030
Barron G P	59245
Barron H T	67337
Barron J R	23404
	67465
Barron N S	4543
	33709
	42642
Barrons K C	13533
	20263
	21389
	22204
	39011
Barros E P de	66591
	69655
	89807
Barron E S G	81613
Barros F E	12872
Barros H T Q de	46214
Barros J de M	32439
Barros M	80937
Barros V S	78063
Barros W D de	30844
Barros Z C de	69077
Barros Franco E	90464
	90475
Barrow H S	29530
	52927
Barrow M	34976
Barrow P	4113
Barrows J S	3501
Barrus M F	47057
Barry J M	67597
Barry M B	80678
Barry R	14770
	32130
Barry S C	36602
Barry W R	86514
Barsanti B	9388
Barsel' A	36477
Barsewisch E von	7192
	58193
Barshad I	13763
	66102
Barsini G	59614
Barskiĭ I A S	37182
Barskov A M	41680
Barsov I	44367
	53916
	94828
Barsukov N A	67338
Bart G J	28365
Barta E J	26557
Bartelds B K	12954
Bartels	54182
	72183
	73353
	80748
Bartels A	7487
Bartels A M M	36319
Bartels G	23611
Bartels H	55817
	92057
Bartels H H	69177
Bartels R	29024
	64577
Bartelsheim	46088
Bartenev F I	20642
Bartenev G M	54821
Bartens A	95484
Bartenstein F Jr	44487
Barter P G H	37042
Bártfay J	18611
Barth	10617
Barth E	66945
	77284
Barth F	55596
Barth W	6087
	36320
Bartha A	3093
	4544
Barthélemy F	35779
Barthelmess A	12847
Bartholomew E A	38494
Bartholomew E T	28724
	29205
	36094
Bartholomew F	65506
Bartholomew H	90717
Bartholomew R P	49522
Bartholomew W V	40612
	82697
Bartlam R H	7283
Bartle M	26760
	36458
Bartlet J C	70296
Bartlett B	43149
	60532
Bartlett B R	34497
	85710
Bartlett D	92398
Bartlett D E	23273
Bartlett E S	33612
Bartlett F A	90718
Bartlett H F	80548
Bartlett H H	11439
Bartlett J W	42260
	51087
Bartlett K A	28357
Bartlett R A	13151
Bartlett R C	68533
Bartlett R W	9742
	26029
	44868
	44943
	45073
	53898
	55742
	62098
	70041
Bartlett S	4438
	17957
	23187
	51084
	51086
Bartley B G D	38960
Bartley E E	4440
Bartley J S	9335
Barto L R	67806
Bartocci O	91100
Bartolome R	12692
	13658
	56765
	82597
Bartoloni P	85935
Barton A L	26030
	62007
Barton D P	21031
Barton D W	666
	40153
	62584
Barton F M	93738
Barton F T	51499
	67847
Barton G S H	9990
	37051
	37056
Barton G T	37183
	63303
Barton Mrs G W W	90719
Barton H F	3850
	25257
Barton K P	1888
	11982
Barton L V	39012
Barton M	49848
Barton M B	19674
	28329
Barton P S	10618
Barton R A	68265
Barton R F	44557
Barton R R	36163
	45408
	54342
	57579
	57580
	79472
Bartosch F	14736
Bartram D	58395
Bartram E B	191
	38416
	47309
	56291
	72444
	89392
	89393
Bartron L R	25799
	35475
Bartrum D	30169
Bartsch F	60002
	84753
	84800
	84933
Bartsch P	64011
Baruah H K	38647
Baruah P	38647
Baruch H B	39671
Baruk G	70690
Barwell C F	16015
Bary L C	70355
Barykin D I	24478
Barykin V S	20524
Baryshev D	23405
Baryshnikov A I	41326
Baryshnikov I A	51159
Baryshnikov V G	56677
Bas J A	1491
Basak M	39064
	81230
Basak M N	12252
Basanta E	67894
Basanta E A	5408
	13446
	15862
	33253
	42034
	42730
	42731
Basanta J L	81772
Basavalingaiah H C	26031
Basavaraj K M	65370
Basberg O	42323
Baschera F L	60901

Item

Baschin G 70183
Bascomb E 79192
Bascuñán Stoner R 31071, 49849
Base G 44845, 53807
Baselt F C 7729, 25794
Baser N 31573
Bash W D 11022, 80643
Basham J T 58842
Bashenina N V 22367, 28251
Basherov S 4261
Bashford Sir H 40259
Bashir M 37264
Bashirov F B 30054
Bashkatov V P 24113, 42910
Bashkirov G S 40857
Bashmashnikov I L 41327
Bashore W D 35173
Basile A 23561, 29539, 42424, 84035
Basile R 47470
Basilewsky P 22630, 26410, 76525, 24719, 43414, 43415, 52020, 52400, 52401, 52402, 52403, 77660
Basiuk T 9991, 37458, 61336
Baskakova L N 5022
Baskaya H 84846
Baskin B J 92671
Baslavskaia S S 47882
Basov N 36478
Bass E J 79550, 87534
Bass L N 39013
Bass S I 54827
Bassarskaia M A 56766
Basse H 90919
Basset H 21426
Basset J 23898
Bassett C F 4960, 15627, 42408
Bassett C J 69877
Bassett E G 4545, 68236, 75962, 77129, 85096
Bassett I J 90997, 91044
Bassett J 15985
Bassett W E 62338
Bassewitz C von 10619
Bassham J A 20277, 64710
Bassi L 53161
Bassili Bey B 35928
Bassin J 14537
Bassoles De Barrera I 93735
Bassols I 77661

Item

Bastedo W M 83192
Basteleus R 1794, 2303, 13151, 19564, 30055, 65450, 73852, 82127, 82299, 90720, 90721
Basterrechea L de 84246
Bastet A 43956
Bastin G M 75782
Bastin H 74236
Bastin R 56131
Bastisse E M 57001
Bastian J W 33254, 51604
Basto M 85039
Bastoni G 57002
Bastos A de M 22410, 22631, 43572, 66916
Bastos H M 80127
Basu B C 4073
Basu B P 14558
Basu J K 74593
Basu K P 28211
Basu P T 23075
Basu S K 14177
Basu S N 64708
Bataller J R 64105
Batchelder C H 6759
Batchelor G S 33930, 77597
Batchelor L D 1688, 12998, 20878, 28725, 29994
Bate A 39769, 64411, 73768, 82173
Bate-Smith E C 73918, 86634, 94515, 94559
Bateman A J 6088, 38961, 57813
Bateman E W 43825
Bateman G Q 16259, 59551
Baten A 47765
Baten W D 64080
Batenga D E 40985
Bates C J 69710, 78836
Bates D W 44241, 78689, 94411
Bates G 69292
Bates G H 10251, 12253
Bates M 63353
Bates R P 39455, 39456, 39457, 40637, 57204, 57205, 74560
Bateson C 79333
Bateson R G 14844

Item

Bath J G 39442, 49523
Bath and West and Southern Counties Society 96037
Bathen R 58761, 91592
Bathgate H N 26645
Batiashvili I D 56097
Batinica D 81369
Batista A C 242, 28665, 28666, 28667, 56321, 56322, 56474
Batista J D L 57048
Batkina E I 24969
Batjer L M 54245
Batjer L P 39703, 39796, 47883, 47884, 48768
Batory C F 51368
Batra H N 68722
Batra S 81401
Bats J 29459
Batson A A 14044
Batson D M 9389, 36144
Batson F S 39936, 39937
Batson W T Jr 80938
Batt E G 61839
Batt W G 25258, 86979
Battaglia E 667, 676, 12114, 38888
Battaglini A 3913, 3915
Batte E G 23020, 59734
Batten E J 94454
Batten E T 12846
Battenberg E 50533
Batterman W E 59547
Battiato C 668
Battistelli E 2705, 13894, 15056, 18970, 25181, 31072, 53611, 55156, 63481, 67254, 71675
Battles O V 15250, 42261, 76001
Batts C C V 19965, 72476, 89440
Batty I 60353
Batu S 67339
Baturin N 54978
Batyrshin A 94325
Batzer H 45709, 79735
Bauckhage F 6089, 6090
Baudel J 39890

Item

Bauder W W 96079
Baudet 74138, 74139, 82480
Baudet G 60298
Baudet J 64544
Baudewijn J 57522, 66282, 82203
Baudissin W Graf 59871
Baudoin P 19469
Baudys E 43627
Bauer 75160, 87825
Bauer A 12955, 30013, 63945, 72107, 79812, 80691
Bauer A G 15993, 77103
Bauer B 3576, 67014
Bauer E 54424
Bauer F 50924, 92731
Bauer F C 30896
Bauer F W 70356
Bauer H 3902, 15806, 35800, 67703, 77041, 77115, 85476
Bauer H R 51950
Bauer J M 37771
Bauer K 10
Bauer M 14300, 87760
Bauer P T 45753
Bauer W 20961, 30056, 48827, 48828, 82238
Bauernwald 31598
Baugh F A 39938
Baughman E T 95606
Baughman J L 90221
Baughman R W 53988
Baum C H 94232
Baum E L 8607, 9509, 17948, 26126, 36763, 36764, 42035, 54761, 70032, 70159, 76774, 95365
Baum H 47737, 47738, 47739
Baum M D 87046
Bauman R H 63201
Bauman L F 29574, 73040
Baumann C A 55908, 60478, 62823
Baumann E 27217
Baumann G 12001

Item

Baumann H 13895, 31290, 33111, 64071, 66723, 81530, 91583
Baumann H P 87176
Baumann I 51451
Baumann R 4097
Baumann W 3596, 58929
Baumbrough W H 48216
Baumeister G 64613
Baumeister W 95102, 95103
Baumer M 92157
Baumgart I L 82765
Baumgart M G 1626
Baumgart R W 38795
Baumgarte 92579
Baumgarten 83730
Baumgarten A M 32906
Baumgarten G 64750
Baumgart M G 3802
Baumgarten O 20786, 28358, 40382, 46215, 55157, 66451, 88311, 94233
Baumgartner 26646
Baumgartner A 66249
Baumgartner H 15135, 15437, 23274
Baumgartner L L 15963
Baumgartner R 28668
Baumgartner V H 67598
Baumgartner W 13153
Baumguertel B O 70357
Baumhoff R G 27430, 49850
Baumüller 5046
Baur F 7488
Baur K 2706, 38849, 40655, 40737, 49566, 57936, 86902
Baur K E 49770
Baur V 10620, 49810
Bauserman H M 57368
Bausman R O 45826
Baussay J 93694
Baustian H 70184
Bautista Iturrizaga D 59356
Bautz E 55625
Bavaria Landesanstalt für Tierzucht 41652, 51522, 59146
Bavaria Statistisches Landesamt 27356, 86678, 86679
Bavay J F 51473
Bavendamm W 58969, 58970, 89576
Baver 20751

	Item
Baver L D	49524
Bavier J B	14682
	58612
Bavngaard J T	58800
Bawa M S	91480
Bawden F C	28726
	28986
	29206
	47652
	64545
	89702
Baxa J	45971
	63829
	65240
	88034
Baxter D	25259
Baxter D V	38515
	47358
	64288
Baxter E J	55910
Baxter J	94921
Baxter J B	80448
Baxter J W	47332
Baxter L	80644
Baxter R W	47146
Bay C E	40439
	91149
Bay E H	46990
Bay L	88205
Bay W W	5816
	16109
	60452
	85229
Bayer	50078
Bayer A H	8152
	26118
	53890
	79121
Bayer G	66283
Bayer J	37459
Bayerlein F A	45141
	54073
Bayers A	76002
Bayldon R C	4832
	15554
	42324
Bayles B B	12588
	56482
	57135
Bayles G W	42843
Bayley C H	62339
Bayley N D	59754
	76420
Baylis G T S	64170
	66917
Bayliss J	93169
Baylor C H	88993
Baylor J E	30495
	39266
Bayly G H U	83231
Bayma A C	58396
Baynes A	30170
	73919
Baynes E S A	43751
	43752
	52021
Bayreuther K	77816
Bayton J A	45321
Bayubay S	12895
	18813
	81236
Bazán de Segura C	11620
	38648
	47471
	56475
	64412
	72886
	81208
Bazavluk V	763
Bazex	23503
	32929
Bazhenov F V	80325
Bazilevich N I	2553
	2600
	58165
Bazilevskaîa N A	38333
	73920
Bazin J	76549
Bazin O	76549
Bazo S M J	18971
Bazova E A	73899
Bazzigher G	89577
Beach B A	4548
	15595
	84251
Beacn G O	75040
Beach J H	50306
Beach J R	5291
	84847
	84848
Beach P L	7452
Beach T O	46898
Beacham H H	7532
Beacham L M	61789
Beachboard R F	76211
Beachell H M	40633
	66306
Beacher B F	91150
Beacher R L	30897
	58227
	66179
	81743
	91277
Beacom S E	24232
Beacon J L	87177
Beadell H A	58686
Beadle L C	93255
Beadle L D	77186
	85793
	93909
Beadle N C W	38849
Beahm G W	73921
Beaka K H	91503
Beakbane H R	9336
Beal E G	14243
	14244
	21978
Beal G M	18298
	26562
	27894
	36765
	46759
Beal R E	54692
Beal R S Jr	85611
Beal S W	26032
Beal W	92897
Beale C	4441
	58228
Beale H P	38796
Beale J H	48652
	57405
	65507
	73922
	73923
Beale M	37570
Beale R N	51605
Beale S	21231
	54845
Beall E	46758
	46898
Beall F	45079
Beall G	16944
Beall H W	83434
Beals C T	75579
Beals O K	25581
Beam A	7148
	9510
	15503
	16112
Beam F M	67599
	76522
Beaman L	51369
Beament J W L	60623
	85307
Beamer P D	5794
	16111
	23901
Beamer R H	52615
	77933
Beamesderfer J W	83602
Bean G	2892
	18306
	45409
	58397
	66475
	82948
Bean H W	45832
	63561
	88553
Bean I R	7594
	18871
Bean J L	25038
Bean L H	3137
	22035
	27263
	27307
	34749
	37093
	63604
	80014
	80055
	95635
	95694
Bean R C	11471
Bean W B	38198
Bean W J	57636
Bean Growers' Conference	30402
Beanblossom F Z	61733
Beane L	72358
Beanland W	59906
Bear E M	28834
Bear F E	13824
	20402
	21650
	30711
	30751
	30788
	30898
	40394
	40566
	49567
	50018
	53382
	58156
	58157
	58584
	69514
Bear R S	79685
Bear-Step S	15696
Beard D	60165
Beard D F	73500
Beard E	65505
Beard F H	91101
Beard G L	74698
Beard J H	94567
Beard J S	10537
	90998
Beard J W	24086
	51657
	60165
Beard R L	34437
Beard W A	5292
	15710
Bearden H J	15320
Beardsley D W	67560
Beardsley J P	32484
Beardwood J C	24136
Beare H & Sons	69761
Beare J A	66592
Bearman H S	7554
Bearse G E	5213
	15768
	23758
	23798
	23801
	23811
	42571
	60061
	60062
	79193
Beasley K E	27431
Beasley R P	2893
Beaton W G	87047
Beattie B	91869
Beattie D M	35603
	44893
Beattie H G	8851
Beattie J A	74827
Beattie J H	20738
	30403
	69423
Beattie J M	66284
Beattie M F	5124
Beattie W A	1311
	9175
	18490
	23406
	33073
	42036
	45605
	48391
	62768
	69379
	78647
	84248
	92672
	92673
Beatty A V	20301
	20386
	89925
Beatty C A	56044
	56045
	56046
	56047
	56048
Beatty F W	41168
Beatty R A	15036
Beatty R H	21343
	21417
	30496
	30497
Beaty E	84197
Beaty J K	27264
Beaty J Y	63482
	92399
Beau	79060
Beau M	17817
	35604
	86943
Beau U	80959
Beauchamp C E	2707
	12254
	12859
	29841
	66476
	71113
	73100
Beauchamp K H	49851
Beauchamps	73665
Beauchene G	29345
Beauchesne G	48024
Beaudet J	69150
Beaudette F R	42714
	51656
	60113
	84849
Beaudin D	10851
	19398
	55060
Beaudouin H	76626
Beaudoin R	26647
Beaufoy E M	6751
	61155
Beaufoy S	6751
	61155
Beaumont	95695
Beaumont A	287
	11739
	56362
Beaumont J de	2601
	6696
	16880
	52689
	52690
	61105
	78001
	78002
	78003
	78004
	85886
Beaumont R T	38272
Beaus Quijada M	2554
	9390
	26922
	70911
	79777
Beaven W C	36223
Beavens E A	36290
	36291
	70643
Lebbington N B	86217
Beccard E	8944
Beccia R N	32641
Becerra J	1687
Bech C	25519
Bech P	29878
Béchade A	49485
Bechara M	19307
	19308
	19392
	19399
	46623
	46624
	55743
	71527
	95658
	96077
Becher R	42491
Becherer A	28511
	28512
	72334
	72359
Béchet	35605
Becht K	76678
Bechtel H E	5214
	5750
	33181
	41681
	45080
	45081
	84801
Bechtel S C	75711
Bechtel W H	2168
Bechtold E	9176
Bechuanaland Veterinary Dept	22895
Bechyne J	6411
	6412
	52404
	77662
	85612
Beck A	35929
Beck A B	20436
	79194
Beck E C	24787

	Item
Beck E G	93824
Beck E W	6752
	43753
	43754
	94050
Beck F V	10936
Beck G	26140
	59615
	67600
Beck G A	94049
Beck G E	57947
	65971
Beck G H	51289
Beck H	8661
	8817
	25527
	54756
	54944
	67191
Beck J E	25836
	69762
Beck M	7144
	57952
Beck R S	46760
	61734
Beck S D	5873
Beck V S	1549
	12900
	66477
	74699
	91382
Beckard G	42517
Becker	12589
	67721
Becker A	76421
	18307
	19966
	33112
	33163
	38154
	60003
	60191
	65923
	72631
	76679
	89477
Becker A H	46216
Becker C	95136
Becker C A	9517
Becker C F	17450
Becker C H	63789
Becker D	45972
	63093
	71114
	88035
Becker D E	51944
	68325
Becker E C	77663
Becker E J	18064
Becker E R	23902
	23971
Becker G	43416
	57637
	58971
	77664
	89441
	92023
Becker G F	26923
Becker G G	93358
Becker H	50687
	85139
	93695
	93938
Becker H F	28383
Becker J A	7659
	7682
	17707
	38329
Becker J L	8188

	Item
Becker K	7696
	25787
	25883
Becker L	93242
Becker L R	92245
Becker M	3851
	3932
	59230
	67306
	70297
	84214
	85087
	87132
Becker M H	80326
Becker M R	38101
Becker R	8188
Becker R B	3852
	22782
	59549
	62008
	76248
Becker W	7697
	9877
	55919
Becker W B	43150
Becker W R	48253
	64959
	73389
	90222
Becker Y	20124
Becker-Dillingen J	13154
	63691
Beckerich A	2894
	7054
	9903
	11316
	15400
	18900
	25182
	27308
	27324
	27357
	35448
	41682
	46147
	61653
	68635
	71312
	80427
	88206
	88271
Beckert H	60648
Beckert O	79551
Beckett E	21032
	72262
Beckett J W	40605
Beckham C M	60802
	77665
	77666
	78095
Becking J H	3266
	58727
	83316
	83398
Beckley M S	59548
Beckman H F	35677
Beckman H J	4442
	8945
	16113
	17264
	43001
	43091
	43092
	87700
Beckman H V	54246
Beckman L	9592
Beckman W H	50398

	Item
Beckmann R	8344
Beckstein H	25528
Beckstrom W	80939
Beckwith R S	48040
Beckx A	30171
	65509
Becotte R	76003
Becquerel P	29207
Bedard L	14367
Bedbrook C	90722
Beddall J L	21232
	65315
Bederson A M	41328
Bedford C L	87492
Bedford E	70691
	87535
Bedichek R	3015
	59408
Bedier J	39859
	46363
	48912
Bednall B H	3267
Bednova E T	57185
Bedoukian P Z	45754
Bedrikovskaîa N P	56767
Bedrijfschap voor Zuivel Economisch-Statistische Afdeling	8334
	79189
Bedrintsev K	27432
Bedus E	67015
Bee E	95576
Bee J M	14045
Bee Disease Advisory Committee	68534
Bee Research Association	60649
Beebe C W	75645
Beebe W	33794
	34556
Beebe-Center R	25779
Beech C	37772
Beech F W	17721
	94631
Beecher Mrs F	91127
Beeckler A F	23829
Beegle R M	38068
Beekman E	9082
	54676
	61978
Beekman H A J M	83232
Beekman W B	14322
	14415
	14416
	22180
	83193
	83299
	83553
	91904
Beekom C W C van	57814
Beeler M N	30725
	91260
Beem H P	66798
Beeman J	8035
Beeman L	83317
Beemster A B R	20075
	39211
Beer	288
Beer A	48600
	58786
Beermann W	77817
Beers H W	37764
Beers Z H	30712
	30899
Beery E	92233
Beery J	14151

	Item
Beesch S C	79921
Beesen K E	9638
Beesley J	83532
Beeson F W	25468
	45827
	53235
	67956
Beeson K C	13896
	20264
	58158
	69544
Beeson K E	45965
	81786
Beeson W M	3853
	3854
	4443
	4444
	15057
	15058
	15340
	16053
	16054
	16057
	16058
	23188
	24233
	32459
	32600
	42037
	43024
	50686
	50689
	51906
	67536
	68298
	68299
	76214
	77064
	84162
	85187
Beest C A van	92186
Beestman	5409
	15769
	18672
	23795
Beetle A A	11440
	11441
	47034
	64588
	65069
	67002
	73499
	73501
	80940
	81936
Beetle D E	12255
Beeuwkes A M	88994
	88995
Beevers H	90095
	94922
Beffa G della	77818
Beg M A	37644
Begacheva-Mykhina V A	12268
Begagoen I	25413
Beganović A H	60375
	76775
	76776
	76847
	84850
	84917
Begeman J	9992
	46177
Begg A R	90723
Begg J A	77747
Begg M	24788
Beghi P	52926
Beghi P M	69311
Bégin H	69249

	Item
Bégin P E	11104
	62009
	62180
Begović S	59923
Beguchev A P	42038
Bégué H	33834
Béguet M	21550
Beheyt C	29037
Behling G	87383
	87384
Behm C L	4739
	12719
Behm F E	61684
	69503
	86500
	94492
Behm G	53236
Behman G A	45862
Behmer M L A	53917
	62181
Behnke H	26775
Behr	289
Behr E A	14798
	22570
Behr L	16526
Behrend-Rupennest	50690
Behrends D S	30172
	39939
	489. 3
	65510
	82300
	91361
Behrens H	5023
	5052
	15667
	23611
	23612
	24149
	68237
	93155
Behrens O	56363
	70358
Behrens R W	53415
Behrens W	94531
Behringer	22235
Behrle	71275
	88244
Behrmann H I	49949
Behrndt G	13659
	75235
Behura B K	6631
	16795
	43628
Bei-Bienko G IA	34648
	61258
Beĭdeman I N	620
Beier M	24673
	52847
	93696
Beiermeister J	42039
Beiermeister J M	41683
	75808
Beijerinck W	1862
	57581
	72360
Beijers J A	5024
	75828
	92246
Beijers J D	67829
Beilby O J	18872
	35606
	37265
Beilefeldt	78390
Beĭlin I G	89478
	91887

	Item
Beilmann A P	12054
	12055
	33958
	56132
	57582
	65511
Beilner K	63605
	88619
Beily J	42572
Bein M	39233
Bein M L	978
Beinert K	31291
Beinhart E G	81325
Beinke	25183
	74140
Bêique R -	43629
Beirne B P	16796
	16989
	60501
	77187
	85832
	93939
Beisel C G	8818
	26572
	26573
Beister H E	93243
Bejambes M	87048
Bejarano J	38062
Bejuki W M	21415
Bekarevich N E	91151
	91152
	91535
Beketov	33959
Beketov S P	58912
Beketovskiĭ S N	35930
Bekius H	63073
Bekius J	27078
	36858
Bekius J D	9621
Bekirov U I	39860
	78894
Bekkedahl N	45916
Bekker-Migdisova E È	5874
Bekkhus J J	10252
Bekrifskii L	61518
Bektasov A	32440
el	21651
	30752
	49568
Bel B	82685
Belák S	58398
Belanger A	54593
Bélanger J L	70038
Belcher B A	29235
Belcher D J	66103
	74500
Belcher J C	63682
Belcher R G	41169
Bel'chikova N P	74447
Belda Filho J	63235
Beldame R	43283
Belding D L	68387
Belding R C	33302
	51606
Belec J	77334
Belednifskiĭ M H	26350
Belen H F	80502
Belenger E	1889
Belen'kii N	59616
Belen'kiĭ N G	28253
Belenko G D	77335
Belen'skiĭ N G	51562
Bel'gard A L	40991
Belgian Congo Conseil de Gouvernement	69728
Belgische Boerenbond	75966
Belgium Chambre des Représentants	63354
Belgium Conseil Supérieur des Forêts	14449
Belgium Institut National de Statistique	86680
	86681
	87536
Belgium Ministère des Affaires Economiques et des Classes Moyennes Serv des Etudes et de la Documentation Générales	18972
Belgium Ministère des Colonies Direction Generale de l'Agriculture de l'Elevage et de la Colonisation	4546
	74338
Belgium Off du Commerce Extérieur	94496
	95696
Belgium Serv de l'Horticulture	80706
Belgium Serv Pedologique	30900
Belgium Station de Génie Rural de l'Etat	69312
Belfânina G G	22455
Belfâev D K	59881
Belfâev N I	91731
Belfâev N N	57049
Belfâeva N I	91185
Belfâeva Z S	29673
Belfâkov N A	35963
Belfâkov S	44990
Bellard J	82239
Belik V F	39241
Belikov N	46364
Belikov P S	1053
Belin C	22836
Belin-Milleron J	669
	56191
Belisle A M	6340
Belitsin N M	79238
Beliz J M	39314
	47690
	81370
Belkin J N	77918
Belkin N I	39218
Belkner K	26831
Bel'kov E	67255
Bell A E	23718
	23950
	33113
Bell A F	27433
	37773
	55158
Bell A T	5025
	84647
Bell B D	23487
Bell C E Jr	92383
	93359
Bell C H	4489
	90361
Bell C R	80941
Bell D S	42920
	42936
	43372
Bell E A	76856
	88245
Bell E H	37764
Bell E J	88732
Bell E R	53273
Bell E W	70042
Bell F	7193
Bell F G	21919
Bell F H	10621
	28835
Bell F R	24146
Bell F W	92400
Bell G D H	47472
Bell G E	14538
	14756
	14891
	22517
Bell H A	62340
Bell H I	37603
Bell H M	39443
	48392
Bell J F	68593
Bell J M	32966
	51903
	77065
	92187
Bell J O	95221
Bell J R	65512
	73924
	82301
Bell J W	94923
Bell L	56768
Bell L J	86329
Bell L N	81531
Bell L P	1550
	4950
Bell L S	4262
Bell M	5549
	69422
	71222
	71223
Bell R E	14278
Bell R K	86384
Bell R O	34813
Bell R S	2251
	81965
Bell R W	8271
	44894
	67722
	70185
Bell S	33523
	42975
	46458
	51855
	87178
Bell T A	39219
Bell T D	16030
Bell T E	26322
	35931
Bell W B	51160
	67701
	76249
	84249
	92580
Bell W R	9773
	94924
Bellair T S	92674
Bellamy L J	16258
Bellamy W D	22731
Bellamy W D	60692
Bellan A	37448
	41038
	75236
	81128
	88443
Bellati B	61905
Bellati J I	2555
	49415
Bellavite F	5906
	6753
	16797
	25027
	34279
	68986
	77188
Belle G	3984
	43494
	77066
	77819
	84851
Belle G van	48769
	56476
Bellefroid M V de	43630
Bellefroid V de	21427
Bellegueule J	72632
Bellemare E R	86635
Bellenoit N V	53701
Beller K	5026
	32691
	51161
Belli G	84501
Bellik S	94152
Bellincioni G	49852
	66478
	91383
Belling B	41684
Bellinger P F	86073
Bellinghausen A P	41565
Bellinghausen P	46772
Bellini L	25136
Bellini P	59755
Bellis T	61790
Bellisime L C	61906
Bellmann H	11740
	67084
Bello L R	67723
Bello O	5410
Bellocq P	92247
Bellon J	85761
Bellot F	89279
	89758
Bellot R	39940
	65513
Bellotti L	3659
	32041
	32042
	67131
	75550
Bellucci V	40992
Bellue M K	2382
	73317
	74237
Belmar Puelma L A	11622
	11741
	19967
Belobrova N F	33541
Belokhonov I	39704
Belokhonov I V	12956
	29916
Belonje C W A	42937
	59924
	84648
Belonosov N I	84590
Belonozhko I I	65070
Belot	42118
Belousov A	94829
Belousov S A	47112
Belov E M	50691
Belov M A	2170
Belov V K	48393
Belova E	77042
Belova E P	70692
Belovskaîa V	94747
Belozerov P I	57911
Belozerfsev A	34870
	55087
Belozerfsev A G	73502
	86252
Belozor V	90390
Belozorov A T	1141
Bels P J	23045
Belschner H G	22897
	24189
Belt J B M van den	13660
	33960
	33961
Belter P A	62893
	87899
Beltman B J	49517
Beltram M V	91949
Beltram V	22259
	50307
Beltran E	6617
	80743
Beltran G	88608
Beltran J M	22783
	48394
Beltran V	14245
Beltrán Monferrer J M	10948
	41685
	75829
	83731
Bel'fsev D I	7453
Beltwide Cotton Mechanization Conference	34750
Belworthy R	84936
Belyea R M	29208
	67041
Belzile A	90999
Bembower W	1890
	39941
Bemelmans J	74545
	74546
	91278
Bemis D K	91593
Bemis K P	18249
	20445
	45326
Benad G	34751
Benada J	19968
Benaerts P	94532
Benander P	34557
	78064
Benassi L	14539
	91692
Benavides S	51774
Benazet P	92741
Benberg K	8946
	70693
Benbow D E	30173
Benbrook E A	50811
Bencze W	72275
Benda R	15401
Bendale J R	2556
Bendelow V M	54425
Bender C B	14019
	35607
	41686
Bender E	78065
Bender E K	30404
	31266
	40154
	40260
	40613
	49570
Bender F	67200
Bender L M	36179
	46217
	55159
Bender R	46810
Bender R E	10853
Bender W	8189
Benditt E P	76841
Bendix G H	28212
Bendix R	46602
Bendix W L	5411
	15136
	45828
	67601
	87915
Bendixen H A	26141
	94702
	94830

Bendixen H C 41687, 83817
Bendowski O 4263
Bene J 22609
Benedek L 15471
Benedek T 11583
Benedetti A 18612, 26924
Benedetti G 88312
Benedicenti A 4
Benedict H I 24479
Benedict H M 20409
Benedict M R 17544
Benedict R G 20437
Benediktov I 63355, 71371
Benediktov I A 36480
Benediktov P 58496
Benediktsson K 10622
Benedix E H 19864, 89442
Beneke R 79649
Beneke R R 27603, 63304, 88554
Benenson G M 41362, 91928
Benesch C 53612
Benesch F 42454, 85188
Benesch I 86700, 86701
Benesh P 85613
Beneŝkaĭa G K 670
Beneyto R 36976
Benezra Revenga M 67466
Benezra Revenga M V 50969, 87916, 87930
Benford H 0595, 20613, 25414, 27604, 34871, 40261, 40614, 52048, 53017, 71932
Bengoa J M 17584, 53430, 53501, 55876, 55877
Bengoechea J A 59288
Bengtson B 61907
Bengtson N A 7418
Bengtson O 35608
Bengtsson G 66683
Bengtsson N 49416, 58166
Bengtsson N G 40615, 74547, 91279
Bengtsson T 12860
Bengtsson-Hellgren A 1891, 3892, 73925
Benham E H 27434, 55160
Benham G H 14995, 22721, 26756
Benham S H 46625
Benick G 6413
Benick L 24720, 34215, 52405, 60803
Benin G S 36902, 45973
Benischke H 63094, 9087, 9088, 87653
Benitez J M 79922
Benitez Armas S 34397
Benitez Velez J 31073
Benjamin D M 6697, 94051
Benjamin H A 17664, 17665, 69696
Benjamin I 4547
Benjamin R K 19865, 28669
Benk E 35363, 44968
Benken C 59267
Benko V 76004
Benlloch M 5907, 6508, 11742, 56364, 64313, 77189
Bennazar J 45606
Benne E J 56890, 69553
Benner J W 4729
Bennet-Clark T A 12256, 47885
Bennett A G 85230, 85398
Bennett A J 36709
Bennett A L B 86702
Bennett B A 45652, 47004
Bennett C A 9622
Bennett C F 32485
Bennett C N H 11023
Bennett C W 543, 544, 56586
Bennett F A 66886
Bennett F W 78991
Bennett G W 86117
Bennett H 78005
Bennett H D 14368, 50286
Bennett H G 75446, 9993, 46761, 71372
Bennett H H 3016, 3017, 14046, 14047, 14152, 14153, 14154, 21918, 21919, 21920, 31185, 31186, 40858, 49950, 49951, 49957, 66593, 74828
Bennett H W 57186, 58413, 81937
Bennett J 76780, 23407, 42892, 92239, 92401
Bennett J A 60348
Bennett J M 18491
Bennett J W 88552
Bennett K R 55439
Bennett L G 345, 399, 444, 89511, 89512
Bennett M 86515
Bennett M K 51951, 85231
Bennett P C 87537
Bennett R 58972
Bennett R G 75488
Bennett R R 1536, 19995, 20772, 20773, 30901, 33642, 39643, 73695
Bennett S 76250, 84250
Bennett W 69612
Bennett W C G 48170
Bennett W D 41092
Bennett W E 22640
Bennett W F 46060, 46762
Bennett W H 39267
Bennett W L 58893
Bennett W R 9261, 36569
Bennetts H W 24150, 50793, 50812, 74267, 83732
Benninghoff W S 58068
Bennink H A 58229
Bennion E B 7595, 8947
Bennion M P 61611
Bennion N 33363, 44019
Bennion N L 51695, 51563, 79864
Benno P 24981, 43701, 82543
Benoist 40155, 75760
Benoist C 34498
Benoist R 5293
Benoit J 6698, 16881, 24982, 24983, 52691, 52692, 85887, 85888
Benoit P L G 17447, 47813, 57490
Benoy W G 50593
Bensa S 50593
Benscheidt C 23070
Benscheidt K 64709
Bensen-Evans K 13447, 44040, 80107, 89926
Bensend D W
Bensin B M
Benson A A 20277, 64710, 81647
Benson C 82302
Benson D D 75489
Benson D V 85232
Benson E G 26648
Benson E T 46763
Benson G 7570
Benson G S 19309
Benson H J 22784, 26262, 26263, 45082, 62282
Benson H K 78742
Benson L 10460, 11442
Benson N R 21652, 30845, 30902, 40616, 49569, 66285
Benson R B 43133
Benson R W 75187
Benson T A 51564
Benson W R 76382
Benstead R J 40320
Bent J P H 44650, 53613
Bentata A 54762
Benterud J E 35754
Benterud O 44895
Benterud T 8170, 10236, 44741, 69878, 94273
Bentinck G A 94052
Bentinck G A G 16945
Bentinck-Smith J 4686, 51370
Bentivoglio A 10369, 37571, 48395, 71618
Bentley E 5412
Bentley E A 62341, 62342
Bentley J A 799, 47971, 64730
Bentley M J 56049
Bentley O G 33182, 42040, 42780, 43372, 60192, 67357, 92608
Benton C
Bentz F 22079, 35609, 44969
Bentz F L 30903, 31266, 49570
Bentz F L Jr 58230
Bentz H 3985, 3986, 5027, 50813
Bentz R W 86636
Benvegnin L 17722, 34913, 44651, 62487, 69763, 86739
Benvenuti B 21514, 29531, 31248, 66286, 74548, 81823
Benvenuto G 59268
Benwell C M V 70186
Benz F 16946
Benz K 19204
Benz R 54343
Benz R G 8608, 79386
Bequaert J 77820
Bequette J W 84163
Beran F 11623, 24365, 28727, 28728, 33835, 38558, 47359, 52406, 52749, 85936, 89479, 93511
Bérard H 9994
Bérard H L 69879, 78951
Berard E V 83367
Berardi Z M 12861
Berarducci C 16084
Beraza Jaureguí F 86703
Berberich P A 75447
Berbigier A 29642, 65247
Berbom G 67783
Berchenko B 50117
Berck B 68481
Berckes H C 14692, 22411, 50399
Bercks R 28987, 64546
Bercy D 91594
Berdlĭùkov D A 52204
Berdnik P P 59756
Berducou J 89927
Berdyshev A P 37515
Berendes F 2708
Berendes P 37705, 40952, 46365, 49571, 49811, 57912, 80128, 82804
Berends J C 88733
Berends J L 48914
Beresford R 26862, 36481, 87761
Beretta L 41945
Beretta M 79778
Berezanskiĭ M ĬA 49572
Berezhnoĭ T 41329
Berezhnov M F 20525
Berezin N T 54945, 54946
Berezin S 94890
Berezina O ĬA 70359
Berezina V M 93740
Bereznegovskaĭa L N 47886
Berezova E F 2602
Berezovskiĭ A 23189

	Item
Berezovskii A A	22785
	22786
	32644
	50692
	55166
Berezovskii I	33962
Berezovskii I L	90310
Berezovskii M	30543
Berg	1893
Berg A	72293
	81059
Berg B	73101
	73926
Berg C van den	14139
Berg E	14323
Berg E J	53491
Berg G A	65514
Berg G L	17529
	44242
	61560
	95222
Berg G M	23880
Berg H W	18308
	44652
	53614
	53615
	69764
	78922
Berg J	57638
	65515
Berg J C T van den	8190
Berg J F v d	48915
Berg J v d	23719
Berg L R	23758
	23800
	23801
	23811
	33213
	51565
	60061
	60062
	67990
	68012
	84807
	92944
Berg L S	20438
	67848
Berg M	3718
	81938
Berg O A	4861
	42345
	51371
Berg P van den	63548
Berg R T	32486
Berg S A	35314
Berg S O	55017
Berg S W	65516
Berg V A	35449
Berg W	22518
Bergal G	12273
Bergamin A	5215
Bergan G	47317
Bergann F	20196
Berge J S	13155
Berge O I	34966
	78300
	81824
Berge S	18973
	41653
	51904
	85097
Berge W A	8345
Bergelin E	39814
Bergemann G	27687
Bergemann H	4705
Bergen W von	35932
Bergeon P	76251
	76777
	92581
Berger	93156
	55161
	55597
	66946
	91584
Berger C A	56678
Berger F	4740
	52910
	53063
	53125
	53227
	53237
	53308
	57187
	61550
	63356
	69056
	81402
	84164
	90311
Berger E	8094
	22181
	31622
	50262
	71373
Berger J	3427
	22477
	23275
	31549
Berger K C	39044
	40679
	58362
	66192
	66287
	66288
	74661
	74914
	91036
Berger L A	52750
	85937
Berger P	52205
	52206
	60650
Berger R W	54693
Berger W	5
	6
	18023
	41688
	47147
	89184
	89185
Berger W C	3855
	8346
	8347
	26264
	26265
	26266
	26267
	36482
	45083
	62283
	70298
	94891
Berger-Landefeldt U	20265
Bergeret	48662
Bergeron R	49573
	49574
	49575
	53918
	55084
Bergersen R A	71034
Bergey J E	23879
Berggren F	1492
Bergh F	61840
	70810
Bergh H	83733
Berghold W F	27784
Bergholtz F	32816
Bergillos A	87826
Bergin E G	32043
	83583
	92059
Berglund D T	18309
Berglund E	3718
Berglund N	7194
	53162
	61519
	86127
Bergman B	671
Bergman B T	47814
	72955
Bergman G A	83399
Bergman H	35711
Bergman S	16168
Bergman T	7675
	8164
	18649
	26072
Bergmann	7854
	58613
Bergmann D R	37043
Bergmann G H	44164
Bergmann H	44311
	86385
Bergmann H K	51444
Bergmann J	51952
	59269
	93171
Bergmann W	42449
	48200
Bergmans J	1894
	13156
	13157
	13158
	30174
	57639
	57640
Bergmark M	385
	20197
	30176
	30643
	48144
	49337
	57998
	57999
	64314
	74341
	82544
	91102
Bergmens J	30175
Bergner K	53407
Bergold G	77157
Bergold G H	61282
Bergomi I	87538
Bergos J	22722
Bergquist D H	71013
	79835
Bergsma D	82545
	92248
Bergsma J	13448
	13449
	13897
Bergström G	80645
Bergström J	32065
Bergstrom S	70872
Bergue C E de	84893
Bergum A T	8191
	8192
Bergwitz	75041
Beri R M	12543
	18797
	49370
	73339
	90076
Beri S P	76857
Beridze G I	30057
	78862
Berim N G	85440
Beringer E	30955
Berio E	6754
	16882
	78066
Beristain B	18184
	45327
	86704
Berkel A	15017
	75687
Berkeley G H	47619
	47667
	56587
	64547
Berkeley Bank for Cooperatives	38178
Berkh M S	71189
Berkhan	40953
Berkhout H W	91518
Berks G	84852
Berland L	56011
Berliand S S	23141
Berlin L	92582
Berlin P Yu	92868
Berliner	62665
	62666
Berliner E	8948
	8949
	26649
	54426
	54427
	70694
	87539
	95155
Berliner J J	54344
	79473
Berliner M	20250
Berman D T	4548
	59270
	59617
	76252
	84251
	92608
Berman I	2709
Bermejo F	69880
Bermuda Dept of Agriculture	89075
Bermudez Espinoza S	18974
	69765
	86705
Bermudo-Soriano E	58570
Bern H A	51513
Berna R	36687
Bernacca E	11296
	28348
Bernadac B	71115
Bernadou P	9177
Bernaerts M	87353
Bernahl G	65517
Bernal W	67467
Bernal Cerice R	18752
	18753
	80405
Bernal Escobar P	27785
Bernard A	36903
Bernard B de	15137
Bernard C R	4971
Bernard E	67256
Bernard J	47674
Bernard P	17214
Bernard R	32692
	84802
Bernardelli O	15341
	48396
	50970
Bernardes B C	64960
Bernardi C	419
Bernardi G	16947
	43755
	61156
	81129
Bernardini F	75135
Bernasconi G	88207
Bernatowicz A J	64271
Bernatzky A	74700
Bernaux P	11743
	19893
	19969
	56477
	72633
Berndt	8819
	84649
Berndt H	67807
Berndt W L	52502
Berndtsson F	94313
Bernegger J	88734
Berner	13661
Berner U	1895
	2415
	3289
	21428
	21429
	52207
	77336
	82598
	82599
	91103
	93565
Bernet M	43573
Bernet R	67598
Bernfus E	8950
	69440
Bernhard	77667
Bernhard K	7698
	54694
Bernhard R	39797
	73390
	73803
Bernhardsen G	9904
	88272
Bernheimer A W	34558
	52751
Bernier G H	41107
Bernier P	6091
	24480
Bernier P E	23903
Bernier R	94216
Bernikov V V	58647
Berninzoni T (Hijo)	83818
Bernische Molkereischule in Rutti-Zollikofen	78952
Bernot A	8153
Bernotavicz J W	42391
Bernshtein S S	1723
Bernstein J	20076
Bernstein L	2551
	2557
	2558
Bernström P	73041
Bernuth von	11983
Bernuth L W von	1312
Bernuth W von	45084
Berousek	61584
Berousek E R	61584
	76155
	76223
	76339
Beroza M	43254
Berreth E O	37774
Berridge N J	8193
	53003
	53759
	60114
Berrie A	81434
Berrie G K	192
Berrill F W	800
	2160
	39014
Berrill W H	94234
Berrio Mendoza A	39315

	Item
Berrios A T	21921
Berrouet E	63411
Berry Mrs C F	90724
Berry D	52518
Berry F H	11624
Berry G H	1896
	82303
	82304
Berry J	76422
Berry J C	23408
	41946
	67468
	84036
	84037
Berry J K	70360
Berry L N	51566
Berry M F	67932
Berry P A	43151
	43702
	61030
	86022
	94153
Berry R L	46366
Berry R O	15454
Berry T F	57583
Bersenev E V	24505
Berset J	29051
Bershadskiĭ A L	31917
	67053
Bersin T	54874
Berst A H	43940
Bert M H	67257
Bertagnoni A	96149
Bertand	94809
Bertarelli E	89048
	59149
Bertaux G	57441
	86563
Bertels A	43152
Berten M	71313
	80449
Bertero A	25315
	36321
Berthault P	11625
	13074
	14048
	18366
	19310
	37645
	46218
	55500
	65451
	82949
	87385
	87386
	88313
	94632
	95156
	95697
Bertheleme	38012
Berthelet P	71374
	88735
Berthelon	51162
	51474
	92583
Berthelon M	5028
	76634
Berthet L A	84414
Berthet R	36174
Bertheuil	51163
Berthey G	56012
Berthoff R T	10569
Bertholdi R E	85938
Berthon P	91693
Berti	88719
Berti A	31074
Berti A L	93910
Berti L A	53616
Bertin C	51803
Bertin G	17723
Bertin P	64954
	65064

	Item
Bertin-Roulleau J	35780
	54074
	79650
Bertinetti A	88620
Bertl H	4264
	15697
	23048
	23049
	33648
	59550
	60394
Bertogliatti L	51164
Bertoli E	23076
Bertolini L H	69766
Bertolino E	3525
Berton A	29071
Berton P A	37435
Bertone A	79736
	95223
Bertossi F	83
	386
	621
	801
	802
	803
	2339
	12257
	73102
	81532
Bertram D S	86074
Bertram H W	25720
	92898
Bertran A	94009
Bertran C	18975
Bertrand A	30177
	39942
	48916
	52641
Bertrand D	29450
	48146
	64873
	90142
Bertrand G	7699
	17724
	29450
	29451
	30753
	44653
	48145
	48146
	61908
	69767
	90142
	94633
Bertrand H	5875
	16131
	24721
	24722
	68636
	94184
Bertrand M	93244
Bertrand P	1142
	4225
	81825
Bertrand de Nevreze A P	45755
Bertsch K	38402
	38417
	41114
	72913
	75106
Bertsch M	8951
	36322
	49576
	95832
Bertuccioli U	82950
Bertuch M D	40617
	66289
Bertuchoz C	77484
Bertullo V H	62814
Bertuzzi A	17725
Berube B	10238
	27358
	35610

	Item
Berville	93741
Bervoets W P	73103
Berwick E J H	78405
	78406
	88601
Berzaghi M N	2516
	13898
	37460
	44654
	66452
	78407
	94288
Berzin' fA M	93219
Bērziņš M	92188
Bērziņš O	35092
Bescher R H	3610
Besel J R	57815
Besemer A L H	38671
	47360
Beshkarev M M	42455
Beskine J M	6958
	7195
	34988
	43957
Besley L	31375
	31818
	41133
	75107
	83278
	91650
Bespal'ko I G	52208
Bespalov K	44165
Bespalov N D	2517
Bess H A	6509
	16751
Besse	70361
Besse J de	24211
Besseling A J	16477
Bessemoulin C	44386
Besset J	59039
Bessey	7419
Bessey O A	11024
Bessey R F	10596
Bessey W C	54345
Bessiere C	85599
Bessom M	19680
Bessom M L	64057
Besson G	978
Besson J	16948
	85614
Bessonov E	27605
Bessou A	22756
Bessuand J	66440
Best A E G	43756
Best J C	13534
Best J M	35284
Best K	12720
	19311
Bestbier N A B	88555
Besuchet G	86944
Betancourt A F	18754
	79923
Betancourt V H	74829
	83046
Beteta M R	71676
	88621
Bethel J S	32044
	75510
	91905
Bethge P O	41617
Bethke R M	3856
	32215
	41689
	50693
	56971
	75740
Bethlahmy N	56769
Bethmann-Hollweg F von	95485
Bethune J L	80011
Betram G	60378

	Item
Betrem J G	47035
Bétrémieux R	30754
Betschart P	27435
Bettenay R A	4461
	4462
	42262
Bettencourt A J	2416
Bettersworth B	4445
Bettini M	59442
Bettini S	6031
	25105
	93825
Bettini T M	22757
	41654
	60273
	85040
	92402
Betts A D	52209
Betts A O	68326
Betts C A	21622
Betts L C	1897
Betts S	32487
Betz J	16949
Betzold K V	38063
Beugin P	29842
Beuick M	44442
Beukenkamp R L	55162
	95698
Beukering J A van	82795
Beurmann A	38003
Beuscher J H	9995
	63606
Beust F von	56970
Beutelspacher H	81560
Beutler K	32967
Bevad L I	24234
Bevan L A	46764
	61735
Bevan R C	21864
	55440
Bevans G J	34728
Bevard G E	6835
	17958
Bevenue A	9142
	20476
	69572
Bever M L van	93537
Bever W M	387
	28763
	28607
	57117
Beveridge E	35174
	53354
Beveridge E A	69768
	78863
	86706
	94634
Beveridge W M	74238
Beversluis J R	50207
Beverwijk A L van	243
	19866
Bevilacqua G	59443
Bevilacqua I	78067
Bevin R H	1313
	73503
Bevis R	69466
Bewley	30405
Bewley W F	2161
	7347
	13159
	21033
	21653
	40156
	49132
	65823
	68388
	73927
Beyer E	71773
Beyer G	37731

	Item
Beyer G H	10597
Beyer H	74968
Beyer R E	33255
	76778
Beyer W	41777
	67356
Beyerlein L	15708
Beyers E	73104
	79474
Beyers H	36766
	95366
Beyleveld A J	70556
Beymer L	45596
Beynon J W H	4833
Beynon V H	10401
Beythien A	81577
Bezborodov M A	2559
Bezeau C M	14860
Bezeau L M	85092
	93150
Bezemer G H	95840
Bezruchkin I P	34914
Bezukladnikova N F	29209
Bezvershenko E M	30058
Bezinger E N	27164
Bhagat S P	56697
Bhalerao V R	26818
	28162
Bhargava O P	14583
Bharucha D R	14596
Bharucha F R	66168
	72263
	81939
	89928
Bhat G N	8427
	94925
Bhat R V	3683
	14892
	41506
	41507
	59049
	59050
	75580
	83603
	83604
Bhatia B S	8862
	87323
Bhatia D S	79475
	94607
Bhatia H M	15994
	41778
Bhatia K B	10253
Bhatia S C	6068
Bhatia S S	7855
Bhatnagar P S	1143
Bhatnagar S P	94010
Bhatnagar V B	12284
Bhatt H J	38127
Bhatt P H	62585
Bhatt V V	38787
Bhattacharga H C	95486
Bhattacharjee D	39220
Bhattacharjee H	68999
Bhattacharjee K	71528
Bhattacharji S	90143
Bhattacharya A K	2815
Bhattacharya K P	43495
	60794
Bhattacharya P	15473
	76955
Bhattacharya S C	11461
Bhattacharyya S S	47740
Bhatti S H S	24657
	52210

	Item
Bhawnani D H	44041
	44166
	52929
	52930
Bhide B V	45932
Bhide V P	56581
Bhowmick N P	86464
Bhushanam K	66290
Bia G	36688
	45756
Bia M G	48575
Biagini A	1144
Biale J B	56997
Bialkowsky H W	75581
Bialyt A M	40440
	40618
Bianca W	42938
	85098
	92365
	93182
Bianchedi A	79997
Bianchi A	85417
Bianchi D	48770
	65414
	82204
Bianchi E	59271
	67340
	68327
Bianchi F A	61287
Bianchi L	78614
Bianchi L E	60063
Bianchi R	55818
Bianchi Bazerque A	4009
	24680
	92266
Bianchi G V	3018
	14155
Bianchi Jordan L	32657
Bianchini	88719
Bianchini A	50657
Bianco E G	26898
Bianco L J	86903
Bibbey R O	21420
Bibby J & Sons	32601
	32602
Bibel H	60004
Bibić C	59913
Bibikov B M	84718
Bible B L	80450
Bible G	92675
Bible G W	76005
	76006
Bichtler E	6092
	33963
	33964
	33965
	77337
	77338
	85477
Bichuk N E	78864
Bick G H	17142
	24885
	34693
Bickel E	26776
	32985
	35755
	42418
Bickel F W	79888
Bickermann	19205
Bickers J R	45829
	46131
	95299
Bickerstaff F	78068
Bickford C A	50241
Bickford W G	9411
	36728
	36733
	62745
Bicking C A	3684
Bickle Mrs H	30178
Bickley W E	24426
Bicknell J	86128
Bickoff E M	36689
Bicudo L P	27359
Bidari P G	1158
Bidau L	57050
Bidaud A	46148
Bidault L	13160
Biddulph C	16259
	59551
	60133
Biddulph O	12258
	73105
Bidfük I	35121
Bidmead C	74342
Bidstrup P L	16260
	65924
Bidwell O W	40441
Bidwell R G S	64874
Bidwell W	66453
Bie G J van der	95439
Bieberdorf F W	30498
	56866
Bieberitz E	78796
Biebl R	672
	47887
	89759
Bied-Charreton R	25630
Biedermann G H	20148
Biedermann W	8662
	8820
	25780
	29836
	35450
	36145
	62488
	69769
	70588
Biehler J H	27927
Biehler W E	47989
Biekart H M	30179
Bielański W	92793
Bielefeldt J	25615
Bielfeldt	95699
Bielfeldt H	7055
	69205
Bieling R	3987
Bielinski W V	46765
	80549
Bielka R	71529
	90920
Biely J	5216
	33218
	60163
	92945
Bien C	87701
Bienaymé A	79779
Bierbaum A	15576
Bieri F	39705
	39706
	56365
Bieri F K	31295
Bieri H	43941
Bieri J G	5375
Bierling H	70454
Bierly S H	3135
Bierma J	37919
Biermann H	20480
Biesalski	78329
Biesalski E	65518
	65519
	66291
Biester H E	83959
	84358
Biezanko C M de	85938
Biggar A	33758
Biggar H	9262
Biggar J T M	18065
	79239
Biggar W A	43093
	88455
Bigger J H	6414
	29606
Biggi P	67602
Biggin R E	45142
Biggle J	59272
Biggs C	75083
Biggs D A	48174
Biggs E M	78953
Biggs H E J	85711
Bigham J T	6518
Bighi C	13773
Bigland C H	5793
Biglin D	74701
Bigman V IU	35933
Bignardi A	19081
Bignell J T	51822
Bigourdan G	25710
Bigourdan J	21654
Bigourdan R	36323
Bigwood E J	36324
Bihar Civil Veterinary Dept	83819
Bijl D de	13032
	65415
Bijl H de	65452
Bilbe L T	52693
Bilbrey K	57913
	93045
Bilderling N de	20739
Biliotti E	43181
Bilke E	67870
Bilker J	46367
	51290
Bill F W	29532
Bill J H	71610
Billane J M	28114
Billep F K	66993
Billette J	63889
Billib H	66479
	66724
Billingham R E	41941
Billings S C	6032
Billings W A	23993
	43364
Billings W D	692
Billington C	81054
Billington G S	32003
	58996
Billington J F	32944
Billington T	33074
	33666
	44243
Billington T F	1145
	2332
	15711
	81940
Billot C P	4265
Biloni J S	49338
Bimberg E L	5101
	42425
Binaghi C	33708
Binder F	7089
	61468
	62284
	69254
	69255
Binder G	65416
Binder K	60299
Bindseil	75301
Binet L	62971
Binet P	92584
	93121
Bing F C	53440
Bing L	70695
Bingefors S	598
Bingham D W	26574
Bingham E W	44298
Bingley J B	48153
Binkert K	27436
Binkley A M	30406
	57846
	95070
Binkley W C	27181
	63155
Binkley W W	63145
Binney T H	44896
Binns E J	58972
	75488
Binns W	15429
	16259
	42043
	59551
	60133
	60939
	92239
Binoya C S	2162
Binstadt	1795
Binswanger E	55085
Binz A	72335
Biological Society of Washington	19592
Biologische Bundesanstalt Braunschweig	89480
Biondi L	44146
Biondo G	76997
Biosse-Duplan A	51856
Birabén M	34162
Biraghi A	290
	56478
	72634
	72635
	72636
	72637
	72638
	72826
	89703
Birand H	20149
Birath B	4741
	51231
	84038
	84039
Birch S R	35310
Birchard W H	31376
Birchler A	78069
Bird E W	8194
	44834
	53800
Bird F T	60502
Bird H R	5217
	5252
	5253
	8348
	15059
	23802
	23803
	23847
	33183
	33184
	33185
	33204
	33214
	33215
	33365
	51567
	51568
	51569
	51635
	60087
	67291
	68013
	71021
	76725
	76779
	84803
	92946
	94892
Bird J	10623
	25631
	46447
	76007
Bird J J	40262
Bird L S	11960
	19970
	28970
	23971
	38773
Bird M J	43496
Bird O	46950
Bird R	36809
Bird R D	93742
Bird S C	15864
Bird W	49953
Birdsall L B	73928
Birdsey M R	28513
Birichevskaîâ L P	30180
Birîûkov N M	58801
Birîûkova A P	91384
Birîûkova E S	76499
Birîuzova V I	39258
Birk G	5908
Birk L A	8095
	36224
Birkeland C J	30014
	64085
Birkeland J M	60480
	76806
Birkeland O	67119
Birkett J D	76407
Birkett N L	16950
	34589
	52752
	61157
Birkinshaw J H	39221
Birnbaum E I	26323
Birnbeck	37012
Birnbeck S	32817
Birney J C R	53163
Biró E	33707
Biron M	82240
Biron R A	3101
	89929
Birot P	66169
Bisbey B	46988
	47009
Bisceglie V	38649
Bischi D	3988
Bischoff A	42346
Bischoff H	6699
Bischoff J	52279
Bischoff T	60651
Biserte G	7454
	45143
	69859
	70362
	78865
Biset L	7856
Bishara I	34560
Bishop A	60115
Bishop C F	48976
Bishop C J	1724
	56770
	80890
Bishop E L	11232
Bishop F W	3685
	41508
	59051
Bishop H J	43797
	52783
	77222
Bishop H W	9294
	26845
	62840
Bishop K	14969
Bishop M W H	32488
	76008
	76009
Bishop P	85478
Bishop R W	95367
Bishop T	54346
	56050
Bishop W H	16085
Bishopp F C	6033
	6076
	43153
	43574
	52167
	60533
	93360
	93361
	93512

	Item
Biskie L L	93115
Bismarck L	69078
Bismarck L von	78330
	94347
Bismarck-Osten F von	9996
	88314
Bisnovatyĭ S	25316
	86270
Bissainthe M	9937
Bisschop A de	44387
Bissell F E Jr	22535
Bissell K	71622
Bissell R M Jr	9743
Bissell T L	43631
	78070
	93841
Bisset G B	27700
	95841
Bisset I J W	23072
Bisset K A	673
Bisset W J	30596
Bissett H M	95314
Bissinger G H	43958
Bissinger W E	26473
	85441
Bisson J	48841
Bisson J E	93276
Bissonnet A P	87179
Bist B S	3811
Bisti E G	47888
Bistrup C	19633
	31599
	47889
Biswas B	18078
	54240
Biswas T D	91182
Bitancourt A A	11744
	11984
	29382
	56323
	56324
	56550
	56588
	59273
Bitter H L	32737
Bitterlich E	75423
Bitterlich W	3428
	22274
	31600
	31680
	31681
	40993
	66910
Bitters W F	73768
Bitters W P	1688
	12998
	29965
	47620
	56589
	64548
	82173
	89481
Bittinger M W	58399
	66480
Bittner A	67071
Bittner C S	2668
	36124
	39707
Bittner L	54028
Bivens G E	88200
Bivens J A	10370
	60113
	84846
Biwer H	76858
Bixler R W	66594
Biyikoglu K	72643
	81084
Bizioli O	8429
Bizot M	64248
	64249
	89394
	89395
	96198
Bjaanes M	1146
	48254
Bjalfve G	64912
Bjarnason H	41182
	50263
	91802
Bjegović P	6002
	11682
Bjelčić Z	82600
Bjerggård A	30755
Bjerke G	94446
Bjerken S	30499
	30500
Bjerling A	70299
Bjerninger S	61520
	69307
	69313
	86330
Bjørgung E	75237
Bjørhovde B	11745
Björkenheim L	86129
Björklund C M	95126
Björkman A	32068
Björkman E	14554
Björkman S O	734
Björkqvist K J	3779
Björling K	388
	43632
Björn L J	18462
	60652
Bjornetro T	91774
Bjornson C	93245
Björnsson A	77009
Björnsson G	94477
Björnsson P	42492
Bjørnstad A	47621
Blaauboer A	63692
Blacas J	46219
Blache J	64272
Blache R	43599
Blachez P R	10461
	19206
	27786
Black A B	77339
Black A L	16102
	23317
	51221
	67603
	76327
	78992
Black A S	1898
Black C A	2575
	12331
	21659
	40459
	49577
Black C L	18771
	54710
	79940
Black D	9295
	46220
Black D J G	5218
	15060
	76859
	84934
Black D M	18581
Black F	16323
	24481
Black G	26502
	53502
	54247
	95019
Black G A	28514
	28515
Black G K R	71619
Black G L	39943
	39944
Black H H	45974
Black I A	2534
Black J	49853
	84518
Black J D	17607
	35269
	71375
	88140
	88456
	95635
Black J D F	49578
Black J G	84853
Black J M	38403
Black L M	23010
	47774
	68803
Black M W	21011
	62451
Black N M	76780
Black P	90725
Black R	14893
	22080
	75381
Black R H	8952
Black S	47071
Black S L	76984
	85033
Black W	38650
	56479
Black W A	15061
Black W G	5570
	15949
	85023
Black W H	39945
Blackaller A	24366
Blackaller Valdes A	5909
	6341
	16527
	77190
	77285
Blackburn B	21034
	30181
	48917
	48918
	48919
	57642
	65520
	65521
	65522
	72361
	73929
	73930
	82305
	82306
	90577
	90726
Blackburn D	29879
Blackburn F H B	65925
Blackburn G	30822
	40536
Blackburn H L	36977
Blackburn J R	61636
Blackburn N D	77668
Blacker M	64058
Blackford J L	68389
Blackhurst H M	87133
Blackie J E H	61158
Blackith R E	16261
	68482
	77286
Blackler H	11554
Blackley J L	54611
Blacklock G M	10955
Blacklocks W C	57051
Blackman C L	32818
Blackman G E	29210
	29226
	39015
	39584
	56771
	57946
	65926
	73652
Blackmore B	19675
Blackmore L W	25184
	61434
Blackstock G H	86945
Blackstone D	74702
Blackstone J H	9511
	82094
Blackwelder R E	77669
Blackwell C	21233
	40157
	58493
Blackwell R F	71065
	71066
Blackwell W D	76860
Blackwood M B	27900
Blades J	42732
Blåfjeld G	14683
Blagburn C H	7018
	27250
	27700
	55086
	88556
Blagbrough H P	77287
Blagodarnyĭ V A	83820
Blagoveshchenskiĭ V V	33556
Blaha J	18220
Blaich O P	10371
Blain J	93277
Blain R	57914
Blaine E M	92947
Blair A E	66699
Blair A P	13161
Blair B O	56772
Blair C A	24674
Blair D S	82205
Blair G D	30182
	39946
Blair G W S	78993
Blair I D	11746
	64315
Blair J S	79432
Blair K G	43703
	43757
	61159
	78071
	85615
Blair R E	79534
Blair T A	41440
Blair W M	55744
Blais J R	19423
	43758
	60804
Blais R	46178
	87032
Blaisdell F W	66481
Blaisdell M L	69252
Blaise L	9391
Blaise P	56966
Blake A C	62319
Blake A D S	96199
Blake C D	3502
Blake D H	11233
	16529
	24723
	38199
	60805
	64012
	64013
	80750
	85616
Blake E L	29330
Blake F N	11025
Blake G A	81941
Blake G D	62182
Blake G E	23276
Blake G H	77340
	77697
Blake G R	13745
Blake J W	86707
Blake L V	65927
Blake N M	64014
Blake R W	18970
	72025
	87762
Blake S F	14254
Blakebrough N	44733
Blakelock R A	47219
	56192
	80942
Blakely C L	3989
	15131
	41779
	92732
Blakely R M	23853
	23895
	23994
	33186
Blakemore F	15443
	85233
Blakeslee L H	33004
	42983
Blamey E R	3990
	23521
Blamire R V	92585
Blanc	73769
Blanc G	6342
	22898
	22899
	22915
	24675
	24676
	24677
Blanc P	59274
Blanch G T	46339
	58400
Blanchard	47361
Blanchard A R	37461
	46221
Blanchard E E	34305
	85889
	35356
	53525
	63924
	80672
Blanchard F A	11961
Blanchard J	74501
Blanchard L	44794
	92249
Blanchard L E	74549
Blanchard M	11626
	81130
Blanchard M G	17437
Blanchard R A	16951
	34580
	94053
Blanchard R R	39947
Blanche D	19593
Blancher R	46149
Blanchet G	19807
	28532
Blanchet R	21518
	40631
Blanck A	43704
	68875
	85890
	93826
Blanck F C	61841
Blanckenburg P von	71567
Blanckmeister	91694
Blanco G	11234
	34649
Blanco M A	27606
Blanco Diez J	59275
Blanco Macias G	2669
	30179
	26324
	35934
	49954
	66104
	66292
	80852
	88315
Bland D E	14994
	50611
Bland H E	90990
Bland J	15504
Bland S E	60691
	93607
Blandford C M	74830
Blandin Landivar C J	19694
Blaney D	85301
Blaney H F	2535
	21834
Blanford C J	53829
Blanford H R	83233
	92087
Blank F	29211
Blank H	60116
Blank L M	11960
	47535
Blank M H	26119
Blanka A	16529
Blankfel'd IU I	71790
	90312

	Item
Blankholm E	40158
Blanton F S	17143
	17144
	52503
Blaquiere C	81131
Blaringhem L	11443
Blasberg C H	48771
Blasch J	43959
	53101
	61337
	86331
Blaschke F	50814
	84252
Blasdale W C	13162
	39948
	90727
Blaser E	40859
	66595
Blaser G	1627
Blaser R E	3953
	40920
	73504
Blasi F	87827
	95328
Blasi S	53617
Blasingame R U	20643
	34752
	71530
Blasingame W E	52049
Blasl A	86130
Blass L	40775
	40776
	66482
Blassnig P	4266
Blasy W	58915
Blaszyk	6415
Blaszyk P	16644
	47473
Blatcher J S	42844
Blatt W F	23337
Blattmann W	45085
Blattner R J	5294
	75830
Blattny	13662
Blatz W	52211
	77341
Blau G	4446
	4742
	51292
	68300
Blauvelt W E	68594
Blauw P	11747
	18300
Blaxland J D	33256
	60183
Blaxter K L	4447
	4549
	11105
	28213
	42041
	59167
	59552
	67537
Blaylock L G	67991
Blazhevski J	88847
	88848
Blazhko A I	28838
Blazquez J	93911
Blazquez Vicente J	24886
Bleasdale J K A	47890
Blecha E E	11026
Blečič V	80943
Bledsoe O F	27701
	37154
Bledsoe R W	58310
Bledsoe S	60902
Bleicken O H	86946
	86947
Bleier	64657
Bleiniger S	8821
Blekkingh J J A	45757
Blench T	14156
	14157
Blencowe J W	29033
Blendinger W	5047
	92250
Blenk	78301
Blenk H	1082
Blenkinsop R I C	75410
Blenkiron N	33557
Bles J C	73354
Bless G H M	12259
Bleszynski S	43759
	43760
Bleton	9998
Bleton C	40619
	73391
Blew J O	50472
	58976
Blew J O Jr	58973
	67085
Blewett M B	3268
Blewitt B	34163
Bleyer H	44488
Blíákherova R M	12590
Blickensderfer C B	57247
Blickenstaff R T	16283
Blickle J D	44117
Blickle R L	60903
Blight J C	5751
	51905
Blin H	5413
	53853
	40620
	30904
	68301
	81942
Blin P C	85140
Blincoe C	92586
Blinkov G N	21551
Blinkova M V	48397
	58231
Blinn R C	24446
Blinov L F	1725
	90543
Blinov M I	30729
Bliss A M	58214
Bliss C I	35764
	44918
Bliss E S	91385
Bliss L R	79924
Bliss M E	7020
	9131
	10213
	14006
	15251
	17204
	19786
	21656
	23261
	25600
	27581
	27681
	27893
	28203
	33473
	35747
	36595
	45682
	46345
	47131
Bliss R H	40621
Bliss R K	3020
Blivaiss B B	42643
Bliznick A	33257
	51607
Bliznjuk N	24482
Bliznjuk P	24483
Bliznjuk P IA	77342
Blizzard S W	55626
Jr	71791
Blizzard W L	51293
	84432
Blobaum R	43154
	63483
Bloch D	34217
Bloch F A	41279
Bloch F W	8953
Bloch H	59052
Bloch J W	7459
Bloch K	80085
Blöchl F	51165
	59553
	67538
	86386
Blöchl J	54183
Block A	55627
Block D	24724
Block E	17101
Block R J	5656
Block S S	26325
Block W	52212
Blockhan A R	70187
Blodgett E	47362
	47664
Blohm G	54030
Blohm K	46626
Blohm M	19469
	55819
Blois O	14158
Blois P de	30183
	65824
	57816
	90728
Blok J J	65316
Blokhin A	9999
Blokhuis J L W	50421
Blom A	1628
	1796
	12957
	13033
	20912
	30407
Blom B	76781
Blom C	41432
	83462
Blom E	32693
	76253
Blom G	54428
Blomefield L C	85546
Blomgren Y	83383
Blomkvist B L	59168
	79195
Blomkvist M S	50658
	67433
Blommers J	40622
	48829
Blomquist H L	80915
Blomquist R F	67132
Blondeau R	12489
	12490
Blondel	73770
Blondel L	1863
	2163
	2895
	12958
	18281
	19894
	20266
	20830
	21234
	39708
	39770
	49387
	57491
	57492
	79360
	82174
	87312
Blondeleau L	20481
Blondelle R	26127
	53503
	79552
Blonk H	2896
Blonk N M H	45757
Blood B D	22900
	22901
	32302
	41859
Blood D C	23277
	59618
Blood J W	40442
Blood-Horse	23562
Bloodworth L	79476
Bloodworth M E	20274
	21835
	78516
Bloom A	14040
Bloom F	23488
Bloom H H	34750
Bloom P E	49720
Bloom S	92543
Bloomer L	50208
Bloomfield C	2536
Bloomfield G F	36842
	36843
	87982
Bloomfield H	5702
	13899
	27702
	67604
Bloomhill G	84591
	92795
Blore T	10254
Bloshkin S	55087
Blosser R H	10255
Blosser T H	4448
	22838
	23190
	23191
	23211
	23234
	23384
	41690
	42119
	51294
	76156
	76207
	76409
	84418
Blot G	35182
Blöte H C	6632
Blount C L	1314
	82847
	95842
Blount G R	70557
Blount J	34357
Blount W P	15865
	16055
	18673
	23995
	24317
	27703
	33759
	43094
	46459
	51669
	60193
	76861
	77132
	84935
	85189
Blow C M	87983
Blow T	55164
Blow W L	23734
	23760
	76782
Blower G	6343
	85547
Blowey G	79633
Blue D	18310
Blue W G	12461
Bluett W	71376
	75021
	82951
Blum	27787
Blum G	31819
Blum J L	11444
	26085
Blum J P	2710
Blum K	16324
Blum R	20982
	54075
	71792
Blum W P	79692
Blume	75161
Blume G	66754
	71314
	71315
Blume J M	48000
	49579
	56773
	58095
	58232
Blume R C	41618
Blumenfel'd E	67724
Blumer G	85635
Blumer S	244
	20077
	28839
	28840
	28841
	38651
	64413
	72639
Blumer T E	45454
	70666
	87513
Blümke	29674
Blümke S	66862
Blunck	56013
Blunck H	6700
	52616
	78006
	85891
	85939
	94011
	96200
Blundell M	11235
Blundell M J	996
Blüthgen P	6701
	16883
	52694
	52695
	78007
	78008
Bly H J	32694
Bly M	39949
Blynn E	34204
Blyterud A	7176
Blytgen-Peter-sen E	18977
Blyth J S S	5152
	42733
	67964
	76680
Blyth W	89443
Blyth & Co	50504
Bo C del	46766
Boals G P	8954
	19470
	46910
	63830
	72026
	72027
Boan J	61445
Boarder A	90729
Boardman A H	43960
Boardman C M	81371
Boardman D S	75042
Boardman F	10462
	37628
Boardman M T	81132
Boardman W	75097
Boas F	67539
	89280
Bôas J T V	3991
Boase M	30130
Boatman B	61637
Boatman J P	76136
Boatman W J B	75741
Boawn L C	64711
Boback A W	6416
	28729
Bobb A C	53018

	Item
Bobb M L	16798
	16799
	16952
	33836
	52050
	78216
	93743
Bobbitt R M	10592
Bobby F C	54763
	60194
	76862
	84936
Bobchenko V I	40774
Bobée G	87466
Boberski E	55745
	69411
	88849
Bobier	36978
	36979
Bobier M A	94516
Bobko E V	89105
Bobkowicz E	62343
Bobrakov B	78794
Bobrikevich N	24318
Bobrov B	36646
Bobrov N	69350
Bobylev I F	59925
	67933
Bobynin A	22081
Boca A C de	42573
Boccacci M	93825
Boccard	45488
Boccianti C	69412
	78584
Bocharov P I	31085
Bocharova A P	16672
Bocharova O M	85831
Böcher T W	108
	674
	11354
	47691
	47692
	81372
Bochkarev G	77343
Bochkarev K P	59977
Bochko N A	41330
Bock	66971
	91888
Bock E	20963
	61909
Bock F	14050
	14636
	73708
	95157
Bock J H	35311
	44525
Bock M	4175
Bock O	217
	64273
	64274
Bock R	31387
Bock W	218
	64275
Bockes O	90730
Bockhorn	10790
Böcklein	44944
Böcklein H	44945
	53899
	62133
	94703
Bockmann H	89482
Bockstahler H W	38652
	38665
Bockstiegel H	69256
Bockwoldt D	39709
Bocock A N	51775
Bocock B	78331
Bocquet	54822
	55355
Bocquet M	63039
Bodard M	89281
Boddy H	1315
	2897
	2898
	12721
Boddy H	12722
	13844
	29675
	39444
	44369
	55573
	57188
	65071
	74703
	74704
Bode H	39861
	44299
Bode O	72877
Boden S M	15962
	60409
Bodenhamer S H	24084
	67992
Bodenheimer F S	16800
	43155
	85303
Bodenstein	16295
Bodenstein D	33795
Bodenstein G	6761
	61031
Bodenstein O F	33924
	34656
Bodensteiner L J	4335
	57069
Bodine J H	25086
	34650
	78217
Bodinier R A	68637
Bodman G B	13755
Bodman P	83400
Bodner P	84719
Bodo	95083
Bodo F	48772
	54306
Bodon L	3992
Bodowski G	66985
Bodungen von	45975
Bodwell J H	23892
	61685
	80550
Boe K N	50336
Bøe M	48773
Boe N	16091
Boedijn K B	72467
	72468
Boeger	50694
	75742
	77043
Boegli W C	21836
	46129
Boehm H	6093
	6094
	93566
Boehm R M	41478
	67192
	67193
	75551
Boehme-Skassa C	55628
Boeke J E	8758
	62567
Boeke J H	27788
Boekenoogen H A	45757
Boelcke O	11445
	48398
	89282
Boelens L W	63607
Boellner L B	21015
Boeltzig K	18826
	46051
Boepple	33524
Boer de	54031
Boer G de	36852
Boer H de	4267
Boer H W de	30184
	57643
	64171
	89283
Boer K de	13845
	66293
	95783
Boer P de	78531
Boer P B di	7091
	42042
	62285
Boer T A de	11355
	82087
Boer W den	12394
	64712
Boerenbond Belge	63777
Boerendonk M J	19207
	55574
Boerger A	6836
	10000
	12193
	39445
	47815
	53383
	72152
	90448
Boerhave Beekman W B See Beekman W B	
Boeringschulte	50635
Boerlin H E	55575
	95895
Boerner E S	21214
	30373
Boerner F	22200
	28384
	64106
	90731
Boersma T	54947
Boesch M J	45489
Boesen V	81533
Boesler	25415
	34753
Boesler M	25185
Boesman G	38653
Boettcher H	34948
Boettiger E G	34306
	68756
	77158
	77821
Boeuf E	29632
Boeuf F	12567
Boev N D	57351
	73651
Boewe G H	72803
Bogachev A V	60806
Bogachev V	69206
Bogan N	95659
Bogard V A	66223
Bogart R	15957
Bogaty H	18066
	18153
	26326
	45144
	45145
Bogatyreva K F	57189
Bogatyrev K P	21657
Bogdan A V	57213
Bogdan J F	45146
Bogdanavichus I I	29676
Bogdanov M	26073
Bogdanov P A	58000
Bogdanov V	25970
	26142
	44971
	44972
Bogdanova E N	81514
Bogdanski C	62586
Bogdashevskaia O V	56960
Bogen A	7262
Bogen H J	39016
	64713
Boger L L	8802
	8803
Bogg C T	39950
Boggess W R	3412
	83401
Boggs H H	76010
	76011
Boggs H M	69978
Boggs L C	23996
	61388
Boggs M M	36325
	70538
	70594
Bøgh H	81463
Bogl F	55629
Bögli A	23073
Bogner	4743
Bogoslavlenskiĭ N I	59217
Bogomiagkov S	48255
Bogomolov A M	1147
	1148
Bogomolova E	94768
Bogor Veeartsenijkundig Instituut	92251
Bogorad L	90144
Bogue A H	70696
Bogue M B	37706
Bogusch E R	38418
	72914
Bogush P P	43417
Boguslavskiĭ G I	46037
Boguslavskiĭ V	44370
Boguslavskii V P	74705
Boguslawski E von	39269
	71793
Boguth W	15172
	23077
Bohåče J	51985
Bohanan S C	18978
Bohart G E	52469
	68535
	68723
	94012
	94013
Bohart R M	16769
	43705
Bohl E H	59307
	92252
	92253
Böhl K	90313
Böhle A C	42877
Bohlen	34814
Bohlen J M	78748
Böhm	78451
Böhm H	16673
	16953
	16954
	28837
	43761
	47363
	47364
	52753
	85892
	94014
	94054
Bohm L K	84650
Böhm O	291
	12044
	24432
	24789
Bohman V R	42043
Böhme	3157
Bohme F	245
	19831
Böhme L	40623
Böhme-Skassa C	2560
	2711
	9178
	81534
Böhmer J G	83349
Bohmont D W	12260
	13535
	39017
	40263
	40264
	49240
	57915
Bohn	59367
Bohn G W	2256
	13450
	57817
Bohn R	14051
Böhning R H	47891
	73106
Bohonos N	47517
Bohren B B	23997
	24059
	53895
	33113
	84937
	84938
Bohrer C W	7641
Böhringer P	7700
	35451
	61910
	61911
Bohstedt G	3857
	16073
	16122
	41675
	41691
	51938
	51967
	68309
	92520
	93220
Bohstedt G A	23192
Bohus G	81081
Boĭadzhi G Kh	43320
Boĭarkin A N	25604
Boĭchenko E A	1071
	48147
Boichenko E P	75302
Boichot A	28277
Boicourt A W	69178
Boidan J	23074
Boidin J	675
	11584
	72469
Boiko I	53045
Boiko L E	90314
Boiko M K	68238
Boimenblit A	10358
Bois C	7420
Bois de Chesne A	56133
Boischot P	21677
	40443
	82693
Boisjan J	1726
Boisseau J	9337
Boissiéras P	4550
Boitard	28342
Boiteau P	27231
	27789
Boivin B	80944
	89284
Boivin T E	19634
	37266
	41780
	79061
Boixo P de	74706
Boixo de Méritens P de	27437
	27438
Boke N H	23075
Boke R L	74707
Boken E	21515
	82686
Böker H	88316
Bokhari S M H	42120
Bokil S D	45218
Boklund U	9593
Bokman A H	54603
Boko F	59276
Boks J T	76783
	92982
Bokuchava M A	25781
	25782
	25783
	25784
	25785
Bokut' V F	70777
	73505
Bolanowski J P	44558
Bol'batenko G	95784

Bölcsházy F 15402, 92587
Bold H C 219
Böldicke H 86319, 94388
Boldin D 40159
Boldingh J 9392
Boléo O 71377
Boles J N 87321
Boley L E 51069, 76254
Bolgar I 62183
Bolger J 35147
Bolgov I A S 59344, 60753
Bolhofer W A 28402
Bolhuis G G 2417, 29533, 36690
Bolin D W 3962, 23804, 76726, 85084
Bolin F M 15224, 32303, 76784, 76799
Bölken A 4551, 84253
Bolla G 10463, 80367
Bollati G 40624
Bolle 23563
Bolle F 7, 85479, 89483
Bolle W 68239
Bollen A G 36820, 63020, 63560
Bollens W F 9361
Bollestad H 8096, 44846
Bolli M 47892
Bolliger O 8195
Bollman M C 35364
Bollmann 43418
Bolln O 8687
Bollow H 52504, 52505, 52506, 52507, 52508, 52617, 52754, 52755, 56134, 56480, 61032, 85712, 93827
Bologna P 48737, 57493
Bologna Universita Laboratorio Sperimentale di Patologia Vegetable 56366
Bolokhvianskii V M 36904
Bolós A de 72915, 80751
Bolós O de 72915, 72916, 80752, 89760
Bolotina T T 90172
Bolotov K 57190
Bolotov K D 32216, 49580, 73506, 81973
Bolotova N N 1149
Bolsa de Mercadorias de São Paulo 26327
Bol'shakov B A 35935
Bolstad E 20913, 73804
Bolsunov I 20774, 20775, 20776, 48640, 57391, 82118, 88105
Bolt C D 26328, 54176
Bolton B 18492, 86332
Bolton C 95104
Bolton G L 64066
Bolton J L 48399
Bolton J W 5134
Bolton Lord 3328, 14592
Bolton W 5193, 5219, 33187, 60117
Bolton W D 5295, 15807, 42644, 51166, 67713, 83497
Bolwig N 76285
Bolwin G
Bolyshev N N 2632, 82747
Bolz H M 89930
Bolz W 22902
Boman H 84254, 84433
Bomba K 23613
Bombardt J 58591
Bombay Dept of Agriculture 35408
Bombay Dept of Animal Husbandry and Veterinary Science 50933, 75831
Bombay Directorate of Publicity 37044, 27232, 71201
Bombay. Provincial Co-operative Institute 10256
Bombay Veterinary College 50934
Bombosch S 77670
Bömeke H 1629, 81133, 90617
Bomford E 58194
Bomhof H 61389
Bommeljé C 13163
Bompard A 64961, 64962
Bona L 35936
Bona T 56135, 56136, 57191, 63664, 63693, 64072, 64073
Bonacossi U C 66483
Bonadona P 16530
Bonadonna T 3818, 4552, 9320, 18493, 22758, 22759, 23078, 23079
Bonadonna T 23080, 29737, 32217, 32489, 50659, 50660, 50661, 50971, 50972, 50973, 51167, 51295, 59444, 59619, 76012, 83689, 84255, 92403, 92588
Bonal E 95660
Bonato C 79553, 81826, 95158
Bonaventura G 20644
Bonazzi A 10001, 32304, 49417, 82805
Bonazzi C 18067
Boncompagni T 81080
Boncy F 86708
Bond E 67375, 67808, 84502
Bond E C 79477
Bond G 20267
Bond G E 95785
Bond G F 19312, 71794
Bond J 28254, 31187, 52874, 75043
Bond M 54248
Bond M C 7660, 27439, 45328, 55165, 79535
Bond T E 53238
Bond T E T 56481
Bond W E 22240, 50389
Bond W R 3651, 14799
Bondar G 13663, 24725, 82175
Bondarchuk A P 58762
Bondarenko G A 23446, 51168
Bondarenko G K 12261
Bondarenko P 32218
Bondarev G I 37013
Bondarev I U F 67725, 76013
Bondarev P S 1630
Bonde C P Greve 1631
Bonde E K 81535
Bonde R 44147, 72640, 89734
Bondi A 26268
Bondon J 17405, 44167, 86333, 86334
Bondorff K A 2561, 49418, 58571
Bonds A B Jr 37775
Bondurant D C 14156
Bondurant J H 10257, 10372, 27790, 88573
Bondy F F 20257, 52427
Bone D 6095, 16325, 24484, 43284, 52213, 60653, 68536, 77344, 77345, 93567
Bone J F 92650
Bonelli G 15191
Bonetti V 40625
Boney W A 23958, 76785
Boney W A Jr 5296, 5316, 23904, 84872
Bonfanti C 32907, 92733
Bonfert A 92404
Bonfield J P 7360, 44244, 78572, 86448
Bonfils C G 58401
Bongardt 84256
Bongiovanni G C 6683, 25074, 93993
Bongiovanni R C 57192
Bonhag P F 6510
Bonham E B 19895
Bonicelli G 49854
Bonifacio F 78332
Bonifacio P 2164, 62344
Bonifaz E 39316, 81827
Bonilla E 66044
Bonilla R A 29564, 91280
Bonin C M 53854
Bonin J A von 46911
Böning K 47365, 56367
Bonini R 80504
Boninsegni S 95706
Bonis E de 36980
Bonisoli L 66294
Bonjour A 1150, 17545
Bonn Institut für Raumforschung 27907, 37739, 71773, 71775, 71777
Bonnar J R 62328
Bonne 54406, 27791
Bonne A 94616
Bonne K
Bonne-Wepster J 16759
Bonnebière F 78866
Bonnechaux E 70148
Bonnell J A L 65924
Bonnema H 67784, 67809
Bonnemaison L 804, 6417, 16169, 16531, 24433, 34438, 60807, 77671
Bonnen C A 17692, 49904
Bonner A 37920
Bonner C E B 89182
Bonner D M 23142, 29476, 56692, 73042
Bonner E 91803
Bonner J 20351, 29212, 81583, 81584
Bonner J F 47893
Bonner J T 73259
Bonnet A 60009
Bonnet F 79241
Bonnet J A 14571, 21922, 58344, 74550
Bonnet L 25711
Bonnet P 19732, 24678, 29992, 44559, 89106, 93301
Bonnet R 64875
Bonnett O T 57117
Bonnicel R 40160, 54249
Bonnicksen L W 76431
Bonnier C 49456, 49467, 72264, 91219
Bonnier G 6511, 52509
Bonnin A 32128
Bonnin H 50815
Bonnot E 109
Bono P 1279, 48349
Bonomi P 18979, 46222, 55166, 88322
Bonsall M G 17134
Bonser H J 35148
Bonsma F N 36483, 60481, 85284, 95224
Bonsma J C 3290, 4268, 11356, 32219, 38850, 42121, 47693, 50696, 59445, 68302, 84040
Bonvallet H 45147
Bonvicini M 54846, 64963
Bonvin F 7701
Bony 87702
Bony A 95270
Bonz G 72827
Bonzer B 42734
Boock O J 56774, 56775, 57818, 58233, 58540
BooCock D 68390
Boodt M de 2580
Booer J R 11748
Boog-Scott J E 83837
Boogaerdt A 84257, 85100
Booher L J 21840, 66484
Book O J 49581
Böök S 69580
Booker S H 78658
Bookhout B R 37075
Bookman M 14057
Bookwalter L 65285
Boom B K 13164, 73931, 80853

Item

Boomsma C D 3390, 75022, 75207
Boon 55088
Boon R D 67810
Boone A R 36570
Boonstra C A 5703, 8955, 9179
Boonstra R 81943
Boonzaier W A 56085
Boos H 39951
Boos O 9145
Boosalis M G 81312
Boost C 59819
Booth A L T 59277
Booth C E 30408, 40161
Booth E S 86564
Booth F 42921, 42939
Booth F L 22597, 22598, 41479, 41480, 75552, 83595
Booth H E 14070
Booth J F 9766, 27245, 37052, 46223, 71378
Booth J T 88106
Booth K G 83605, 92094
Booth N H 50890
Booth R C 9878, 26269, 26270, 36326, 36327, 45490, 55341
Booth R R 76727
Booth-Smith J G 66045
Boothe H W 42363
Boðvarsson J 18539
Booy A E W 19313
Boquel G 30803
Bor L 66719
Bor N L 38419, 47220, 47221, 47222, 64172
Borage 60654
Borai I 32908
Borasio L 2712, 21516, 45491, 74551, 80129, 81828, 86516, 95700
Borasky R 62858
Boratynski K L 6633, 68804
Boray J 92254
Borbolla y Alcalá J M R de la 9393, 9695, 18311, 36972, 45758, 45759, 46038, 47894, 79280, 87828, 87829, 87830, 87850, 95105
Borch M 31092
Borchardt H 8822, 66485
Borchardt R 57644
Borchers 31682, 75044, 75303, 83369
Borchers I 10
Borchers R 22787, 68008
Borchers R L 5206
Borchert 22313
Borchert A 4214, 6096, 60655, 85713, 93157
Borchgrevink A 14749, 22519, 22520
Borck 39710
Bordallo J I 78867
Bordas E 6580, 6585, 24891
Bordas J 40537
Bordeleau R 71167
Borden Co 32045, 38064
Borden A D 25393, 28730, 34439, 38559, 52051, 68805, 81134
Borden R J 48601, 73355
Border J 60453
Borders F 49486
Bordes C 55630
Bordes J 30059
Boreham H J 61106
Borel E 20879, 73771
Borell A E 82546
Borg A 292, 43498, 77822
Borg H ter 24790, 83821
Borg J 1316, 1899, 39496, 57193, 75490
Borgan O 69581
Borgatti G 15995
Borgedal P 37462
Borges P A 6959
Borges H 90449
Børgesen F 28641
Borgeson C 57121, 81786
Borghesani G 8956, 36328
Borghi A 3993, 50935
Borghi M 18755, 18756, 54875
Borgioli 10484
Borgioli E 23109, 50697, 59620, 84258
Borgman H H 13034, 30905, 31234, 74552
Borgman R F 15573
Borgmann K 95463
Borgo A S del 49855
Borgo G 41388
Borgo B G 14597, 29210
Borgonovi A 78240
Borgström G 7702, 8196, 45410, 53384, 62184, 62498, 69679, 79334, 79478, 86637, 96638
Boriachok-Nizhnik G V 5571
Boriakov P 46368
Borie 71233
Borin K 63305
Borinevich V A 53064, 94309
Boring J 85341
Borini F 4269
Boris 27792
Borisov S 26985, 94795
Borisova L N 19971
Borisovich F K 32391
Borisovich Iŭ F 22903, 23947
Borisovskii N IA 73853
Borissow S 17546
Borkenhagen 75304
Borkhsenius N S 61033, 61062
Borkov N 67434
Borland A A 35611, 42044
Borland J W 30781
Borlaug N E 56482
Borlew P B 41509, 59053
Borman E K 64289
Bormans M 1151
Bormuth W D 45075, 54024
Born C 57194
Bornemann G 85175
Börner C 6634, 16801, 93940
Börner H 67063
Bornholms Landøkonomiske Forening 37045
Planteavlsudvalget 38962
Bornman L 80451
Bornstein S 84854
Borodin A S 84592
Borod'ko M 55356
Borodulin I 52214
Borojević S 90223
Boronovitskaia Z S 1053
Boros Á 89396
Borovoĭ V IA 41301, 58894
Borras Vidaola E 62345
Borrel 23503
Borrell S 8197, 25605
Borrelli G 3994, 4270, 4553, 22904
Borroso D 32305, 42182, 59621, 93246
Borsani L F 75585, 6635
Borsdorff 31752, 41280
Børset O 3269, 3391, 14450, 30501, 41170, 75208
Borshchov T 44113
Borsini O E 80955
Borst H 65072
Borst H L 59554, 82926
Borstel H 5024
Borstell H C v 94372
Bortels H 28842
Bortfeld C E 63504, 44337
Borthwick H A 805, 945, 20371, 20372, 39018, 39140, 89931
Bortner C E 30906, 58234
Bortnikov D 44306
Bortolussi F 61521
Bortree A L 17897, 26245, 35695, 42123, 51169, 53799, 59689, 79051
Borts I H 59278
Borud B E 64899
Boruff C S 45492
Borutskii E V 60904
Borzhkovskaia G D 67540
Borzhkovskii S E 67540
Borzi Z 29213
Borzini G 11627, 11749, 57819
Borzoni G 3995
Bos C 39798, 39799, 57442
Bos J 13900, 61338, 87313
Bos K 5414
Bosanquet C 71379
Bosazza V L 74708
Bosch C 26635
Bosch D W 22679
Bosch E 11750
Bosch F A C van den 5135
Bosch M 13165, 88736
Bosch R van den 68724
Bosch S 22796
Boschi S 87180
Boschi V 82806
Boschloo 59622
Bose A N 17666, 92255, 39019
Bose D M 89186
Bose M N 89211
Bose M von 69770
Bose N K 80854
Bose R D 54876
Bose R G 70363, 91220
Bose R K 94926
Bose S 60036, 71014
Bose S R 81082, 89187
Boseck J 37621
Boselli F 43762, 93828
Bosgra O 76255
Boshaev ÍA B 22760
Bosher J E 72896, 72897
Boshkov D G 20498
Bosi I 63608
Bosian 90671, 90672, 90673
Boskoop Verenigung "de Proeftuin" 90501
Bosley B 38065
Bosley D R 18367
Bosma W A 81829
Bosman J C 83735, 90187
Bosman S W 60382, 70364
Bosnić L 51
Bosq J M 4726, 24727, 34218, 77672
Bosque A del 22394
Bosque Flores R del 17115
Bosquet J 39317
Boss A 37267, 37463
Boss S J 8957, 70697
Bossard R 21035, 90732
Bosse F 54301
Bossé L 16326, 24485
Bosse R 79737
Bosselaar C A 32199
Bosshard A 13166, 30185
Bosshard G 70981
Bosshard H H 41642
Bosshardt H 35234
Bossinade L 19541
Bost J 41832
Boster D O 26446, 54407
Bosticco A 67258, 75743
Bostick V 75045, 81944
Bostick V B 20645, 57195
Bostock F 18549
Boston E J 67469
Boston M D 60097
Boston Conference on Distribution 25632
Boston Milkshed Price Committee 35781
Boström B 50556
Bostrom C E 18368, 18369
Boström S 36844
Bostwick D G 12385, 29214
Bostwick E P 9146
Boswel V R 16204
Boswell A B 63154, 88107
Boswell V R 43182, 90921, 93513, 93514
Bot J 8
Botanical Society of the British Isles
Botelho A T 37014
Botelho E A 22633, 22634, 29076, 72956

	Item
Botelho F B	85087
	85088
Botelho M	81403
Botelho da Costa J V	40538
Botella J R A	47036
Botha J P	48400
	81945
Botha P J	12262
Botham G H	8198
	17959
Botjes J O	55167
	55168
Botke F	16771
Botkin C E	79465
Botman J	63202
	63484
Botsford H E	62972
Bott R	93697
	93941
	94015
Bottarelli F	67605
Bôttari V	56489
Bottazzi E	85548
Bottazzi G B	81946
Böttcher	77346
Böttcher E	16305
Böttcher F K	16327
	33966
	77347
	77348
	77349
	85617
Böttcher H	68391
Bottcher K	82807
Bottenberg M van	3473
Bottger G T	16802
	24434
	52168
Böttger S	54877
Böttger T	23409
	76256
Botti L	84259
Bottini A	193
Bottini E	44560
Bottini E B	71933
Bottini O	21658
Böttner J	1551
Botto C E	19208
Bottomley M E	30186
Bottomley R A	54429
Bottoms D N	17215
Bottorf J D	66156
Bottorff C A	60118
Botts R R	27309
	27620
	46133
	46582
	55051
	88208
	95639
Bottum J C	18980
	45554
	62769
	63266
	71261
Botvinov A I	83402
Botwright W E	44973
Bouat A	21492
	58235
Bouchard F	18370
	48256
	48257
	55169
Bouchardeau C	6097
Bouchayer H	3686
Boucher H	68285
	68286
	68350
Boucher R E	9394
	18613
	95329
Boucher R V	23812
	42665
Bouchet R	56368
	81367
Bouchet R L	6418
	16170
Botticher R von	76665
Bouchilloux S	76956
Bouckaert J H	4722
	32695
	42124
	51845
	67606
Boudart R	50727
Boudet V	70621
Boudol A	51523
	51670
Boudry C	44020
Boudy P	14369
	58497
Boue	42450
Boue A	32994
	75967
Bouffil	65245
Bouffil F	12848
	13846
	13901
	48201
	49133
	65231
	69079
Bougard M	11751
	16520
	20914
	30015
Boughen W J	29917
Boughton D C	15668
	59926
Boughton G	96201
Bougy E	29843
	36905
Bouhelier	74138
	74139
	82176
	82177
	82480
Bouhier de l'Ecluse R	47571
	58236
Bouillanne P	88557
Bouillenne M	73107
Bouillenne R	806
	56776
	73108
Bouillenne-Walrand M	806
	56776
	73108
	73109
Boulaine J	49856
	58402
Boulais F	23081
	32490
Boulangé F X	53239
Boulanger J	24962
Boulanger P	5123
	7454
	41874
	42125
	53408
	60119
	76786
	77121
Boulay H	54408
	82241
	87473
Boulbin M	15467
Bould C	12263
	13904
Boulet L J	21659
	29677
	29678
	49582
	49583
	83736
Bouley G	15449
	51634
	59339
Bould C	2670
Boulhol P	58678
Boullard B	29215
Boultbee R	83435
Boulton E H B	58974
Boulton J	79242
Bouly de Lesdain M	64290
Boulware J H	8615
Bouma G J A	7284
	7409
	35058
	37464
Bouman J	12514
	19565
Bouquet A	30673
Bourasse J	70165
Bourbeau G A	66243
Bourdelle J	86131
Bourdier L	58687
	66295
Bourdillat J	10464
Bourdin A	80130
Bourdon D	1034
	12264
	13746
	13902
	35221
	81753
	86541
Bourdu R	48049
Boureau E	9
	11358
	38334
	47148
	64107
Bourget F	17109
	18909
	46150
	71276
Bourgenot L	74969
	75046
Bourget S J	40428
Bourgin P	16760
	93302
Bourgogne J	16955
	16956
	78072
Bouriquet G	2418
	72532
	81135
	81209
Bouriquet R	29216
	64714
Bourlet G	65232
	79781
Bourleuf A de	65073
Bourlier	5609
Bournas	53164
Bourne B A	89932
Bourne E J	25606
Bourne F A	51671
Bourne L B	22905
Bourne R	14540
Bourne R F	3996
	23278
	42347
	59279
	75832
	92589
Bournerias M	110
Bournier A	25144
Bournot K	79809
Bourotte M	11236
Bourqui P	60860
Bourquin A	74970
Bourquin F	34561
Bourrelly P	11555
	29642
	47318
	47319
	64276
	81060
	81061
Bourriquet G	1628
Boursier	34219
Boursin C	61160
	68911
	78073
	78074
	78075
Bouruet-Auber-tot J	80368
Bous A K	20964
Bousard M	21235
	21236
	26447
	30409
Bouscary A	90900
	90901
Boush G M	68731
	77836
	77837
Boushall T C	36767
Boushelle J P	27928
	37776
Boushelle P	46627
Bousquet	71380
	88317
Boussard M	29217
Boutard C R	30187
	57645
	73932
Boutard R J	80252
Boutet R	85839
Bouthilet R J	81083
Boutières D	14845
	22082
	31325
	31990
	32033
Boutique R	122
Bouton L	8199
Boutwell A S	88737
Bouvet R	94927
Bouvier G	15996
	33500
	77823
Bouwman L H	80369
	82952
Bouychou J G	9594
Bouyer	2794
	55956
Bouyer S	13903
Bouyoucos G J	2537
	12265
	66105
	74418
	91386
Bouzigues L	35487
Bovay E	36256
	87431
Bovay H E Jr	22560
	41406
	50400
Bovey P	96202
Bovey R	81536
Bovin A I	31388
Bow M R	52346
Bowden K	26650
Bowden R A	72828
	73110
	74553
	74554
Bowden R B	79554
Bowden S R	25028
	94055
Bowden W E	4271
Bowen B	4449
Bowen C C	20426
Bowen C E Jr	3139
Bowen C V	93515
Bowen G	56137
Bowen H D	69293
Bowen M S	48920
Bowen R	17448
Bowen V T	12319
	16734
	34307
Bower A	84639
Bower C A	30846
	58096
	58450
Bower D	4744
Bower R P	79243
Bowers A H	14279
	42045
Bowers C G	90733
Bowers J L	66046
	82481
Bowers R D	10465
	19209
	75968
Bowers R R	49955
Bowers W	7165
	17384
Bowers W E	39952
Bowes A D	46985
Bowes C G	18568
	26777
	70865
Bowes-Lyon D	65523
Bowien	62507
Bowland J P	24232
	77067
Bowler D G	69057
Bowler G E	92590
Bowler W W	54823
Bowles E A	90734
Bowles R L	6752
Bowling C B	35248
	44443
Bowling J L	82307
Bowling P J	75209
	81618
Bowman D H	12591
	12592
	12683
	13536
	29534
	29535
Bowman F	26534
	45493
	46951
Bowman G F	7703
	40321
Bowman G W	84275
	84276
Bowman L	21979
Bowman V V	8688
	36175
	36176
Bowness E R	42402
Bowness J M	75833
Bowring J R	70043
	79433
Bowser C	13537
Bowser W E	66245
Bowstead J E	4665
	49487
Box H E	6755
	6756
	25029
	60905
	61161
	61162
	68912
	94056
	94057
Box J	29625
Box S W	61736
Boxler B	43961
Boxman W H	21660
Boyce C W	83605

	Item
Boyce E	61692
Boyce E F	50029
Boyce H R	6775
	47682
Boyce J H	91000
Boyce J S	38654
Boyce J S Jr	20003
	38684
	72641
	81244
	89453
	89674
Boyce S G	12266
	72362
Boyce S W	20078
Boyce W R	20078
Boyd A E W	56500
	57820
Boyd A G	3997
	74510
Boyd A J	68392
Boyd A M	60005
Boyd D A	7421
	14015
	73392
Boyd D T	24190
Boyd E M	24342
Boyd G A	807
	51956
Boyd G H	10624
Boyd H	31545
	50229
	52993
	66969
	90984
Boyd H J H	91281
Boyd J C	26147
	26148
Boyd Mrs J C Jr	40162
Boyd J M	35311
	44525
	86639
Boyd L L	7285
	44307
Boyd P F	38340
Boyd R J Jr	83384
Boyd R S	70365
Boyd V A	95896
Boyd V F Jr	15063
Boyd W L	51170
Boyd W M	60525
	89484
Boyd Orr Lord	52931
Boyden K E	80452
Boye G	48921
Boyens	95882
Boyens W F	55170
Boyer	76636
Boyer C A	56369
Boyer C I Jr	23279
	51381
	59730
Boyer F	23280
Boyer J	17626
	25416
	38420
	72363
Boyer J M	10949
	10950
Boyer M E	93247
Boyer R S	88556
Boyer-Banse	71234
Boyer-Banse L	87314
Boyes J W	676
Boyes W W	54347
	62554
	87467
Boyette G	86646
Boyette G F	89134
Boyko E	48653
Boyko H	623
	624
Boylan W J	85041
	93124
Boyle A M	89578
Boyle F P	95141
Boyle L W	64414
	72887
Boyle R V	40777
	40778
	49857
	49858
Boyles R M	28331
Boylston H G	48350
	65046
	87288
Boynton D	808
	12267
	13905
	13906
Boynton H	15252
	50974
Boysen H	27440
	57052
	94772
Boysen H H	62010
	86831
Boysen O	53855
Boza Barducci T	62346
	70366
	72642
Bozarth S	23564
Bozeman W F	60120
Bozhko M P	33813
	93444
Bozrikov K A	5610
Bozzi-Tichadou M	86909
Bozzini F	71677
	80370
Braadlie O	3858
	40444
Braamcamp J de M	10002
Braarud T	47320
Braathe P	75305
Braathen H	3175
Brabec S	18185
	57443
Brabender C W	87540
Brabson J A	22003
Bracci L	81716
	81717
Brace C C	4745
	27929
Bracey H E	10598
	95935
Bracey S J	16803
Brachetka J	59623
Brachmann E G	74239
	78333
Brachmann-Nagel E	3587
Brackbill H	33796
Bracken M H	48216
Brackett S	33257
	51607
Braconnier	12593
	89155
Bradbury C J	32819
	32820
	42263
Bradbury D	29373
	64715
Bradbury E	71381
Bradbury F R	5905
Bradbury J C	3687
	22658
	32056
	41510
Bradbury L	4554
	73933
Bradbury R B	35878
Bradbury R H	4554
Braden A W	20436
Bradfield A	17960
	35804
	44974
	53919
	62188
Bradfield A E	81754
Bradfield R	30789
	30907
	58069
	66596
	82808
Bradford C M	17290
Bradford C R	84041
Bradford E A M	8609
	54659
Bradford G R	29193
Bradford H W	18674
	54764
	79868
Bradford J S	21036
	21037
	65524
Bradford L A	18809
Bradford M	84041
Bradford M E	46784
Bradford P	9361
Bradley C	90735
Bradley C E	18614
Bradley Mrs C P	65710
Bradley F	82308
Bradley G	65887
Bradley G A	24916
Bradley G H	6581
	43573
Bradley J C	60808
Bradley J D	43763
	61163
Bradley M	85042
Bradley R A	44412
	78718
	78736
	78737
	78740
Bradley R E	93303
Bradley R H E	24917
	56590
	61034
Bradley W	48602
Bradley W B	55920
Bradley W G	6757
	94050
	94058
Bradshaw A D	73111
Bradshaw C R	37465
Bradshaw J B	26651
Bradshaw K E	75210
Bradshaw P P	10625
	10626
	10627
	10628
	10936
	46628
	46902
Bradstock T F	92405
Bradt O A	73854
Brady D E	26824
Brady J J	60952
Brady M	82738
Brady N C	74413
Braeuer G	58569
	69881
Bragança M de	28290
Bragato P	1152
Bragdon C R	35937
Brage B L	30756
Brager-Larsen O	36571
Bragg C G	50006
Bragg K K	91001
Braginskil L	7375
Bragonier W H	20490
	39277
Brahma D K	36906
Braid K W	29679
Brain C K	14159
Brain E D	64716
Brainard J	95645
Brainard W W Jr	23082
Braine B	17547
	36907
	70698
Brakel W J	51171
Brakke M K	68803
	81537
Brakman P J	85618
Bramao L	58097
Bramble W C	31660
	50308
	75264
	81289
	89761
Bramer C N	51421
Brames Hall C W	65317
Bramkamp L	26033
	70044
Bramley W	41692
Brammer H	74468
Bramnik D B	88083
Bramo U	92676
Bramsen L	45927
Bramsnaes F	71181
Branaman G A	92521
Branas J	13075
	19972
	19973
	20965
	28115
	36095
	38013
	48830
	65453
	72829
	73855
	82242
Branch T P	61654
	86099
Branch W L	61912
Brancker W M	41781
Brand A	70045
	94776
Brand D	14637
Brand W	26329
Brandão C H	15971
Brandau H M	38273
Brande F van den	13167
	30188
Brande J van den	16262
	29037
Brandenburg H	83822
Brandenburg W	51475
Brandenburger R L	37777
Brandes E W	89933
Brandis R	54076
Brandl F	41363
Brändle	10466
	37646
	55501
Brändle A	77350
Brandly C A	3998
	4969
	5319
	15635
	51618
	60135
	76252
Brandly P J	36768
Brandner A	35672
Brandner H J	45877
	79863
Brandon A L	69771
Brandon J F	1153
Brandow G	37332
Brandow G E	18301
	87917
Brandrup J	76423
Brandsch F	1083
	65825
	81787
Brandsma J S	36329
	45494
Brandsoeter E	87066
Brandstetter B	80646
Brandt	57444
Brandt von	7286
Brandt C	29218
Brandt C S	25303
Brandt C W	3755
	29219
Brandt E	8823
	36257
Brandt H	24367
	50111
	52052
	64316
	85619
	85620
Brandt J	25896
	69882
	70912
	86948
	87831
Brandt K	71382
Brandt N	55631
Brandt P M Jr	10003
Brandt R W	61413
Brandts T G	14813
Brandwigk P W	77351
Branham A K	35249
Branion H D	23805
	23832
Brann J L Jr	7174
Brann V H	7287
	23721
	33114
	33115
	42735
	53240
	68096
	84754
Brannaman B L	73271
Brannan C F	3021
	7490
	7571
	10005
	10006
	10007
	13907
	27441
	28255
	28256
	31188
	38264
	40866
	45084

	Item
Brannan C F	46224
	46225
	46226
	53330
	55171
	55172
	55272
	63774
	69673
	69883
	71934
	71984
	78868
	80131
	88850
	88851
	90315
	90316
Brannon C C	76079
Brannon D	57407
	57607
Brannon D H	47489
	60534
	82230
Bransby E R	11106
Bransley G E	2331
Branson H	60158
Branstead R	58403
Branstead R B	73507
Bransten E Jr	7704
Branston B	32491
	37184
	37185
	46179
	55089
Brant A W	18675
	27048
	36834
	71041
	79882
	87918
Brant G W	76079
Brant J W A	60121
Brant P M	76431
Brantley B B	40173
	57825
Branton C	76014
	76065
	76066
	76115
	76123
Branzanti E C	1727
	29918
	47506
	56370
Brard E	68042
Brasch A	69617
Brasch J F	9395
Braschi G	55502
	69080
	86335
Brase	65826
	82907
Brase K D	12959
	38801
	73805
	90618
Brase O	54878
	81788
Brash A G	52510
	83823
Brasil O S	93125
Braslavets M	27607
Brasmer T H	32909
Brassler K	77352
Brat L	73112
Bratanov K	84755
	84783
	85043
Bråthen H	22442
	50415
Bratke A	8036
Bratlie O	8200
	59624
	70105
	76257
	84260
	92591
Bratlie R	63357
Bratt H M Jr	75834
Brattlie R	35093
Bratton C A	27439
	27930
	55090
	55441
	55442
	71729
	88209
	88457
	88458
	88558
	88696
Bratton E C	11282
Bratton R W	50990
	51043
	51044
Braud A	35712
Braude R	16056
	24235
	24236
	24237
	33760
	43023
	60410
	77068
	85234
Braudeau J	74343
Bräuer	92406
Brauer K H	5910
Brauer P	33967
Brault	94809
Braum E	77353
Braun	28843
	41782
	79062
Braun A C	11962
	24918
	64531
Braun A F	16957
Braun A J	11752
Braun D	77133
Braun E	6098
	43285
	57273
Braun F	60656
Braun H	30502
Braun O	15225
Braun O G	35286
	44489
	45377
	45378
Braun P E	68537
Braun T	94704
Braun W	23682
	87541
	95159
Braun-Blanquet J	625
	64589
Brauneis	25186
Brauneis L	10008
	37268
Brauner E P	19526
Brauner L	47895
Bräuning R	46227
Brauns A	2603
	16674
	24728
	24984
	34220
	34221
	34499
	34562
	43419
	52022
Brauns A	72957
	77673
	93744
	94059
Brauns E	85141
Brauns F E	32151
	41619
Braunschweig	86832
Braunschweig G	16099
Brause	69884
Brause L A	70873
	78954
	87703
Bravenboer L	21980
	38560
	72885
Bravo A	62770
Bravo A F	65371
Bravo A R	66191
Bravo G A	13664
	54948
	79686
Bravo M R	91548
Bravo P N	35452
Bravo Hollis H	19808
	89285
	89762
Bravo Mejía L P	15226
Bravy-Taillhardat	23614
Brawand H	66106
Brawn R I	73356
Brawner J H	70913
Brax A J	14894
Bray B	16804
	59280
	59281
	64074
Bray C I	15382
	32492
Bray F R	80417
Bray G T	40322
Bray J M	14800
Bray R	18550
Bray R H	21519
	29583
	30759
Bray R J	35938
Bray R W	16110
	59547
Brayne F L	37778
Brazão L N	61842
Brazhnikova L A	23998
Brazil G	76157
Brazil Dept da Produção Animal	41920
Brazil Instituto Brasileiro de Geografia e Estatística	80421
Brazil Instituto de Zootecnia	15293
	15295
	15658
	15671
Brazil Instituto Nacional do Mate	61913
Brazil Ministerio da Agricultura	72072
Brazil Serv de Estatística Econômica e Financeira	72028
	72029
Brazil Serv de Economia Rural	28051
Brčić J	94289
Breadon R	83400
Break R A	30908
Breakey E P	56591
	60535
	68483
	68809
	77674
	93996
Breakey W J	42896
Breakwell E J	1317
Bréart G	0009
	44946
	53900
Breault A	31932
Breazeale D F	53867
Breazeale E L	58214
Brébion G	29262
Brechner D L	55632
Brecht W	14895
	41511
	75582
Breckon E M	88781
Breckon W E	73357
Bredal-Bauer J	80056
Bredee H L	79244
Bredemann F	17232
Brederoo A J	65525
Bredíuk N	27360
Bredo H J	25087
	86023
Breed F	5795
Breed J B	66107
Breed R S	25897
	25971
Breedveld G	92039
Breeland S G	6582
Breen A V	2592
Breen G E	24435
Breen R S	89763
Breese F	6928
Bregante L J	59288
	59625
Bregante M J L	76258
Bregetova L G	12515
Bregger J T	40626
Bregger T	11919
	94112
Bregman A	9744
Brehm E	77675
Brehm P	15968
Brehm R	86980
	86981
Breidbach	809
	57584
Breider H	73856
	77354
Breihan E	46767
Breil J	44975
Breimyer H F	9180
	9181
	26778
	45735
	70893
	87814
Breinig R	24486
	60657
Breirem K	3859
	3999
	7422
	15342
	22788
	32220
	41693
	59555
	62286
	62287
	67259
	79063
	80753
	85079
	92189
	94745
Breistroffer M	28479
Breitbach R	63267
Breitenstein W	30503
Breitfeld	22761
	34815
Breithaupt L R	19635
Breitung A J	38335
	82309
Breitzke W C	95175
Brejoux P	86709
Brekelmans J A	5415
Brekke A	55443
Brekke T	4746
Breland O P	16761
	34428
	68789
Bremanis E	7455
Bremekamp C E B	38421
Bremen Botanischer Garten	26385
Bremen Handelskammer	44388
Bremer G	81464
Bremer H	11629
	19896
	28844
	72643
	81084
	89704
Bremer H E	53856
Bremer K	8610
	65827
Bremer P J van de	68097
Bremer-Reinders D E	20526
	81464
	81470
Bremner I S	79836
Bremner J M	2713
Bremond	78869
Bremond E	7705
	53618
	86710
Brence J L	11107
	17567
Brencis K	32221
Brender E V	31326
Brendjens J	89188
Brendler R A	68187
	76947
Brendstrup S	46228
	88930
Breneman W R	33322
Brener Z	77974
Brenet G	69380
Brenier H	78696
Breniere J	69000
Brenk C van	86982
Brennan E	39037
Brennan J M	34164
	52347
	77598
	77599
Brenner	74709
	78677
Brenner L G	12054
	12055
Brenner L G Jr	64590
Brenner M W	17726
Brenner W G	64964
	78440
Brenot D	76741
	76742
Brent Mrs D K	1900
Brentlinger P D	3638
Brenton P	7596

	Item
Brentzel W E	389
	56371
	72644
Breny R	6702
	33797
	52023
	68393
	68484
	77191
	85342
	85343
	93362
Bres R M	82482
Bresard S	71795
Breschke K	1552
Bresler R	40779
	65928
	73113
Bressani R	90188
Bresser H	887
Bressler G O	5297
	23940
	33366
	42736
	44021
	44245
Bressler R G	35725
	79387
	79388
	87387
	95050
Bressler R G Jr	35250
Bresson C R	20607
Bresson G	37046
	37269
	46629
	63203
Bressou C	59282
Breswick W N	55861
Bretag A R	15067
Brétaud	38014
Breteau	70558
Bretherton R F	16059
	61164
Brétignière	20482
	75760
Brétignière L	12594
	18371
	18981
	48202
	49812
	78697
Breton C	20082
Breton J F	17107
	25317
	27931
	67541
	86253
	92522
Breton R	626
Bretscher A	84756
Bretschneider R	6758
	16132
	78076
Brett	80913
Brett C C	73393
Brett C E B	9182
Brett C H	25088
	61259
	69001
Brett C W	7166
	61494
	86306
Brett G A	43484
Brett C E	12115
	81404
Brett P G C	48603
	89934

	Item
Brett W	57406
Bretthauer G	53655
Bretz T W	28845
	89444
Bretzloff C W	810
Breuer G	96083
Breuer M E	52524
Breuer P	54430
Breuers W	36845
Breuning S	6419
	6420
	16532
	52407
	52408
	77740
	85621
Breunlin R	41115
Breviglieri N	18186
	20787
	20915
	82285
Brevik T J	17475
Brew M L	38244
Brewbaker H E	12862
Brewbaker J L	20198
Brewer N R	4912
Brewer W D	38068
	96138
Brewer W R	30685
Brewin B I	72917
Brewster J A	9338
Brewster L	36603
	75953
	83824
Brewster M S	38516
Brewster O B	58651
Breyton	37779
Brezhgo B	95897
Brezhnev D D	811
	20199
	20200
	30410
	40163
Brezina R	57821
	11630
	19898
	39711
Brezinščak M	31949
Brian A	16478
	77600
Brian A D	16294
	43706
	85894
Brian M V	43706
	43707
	61107
	85893
	85894
Brian P W	47486
Brian R	81538
Briand	82177
Briand G	36096
	69772
Briant A M	29170
Briantseva I B	61260
Briasco J D	62894
Brice B A	9146
	56014
	87832
Briceño R	76259
Briceno Parilli M A	87697
Brichet J	39020
	47474
	57494
	64317
	65372
	70622
Brichta H	6034

	Item
Brickwood H	25417
	44168
	61495
	69284
	78508
	86336
	94365
Bricout G	71935
Bridarolli A J	6512
Bridge J H L	33509
Bridge R E	9396
Bridges A F B	29880
Bridges D	74971
Bridges J H	85190
Bridgman H	37764
Bridgman M J	18337
Bridgmon G H	11985
	38797
Bridgwater M	12110
Bridwell J C	43420
Brieger E M	92600
Brieger H	85442
Briegleb P A	75211
Briejer J	81136
Brien R M	69633
	81137
Brierley P	20079
	20080
	38798
	64549
	64550
	72830
	89705
Brierley W G	29955
	30141
	39911
	57624
	65482
Briese K	20423
	56942
	73298
Brieskorn C H	43255
Briffaz M	81640
Brigatti C	84255
Briggs C	4438
	23187
Briggs C A E	78994
	78995
Briggs C W	75098
Briggs F N	48258
	90224
Briggs G E	89935
Briggs G M	5220
	5230
	23791
	23878
	23880
	30504
	51570
	68182
	76736
	86554
Briggs H M	18901
	9314
	76015
	92523
Briggs J B	94073
	94074
Briggs J E	16057
	16058
	51906
Briggs J L	13168
Briggs M J	9873
Briggs M L	48654
Briggs O R	7706
Briggs T A	73738

	Item
Brigham D	73934
	73935
Brigham H	78585
Brigham R D	55633
Bright D F A	78532
Bright D J	50975
Bright I	95051
Bright O O	14693
Brightman I J	96113
Brightwell W T	48018
Brik B	20646
Brik B M	12723
Brik I	25418
	44118
Brikkjaer H E	44970
Briles R W	84757
Briles W E	23905
	76681
	84757
Brill G D	14203
Brillante A J	39602
	40627
	74555
Brilliant V A	12268
Brimblecombe A R	34222
	34440
Brimer J B	65526
Brimhall B	73459
	81768
Brimley J F	6421
Brin G P	39222
	56976
Brinck P	52875
Brind W D	2562
	91153
Brindley T A	6759
	60809
	68670
	93745
Brindze R	68485
Brinegar G K	35702
Brinegar M J	24238
	32222
	51907
Brinegar T	3860
	3861
	45087
	45124
	59169
	67435
	79226
Briner V	2066
	48922
Bringhurst R S	20201
	89936
	90022
Bringmann G	81405
Brink P L	54660
	54661
Brink R A	81465
Brink R C B van den Jr	89286
Brink T v d	15064
Brink W	14160
	47037
Brinker W O	15138
Brinkerhoff L A	38774
Brinkhoff	23680
Brinkhous K M	67811
Brinkley P C	19594
Brinkman G	65929
	80308
Brinkman H	8037
Brinkman K A	50181

	Item
Brinkmann C H	70046
Brio N	35673
	35674
Briolini M	40567
Brion A	3862
	4000
	4001
	4555
	5572
	29220
	42456
	48259
	50816
	51953
	75835
	76787
	92256
	92366
Brion J de	32945
Briones A Q	29862
Briotta L della	71383
Briquet Junior R	5416
	15037
	15505
	15964
	22762
	23565
	32821
	33116
	51672
	60306
	75744
	75836
	76016
	76158
	76260
	76728
	84043
	84561
	86904
	92257
	94705
Briscoe D A	24487
	93568
Briscoe M S	56641
Briscoe S	27932
	94447
Brisland C	9595
Brison F R	28731
	47366
Brissenden C H	35801
	44742
Brissenden O D	46768
Bristol University Agricultural and Horticultural Research Station	12901
Dept of Economics	46489
	46490
	63582
	88559
Fruit & Vegetable Preservation Research Station	95106
Bristowe W S	85543
Britikov E A	12269
	47897
British African Land Utilization Conference	10538
British Association for the Advancement of Science	19595

	Item
British Beekeepers' Association	62758
	79634
Research Committee	43286
British Cattle Breeders Club Conference	32603
British Chlorophyll Co	20268
British Columbia Bur of Economics and Statistics	7661 35409 72030
British Columbia Dept of Agriculture	80707
Poultry Br	92948
Statistics Br	44617
British Columbia Dept of Finance	37270
British Columbia Forest Serv	22276 31683 83403
Research Div	50291
British Columbia Research Council	28359
British Columbia University Botanical Gardens	92948 28386
British Cotton Growing Association	48351
British Electrical and Allied Industries Research Association	69257
British Friesian Cattle Society	59447
British Fuchsia Society	13169
British Goat Society	42976 60307
British Guiana Dept of Agriculture	11153 53588
British Guiana Forest Dept	75047
British Guiana Rice Marketing Board	54431
British Hondural Collector of Customs	28116
British Honduras Dept of Agriculture	63961
British Honduras Forest Dept	91595
British Information Serv	10010
Reference Div	10011 37271
British Museum (Natural History)	43764
British Oil and Cake Mills	5796 15343 16059 23193
Agricultural Advisory Dept	23194 26074
British Society for the Promotion of Vegetable Research	90922
British Society for Research in Agricultural Engineering	73508 78334 78335 78477 78478 78479
British Standards Institution	7196 52932 54547
British Sugar Corporation	54880
British Sulphate of Ammonia Federation	66703
British West Indies Sugar Association	71116
British West Indies Sugar Technologists	45976
Britnell G E	27442 50817
Brito F	22789
Brito-Muthunayagam A P A	
Brittain R	61701
Brittain W H	80453
Brittan A G	39953
Brittan O	16328
Britten H	52511
Brittin W D	93195
Brittingham W H	13451 30411 49134
Britto V de A	83047
Britton D K	10560 19255 37704
Britton D M	23077
Britton E B	60810
Britton J E	36160 79372
Britton J W	42457
Britvina Z I	57196
Briûkhanenko A N	24646
Briushinin I G	85235
Briûshkova K A	64754
Briûkhovich G V	12465
Brivkal'ns K	96217
Briwa K E	38066
Brix K	81539
Brixhe A	29643
Brixner F	96038 96039
Brizard A	52215
Brizard H	83859
Brjanski A	70894
Brnčič D	16675
Broach R T	94589
Broadbent D A	45148 45658 46339 95268
Broadbent F E	40506
Broadbent L	545 6636 43633
Broadbent M	42313 43095 63561 87786
Broadfoot W M	13847
Broadhead A R	17504 79568
Broadhead E	61288
Broadhead F R	46769
Broadhead W S	33075
Broadhurst W L	21837 82953
Broatch J D	38821
Brobeck F R	38067
Brochart	92407
Brochart M	41947 41948
Brock A A	43156 72533
Brock C	51372
Brock F D	35879
Brock J F	63879
Brock M J	89132 89133
Brock R B	25786
Brock R D	47678 64551 72843
Brockett G F	94235
Brockett J E	46460
Brockman C F	6760 67003
Brockmann H	10 11357 72265
Brockway G E	55091
Brockwell J	64472
Brodacki M	7961 33287
Brodbeck C	31796
Brodell A P	1154 13616 44169 44170 48260 49312 57053 60536
Broderick R E	22412
Brodey R S	67812
Brodhaag M H	8958 55820
Brodie B E	65930
Brodie H J	12116 20150 64291
Brodie R M	65931
Brodie R N	74240
Brodovich T N	91775
Brødsgaard C G	91651
Brody S	32798 42225 42233 76323 92499 92586 94497
Broeck L van	8349 26652
Broeg C B	63095
Broek C J H van den	37018 54949 95577
Broekema G A H	72099
Broekhuis E	71316
Broekhuizen S	36330 39318 44076 44082 62667
Broekhuyzen A van	4984
Broen M	17196 21038 21039 21040 21041 39954 73936 73937 90736
Broer H	220
Brofeldt P	67004
Broggi J A	71730
Brogle T	79245
Brohmer P	5876 72336
Brohult S	86711
Broich	80454
Broin J de	45830
Brokamp J	71796
Brokaw C H	95107
Brokstad T	14324 46180
Bromberg A	90674
Bromfield L	10012 18982 30811 58195 63826 82809
Bromley S B	15065 15066
Bromley S W	1901 33837 34308 60906
Bron E J S	67607
Bron H	3254
Bronaugh F	13170
Brøndegaard V J	19974 50976
Broniatowski A	75688 92011
Bronisławski S	22906 33036
Broniewskiĭ S	31807
Bronnen H	55746 71750 80132 88179
Bronner G	38655
Brönnimann H	42737
Bronovitskaîa Z S	54831
Bronsart H von	30847 74469
Bronsch K	92258
Bronson D R	91090
Bronson T E	16805 85836 94373
Bronzetti P	33575 68041
Bronzova G ÍÀ	73509
Brook A J	56303
Brook A T	58572
Brook C J H	42738
Brook M	56483
Brook P J	38889
Brook T B	2165 3102 18250
Brook T S	68806
Brooke C	76261 86337
Brooke D	9512 15969 [illegible] 42518
Brooke D L	46505
Brooke E H B	75491
Brooke W M A	13171
Brooker S G	87833
Brookes A J	7506 76424
Brookes J D	78009
Brookfield M B	6960
Brooklyn Botanic Garden	11359 13172
Brooks A	5417
Brooks A G	75852
Brooks A N	56621
Brooks B	47694 45495
Brooks B B	46772
Brooks C J	78077
Brooks D E	75463
Brooks D W	10856 46762 54077 71936
Brooks E H	87181
Brooks E R	12117 81406
Brooks F A	12997 29966 48738
Brooks G T	16806 61035
Brooks J	36769 78780 94498
Brooks J E	38245
Brooks J S	29536 29605 57054 81862
Brooks L	46630
Brooks L A	25373 44139
Brooks L E	65241 65242
Brooks M	34563 46903
Brooks M G	29221
Brooks M L	63880
Brooks O H	15403
Brooks O L	13908 29681 92524
Brooks R F	54370
Brooks R M	39712 48693
Brooks R O	82547
Brooks R P	64015
Brooks R V	84652
Brooks T J	13909 58159
Brooks V	87182
Brooks W	82310 90737
Brooks W S	51296
Brooks W W	17533 17537
Brooksby J B	59999
Brookson C W	58001
Broome A E	75837
Broome M A	63673
Broomhead R	33368
Broquist H P	23883
Brorsson H	51172
Brosheer B C	69314
Brosier M H	69070
Brossmann	7149
Brosy R L	67117
Broszkus W	6761
Brotero F A	22599
Brother G H	11134
Brotherston J G	32696 51173 67682
Broto A de	20614 30412
Brotos C	52053
Brouard J	49339
Broudre	9905 39603
Brough C R	30016 39800

	Item
Brough O L	9509
Brough O L Jr	27818
	36764
	45659
	53441
Broughton A	4556
	4557
	15344
	19162
	23281
	25469
	32493
	42046
	42126
	44246
	86387
Broughton G	22641
Broughton W B	52848
Broumand H	9319
	18567
Brounstein C J	41512
Brouse E M	51243
	66319
Broussard A E	14451
Brousse H	46229
Brousson P	50402
Broustail M	60000
Brouwer	58404
Brouwer E	4450
	41694
	48148
	50698
	59556
	59557
	62288
	84165
	88996
Brouwer F I	80855
Brouwer H	8221
	26157
Brouwer T	69979
	94635
Brouwer W M T J de	60907
Brouwers J	92734
Brovchenko M I	20455
	25816
Browe J H	19516
Brower A E	93304
Brower G J	55634
Browicz K	31513
Brown A A	83436
Brown A C	374
	47367
Brown Mrs A C	40323
Brown A E	53357
Brown A H	17667
	22521
	29443
	36164
	36258
	47898
	71531
Brown A J	31918
Brown A L	2333
	4859
	14020
	15908
	30505
Brown A S	74710
Brown A W A	5911
	6587
	2488
	2490
	7719
Brown B	4272
	9652
	15253
	19082
	84160
	84434
Brown B A	49584
Brown B D	53809
Brown B I	13713
	39955
	56292
	72470
Brown C	27608
	37780
Brown C A C	78382
Brown C B	30848
	74511
Brown C D	43903
Brown C H	12693
	26330
	29644
	29645
	62347
	62348
	62349
	65047
	72233
	73469
	73470
	81899
	85480
	90288
Brown C J	32494
Brown C J D	78302
	86117
Brown C W	41783
Brown D	7707
Brown D A	29222
Brown D C	15404
	76159
Brown D D	39644
	39645
	39646
Brown D G	69081
Brown D J Jr	23782
	60254
Brown D M	65527
Brown D P	43287
Brown D S	20918
Brown D T	65286
Brown E	18615
	74344
	78078
Brown E A	66486
Brown E B	12045
Brown E C	94431
Brown E E	8038
Brown E F	28232
Brown E G	11061
	40780
Brown E M	14207
	44655
Brown E S	24919
	43634
	43870
	61036
	85304
Brown F A Jr	85730
Brown F M	16133
	16960
	60503
	68913
Brown G	15254
	55173
	58098
Brown G F	74831
Brown Mrs H	3291
Brown H D	26537
Brown H G	55444
Brown H J	19733
Brown H M	28900
Brown H P	52876
	75712
Brown H W	67828
Brown I C	21543
Brown I L	11631
Brown J	42370
Brown J A	84892
Brown J B	79832
Brown J C	5418
	7288
	42739
	45831
	51673
	51674
	60064
	69381
	76863
Brown J G	89578
Brown J H	42047
	52346
Brown J J	8465
	16134
Brown J M	41784
Brown J M B	31623
Brown J R	38422
	73938
	90738
Brown J R C	93698
Brown J S	10581
Brown J W	48121
	56948
	66833
	81526
	81540
	81729
Brown K	42667
Brown K J	32095
Brown K P	87752
Brown L A	10013
Brown L E	9468
Brown L G	25633
Brown L H	18930
Brown L N	14161
	21838
	31189
	66487
Brown L R	16807
Brown M	46770
Brown M A	76327
Brown M L	11136
Brown M S	11529
	23172
	38890
	64658
	73043
	89902
Brown N C	14750
	31462
	41039
	58930
	75108
	75136
	75511
Brown O	22790
Brown P B	24239
	45832
Brown P L	47102
Brown R	7333
	20269
	47899
	81541
Brown R C	94060
Brown R F	72831
	90739
Brown R G JR	59975
Brown R H	45496
	79556
Brown R J	45977
	95487
Brown R L	15225
	44147
Brown R T	81373
Brown R W	25152
	41513
	70134
	86983
Brown R Z	85921
Brown S	17216
	54032
Brown S A	48149
Brown S C S	33798
	34309
	60504
Brown S M Jr	4935
Brown Mrs S N	19734
Brown S O	23944
Brown S W	20202
	89813
	93829
Brown T S	27711
	73627
Brown T T	5419
	25260
	42645
	84855
Brown V R	36770
Brown W	1902
Brown W B	60624
Brown W E	94608
Brown W F	14896
	41535
	41553
	41554
	50528
	75583
	92103
Brown W G	45149
Brown W H	88459
Brown W J	71202
Brown W L	20203
	81461
	90220
Brown W L Jr	16985
	52696
	52697
	52698
	52741
	78010
	85895
	85896
	85897
Brown W N	90544
Brown W O	3863
	51608
	67260
	67993
	67994
	67995
Brown W R	50079
Brown W S	5853
Brown W V	12118
	13643
	20270
	81542
Browne A R	87756
Browne E N	88460
Browne F G	83279
Browne F L	22550
Browne F S	26604
Browne G	88318
Browne P	67470
Browne W M	91596
Browne W R	75646
Brownell A	9513
	1867
Brownell J D	30373
Browner V L	61737
Brownfield A D	12724
	22791
Browning A R	82765
Browning B L	41620
Browning D R	21615
Browning E	53331
Browning H W	10629
Browning M S	59448
Browning T O	61261
	61262
Broyer T C	12270
	12271
Brozzetti P	59170
Bru	23503
	32929
	76548
Bru J	69207
Bruce D	3503
	3504
Bruce D S	41040
Bruce H D	3780
Bruce J V	63962
Bruce M A	8355
Bruce M E	83169
Bruce N	6422
	43421
Bruce R	4834
Bruce W	50977
Bruce W G	93830
Bruce W M	79479
Bruce W N	6514
	53142
	93363
	93831
	93832
Brucellosis Research Conference	4002
Bruchard M de	76425
Brücher E	90225
Brücher F J	65910
Brüchner K	13692
Bruck G von	87361
Bruckner A	27361
	88461
Brückner C	8959
Brückner E	91678
Brückner G	77355
	79557
	87652
	95191
	60658
Brückner H	4226
	22907
	76262
Bruckner J H	33405
	95368
Brueckner A L	4003
	5122
	5298
	15197
	23705
	23966
	33330
	42514
	51633
	51648
	51649
	59283
	59997
	76831
	84747
	84902
	84903
	84904
	84905
	85027
Bruehl G W	390
	72534

	Item
Brucneck S	5611
Bruenig H	66755
Bruens F	55494
Bruer H L	64552 64574 72866 72867
Brues A M	33348
Brues C T	16135 16676 93305
Brügel W	27609
Bruggeman L	1903 30189 73939
Bruggeman L C	47475
Bruggemann	77044
Bruggemann C C W	13665
Brüggemann H	4558 5752 15038 18494 23410 67471 75745 84044
Brüggemann J	51150 75746 78719 79196 92258
Brüggemann K	92259
Bruggemans R J	17109
Brugger A	77531
Brügger H	92592
Bruggink H A	69151
Brugirard A	69773
Brugman H H	33649
Brugman T	15611
Bruhin A	29223
Brühlmann M	71937
Bruhn P A	15405
Bruhns E M	76017
Bruhns R	42845
Bruijns M F M	19735
Bruin P	40384 82810
Bruini C	86712
Bruins G W	57822 85622
Bruins H W	23806 23807 76767
Bruk A	2899 29492 49859
Bruk I A M	53104
Brükner H	32495
Brumbaugh J	15359
Brumbaugh J H	59558
Brumbt D	71168
Brumfiel D	71797
Brummelkamp J	9397
Brummitt Mrs A	1904
Brun	73709
Brun J	19897 38656 39021 47900 81210 81543
Brun L H	39319 64913
Bruna T	54847
Brunaud M	4004
Brundage A L	50775 84167
Brundage K P	17960 62188
Brundage R C	41281 41433
Brundage V	58371 66454
Brundell E	1797
Brundin L	68638
Brundrett Sir F	10857
Brüne	66296
Brüne F	58237 66297 66688
Brune G M	74832
Brune H	83825
Brune K	3706
Bruneau J	6342 22898 22899 24675 24676 24677
Bruneau de Mire P	86024
Bruneel R	15653
Brunel A	56961
Brunel J	47189
Brunel M R	56793
Brunel-Capelle G	20439 29224 56962
Brunelli A	18757
Brunelli A A	1493
Brunelli P	20527 30849
Bruner D W	15809 51609 59927 59928 83826
Bruner E C	66455
Bruner H E	30506 30628 30629
Bruner S C	6513 43422
Bruner W H	45655 60482
Brunes B	93278 3688 14897 22642
Brunet P	85305
Brunet P C J	69002 6837
Brunette C E	40445
Brunetti B	69680
Brunetti O	53782
Bruni A	59994 92768
Bruni A C	92260
Bruni B	1798 57585 61914 65454
Bruni G	25419 61414 86221
Bruni O	64435
Bruni-Demoulin J	14757
Brüning	30812
Brüninghaus P	62666
Brunini J	15669
Brunk M E	18251 18252 27362 44435 54250 62508 62509 70607
Brunink H	79687
Brunneder	75419
Brunneder R	31919 58931
Brunneman F C	2714
Brünner	65074 65075 51088 91243
Brunner E	1799 28117 34836
Brunner E de S	17647 80057 80435
Brunner H	5912 16171 26491 45411 70623
Brunner J A	94557
Brunner J R	78996 78997
Brunnert	43002
Brunnert J	5753
Bruno F	2419 11360
Bruno-Smiraglia C	23955
Brunovskii V Kh	76426
Bruns E G	86401
Brunscher L E	92988
Brunson C C	23722 33258
Brunson F D	22275
Brunst E C Jr	8039
Brunsting E H	40926
Brunswick Germany Institut für Landwirtschaftliche Marktforschung	25744
Bruron S S	63831
Brus D H J	32697 41949
Bruscalupi G	31075
Bruschetti A	63358
Bruse	84720 84721
Brusewitz R R	25685
Brush F R	39801
Brussels Jardin Botanique de l'Etat	19852
Brutsman F E	75838
Bruun J	66972 75162
Bruyère A	5029
Bruyn G de	30190
Bruyn H L G de	28846
Bruyne de	42264
Bruyne A S de	92142
Bruyning C F A	90912
Bruynzeel W	31479
Bry A	90619
Bryan A H	88991
Bryan A M	29225
Bryan C R	23723 23762
Bryan C S	8097 26075
Bryan D R	18068
Bryan G S	81407
Bryan J	92031
Bryan J H D	20440
Bryan J M	36552
Bryan M D	11046
Bryan R	73517
Bryan R E	8824 8825 57421
Bryan V	50080
Bryan W G	44832
Bryan Arana C	21923
Bryant B S	22584
Bryant C B A	17818
Bryant D	26653 31292 46518 60411
Bryant E B	52348
Bryant F	70367 87183
Bryant G E	43423 52409 77676
Bryant H E	37921 39883
Bryant J	51748
Bryant J M	5550
Bryant J S	88210
Bryant L H	22707
Bryant L R	40265 49241 61390 79113
Bryant M D	49135
Bryant M P	22731 42048
Bryant R L	23804 25491 60168 76682 76726
Bryce J H	54251
Bryden J D	18221
Bryden R J	90923
Bryden W E	14921
Brygider W	61108
Brygoo E	42940
Bryk F	6762 16961 33799 34564 68914
Brynaert J	745
Brynard B	77010
Brynard W J	33613
Bryner J H	84303
Bryner W	1864 13131 17291
Brysin A	25420 61680 66947
Bryssine P	27218
Bryzgalov S I	62350
Bubanj V	14971 75537
Bublitz L O	41620
Buch E	76957
Buch H	5420 47695
Buch P O	65528
Buch T G	56899
Bucha H C	13538
Buchanan B R	55747
Buchanan D E	91215
Buchanan E D	63963
Buchanan F A	69885
Buchanan J S	4273
Buchanan M A	67216
Buchanan M L	3962 16086 33560 77071 85084
Buchanan R E	28387 63963 80896
Buchanan S J	40403
Buchanan-Smith A D	51089 67472
Buchard R	2518
Buchele W F	12713 17223
Bucher E	58849
Bucher G D	77356
Bucher N	85714
Bucher R	82811
Bucher-Guyer	82954
Bücherl W	6344 6345 6346 6347 60754 60755 68595 85550
Buchholtz A	85142
Buchholtz C	43904
Buchholtz K P	91002
Buchholz	34872 60537
Buchholz E	31389 31820 50118
Buchholz H	65248
Buchholz O	91585
Buchholz U	6099
Buchholz W	55092
Buchholz W	69179
Buchincer A	39956 29537 29538 48261 57055 57056
Buchinger I S	78586
Buchinger J	13173 64016
Buchinger M	28516
Buchinger W	7150
Buchkov N	4274
Buchli A	84593
Buchlmann E	67436
Buchloh G	64250
Buchner A	13910 20316 65932 66689
Buchner P	93306
Buchnev K N	83827
Buchotte M	8201
Buchwald H	15970 42646
Buchwald K	89764
Buchwald N F	19975 47333
Buchwalter N E	75399

	Item
Bück	26786
Buck C C	14651
Buck C L	65529
Buck F D	52410
	68639
	77677
	77678
Buck G	15574
	76263
Buck G J	1905
	13174
	65530
Buck G S Jr	45150
Buck J	46631
	70895
	92261
Buck J T	79837
	95369
Buck R E	54224
Buck W M	26331
Buckell E R	6703
Buckhannan W H	66223
Buckingham M	65076
Buckingham W	1515
Buckland D C	64318
	75353
Buckle D	71317
	80371
Buckley A R	30191
	48923
	57650
Buckley K H	82483
	86646
Buckley J J C	43499
	68796
Buckley M S	54432
	54433
Buckley R	17678
Buckley T A	30909
Buckley W R	76316
Buckly E H	59099
Buckman H O	74413
Buckman S J	3689
Bückmann D	78079
Buckmaster M J	25187
Buckner G D	23906
	76788
Buczowski Z	23549
Buda F	44897
Budansky G	50367
Budd N H	86640
Budde	23195
	37466
	49813
	92677
Budde T	31235
Buddemeier W D	48203
Buddenbrock W von	43115
	93307
Buddin W	545
Buddle M B	84261
Bûdel A	16329
	16330
	33968
	52216
	77357
	77358
	77359
	77360
	85481
	93569
	93570
Budennyi S	51500
Budet Dominguez A	33369
Budhiraja R P	12543
Budin K Z	91282
Budkevich A	10014
Budkevich E V	22723
Budko A I	7072
	53046
Budnar A	11361
Budnik V S	5030
Budnikov V I	35939
Budowski G	66797
	91889
Budwig J	45780
	54731
	87859
Budyka I Kh	32604
Budyka S Kh	22478
Buechele W	73510
Buehl C C	80371
Buehler M H Jr	16136
Buehling S H	41167
Buelens E A	10951
Buelens H	39320
Buell A	13175
Büell C D	39957
Buell K M	47741
	81408
Buell T	13175
Buen B de	16137
Buendía A	43256
Bueno A	59626
Bueño C del	88462
Bueno L de F	95701
Bueno P M	82832
Bueno R C	84895
Buenos Aires Bolsa de Cereales	8960
Buenos Aires Ministerio de Asuntos Agrarios Dirección de Ganadería	33761
Buenos Aires (City) Universidad Nacional Facultad de Agronomiá y Veterinariá Biblioteca	27443
Bueren J van	6961
	34754
	37094
	55011
	69082
	71532
Buettner L G	53476
Buettner R	41407
Buffa A	8666
	36146
Buffa E	80327
	86338
Buffett H	18569
Buford W R	87403
Bufton A W S	64674
Bugakov A	20528
	46632
Bugala W	66918
Bugiani D	51232
Bugiani M	59284
Bugnicourt F	47334
Bugyaki L	5797
Buhl	15139
	22908
	22909
	41785
Buhle	10630
	44534
	46771
	55174
	69656
Bühler C	19899
Bührer H	6100
Bührer N E	36846
Buhrgard A B	35853
Buhs A	61843
	88036
Bui Xuan Nhuan	18139
Bufânov A	61339
	69315
Bufânov I A	73394
Bufânova V	67118
Bulatti P G	23083
	23196
	24222
	62289
	67261
	92408
	92409
Buie T S	12725
	21924
	21925
	58498
	83048
Buíko-Rogalevich A N	23597
	84594
Buil Palacio J	52217
Buining A F H	48924
	80945
Buishand T	82484
Buisman J A K	35940
Buitkamp	25345
	68266
Buitrago Garcia E	84653
Buívol D I	31327
Bujan J	44326
Bukarev V M	57003
Bukatsch F	58127
	73114
Buker W E	80968
Bukharov I V	75048
Bukin V N	61715
Bukor O	88108
Bukowiecki H	26942
Bukshtynov A D	31390
Bulanadi J	44136
Bulanov E	3438
	25421
Bulanov F	62859
Bulanov I F	79738
Bulard C	20271
Bulat H	2216
	73190
	82511
	90019
Bulavin V P	75001
Bulcock F W	53385
Bulen W A	29452
Bulger W O	61165
Bulkley G S	26034
	94706
	94707
Bull L B	51823
	85101
Bull R S Jr	86587
Bull S	16075
	87777
	95309
Bullard A G	27933
Bullard J F	83828
Bullen J J	5031
	51824
Bulling	18983
	76618
	88622
	88623
Bullis D E	9722
	63191
Bullo A	31076
Bullock F C	35285
Buller G B	50309
Bullington R T	65531
Bullock A A	65933
Bullock D S	64173
Bullock J F	20257
	36975
Bullock R M	28732
	47901
	47902
	48694
	49569
Bullock R R	30902
Bulman C	79739
Bulmer-Thomas I	71798
	80455
Bülow A von	66903
Bulwer H C E	66597
Bumbel W C	83076
Bumstead W A	32910
Bunaðarfelag Islands	38155
Bunce A	27793
Bunda M	87482
Bunde C A	67813
Bunde R H	86949
Bundel' A A	39240
Bundesanstalt für Alpine Landwirtschaf	23138
	23139
	62656
	73444
	73681
Bundesanstalt für Forst- und Holzwirtschaft	22199
Bundesanstalt für Getreideverarbeitung	70699
	87542
Bundesanstalt für Pflanzenschutz	16954
Bundesversuchsinstitut für Kulturtechnik und Technische Bodenkunde	80823
Bundren J	51761
Bunge V A	42049
	76144
Bunje R B	45329
	54252
	54253
Bunker H P	24985
Bunn C E E	83829
Bunn H	94928
Bunnell D E	5816
	9349
Bunnelle P	94310
Bünning E	64614
	64717
Bunting A H	12849
	29825
	36691
	45760
Bunting E S	29210
	29226
	39584
	73652
Bunting M I	12272
Bunting S	87451
Buntley G	91246
Buntley G J	30831
Bunzli G H	6423
Buonaiuto G	2715
Buonsanto M	909
Buonvino C	20272
Burakov ÍÀ M	40628
Burakov ÍÀ N	1084
Burandt E	67871
	84722
	84723
Buras E M Jr	18084
	26341
Burbury T E T	71520
Burcalow F V	42105
Burch B J Jr	15533
	76203
Burch G R	32911
	67813
	75834
	76523
Burch H B	55878
Burch J W	41916
	46633
	80456
Burch P M	76613
	84595
	92796
Burchard A	16062
Burchard J E	10631
Burchard K	53019
Burchfield H P	11849
Burckhardt H	28670
	69221
Burd H A	26448
Burd H E	84846
Burda N	52618
Burdaev M I	74833
	91744
Burden J H	24986
Burdett J H	90502
Burdette R F	95051
Burdette W J	16698
	24791
	52512
Burdick A B	23143
	29078
	39321
	73511
Burdick E M	18040
	36240
	36281
Burdick R T	19184
	36572
	55445
	95284
Burdin M L	59627
	59628
	67700
	75839
Burdzhanadze V F	35453
	79361
Buré J	8961
	62669
Bur de la Nutrition Animale J Péruchon	84804
Burema J P	19562
Burenko S F	27884
Bures F	55635
Buresh E J	78657
Burg A H van der	89937
Burg B van der	53920
	62185
Burg J van der	94708
Burg J L van der	67726
	69886
Burg J P L L A	2420
Burg W B van den	4559
	32698
Burgdahl A C	75658
Burgdorfer H	52411
Burgdorfer W	34165
Burge C A	67727
Bürger	49814
Burger A W	32223
	81947
Burger F W	3185
Burger G	79246
Burger H	58708
	64075
	83385
Burger J	6101

	Item
Burger J E	9623
Burger M	25787
Burger O E	61738
Burger O J	812
	57197
	90317
Burger T D Jr	15612
Burger W C	11983
	89732
Burgers T F	14417
Burges A	47696
Burges H D	24744
	60832
	85643
Burgess A C	1318
	74241
	74556
	80133
Burgess D	84694
	84695
Burgess H S	70701
Burgess L E	34651
	69003
Burgess R	411
Burgess R W	24914
	77824
Burgess W M	64361
Burgis D S	13539
	65934
Burgisser H	15996
	33500
	84654
Burglon N	58196
Burgon L	59054
Burgos	51857
Burgos C X	5221
	5421
	18603
	24191
	33188
	60379
	68351
	79838
Burgoyne J H	26925
Burgsdorff A von	36771
Burgstaller L	51524
Burgues S A	94467
Burgwald L H	69991
Buri D	46561
Buringh P	2519
	2633
	30713
	83049
Burk D	813
	20273
	20422
Burk M C	9846
	94533
Burkart A	89287
	89938
Burkart B	23986
	27047
	60187
Burkart E	3538
	22236
	31463
	91732
Burkafškafa G	95786
Burke D	20112
Burke D W	47599
Burke E	28163
	48925
Burke G C	81099
Burke H A	67608
Burke J D	33710
	46449
Burke J H	18187
	28118
	45267
	62452
Burke J P	91877
Burke N F S	32699
Burke P W	77556
Bürke R	73241
Burke S	10744
Burke W J	11390
Burkel' M R	13812
Burkett W K	19126
Burkhard	76683
Burkhard N B	84596
Burkhardt B S	76555
Burkhardt C	88730
Burkhardt L	54184
	70496
Burkhart B	84839
Burkhart B A	8980
	26660
	87543
Burkhart H	86254
Burkhart L	8611
	90740
Burkhart R L	85250
Burkhart W C	85190
Burkhead C E	25600
	60536
	69729
Burkholder C L	391
	11910
	20831
	56484
	79436
Burkholder P R	80896
Burkholder W H	47057
Bürki M	57646
Burkill I H	133
	47038
Burkitt J S	3731
	15032
Burkitt W H	3864
	4451
	5652
	15446
	24137
	24142
	51090
	51815
	51817
	51908
	59171
	59559
	67262
	67542
	70300
	83737
Burkle J L	50287
Burkman R	46864
Bürkner	94534
Burkov P	52218
Burkova T N	20359
Burks A J	8202
Burks B D	52699
	93364
Burla H	60908
	60925
Burlage H M	63199
Burleson C A	20274
	20621
	78516
	81900
Burleson D	4449
Burleson F R	91221
Burleson R E	92678
Burley R	40629
Burley R H	65828
Burley R W	45164
Burley S T Jr	87298
Burlíaí F	91804
Burlingame B B	27712
	27713
	37572
	37580
	55452
	63563
	71631
	80329
	88562
	88565
	95846
Burlingham C G	54848
Burlington H	68486
Burlini M	16533
	77679
Burlison V	67097
Burlison V H	66948
Burlison W L	29702
Burma D P	94926
Burma Chamber of Commerce	72031
Burma Co-operative Societies Dept	28052
Burma Forest Serv	75049
Burman J H	24368
	58128
	68394
Burman S G	37707
Burmann K	16963
	16964
	16965
	52756
	78080
	78081
	78082
Burmeister C A	87704
Burmester B R	51657
	60122
Burmister D M	2630
Burmistrov A D	57523
	90620
Burmistrov F	46369
Burmistrov M V	35546
Burn J L	55879
Burn T	51353
Burnard C W	78955
Burne W R	57647
Burnet M	8663
Burnett D Jr	34500
Burnett E	74430
Burnett G E	66488
Burnett G F	6838
	25089
Burnett G S	77092
Burnett R	34755
Burnett T	34501
Burney H W	41593
Burnham J	11317
	27794
	32700
	59629
Bürnheim H	34873
Burnight R G	80086
Burnovskiĭ V	92869
Burr H	46336
Burns A F	72184
Burns A N	78083
Burns C	67856
Burns C H	42574
	44671
Burns E A	93365
Burns I G	79558
Burns J C	76019
Burns K H	67647
Burns L C	32223
Burns L V	8350
	50699
	62290
	70301
	70302
	79559
	87134
Burns M	71938
	83338
Burns M B	76160
Burns M M	3138
	4853
	66704
Burns N	30192
Burns P Y	91261
Burns R D	92719
Burns R E	79897
	89814
Burns R H G	59929
Burns T M	79884
Burns V H	26874
Burns W P	49860
Burns Compiling & Research Organization	64086
Burnside R H	79064
Burnthall E V	62351
Burnwell G P	56193
Buro A	91695
Buron	58249
Buron P	57589
Burov D I	49388
	58372
Burova A A	6890
Burr H	77134
Burr H K	70538
	70594
Burr J H Jr	33501
Burr M	86075
Burr S E III	14881
Burrage A C Jr	57823
Burrage R H	6524
	68640
Burrau N	78084
Burrell A B	19976
	44148
	47368
	72535
	73739
Burrell J H	15067
	70303
	76161
Burrell R C	26537
	29452
Burress C G	35059
	61469
Burriel Marti F	40446
	40532
Burrill L M	11027
Burriss J T	92262
Burris R H	12301
	29491
	39007
	48194
	56777
	64909
Burroff E L	44327
Burrough D E	65101
Burroughs E W	32224
Burroughs E W	32306
Burroughs J D	53526
Burroughs L F	17727
Burroughs R J	27251
	27253
	44284
	61612
Burroughs R K	44285
Burroughs W	4452
	3260
	83731
Burrow H	7642
Burrowes W D	69731
Burrows F W	8924
Burrows G	84045
Burrows G L	61726
Burrows G T	23085
Burrows S	3158
Burrows W T	33143
Burstone M S	84502
Burström H	12273
	12274
	31236
	39223
Burt J	83610
Burt S W	86571
Burthe-Mique P	12694
Burtin J	46230
	63683
	71384
	71799
Burton A N	67906
Burton D	18582
	36553
	70874
Burton F	33117
Burton G L	35251
	94777
Burton G W	1155
	12726
	21042
	21371
	39446
	40098
	58201
	65077
	82812
	89939
Burton H	8203
	8318
	11108
	70702
Burton H S	19736
Burton J C	972
	66192
Burton K	20441
Burton K A	56755
Burton L H	1906
	65281
	65532
	65533
	65816
Burton M	93308
Burton M O	91228
Burton R E	30413
Burton R W	40861
Burton S H	30850
Burton W E	67341
Burton W G	36259
	39022
	94498
	95108
Burtov V IA	52219
Burts E	52609
	85541
Burtt B L	56194
	56195
	56196
	56197

	Item
Burtt B L	57648
	80946
	80947
	90734
	90741
Burtt E	6839
	6840
Burtt E G	6102
	13666
	21430
Burtt E T	34154
Burulana L M	25972
Burvill G H	924
	1319
	88598
	91283
Bury H	30193
Busack W	15613
Busboom G H	18373
Busca M	74711
	74712
Buscaglione E	75163
Buscarons F	87984
Busch A A	79087
Busch C	77361
Busch E	24488
	66047
Busch T	68915
Busch T N	22479
Busch W	63359
	88738
Busche L M	37781
	95936
Buscher G	8431
Buschmann A	72364
Buschmann W	61522
Buschner F A	50982
Busev G S	32606
Bush E H	18069
Bush H	83489
Bush H H	66223
Bush R	1632
	1728
	1729
	2716
	6637
	7175
	8826
	12960
	13035
	13076
	19900
	19977
	20832
	20833
	38775
	48655
	54348
	65318
	78517
Bush V	72234
Bush W	23282
Bush W A	9398
Bush W H	32069
	41514
Bush-Brown J	39653
Bush-Brown L C	39653
Busher H	23086
Bushin P M	30910
Bushland R C	16177
	60909
	77886
	93541
Bushnell L D	23951
Bushnell O A	76837
Bushnell T M	13825
	30823
Bushuev N M	34837
Business of Farming	69370
Busnel R G	19978
	25059
	33819
	69018
Buss C D	73335
Buss J M	33249
Buss W	50818
	70850
Bussart J E	34441
	34442
Busse von	66834
	75354
Busse H	68197
	85191
	88463
Bussi B	27795
Bussman J	59847
Bussman R W	95149
Bussmann A	47978
	49672
Bussmann G	64718
Bustarret J	57352
Bustelo F	37047
Buster M W	18715
Bustamante Cardenas S	23999
	27885
Bustinza F	64108
	89189
	89485
Bustinza J M de	7197
Bustos G R	12872
	91284
	91285
	91309
Bustos Lopez M	80647
	80648
Bustraan M	56778
Busurin I A	24192
Busvine J	5913
Busvine J R	6638
	68395
	68487
	85794
Butcher J W	6704
	94016
Butcher R W	11556
Bute A	55900
Butenko P T	48401
	57297
Butenandt A	34682
	78085
Buthaud E	75164
	75165
Buthenhoff	5914
Butijn J	293
	2717
	2805
	57524
	66298
	66299
	74557
	82663
	91183
Butland P	70585
Butler A F	4560
Butler A N L	74141
Butler B E	2654
	2656
Butler C	71182
Butler C C	30507
Butler C G	6103
	16331
	24489
	52220
	68576
	77362
	93571
Butler C P	1320
	9774
	10373
	88560
Butler D	10015
Butler E	1321
	18070
	19901
	20483
	30851
	34967
	40568
	44149
	52054
	58541
	66250
	85940
	88852
	94061
Butler E E	81085
Butler F C	47476
Butler G D Jr	34167
Butler G W	814
Butler H	26863
Butler J A V	63964
Butler J B	8612
	88561
Butler J J	19636
Butler J K	77069
Butler J K Jr	51909
Butler J L	7122
Butler K D	41917
	55636
Butler L	64659
Butler L G	20275
Butler M	69166
	77022
Butler M D	3022
Butler M L	18116
	18117
Butler O D	15454
Butler O J	35802
Butler P F	13744
Butler R	86833
Butler R D	78937
Butler R E	96114
Butlien S	86307
Butovitsch V	60538
	77193
Butschek E	2604
	2605
Butseroga M M	56779
	73512
Butsevich V	40371
Butt F H	24729
Butt G L	47072
	79560
	79831
Butt R A	74972
Butt S M A	74419
Butterfield H M	1307
	21043
	21044
	28386
	57649
	85534
Butters E A	66193
Butterworth C E	63360
Butterworth J E	88781
Buttiker W W G	6423
Buttingsrud O Jr	31550
	41193
Buttner E E	5222
	15871
	24000
	24001
	33096
	42740
	60065
	60066
	68098
	76684
Büttner W	45928
	69582
	71094
Buttrick S	73940
Butts G S	37782
Butts H A	7609
	55924
Butts J S	5246
	34350
	43518
	77915
	85799
Buturović A	85306
	85551
Butvilovskiĭ G	94871
Butyrina P F	32238
	73513
Butyrina P S	42458
Butz D E	8040
	9321
	55061
Butz E L	27444
	35320
	63361
	80134
	88444
Butz W T	37475
Butzow F	23672
	26907
Buus S	60195
	93046
Buvat R	12119
Buwalda K	30911
Buxbaum	61500
Buxbaum F	19809
	20151
	38891
	47223
	47224
	72365
	72366
	72958
Bynum W M	29228
	80948
Buxton A	5388
	23907
	84262
Buxton J C	42647
	60123
Buxton P A	68487
Buys V	87544
Buyskes D	59907
Buzacott J H	1516
	11753
	20752
	34223
	90465
	90466
	90467
Buzanov I F	82103
Buzi C C	48739
	66489
	79782
	82178
	90578
Buzi V C	47697
	48402
Buzi V P C	82955
Buzicky A	60554
Buzin N	65448
Buzinova A I	30644
Buzna D	5299
Buzulukov P	25422
Buzunov I	91387
Buzzard C N	6705
	33800
	52221
	52349
Buzzati-Traverso A	19596
	34310
Buzzati-Traverso A A	89076
Bychko M F	39322
Bychkov N P	23446
Bychkovskaĭa A L	87184
Bydin F I	21926
Byerly T C	15712
	18495
	42519
	62771
Byerrum R U	29227
	48149
	64876
Byers D H	59327
Byers G B	27181
	27363
	27364
	55093
	63155
Byers J H	23087
	23283
	76264
	84046
	92593
Bykhanov V D	79651
Bykov B A	20122
Bykov V K	25310
Bykovskiĭ V IA	21661
Bylda A Z	64719
Byles L A	44656
	44657
Byles R S	11446
	30194
Byman R	78475
Bynum E K	5949
	25044
	61166
	93366
	93423
	94101
	94112
Byram G M	3505
Byrd H F	77363
Byrd J H	39513
Byrd N P	79534
Byrde R J W	11754
	47903
	56485
	72645
Byrne C H	44528
Byrne J L	60455
	77120
	77121
Byrne K V	23908
	24151
Byrne R J	17904
Byrnes D	76864
Byrnes F	71809
Byrnes W R	13747
	89761
Byrum R L	49106
Bystrikov F V	39447
Bystrozorov A S	56098
Bywater H E	75969
Bywater T L	81948
Bywaters J H	9514
	15785
	33361
	44017
	44247
	60196
	78383
Caballero C	71385
Caballero F	84856
	89419
Caballero J B	91003

	Item
Caballero V C	52619
	52620
Caballero Calderón E	19210
	25619
Caballero Vasquez C	11755
Cabanas L	51501
Cabane E	34443
Cabantac D M	59757
Cabasso V J	51373
Cabasson	29539
Cabell C A	84660
Cabezas J	33969
	33970
	85482
Cabido J de M	1156
Cable C C Jr	62973
Cabral A	8962
	28847
	53000
	54434
	55175
	59285
Cabral F B	18236
	18237
Cabral R V de G	81086
Cabrales Pacheco B	30414
Cabrera A L	89288
Cabrera J I	93200
Cabrera J L	4505
Caby J	13826
Cacciato A	19737
	47698
Cáceres M R	11447
Cáceres Díaz F	3023
Cachon J	85315
Cackley C T	53921
Cada E	12595
	12596
Caddow H A	17728
	54409
Cadier R	74575
	74576
Cadillat R M	36241
Cadiot J	10016
	54435
	62670
Cadman C H	546
	20966
	28988
	56592
	72832
	72833
Cadogan J P	89486
Cadrecha Alvarez J	64109
Cady J G	58097
Cadzow R A	84047
Caesar A D	28278
Caestecker K de	2786
	91154
Caffrey D J	93367
Cagigal J M	66830
Cagle A J	55503
Cagle A W	9499
Caglioti V	10017
Cagniant P	39062
Cagnoni D	8827
Calati G	78691
Cailee A	45151
Caillas A	52203
Caille A	8432
	70368
Caillère S	21517
	21587
	30824
	66169
Cailloux M	47904
Cain J C	39862
Cain L G	11362
Cain R F	36229
	64292
	95110
Cain S A	10570
	11362
	72918
	72925
Cain W M	7708
Caine M S	22201
Cairaschi A	16534
	21237
	47369
	64319
	74142
	81326
Caire J	15507
	45607
Caires P F de	43576
Cairney I M	24152
	85102
Cairns J M	33259
Cairns L E	63592
Cairy C F	76346
Caisse Nationale de Crédit Agricole	27265
Caja de Crédito Agrario Industrial y Minero	46089
Cajal A	5102
Cąkała S	23294
	23615
Calabresi G A	73395
	90226
Calabrini L A	76614
Calabuig y Calabuig J	95020
Calaby J H	80734
Calan L de	8963
Calan P de	26332
Calandron A	18312
Calás F	15965
Calavan E C	294
	11632
	12275
	20878
	28725
	38657
	39769
	47477
	64411
Calavo Growers of California	29967
Calbert H E	62099
	62152
Calcagno J E	82664
Calcedo Ordonez V	59930
Calcutta Baled Jute Shippers Association	18071
Calcutta Jute Dealers Association	26333
Calcutta Tea Traders Association	44651
	53619
Caldart F	75137
	82311
Caldas A D	87024
Caldecott R S	20276
	47905
Caldemaisous T	18758
Calder A	45690
	62841
	80253
Calder J A	38423
Calder J W	1085
	1322
	10018
	57198
Calder R	71801
Calderon R	43151
	61030
	86022
	94153
Caldwell A C	30756
	58238
	66108
Caldwell C	55504
	63609
Caldwell C G	44561
Caldwell D W	76265
Caldwell H B	44340
Caldwell J	7198
	56593
	83170
	83733
	86222
Caldwell J C	83312
Caldwell J S	43635
	61037
Caldwell R E	58176
Caldwell R M	12328
Caldwell R W	41695
	42575
Caldwell S	13176
	30195
Caldwell S A G	8433
	79247
Cale G H	11237
	16332
	24490
	60679
	68538
	68544
Cale G H Jr	52222
Calef W	48403
Caleffa G	69731
Calesnick E J	85483
Calet C	16678
Caletti A	62186
Calhau F C	18374
Calheiros e Meneses J L	92132
Calhoun J L	7401
	69258
Calhoun S L	34291
	52055
	77680
	77681
	78106
	78147
	78148
	85365
Calhoun W	86851
	94718
Calica C A	81323
California Almond Growers Exchange	26503
California Avocado Society	90579
California Board of Examiners in Veterinary Medicine	67342
California Bur of Markets	8689
	26504
	37017
	45330
	62510
	62511
	79635
	87388
	95052
	95098
	95100
California Canning Fall and Winter Pear Advisory Board	26535
California Canning Peach Association	36177
	45331
California Crop and Livestock Reporting Serv	26256
	95370
California Crop Improvement Association	63074
California Date Advisory Board	8690
California Dept of Agriculture	2382
	20788
	72153
	91519
	95149
Bur of Chemistry	28257
Bur of Fruit and Vegetable Standardization	45379
Div of Animal Industry	41786
Pathological Laboratories	60124
California Dept of Employment	71318
California Dept of Natural Resources	74834
Div of Forestry	3506
	14353
Div of Mines	3139
California Employment Stabilization Commission	71318
California Fruit Growers Exchange	54254
	62512
California Green Corn Advisory Board	26625
California Grocers Association	17548
California Hay Grain & Feed Dealers Association	70703
California Legislature	
Joint Committee on Agriculture and Livestock Problems	77825
Joint Committee on Soil Conservation	31190
Senate	32307
Interim Committee on Livestock Diseases	75840
Senate Interim Committee on Public Lands	10258
California Lima Bean Growers Association	26505
California Mosquito Control Association	34398
California Poultry Improvement Commission	24002
	24003
	42741
California State Agricultural Society	67437
California State Fair	70778
California State Grange	28053
California University	
Bur of Business and Economic Research	35273
College of Agriculture	27236
	47113
Dept of Veterinary Science	60125
Div of Viticulture	57586
California Walnut Growers Association	87389
Calimeri M	11028
	11109
	96115
	96116
Caliver A	37783
Calkin J B	75584
Calkins R D	37048
Call A Jr	63694
Call A H	58373
Call F	68396
Callaghan A R	18984
	27770
	46231
	46511
	71671
Callaghan J	50368
Callahan E P	37166
	46155
	46164
	55073
	88254
Callahan F	53065
Callahan H P	5422
Callan E M	43905
	85715
Callan Cooperative Agricultural and Dairy Society	35713
Calland J W	26926
	45761
	48576
Callantine E J	1323
	1324
	20647
	29683
	39448
	48404
	48405
	57199
	65078
	81949
	81950
	90318
Callao V	26334
	54078
Callbeck L C	47478
Calle E R	8434
Calle V H	17668
Callebat G	27895
Callen E O	72367
Callenbach E W	5297
	23812
	33370
	42665
Callenbach J A	34502
Callesen P	6104
Calliham M R	84271

	Item
Callister G J	56081
Callmar G	57525
Callow E H	62860
	79720
	79721
	94198
Callow H J	45152
Callow R K	26335
Calloway D	86527
Calloway R C	50700
Callsen	1086
Callward F M	50310
Calma V C	2166
	2715
	20529
	20753
	81830
	82095
Calmady-Hamlyn S	32995
Calmans J	87185
Caltagirone Z L	52700
Calton L	60067
Caluya F L	57789
Calver F K	39023
Calver H N	72084
	88997
Calvert A	898
Calvert G T	26506
Calvert W A	44231
Calvet C	38561
Calvez J	39031
Calvin M	1073
	20277
	64710
Calvin-Caldwell	63695
Calvino E M	21045
	21046
	64615
	65535
Calvo B	52056
Calvo C A	5612
	15966
	51776
	85044
Calvo de la Torre J	19597
	63933
Calvo Down C A	93126
Calvo Fonseca R	17534
Calzada B J	49585
	66300
	81831
Calzecchi-Onesti A	14280
	18188
	18189
	25582
	37272
	40862
	49525
	55748
	58197
	71386
	72185
	74512
	80135
	82312
	87834
Calzone F	8436
Calzoni A	8435
Cama K H	63674
Camacho E	11663
Camacho Corrales C A	93942
Camaiti A	91637
Câmara A	47859
	71939
Câmara A de S	71387
Camara E de S da	28671
	72471
Camara M de S da	28292
Câmara N J G da	4005
	59630
Câmara N V da	10858
	13859
	36626
	53901
	61739
	71563
	78749
Câmara de Agricultura II Zona Litoral Ecuatoriano	37279
Camarão M C	90189
Camargo A P de	65829
Camargo F	92263
Camargo F C de	82956
Camargo G E de	68916
Camargo H F de A	24679
Camargo M X de	23673
	84606
Camargo N F	4006
	59286
Cambell O	67785
Cambridge Co-operative Dairy Co	35252
Cambridge University Dept of Agriculture Farm Economics Br	10259
School of Agriculture	62310
Camburn O M	35063
Camerlinck R	43025
Cameron A E	8782
	16018
	21841
	21842
	41787
	58239
	95144
Cameron C	29854
Cameron C D T	15789
Cameron C R	23824
Cameron D F	1561
	1908
Cameron D G	73358
Cameron D R	64660
Cameron E	14972
	18827
Cameron E B G	95489
Cameron E J	7641
	35287
	44490
	69681
	69682
Cameron H S	41788
	51954
	59287
Cameron J	78745
	79505
Cameron J W	13005
	20160
	89940
	90110
Cameron M	43424
	52412
Cameron M D	79636
Cameron S H	47906
	48117
Cameron T W M	22910
Cameron W C	44743
Cameron W R	43962
Cametti A	92594
Camfferman J	47638
	47980
Camici D	50819
Camici L	73153
Camien M N	68696
Cammardelli E	17229
	25123
	69316
Cammerer J S	75538
Camp A A	93235
Camp A F	2719
	90588
Camp B	19083
	37784
	63778
Camp W B	80136
Camp W H	28848
	64174
	90699
Campacci C A	19979
	56486
Campagna E	91004
Campagnoli M A G	19517
Campain A L	62352
Campall E F	95702
Campana Z J P	2421
Campau E J	52513
Campbell A	7618
Campbell A J	35941
	88612
Campbell A M	33260
	79722
Campbell A M G	93516
Campbell B	13177
	17187
	33525
	72186
Campbell B F	78533
Campbell C D	88624
Campbell C J	31328
Campbell C L Jr	4007
Campbell D A	21662
	31191
	83050
Campbell D E	78441
Campbell D M	87962
	87919
Campbell E B	44847
Campbell F R	45153
Campbell Sir G I	50288
Campbell G S	22549
	91994
Campbell H	25318
	44491
Campbell H E	58573
Campbell I J	1280
	17217
	25030
	25188
	52757
Campbell I L	94062
	15140
	67728
	76020
Campbell J	26336
	54079
Campbell J A	13452
	19211
	21843
Campbell J A	40781
	57809
	85552
Campbell J B	47907
	49491
	81951
Campbell J C	46464
	49136
Campbell J G	76789
Campbell J M	73341
Campbell J T	95225
Campbell K S	45144
	45145
Campbell L E	7151
Campbell L L Jr	25607
Campbell M C	63236
Campbell M E	10860
Campbell M F	10571
Campbell N	48926
Campbell O	67849
Campbell R	11029
	46986
	69657
	72085
Campbell R A	14534
Campbell R B	31684
	40395
Campbell R C	76009
Campbell R E	6433
	52057
	64017
Campbell R G	23751
Campbell R H	26986
	45833
Campbell R L	41696
Campbell R S	3530
	14684
	50389
	86117
Campbell R W H	24888
Campbell T N	2422
Campbell T W	36689
Campbell W A	11657
	72646
Campbell W B	92092
Campbell W G	32152
	59086
	83661
Campbell W H M'K	59562
Campbell W K H	37922
Campbell W T	87186
Campbell W W	10632
Campen A van	22628
Campen P C M van	27266
	37095
	46090
	88853
	88854
	95607
Campen W A C	94893
Camper H M Jr	13617
Campilli P	80137
Campion C	26076
Campion R L	83936
Campo E del	43906
	95787
Campo S del	54436
Campo-Duplan M van	81403
Campos A B	37785
Campos A C	76685
Campos J	95109
Campos J de S	56228
Campos Nordman R	27446
	78956
Campos R F	68539
	85484
Campos T A	11756
	56482
Campoy J	74713
Campredon J	3660
	14846
	22600
	31920
	32004
	59133
Camus A	17868
	35803
	38424
	47225
	56198
	56199
	64175
	64176
	89289
Can Manufacturers Institute	17637
Canada J W	35714
Canada R W	37786
Canada Agricultural Prices Support Board	7572
Canada Board of Grain Commissioners	55822
	55921
	95160
Statistics Br	18375
Canada Bur of Statistics	18985
	35870
	53527
	55821
	62974
	63188
	63832
	69083
	69683
	86132
	86682
Agriculture Div	18375
Livestock Sect	54681
Census Div	59897
Industry and Merchandising Div	59898
Labour and Prices Div	53293
Canada Central Experimental Farm Poultry Div	31329
Canada Dept of Agriculture	32070
	78797
	60197
	11154
	11592
	31748
	33553
	43157
	61029
	68231
	91388
Production Serv	15508
	32496
	59748
Livestock and Poultry Div	68099
Plant Products Div	2334
Science Serv	56099
Div of Bacteriology and Dairy Research	34816
	79362

	Item
Canada Dept of Agriculture	
Div of Botany and Plant Pathology	72536
Div of Entomology	16492
	24717
	34535
	34659
	68397
	77195
	77196
Div of Forest Biology	34565
	77194
Veterinary Director General	22911
Canada Dept of Finance	9796
	37096
Canada Dept of Insurance	55052
Canada Dept of Labour Economics and Research Br	31855
	88273
Canada Dept of National Health and Welfare	25660
Canada Dept of Resources and Development	71533
	74973
Forest Products Resources Div	91597
Forestry Br	14814
	14973
	91652
Canada Dept of Trade and Commerce	28119
	87545
Canada Dominion Arboretum and Botanic Garden	57650
Central Experimental Farm Ottawa Animal Husbandry Div	67438
Canada Experimental Farms Serv	21588
	55357
Dominion Experimental Substation	98238
Canada Farm Loan Board	18874
Canada Fisheries Research Board	32966
Canada Forest Serv	31991
Forest Products Laboratories	
Canada Grain Research Laboratory	8964
	36331
	36332
	36333
	62671
	73396
Canada Laws Statutes	33838
Canada Marketing Serv	94584
Consumer Sect	62187
Economics Div	9563
	10260
	10861
	27900
	37467
	61740
	80015
Market Information Serv	36250
	54682
Canada National Museum	19799
Canada Wheat Board	45497
Canadian Aberdeen Angus Association	23088
Canadian Agricultural Economics Society	37041
Canadian Beekeepers Council	24491
Canadian Dairy and Ice Cream Journal	17819
Canadian Federation of Agriculture	71388
Canadian Feed Manufacturers Association	54033
Canadian Food Industries	17549
Canadian Gladiolus Society	48927
Canadian Guernsey Breeders' Association	51296
Canadian Hereford Association	23089
Canadian Institute of Forestry Maritime Sect	83194
Canadian Milling and Feed	36334
	36335
Canadian National Live Stock Records Record Committee	41655
	67872
Canada National Weed Committee Eastern Sect	91005
Canadian Phytopathological Society	56372
Canadian Pulp and Paper Association	41515
Materials Handling Committee	22643
Technical Sect Testing Committee	3690
Woodlands Sect	59055
Canadian Seed Growers' Association	48204
	57004
Canadian Sheep Breeders' Association	60308
Canadian Shorthorn Association	59449
Canadian Society of Animal Production	75970
Canadian Swine Breeders' Association	60395
Canadian Textile Seminar Queen's University	70369
Canadian Veterinary Medical Association	41789
Canadian Woodworker	14771
Canalini G	2900
	49862
	82957
Cañamas R	506
Cañas D T	15039
Cañas M	13077
Cañaveras V F	40324
Canavesi A J	32308
Cancellara E	14053
	21844
	31077
	66490
Cancino J M	74953
Cancio Morenza G	31685
	50242
Cande D H	50978
Candela A	21663
Candiani G R	86713
Candida F	19269
	22368
	26449
	29968
	34683
	51910
	63833
	71389
	79783
	80428
	87373
	89041
	89049
	95021
Candié D von	8478
Candinas L	77104
Candioli P	18190
	18253
	26507
	35410
	45332
	54255
	80138
	95703
Candler H L	34915
Candlin F T	92735
Candura G	34838
	53020
Candy R H	3429
Canel M	12727
	13911
Caneparo R	86377
Canese A	4680
Canevaro M	87546
Canfield T H	33261
	69152
Cangas-Onis	24282
Cangiulli A	8204
	55505
	57200
	76428
	86834
	94709
Canham A E	74904
Canhão N	9183
Cañigueral Cid J	72368
Canitrot A	40491
Cañizo J del	5657
	43373
	61289
Canizo Gomez J del	43158
Cann D B	
Cann H J	56594
Cannamela D A	4014
Cannas E	6105
	16333
Canned Foods Association of Ontario	35365
Canners League of California Statistical Dept	36305
Canning D	84435
Canning Trade	86641
Cannon B M	7593
	12846
	69253
	79774
Cannon D J	42393
Cannon E A	76162
Cannon F D	43594
Cannon G	25499
	41790
	60380
	69413
	93221
	93222
Cannon H B	12902
Cannon J A	54437
Cannon M C	12503
	12561
	12562
Cannon O S	547
	11905
Cannon R C	2671
	2720
	30912
	40752
	40753
	72959
Cannon R Y	87053
	87054
	94833
Cano A E	5726
	92190
Cano E	77045
Cano F	52058
Cano Iglesias A	17449
Cano Marotta C R	53760
Canonge H	27447
	55176
	88319
Canonne F	26654
Canonville R	10633
Canova A	56472
	56487
	89647
Canoyer H G	35253
Canright J E	81410
Cansado E	26927
Canseco B O D	12695
Canstein Freiherr von	61915
	95022
Cantalamessa A	10634
Cantave L	86286
Cantave R	58592
Canter D	75841
	83830
Canterbury Agricultural College	10635
Veterinary Dept	92264
Canterbury Chamber of Commerce	1085
	1313
	1369
	2970
	2971
	3869
	3890
	4480
	5639
	5698
	7199
	7200
	7201
	16547
Canterbury Chamber of Commerce	45181
	65105
	71751
Canters	10019
Canticao A do L	66690
Cantino E C	20278
Cantor S M	45978
Cantrell O	52059
Caparoon C D	8165
Capek D	86339
Capel G L	8799
	18254
	18255
	26508
	87452
Capinpin J M	732
	736
	57057
	81411
	81544
	89107
Capistrano S	17218
Capitan F	87984
Capite L de	20880
	73115
Caplin S M	29403
	56780
Capo B G	58344
	81675
Capoccia L	47039
	50594
Caporale G	4561
	4862
	15141
	43058
Caporali G	10862
	38274
Caporaso A P	41093
Caporiacco L di	6348
	6349
	6350
	34166
	68596
Capozzi A	815
	12257
	56781
	81532
Cappelen H	71262
Cappelletti S	29963
Cappon A	5103
Capponi A	77364
Capps H W	68917
Capra F	77682
	86025
Capriles Rada D	25520
Capris N	44682
Caproy M	21047
Capt E	17722
	35454
	35455
	35456
	69763
Capucci C	20789
	30060
	39713
	48695
	82243
	82244
Capuler B	2167
	13453
	21238
	65249
	65830
	81789
	91389

	Item
Capurro E	90319
Capurro M	18496
	26779
	42977
	62772
	93183
Capus J P	66491
	70559
	79389
Caputa J	6424
	29684
	39323
	39449
	48457
Caputo J	77135
Caquelin Y	33371
Car M	92797
Caracas Instituto Agrario Nacional	74143
Caracciolo C	54918
	57399
	79981
Carapelle E	9723
Carayon J	6639
	43116
	43636
	52621
	61038
	93309
Carballido A	25605
Carballo Caabeiro J	3865
	15068
Carballo Pou M	4008
	59288
	59830
Carbery J L	57651
	73941
	90742
Carbon L de	18986
Carbona F	20530
Carbone E	8205
	86905
	87049
Carbonell C S	16909
	17116
Carbonell F	87823
Carbonero Bravo D	45608
Carbonetti F	19471
Carbonnier C	41194
	58763
Carbouères M	10432
Card C G	42840
Card D G	27181
	63155
	78750
Card L E	5223
	76729
Card W T	93127
Cardassis J	59931
Cardelle G	72266
Cardenal A	78957
Cardenas J de	43942
Cárdenas M	84
	111
	112
	11757
	80949
Cardeñosa-Barriga R	11633
	56373
Carder A C	49242
Carderera E	83662
Cardew J	70370
	81790
Cardiff I D	79335
Cardinell H A	36097
Cardini C E	29453
Cardis R	15406
Cardon B P	4676
	51091
Cardon P V	19738
	28360
	56100
	80856
	96239
Cardona C	539
	38788
Cardona V	90950
Cardonne A	26492
Cardonne P	8965
	20967
	39771
	69774
	69775
	82245
	95954
Cardoso A M	74345
Cardoso F A	15198
Cardoso R	80457
Cardoso R A de A	33109
Cardozier V R	71802
Cardwell I	11758
	34311
Cardwell W W Jr	12728
Cardyn J	37787
Care' E	85736
Carena A	6962
	25189
	52933
Carere-Comes O	12276
Caresche L	85833
Caretta A	15266
	22912
	23100
	84048
Carew D	53126
Carew H J	63694
Carew J	56898
	65831
	74242
Carey W C	57916
Carey W M	60006
Carhart A H	3531
	58405
	66251
	84436
Caridad J M	23140
	29229
Caridroit F	68042
Carie P	45696
Carignan M	86465
Carilli A	300
	816
	72647
	89582
Carillon	69222
Carillon R	18412
	69084
Carini S	21495
Cariss H G	73462
Carizza R A	10261
Carl G 4747	
Carl K E	26077
	53857
	79688
Carlander K D	86117
Carlene P W	8437
Carles J	817
	38963
	63564
	64720
	81755
Carleton R M	48656
	56488
	57652
	65536
	66170
	66599
	66600
	74558
	90743
Carleton W M	26483
	36155
	53160
	61452
	69293
	69317
Carli E	52657
Carlier L	30415
	38128
	81211
Carlin G T	79839
Carliner L A	7857
Carliner M A	53891
Carlisle A	34224
	74974
Carlisle B E	4562
	23279
Carlisle R M	44848
Carlo C P	43257
Carlo J A de	34444
	34445
	93943
Carlone R	1633
	20916
	30017
	54185
	57445
	73806
	81412
	82144
	82206
Carloni L	74462
Carlos	51857
Carlos J	94929
Carlquist H	24305
	68339
Carlsberg Laboratoriet	23187
	71018
	87922
Carlsen E W	8691
	18256
	45395
	87453
	94268
Carlsen H	27365
	48205
	57005
Carlson A	28101
Carlson A E	3474
	30508
Carlson A J	46952
Carlson A M	80790
Carlson C H	62453
Carlson C M	70047
Carlson C W	23808
	23809
	51571
Carlson E	73942
Carlson E C	17027
	34225
Carlson F E	21961
Carlson G	8828
Carlson H	1087
	1325
	1326
	2335
	2336
	9624
	37273
	66109
Carlson J G	6841
	6848
Carlson J L	9256
	53528
Carlson J W	90397
Carlson L E	9600
Carlson M C	1909
Carlson N K	3024
	20648
	29685
	40863
	81952
	91413
Carlson O	88274
Carlson R	19084
Carlson R E	54314
Carlson R F	21344
	21345
Carlson T E	10467
Carlson W E	59831
Carlson W I	54349
	62555
Carlson W S	22480
Carlsson C E	5637
	43026
Carlsson D	4777
Carlsson G	1088
	1327
	2853
	43288
	43289
Carlton C C	15407
Carlton R A	66301
Carlyle R E	1494
	64320
Carmack W C	39958
Carman G E	5915
	6035
	16263
	16824
	16825
	24369
	28724
	29205
	43651
	90079
Carman G M	33711
	83831
Carman R S	83404
Carmelich J N F	83370
Carmelo M	11759
Carmen R S	75306
Carmical J H	79248
Carmichael A J	3430
Carmichael B	46772
Carmichael J	42648
	75842
	83832
	83833
Carmichael L T	94636
Carmichael W	82601
Carmin J	77934
	81374
Carmody J J	29844
	95955
Carmona R	27182
	27267
Carnahan A	32497
Carnahan D	32497
Carnahan E	13667
Carnahan H L	48406
	65079
Carncross J W	88320
Carne C J	70824
Carne H R	15142
Carne P B	43425
	60811
Carneiro A E	32131
	67194
	83649
	92133
Carneiro A da S	92595
Carneiro H	63362
Carneiro H de O	32996
Carneiro Filho J J	86835
	94831
Carnelutti F	9860
Carnes N	9322
Carnes N K	63204
Carnevale J A	41210
	50233
Carney A	90138
Carney J P	41791
Caro G A	5704
Caro S di	81212
	81281
Carocci-Buzi C	89941
	89942
Carocci Buzi V	2721
	32225
	83690
Carolan R J	9653
	54880
Caroline M	295
Carolis V de	17820
	32226
	32701
	46370
	53165
	54034
	55358
	73397
	80139
	81953
	84263
Carolus R L	45412
Caron G	92410
Caron J L	92949
Carosso V P	44660
Carpenter A	2423
Carpenter A N	42390
Carpenter A W	26271
	70914
Carpenter C	54765
Carpenter C D	54766
Carpenter C F	86449
Carpenter C P	6036
	11760
	38658
Carpenter D J	50979
Carpenter F M	52024
	93310
Carpenter F R	27366
Carpenter G D H	43765
	85941
Carpenter J A	74470

	Item
Carpenter K J	3866
	5224
	28229
	60068
	67996
	75747
Carpenter K S	46474
	88567
	88568
	95371
Carpenter L	33712
	68303
Carpenter L E	5754
	16060
	33667
	51374
	51975
	60454
Carpenter M	76429
Carpenter M C	15304
Carpenter R D	41364
Carpenter R W	90227
Carpenter S J	43500
	68790
	68791
	68792
Carpentier F	17117
Carpentier L J	5949
Carpentier S	56782
Carpio Burga R del	57824
Carr A K	43059
	83961
Carr C M	6106
Carr D J	56783
Carr D W	35942
	87187
Carr E G	6107
Carr F F	74835
Carr F M B	61167
Carr G	41331
Carr J G	42520
Carr J M	20777
Carr Mrs S	71803
Carr V C	691
Carra A	9296
Carra P	12729
	12961
	28517
	30645
	90744
Carrante V	13000
	13912
	30913
	38892
	56489
	62895
Carranza F	78698
	86542
Carranza M T de	71117
Carrasco E B	64871
Carrasco E O	38129
	55878
Carrasco F	87468
Carratore A del	74462
Carreker J R	66492
	66664
Carrel J	8692
Carrelia R	37732
	46232
Carreon P R	29646
Carrera C J H	47479
Carrera C J M	11761
	38659
Carrera C M	64321
Carrera M	24792
	93833
Carreras Ledón A	73116
Carrère	55906
Carrère L	22913
	93158
	93944
Carreri L A	8438
	18072
Carrero H M	55637
Carricaburu J B	59932
Carrick	54613
Carrick C M	5225
	23815
	23823
	23856
	23887
	33189
	60076
	60108
	76730
Carrick W W	60069
Carrié	80023
Carrier J F	63696
Carrier L E	818
	47370
Carrière	76548
Carrigan R A	30757
	66171
Carrillo Chaves J	51610
Carrington J C	83148
Carrion P	8829
	13078
	35457
	61916
	90675
Carrion Morales V	35458
	53620
Carrión Morales Y	69776
Carrique M	13849
Carroll A G	12277
Carroll D	21589
	91184
Carroll F D	15408
	15426
	76044
Carroll G H	37788
Carroll J	81353
Carroll J A	63485
Carroll J D	76635
Carroll J R	44022
Carroll J S	88739
Carroll R B	13540
	56784
Carroll T F	37796
Carroll W R	18987
Carron F	58709
	60812
Carrothers E N	72369
	89256
Carruth L A	34167
Carruthers A	9654
Carruthers T F S	14871
Carse G M D	5801
	24319
	54642
Carsey E A	3766
Carson A D	66223
Carson A H C	22481
Carson B L	23674
	42493
	59978
	92870
Carson F	7092
	8206
Carson G	85778
Carson H C	43256
Carson H L	93834
Carson J D	15737
	15739
	33150
Carson J R	60136
Carson S F	1035
Carsten C S N	10468
Carstens M W	49243
	49244
	49245
	49770
Carstensen H	66601
Carstensen H C	76525
Carstensen V	27908
Carta A	15143
Cartanya Aleu P	15270
	42576
	51675
	84805
	84806
	93047
	93048
	93049
Cartaya C C	14054
Carten J L Jr	35783
Carter A S	36859
	36860
Carter B	48740
Carter Mrs B E	13178
Carter C L	54695
	54696
Carter C R	75713
Carter C T	87547
Carter C W	70410
	79284
Carter D	53228
	54066
	80458
Carter D C	19281
Carter D G	17476
	25521
	61640
	87835
	94420
Carter E G	70371
Carter E P	13541
	13542
	17390
Carter G J	15479
Carter G L Jr	81954
Carter G R	15113
	42380
	59289
Carter G S	38156
Carter H	8988
	27448
Carter H H	57913
	93045
Carter H S	51374
Carter J C	28849
	28850
	82313
	87747
	90745
Carter J E	82314
Carter J F	47480
Carter J N	73322
Carter K W	18931
	37468
Carter M	19676
	47073
Carter M O Co	37155
Carter R H	1021
	53865
	93517
	93540
Carter R J	62930
Carter R M	17960
	26143
	27367
	35804
	37469
	53102
	62188
Carter T J	62818
	70817
Carter W	55272
	68725
	93835
Carter W A C	43766
Cartet E G	8439
Cartier R D	57917
Cartin Montero R A	7597
Cartledge J L	12597
	12598
Cartmill W J	1498
	2168
Carton H	21237
	74142
Carton P	55495
Cartter J L	45788
Cartwright K S	19980
Cartwright L C	53409
	86609
	94637
Cartwright O L	43426
	52413
Cartwright W B	34335
Caruel M	16066
	68918
Carullo F	30852
	66756
	90320
Carusi A	5715
Caruso S A	87469
Carvajal S	72223
Carvajalino Jacome L J	1157
	1328
	29686
Carvalho A	20217
	56224
	56679
	56724
Carvalho A L de	24370
Carvalho D de	94475
Carvalho E de	71319
	80087
Carvalho E L de	34226
	77683
Carvalho H de	71763
Carvalho J C	599
	56630
Carvalho J C M	6643
	16110
	16112
	43638
	52622
	68807
Carvalho J C M	68808
	77935
	85834
Carvalho J de P	11318
Carvalho T de	526
	8804
	29851
	63595
Carvalho e Sousa M C	20615
Carvalho e Vasconcellos J de	19739
Carvalho Filho A de	92736
Carver C A	62093
Carver J E	60505
Carver J S	23810
	23811
	33213
	42577
	42683
	60061
	84807
	94282
Cary C A	83837
Cary M M	6763
	16094
Casa-Pacheco Marques de	8440
	9020
	26780
	26926
	33190
	33971
	35322
	39024
	40782
	53504
	55506
	63205
	67997
	68100
	79784
	88321
	95956
	96040
Casado R	44535
Casado de la Fuente C	10430
	58499
Casady A J	56725
Casady R B	76021
Casalini M	9021
	19406
Casalis J	8207
	17934
	70198
	79122
	87056
Casanova J A de	86133
Casanovas M	42880
Casaos Aznar D	8664
Casares R	26655
	27214
Casares Lopez R	80581
	87354
	89056
Casaretto A F	33761
Casarosa L	33713
	84264
	84744
Casarosa M	18551
Casarrubia A	20531
	65080
Casas C	72445
Casas M	4563

	Item
Casas R	54697
Casas-Campillo C	11762
Casaus y Ardura L	45762
Cascio P	21048
Cascio S O	37647
	37648
Cascon J	31054
Case A A	5658
Case H C M	27449
	27797
	55466
	55507
	55508
	55509
	55510
	71390
	88680
Case J F	56048
Case S G	96117
Case W H	54307
	62556
	70591
Casebeer A J	77011
Casement D	32822
Casey J	11363
	13668
	47150
	61168
Casey J P	41516
	83607
Casey R S	8476
Cash J G	79197
Cash L C	64509
Cashin M W	46982
Cashion J B	33972
Cashmore A B	86642
Cashmore W H	25190
	86134
Casida J E	12244
	12364
	73117
	85443
	93509
Casida L E	4279
	4280
	4281
	5130
	5570
	9505
	15949
	16049
	16110
	41992
	42127
	59672
	85023
Casini P	49863
	58406
	66302
Caskey W L	52449
Cason J F	40046
	65537
Casoni R	24153
Caspare H E	13849
	91262
Caspari E	52751
Caspari F	49586
Caspers	80551
Caspers H	71940
Caspersen P	24268
Caspersz D	32887
Caspersz D S	92720
Cass L M	68742
Cassady J T	3530
	14594
	68499
	75265
Cassamagnaghi A	92265
Cassamagnaghi A (Hijo)	4009
	24680
	92266
Cassani A	6108
Cassebeer F W	57653
	57654
	65538
Cassel W A	29079
Casselberry N H	85236
Cassell L W	68101
Casselman P H	55094
	63779
Cassels O	4275
Casseres E H	56785
Casserly F L	54035
Cassetty C E	63268
Cassidy H P	47908
Cassidy J	33921
Cassidy J E	60007
Cassidy N G	91286
	91287
	91508
	91531
Cassie A B D	8598
Cassin J	47481
Cassina E D	49137
Casso H J	10379
	54614
Cassou M R	23090
Cassou R	76061
	84086
Castagne A E	79539
Castagnino O H	80951
Castagnol E M	82714
Castagnoli B	68328
	68329
Castagnou M J E	83234
Castaing J	4936
	76574
Castano F F	23812
Castaño J J	38660
Castaño A J J	11763
	11764
	28852
	81213
Castano Pedrero I	10022
Castany G	31088
Castberg C	36260
Castberg K S	29881
Castejón R	87920
Castejón y Martinez de Arizala R	67439
Castel-Branco A	37014
	37019
Castelfranco J	86714
Castel R C	54698
Castell C P	207
	38847
Castell R C	45763
Castella Bertran E	32309
	59290
	67814
Castellan S	63363
Castellani E	19902
	38799
	72472
	89579
	89580
Castellano P	17592
	95661
Castellano P P	25634
Castellanos A	80950
	80951
Castelli T	69777
	69778
	86715
Castellini A	44661
	48831
Castello Q J	23813
	60008
Castellucci I	5665
Castelo C L	82095
Castelo M	4010
	23616
	59291
Casten R	58985
Castenmiller G M	22023
Caster A	82810
	40630
Castiglioni J A	41276
Castillo B S	11634
	11775
	38792
Castillo H	79043
Castillo N	69385
Castillo C C H	43490
	60893
	68718
Castillo G N	22054
	39410
	57153
Castillo Mujica A	79925
Castillo Royo J del	3867
	57058
Castillon L E	9468
Castle B F	79065
	86950
Castle C	84492
Castle E	80372
Castle M E	32607
	48262
	48407
	75748
Castle and Cooke ltd	36908
Castle Russell S G	68365
	68919
Castleman M	68920
	9339
Castor J G B	53621
Castorina S	9399
	29970
	82179
Castro C	3431
Castro D	29328
Castro D de	29080
Castro D L	2718
Castro E R	24681
Castro G de O	2424
Castro J	51354
Castro J de	53386
Castro J B de	58233
Castro J O de	37018
	37019
Castro M P	6613
Castro M P de	60756
Castro W	27934
	37789
Castro Lobos E	17729
Castro Nunez J A de	72032
Castro Ramirez R de	85237
Castro Romero A	87188
	94931
Castro Zapien R	20532
Castronovo A	2169
	13669
	21239
Casu G G	10023
Caswell Mrs D B	13179
Cat Fanciers' Association	15556
Catala C	94710
Catalano E	2597
Catalano G	11
	72960
	74346
Catalina L	37470
	46773
	55359
	56786
	58374
	72537
	92525
Catani R A	83142
Catarzi S	66493
Catcheside D G	20236
	29144
	47816
Catchpole W M	53047
Catcott E J	76524
	92737
Catel W	74909
Catelani R	677
Cater D B	33262
Cathcart W H	8851
Cathey C O	6963
Catin R	35943
Cation D	56319
Catlett M S	26337
Catlow E	13904
Cator H J	3819
Catron D	24240
	32227
	41697
	43027
	51911
	51912
	51913
	68304
	92191
	93223
Catron D V	51941
	60412
	60413
	60414
	60433
	85192
Cattaneo C L	56642
Cattaneo P	26929
	54699
	55611
	87836
	95330
Cattermull C C	88740
Cattoir L	87390
Catton D S	18616
Catton W T	94154
Cattorini P E	2425
	11585
	30646
	72370
Cattrick A	90545
Catzeflis J	52169
Cau A	94215
Cauchy L	23280
Cauderon A	48408
	64965
	65081
	72962
Caujolle F	12278
Caulfield W J	8208
	53858
	94881
Caulk J R Jr	86643
	94590
Cauquelin Y	5423
	51730
Causer L W	14884
Causeret J	55895
Causey K	8913
Causey N B	16479
	17145
	77601
	85553
	93699
Causton J W F	36336
Cauthen G E	23284
	84265
	84266
Cauwenbergh L van	87355
Cauwenberghe E van	8783
	48774
	65417
Cavaceppi L	6351
	15810
Cavaco A	113
	47226
Cavaillé A	30758
Cavaceppi L	68044
Cavalcanti A B	87189
Cavalcanti M da C P B	9486
Cavales C V	3475
Cavallaro L	95490
Cavallo E	9147
Cavallo G	66863
	73944
Cavanagh D	53810
Cavanagh G C	9400
Cavanillas L	2563
	58402
Cavanillas Rodriguez L	47909
Cavara F	2170
Cavazos L F	51024
Cavazza L	81545
Cave F C	82315
Cave J M	80552
Cave M S	20152
Cave N L	30328
	39959
	57655
Cave R A	67609
Cave W	49587
Cave W E	71320
Cavell A J	48427
Cavell N	63364
Cavendish L	83051
Cavenough E	88602
Cavers J R	5136
	23747
	42521
	60026
	76686
Cavert W L	8966
	19267
	71730
Cavestany	55177
Cavett J W	76815
Cavia C E	82485
	87469
Cavier R	43060
	51955
Cavin J P	94499

	Item
Cavina R	2426
	9745
	13670
	19315
	28054
	37790
	46233
	49586
	51340
	69583
	82958
	86223
	88180
	88211
	94834
	95957
	95958
Caviston R V	21049
Cavitt E L	53811
Cavro E	16986
Cawdor Lord	14405
Cawnpore Ordnance Laboratory	33839
Cawthron Institute of Scientific Research Nelson N Z	30647
Cayouette R	30425
Cayre H	54881
Cayre M	36909
Cazelles E	26338
Cazenove B de	82176
Cazier M A	6425
	16535
	16536
	77684
	77685
Ceaglske N H	35220
Ceballos G	33840
Ceballos H G	65832
Ceballos L	28479
Ceballos Cepeda R D	9401
Ceballos y Fernandez de Cordoba G	52060
Ceccaldi J	75843
Ceccarelli A	22914
Ceccarelli G	54410
Ceccherelli E	7555
	53413
Cecchetti G	91390
Cech D	54652
Ceci-Ginestrelli D	3910
	3911
Cecil F	95491
Cecil L	5424
	15873
	23814
	42578
	60198
	60199
	84939
	92983
Cecil S R	7655
	8922
Cederman J A	56802
Cederquist D C	38068
Cedrangolo F	5300
Ceillier J L	36446
	36447
	73398
Cellier K M	30416

	Item
Celino M S	66194
Celorio J	74640
Cember H	43875
Cembrowicz H J	50977
Cenabre A L	83235
Ceniceros E D	83280
Cenni B	81546
Cenóz H P	507
Centola C	70372
Centola G	8441
	8442
	75585
Centonze M	64878
Centraal Instituut voor Landbouwkundig Onderzoek	81955
Centraal Instituut voor Voedingsonderzoek	81782
Central African Off of Statistics	25745
Central Cooperative Anti-Malaria Society	60999
Central Retail Feed Association	18024
Central States Dahlia Society	90709
Central Veterinary Society	59826
Centrale Organisatie voor Toegepast-Natuurwetenschappelijk-Onderzoek Commissie Léverboy	28361 5659
Centre d'Enseignement et de Recherches pour l'Industrie Alimentaire Laboratoire de Laiterie-Matières Grasses	87837
Centre de Recherches Apicoles	33973
Centre National de Coordination des Études et Recherches sur la Nutrition et l'Alimentation Commission des Méthodes Analytiques du Lait	53761
Centre National de Recherches Herbagères et Fourragères	81956
Centrich Sureda J	37020 62842 71016
Centro Agronómico de Cautín	95492
Centro de la Industria Lechera	7858 44744
Centro Nacional de Agronomia	30777 30778 30978 30993 38276 43151 81217 85475

	Item
Centro Nacional de Investigaciones de Café	13674
Cepeda Guerra E	54080 62353
Cépède	63881
Cepede M	83052
Cepero P	36436
Cercler R	10863 10937 19085 44232 63365
Cercos A P	48150
Cerdan D	69085 75372
Cereal Institute	96118
Cerelio R A	57403
Cerletti G B	69779 95704
Cermak F	32005 75524
Cermak S	28672
Cernohorsky T	72473
Cernowsky W	10469
Cernuda C	35900
Cernuda C F	21603 49410
Cerny G	51749
Cerny J	37649
Cerný L	20279
Cerqua M	5300
Cerqueira N L	6599 6600
Cerrina L	16334
Cerro J del	5425
Cerulis A	20917 30018 39912 65418 82207
Ceruso H E	52061
Cerutti G	11110 35675 44963 87042 87051
Cervantes J	11987 12022
Cervantes Ramirez I	14162
Cerveira M	88855
Cervi B	39772 49589 65373 66303 80254 95331
Cervi V	11289 72086 72220
Cervigni T	73287 81778 90115 90180
Cesar C P	19316
Cesar H P	29971 74144
Cesar N da C	8443
Cesard	55178
Cesare S J	64867
Cesari A	26919
Cesari M	88445
Cesari R	53756

	Item
Cesarina P T	66304
Cesaro R	85851
Cesaroni F	60757 61039
Cesca G	27935
Cessford J	33614
Cetti	30417
Cetto A	67226
Freiherr von Cevallos G M A	16537
Ceylon Chamber of Commerce	63834
Ceylon Coconut Research Scheme	1689 21927 26930
Ceylon Dept of Agriculture Horticultural Div	90580
Ceylon Dept of Census and Statistics	7662 69732
Ceylon Director of Irrigation	14055
Ceylon Land Commissioner	95788
Ceylon Registrar of Co-operative Societies	46774
Ceylon Rubber Research Board	13671
Ceylon Tea Controller	7709 94638
Ceylon Tea Propaganda Board	78870
Ceylon Tea Research Institute	2427 91104
Chabaud A	22899
Chabaud A G	24677
Chabert E	7710
Chabert F de	2854 25283 61341
Chabot E D	48928
Chaboussou F	16172 61109 68398 78218
Chabrol P	66919
Chabrolin C	13543 56374
Chabrov I	94832
Chacko V I	94639
Chacravarti A S	95517
Chada H L	77979
Chadburn R W	17447
Chaddock T T	67862
Chadefaud M	64277 81062 89420 89815
Chadha A N	15570
Chadwick D W	71118
Chadwick E R	37751
Chadwick L C	1910 1987 12903 21050 39960 47910 48929 73118
Chadwick S H	25319
Chadwick W E	92721
Chaffard M	28985
Chaffe H R	24492

	Item
Chaffin B F	58500
Chaffin W	1495 2337 40447 57120
Chagnon G	68366
Chaigneau A	28258 80708
Chaiken L E	3413 22314 30509 50289 58787 66932
Chaikina	4625
Chaikoff I L	42358 51387
Chaikovskaia M	93050
Chaikovskii V D	71137 88037
Chailakhian M	47040
Chailakhian M Kh	819 820 12279 48741
Chain Store Age	9263 86588
Chajkowski M	4923
Chakrabarti B K	8444
Chakravarti J K	18665 18730 70991
Chakravarti R N	90145
Chakravarti S C	12280 87871
Chakravarty H L	23081
Chakravarty T	18743
Chakraverti D N	47742
Chakravorty A K	89827
Chalfin Mrs B G	66049
Chalfin E F	82602
Chalfuk E A	23605 23617 23675 84640
Chalk L	3781
Challinor S W	17721 17727
Challot J P	57201
Chalmers C H	62134
Chalmers F W	38117 80649 88998
Chalmers G R	78334
Chalmers-Hunt J M	43767 78086 78087
Chaloner W G	12 72267
Chaloupka M	96138
Chaltin G	2303
Chalumeau P	4689 76078
Chalupnik W	33974
Chalvignac M A	21566 91232
Chambard P	3749 87748 87787
Chamber of Agriculture of Victoria	96166

	Item
Chamber of Commerce of the United States	71391
Committee on Economic Policy	35323
Legislative Dept	66494
Natural Resources Dept	88464
Chamberlain C W	78958
Chamberlain D M	60458
Chamberlain D W	11765 72804
Chamberlain E E	548 20078
Chamberlain N	90146
Chamberlain R W	5032
Chamberlain S A	51525
Chamberlain W F	78518
Chamberland H	59292
Chamberlin F S	52623
Chamberlin J C	60809 93745
Chamberlin N R	33975
Chamberlin R V	6352 16480 16481 43374 52350 52351 60758 60759 85554 93700
Chamberlin T R	93785
Chamberlin V D	23841 42780 60192 60224 76886 76887 84839
Chamberlin W J	33841
Chambers A L	47743
Chambers A V	13180
Chambers A W	45334 62513
Chambers E E	23388 50980 59730
Chambers E L	6752
Chambers G W	59759
Chambers P C	88465
Chambers V H	16274 94017
Chambers W E	2564
Chamblee D S	72895
Chambliss W J Jr	32006
Chambon Y	68183
Chambre d'Agriculture de l'Ile Maurice	27105
Chaminade R	21518 40631 82813
Chamorro E	79123
Chamorro M R	58002 66050
Champagnat P	29230 29231
Champanhet	91906
Champeval	3868 12730 20649 48409 48410 50701 83740
Champeval A	1329
Champion C	7711
Champion E	60625 68488
Champion F W	3392 31808
Champion H G	83357
Champion J	29972 39773
Champion Paper and Fibre Co	92088
Champlain A B	85840
Champlin M J	1089
Champrenault Y	66305
Chan A P	12281 13181 64642
Chan C B	52414
Chan F L	3751
Chanasyk V	13454
Chance A	39450 48411
Chance C M	42061
Chance F S	30914 49590
Chancogne M	17097 33910
Chanda R	4564 11111 23197 23285 23286 23287 24154 28215 60349 62057 76163 76266 78998
Chandler A C	34450
Chandler B A	6109
Chandler B V	26479
Chandler F B	2901 82246
Chandler J	36100
Chandler L	1349 16887
Chandler P A	21664
Chandler R F Jr	21774
Chandler S	34227 34228 60813
Chandler S C	6446 6640 6641 57447 60539 93945
Chandler S E	12120
Chandler W H	20918
Chandler W V	48930 12367
Chandnani J J	12599 39411 64966 65048 73471
Chandra G	18630
Chandraratna M F	20533 20881
Chandrachudan I	861
Chandrasekharan K P	4863
Chandrashaker B	32499
Chaney R W	13
Chang A C	57656
Chang C C	82180 82603
Chang C W	8967 10431 10636 10637 20534 27936 37629 66317 88741
Chang I C L	87749 94517
Chang J M	82688
Chang K H	81169
Chang L T	54882
Chang M C	32747 51023 68175 84267
Chang P I	16264
Chang P K	27109
Chang S C	77936 82814
Chang S L	24889
Chang S Y	18073
Chang T W	23288
Chang Y P	29083
Chanin M	38135
Channabasavanna G P	52475
Channon H J	7423
Chansler W S	13182 43963 65539
Chant B	10638 15255 23091 32823 43003 44248 60483
Chant D A	78255
Chant D B	14751 22443
Chao T T	40989
Chaparro R L	19086
Chapeville F	75938
Chapin B	80459
Chapin F S	10594
Chapin J W	87921
Chapin M	58198
Chapin R B	45834
Chaplin C E	39863
Chaplin J F	64488 72735
Chaplin N R C	45835
Chaplin P	7056 [illegible]
Chapline W R	12731 12798 39451
Chapman A	26339
Chapman A B	16049 16122 41992 42127 51889
Chapman A G	3432
Chapman A M	58614
Chapman C H	55636
Chapman C J	13913 21665 30915 58362 58585 74661 81957
Chapman C W	69490
Chapman D K	69684
Chapman E	11030 34679
Chapman E F	51676 51677 71017
Chapman E J	76197
Chapman F B	22260
Chapman F M	54883 54904
Chapman G W	89943
Chapman H D	585 2672 2722 12282 30916 30917 58240
Chapman H H	3217 14485 58614 58651 58679 75023 75335
Chapman H L Jr	76070
Chapman L	90321
Chapman L C	90228
Chapman L T	15509
Chapman P J	43787 68616 93368
Chapman P W	10024 18990 27450 37274 40632 53529 54979 58406 69887 79652 86836 87548 88109 95705 95959
Chapman R A	11660 38777 70818 89586
Chapman R E	70896
Chapman R K	6642 68399 77197 93759
Chapman V J	11557 11558
Chapman W H	64018
Chaponnier A	7712 61917 63780
Chapot	73769
Chapot H	20791 38800 64019 73772
Chapouille P R	55180
Chappel C I	4857
Chappell G C	62552
Chappell W E	65935
Chapperon J	79885
Chapple F J	13183
Chappuis J B	58615
Chappuis P A	85555
Chapuis J	88141
Charanduk R	1047
Charavanapavan C	11112
Charbonnel A	51355
Charbonnier E	6964
Charconnet-Harding F	16078
Chardenon J	22202 22203
Chardome M	43616
Chardonnet J	27508
Charest G	7548
Charet J	7962
Charitat	4276 15997
Charitat P	33263 33576
Charity L F	53349
Charkey L W	23854
Charles	787
Charles E	41576
Charles E G	15203
Charles F M	63563
Charles G	24155
Charles J	16967 28853 45413 52415 54350 68921
Charles R	41596
Charles V R	19523 72128
Charles H Hood Dairy Foundation	17961
Charlesworth G	53332
Charlet P	4228 23411 51297 51777 60009 70851 95258
Charlet-Lery G	93051
Charley H	54950
Charley V L S	54344 70497 96119
Charlier R	4858
Charliers N	2723 11319

	Item
Charnacé R de	21845
Charnay P	7713
	7714
	13079
	39864
	82247
Charney J	28402
Charny J	92856
	92889
Charon	13184
	30196
Charon A J	60309
	70189
	70190
Charonnat R	85019
Charpentier A	25470
Charpentier L J	25044
	93366
	94101
Charrier G	47227
	47228
Charro A	79785
Chartier B	94419
Charton A	15146
	15147
	59172
Chartrand J S	54525
Chartres C B	25346
	36337
Chase A J	83602
Chase C D	50160
Chase C E	54308
Chase E F Jr	94917
Chase F J	18910
Chase F S	88742
Chase G A	87279
Chase H B	24832
Chase H C M	18989
Chase J L H	12904
	13185
	19981
	21240
	21241
	40164
	40165
	58375
	65287
	65833
	78620
Chase P T	80373
Chase S S	64967
	73399
	81466
Chase Brass & Copper Co	7289
Chaserant L	45498
Chashcheva K D	32824
Chashchin I Z	31601
Chashkin I N	23566
Chashkin M I	58802
Chass R L	22697
Chassany J	90621
Chastinet E	9797
Chatel C	27241
	30918
Chatelain A	72187
Châtelain F	26931
	54700
Chatelain N	49389
Chatelier P A	11766
	16265
	40912
	82665
Chater G P	61450
Chater S W	27268
	27269
	27368
	28053
	55639
	71277
Chaterji N G	70915
Chatfield H W	54701
	87838
Chatt E M	87356
Chattaway M M	41621
	54612
Chatten F	63565
Chatterjee A	90147
Chatterjee A K	68726
Chatterjee B	2538
	2565
	66172
Chatterjee B N	73400
Chatterjee D	39654
	65048
	90503
Chatterjee H	70373
	70442
Chatterjee I	78699
Chatterjee N C	24730
	52813
	93736
Chatterjee P N	6484
	24730
Chatterjee R	12516
	90147
Chatterji B N	39324
Chatterji N C	16524
Chatterji S	16811
Chatterji U N	95960
	95961
Chatterton F J S	5426
Chatton E	22915
Chattopadhyay H	95161
Chattopadhyay S B	11767
	11768
	11769
	56490
Chaturvedi M D	13672
	14177
	14519
	14597
	21431
	41211
	83318
Chaturvedi P L	6764
Chaturvedi P S	12056
	22296
Chatwell W	24004
Chaudé P	14406
Chaudhari B B	39325
Chaudhari I I	39714
Chaudhuri D K	45499
Chaudhuri I I	2428
Chaudhuri K N	59100
Chaudhuri R P	28968
Chaudhuri S D	90289
Chauhan D S	10262
Chauhan R N S	90148
Chaulan C G	19982
Chauleur P	86716
Chaumier P	25533
	90746
	91362
Chauncey C O	55576
Chausovskiĭ A A	24241
Chauvat R	9148
Chauvet	29546
Chauvet J	7715
Chauvin R	6110
	16138
	52849
	52850
	93370
Chaux C	18313
	65404
Chavan J P	63781
Chavan V M	1158
	20535
	39325
Chavancy A	81791
Chavarria C M	50820
	50821
	83973
Chavarria Poll A V	40448
Chavasse C G R	75261
Chavedaev A A	58003
Chaverri G	2725
Chaves A da C	88142
Chaves L do R	5933
Chavez D	35612
Chavez D J	53704
	71804
Chavez F	71941
Chavez V	41698
	69575
Chavez Carbajosa E	69086
Chávez Portillo D	21432
	27252
Chavez Viaud M	3025
Chavn V M	20536
Cheah S L	95423
Cheaney L R	40633
Cheaney R L	31247
	40747
	40748
	49793
	66306
	74672
Chebaevskaîa V S	33561
Chebaevskiĭ V F	92798
Chebanova T L	38893
Chebotarev F G	31391
Checcoli E	65834
Chechulin V I	90322
Chede J	92984
Chédin J	54081
Cheema G S	45268
	55559
Cheesman L E	6706
	34503
	85307
Cheesman W L	25620
Cheftel H	7456
	7533
	28216
	69685
Chefurka W	34566
	61279
Chegut	86504
Chekalov K I	82815
Chekan I V	20968
Chekan L I	44562
Chekotillo A M	79499
Chekouras C C	31933
Chekulaeva L	26144
	44976
Chekur G	24493
Chelîadinova A I	821
Chellan J Y	93572
Chellappah S F	10639
Chemaster A	79249
Chembarova P	43028
Chemical Institute of Canada	63965
Chemical Specialties Manufacturers Association	55957
Insecticide Div	52062
Scientific Committee	
Chemische Düngerfabrik	58574
Chen C C	1911
	66232
Chen C T	82688
Chen M C	18136
	70374
Chen M P	86717
	88038
Chen N S	12863
Chen P S	9340
	18583
	36637
	52515
	54662
	62861
	70875
	79740
	87788
	87789
Chen R	14056
Chen S D	26474
Chen S H L	57657
Chen S L	29454
Chen S M	72699
Chen T C	6037
Chen T N	60626
Chen W	45979
Chen Y K	85238
Chen Cheng	80374
Chêne J	5137
	5427
	33118
	33372
	42649
	42742
	51678
	92899
Chêne M	75689
Chenery E M	2566
Cheneval G	53762
Cheney H	31192
	49558
Cheney H B	57353
	88343
	88466
Cheng C F	89899
Cheng F Y	78010
Cheng K L	21519
	30759
Cheng T H	45979
Chengappa B S	14583
Chenoweth M O	77198
Chentsova N IU	91862
Chenu-Bordon J C	38069
Cheo P C	72834
	72860
	81327
Chepikova A R	20280
Chepil W S	13748
	21488
	40569
	66110
Cherbonnier E G	8351
	94895
Cheredkov V N	24494
Cherednichenko G M	58803
Cherednik V A	27106
	27107
	88056
Chereeva S N	38909
Cheremisin V	89581
Cheremisinov G A	74836
Cheremisinov N A	11770
	19903
	19983
Cheremushkin S	46519
Cherepanov A I	85623
Cherepanov S K	38517
Chereshnev N A	6515
Cherevatenko P P	25788
Cherewick W J	11771
Cherian P P	21433
	74915
Cheridnikov G	53922
Cherkasskiĭ E S	32912
	85427
Cherlakov A	35060
Chermock R L	68974
	94063
Chernavin A	49591
Chernega A N	58796
Chernenko E S	89887
Chernenko I V	33976
Chernenko S F	13036
Chernenkov A D	39604
	65269
Chernetchenko V S	62587
Cherney V	54438
Chernîaev I P	39715
Chernîak I V	61465
Chernîak V Z	32311
	42470
Chernîavskiĭ M V	68330
Chernîavskiĭ N F	35459
Chernichko I	61391
Chernikov F S	91155
Chernikov V A	50290
	91776
Chernikov V G	53220
Chernin E	76790
	92985
Chernin V	23373
Chernobrivenko S I	20740
Chernousov M	58593
Chernov A	34989
Chernov F I	1634
Chernov I M	61470
Chernov P I	47911
Chernov V A	91185
Chernîsov I A	67225
Chernyshev A	9906
Chernyshev G V	24495
	52223
Chernyshev I I	35944
Chernysheva A P	31661
Chernyshova O P	11635
	38661
Cherrier E	85002
Cherrington J	32608
	80024
Cherrington J O	18843
	88467
Cherry G	37792
Cherry L M	67897
Cherry R W	53902
Cherry W M	12732
Chertov P	5727
Chervenak M B	73291
Chervenka C H	30510
Chervenka F	49246
Chervîakov L A	53309
Chervinskii V	87705
Chesalin G A	30511
	30600
	65936
Cheshire C A	35057
Chesley K G	32071
Chesneau A	51750
Chesnokov N S	2171
	20030
	90924
Chessa F	27233
Chessin M	39025
Chessmore R A	73546
	73547
	82316

	Item
Chester K S	72235
	81214
	89156
Chester R D	4478
Cheston Mrs E M	57658
Chetham A W G	17869
Chettiar T A R	9798
Chetverikova E P	12548
	20467
Cheu S P	61263
Chevalier A	14
	85
	114
	1159
	1281
	1282
	2338
	2726
	11448
	11449
	11450
	11451
	12696
	13186
	13545
	13673
	22083
	28518
	38336
	38426
	38427
	38428
	38429
	39412
	43964
	56200
	56201
	56787
	56788
	64020
	64177
	64178
	64179
	64180
	64905
	66920
	72188
	82145
	89290
	90546
	90622
	91105
	96203
Chevalier C	1912
	28389
	30197
	48931
	65540
	65541
	65542
	73945
	73946
	80857
	89868
	90747
Chevalier G	2727
	21846
	30919
	49419
	82816
	91186
Chevalier H	82317
Chevaugeon J	89487
Chevaugeon L	28854
Chevedaev A A	92158
Chevet L	11443
Chevigny J de	71392
Chevillard L	61716
Cheviot Sheep Society	5613
Chevrette J E	67263
Chevskiĭ	47056
Cheyne O B M	65374
Cheyrolles J	59832
Chhabra B S	60540
Chhonkar V P S	30920
Chhonkar V S	89944
Chi I L A	42043
Chi W	63684
Chiaia A	74513
Chian L T	20757
Chianese L	31515
Chiang C S	27108
Chiang H C	31078
	68922
Chiapparini L	29687
Chiappelli R	1160
	9625
	12600
	72648
	89488
Chiarappa L	14301
Chiarelli de Gahan A	34567
	52758
	94064
Chiaromonte A	25090
	43871
Chiarugi A	47151
Chiba S	12121
	50311
Chiba Y	47912
Chicago Academy of Sciences	34271
	93746
Chicago Board of Trade	35254
	61741
	62672
Public Relations Dept	95332
Chicago Daily Drovers Journal	87815
Chicago Quick Frozen Food Association	53556
Chicago University	37311
	37323
Institute of Meat Packing	26772
Chichaev N	31392
Chichester C O	54317
	73335
Chichilina A D	52000
Chick G H	45468
Chick H	11113
Chickering A M	68597
	77602
Chidamian C	39961
Chidester G H	22644
Chieffi A	1330
	10263
	15256
	15327
	16114
	19566
	23567
	24242
	32228
	33526
	51502
	59760
	60415
	63931
	67543
	67729
	75749
	83741
	84049
	84641
	92169
Chieffi A	92367
	92411
	92412
	92830
	93128
	93279
Chiesa A L	42509
Chiesa Molinari O	43768
	80709
Chigi A	84940
Chigurîaeva A A	38337
	47152
Chikaliki G M	58376
Chikalo I I	6888
Chikalov P	91106
Chiki E	34229
Chikov ÎA I	41332
Chikubu S	26736
Chikuma G	45072
Chikushi H	78239
Chilanti P	9879
	27325
	55062
	80064
	95647
Chilcote W W	89026
Child F III	7716
	45764
	62896
	87839
Childers L	20650
	45929
Childers L E	94311
Childers L F	10380
	85485
Childers N F	11636
	31249
	39716
	48775
	49592
Childers W R	81467
Childress G D	93507
Childress R L	26536
Childs G	5301
	5428
Childs G R	23815
	60069
Childs J F L	39027
	64553
Childs L	28897
	52068
	55454
Childs M W	53333
Childs T	4011
	59293
	84268
Childs W H	20969
Chile Caja de Crédito Hipotecario	18875
Chilean Iodine Educational Bur	94518
Chillag A	28855
Chilton S J P	13546
	13623
	13624
	30604
	48630
	64409
	64543
	66017
	72626
	72824
	89671
	89672
	90481
	91006
Chimitts	21666
Chin A E	35613
Chin T G	221
China W E	6643
	6644
	6689
	16812
	16813
	16814
	43638
	43639
	43640
	52624
	93946
Chini A	55511
Chini P	87277
Chinloy T	39605
	66346
Chinn O W	83053
Chinnayya	81087
Chinoy J J	12283
	56789
Chinte F O	41094
	75307
Chioetto F	13778
	66173
	91187
Chioetto R	82689
Chiovenda E	115
	11452
Chipault J R	44662
Chippindale H G	15069
Chirikov F V	2728
	39028
	89105
	91188
Chirkov A V	22123
Chirkov I I	43290
Chirkova A F	84578
Chirkovskiĭ	39029
Chirkovskii V I	56790
	89945
Chisholm L	95962
Chisholm R D	6038
	24436
	30760
	93371
Chistîakov A R	31686
Chistîakov V	53166
Chistîakova E A	47882
Chistov M M	33762
Chistov T I	84168
Chistovich T A	35485
Chitaley S D	56138
Chitchîan G A	74620
Chittenden A E	3691
	3692
	14899
Chittenden D	41950
Chittenden D W	4277
	4278
	23092
Chittenden E T	792
	22013
Chittenden F R	29905
Chitty D	296
Chitty G P	65082
Chitwood B G	600
	47675
Chiu S F	85752
Chiuderi A	95706
Chivers W H	23289
Chizhevskiĭ M G	20484
	21800
	40564
	40754
	82817
Chizhikov O N	56643
Chizhikov P N	58688
Chizhov B A	31237
	49593
Chizhov G	36647
	62865
Chkhaidze I I	30648
Chkheidze N D	33012
Chmora N ÎA	90925
	94236
Chneour A	85942
Chodat F	74353
Chodkowski A	5034
	22916
	24156
Chohlis G J	57202
Chohlis J	2902
	13914
	21801
	51092
	76022
	95226
Choi R P	7963
	79124
Choisy M	240
Chokkanna N G	21667
	40634
Chöler C G	50161
Chollet A	8209
	44898
Chollet C C	68809
Chollet M M	18758
	29455
	63097
Cholnoky B I von	222
	223
	11559
Cholnoky B J	678
	47744
	73119
Chombart de Lauwe P	63928
Chomiak M	59294
Chomse	87706
Chona B L	247
	11939
	38662
Chonchol J	94217
Chong G	53624
Chong M	60945
Chopard L	6842
	25091
	43641
	61264
	78219
	85308
Chopinet R	73947
	90537
Chopra D D	14543
Chopra I C	1043
	13701
	40338
	74358
Chopra R N	13701
Chopra R R	9655
Choquette C	4748
	18759
	25571
	33264
	36772
	47012
	80140
	80710
Choquette L P E	59311
	59844
	84503
	84504
Choquette R	10278
	62824
Chorin V	63306

	Item
Chorin Y	46181
	55095
Chosabu N T	95780
Chou C Y	30726
Chou T Y	27109
Chou Y L	63610
Chouard P	29232
	64721
	89291
	95707
Choudhri B L	49138
	57918
	82181
Choudhri R S	12284
Choudhury B	90968
Choudhury D P R	86048
Choudhury K C R	2429
Choulet J	75050
Choumara R	24894
Choussy F	8445
	9184
	63932
	66823
Chow A Y	55945
Chow C Y	16762
	60626
	68612
Chow K Y	70019
Chowanetz	88625
Chowdhury K A	80858
Chowdhury N P	57058
Chowdhury S	392
	38663
	81215
Chrestian P	43427
	77686
Chrisman J	8352
Christ E G	11772
	12962
	39865
	48775
	49594
	82146
Christ H	46634
	55640
	63697
Christen H E	75212
Christensen A	74559
Christensen A S	81958
Christensen C	23290
	24243
	40449
	48604
	74243
Christensen C D	35255
	70704
Christensen C M	248
	393
	18376
	19867
	45500
	54429
	62673
	87549
	87550
	87581
Christensen E	5104
Christensen G C	59833
Christensen G N	50612
Christensen H	48776
Christensen J	601
	1161
	48263
	88143
	90223
Christensen J E	19317
Christensen J F	23291
	43090
Christensen J J	297
	822
	11807
	38562
	39585
	81138
Christensen L	53241
Christensen L A	31873
Christensen L D	24793
Christensen L K	71018
	87922
Christensen N O	32693
	76253
Christensen P D	82818
Christensen R	46234
Christensen R P	9515
Christensen T	37471
	37793
	44371
	47321
Christensen W	1553
	44372
Christenson A M	25712
Christenson I	87774
Christenson L D	93372
Christian A B	4378
	51175
	92596
Christian C F	44338
	46775
	46776
	46777
	46808
	46839
	71942
Christian C S	47913
Christian E J B	33348
Christian G	88720
Christian J	63665
Christian J A	67727
Christian R E	3940
	4279
	4280
	4281
	5728
	43029
Christian W E	7587
	17655
	79741
	79898
	87923
Christmas G F	8041
	8042
	44849
Christiansen A	30248
Christiansen D W	56552
Christiansen K A	78854
Christiansen M	83834
Christiansen Q E	6111
Christiansen R	14999
Christensens A	66307
Christianson G	78999
	79125
Christianson J O	80028
Christie A	5138
Christie A J	50449
Christie D G	33265
	51611
	61290
	76791
Christie J R	3103
	56621
Christie-Miller C W	30198
Christodoulou P	61283
	78241
Christodoulou T	86606
	92657
	93159
Christofferson P V	60126
Christoph	65083
	86462
Christoph H J	42348
	51375
Christoph W	67544
	70304
	83742
Christopher E P	1843
	25722
	58387
Christopher J F	14418
Christopher T W	78770
Christophers S R	43596
	61000
Christophersen J	25973
Christophersen R	27451
Christy H R	72919
Chrysanthus P	6353
	16482
	60760
Chrzanowski B	23044
Chu A C	74448
Chu H J	12057
	38501
Chu K H	29647
Chuan L T	73680
	82105
Chubar' V K	59295
	84655
Chubb R L	54839
	54840
Chubb W O	47914
Chubenko I	36184
Chubukin N	79653
Chucka J A	2729
	81832
Chudaczek E	72920
Chudinovskikh N I	35945
Chugreev A V	31874
Chugunin A V	34568
Chugunov I E	31687
	94018
Chugunov I G	27110
Chugunov I N	58919
Chugunov L A	57203
Chugunov V V	22297
	61415
Chulton F le	24283
Chûjô M	16538
	16539
	93747
Chukhno D	71321
Chukhno D F	95665
Chulkov L S	29742
Chulkov V A	32406
Chulkova N S	33119
Chulkova V S	74214
Chumaevskii A V	69162
Chumak A V	69153
Chumakov S	31856
Chumakov S P	38200
Chumakova B M	64416
Chuman K	65835
Chung A C	15480
	41792
	76385
Chung A C W	4571
Chunglo C F	46562
Chupeev A	27369
	27937
Chupp C	81633
Church C F	46985
Church D E	53466
Church G L	89292
Church H L	19677
Church H N	38117
Church J L Jr	45610
	52603
Church N S	69004
Church R C	76073
Church T	82318
Church T W Jr	41253
Churchill E S	84233
Churchman J W	75584
Churchward E H	91007
Churekov F P	71805
Churion J	66836
Chussler G	7598
Chute H	68095
Chute H L	33266
	60187
Chutter R F	72033
Chuvakhin V	93373
Chuvikov V	10359
	27688
	27689
	44444
	63549
Chuyen V V	12520
Chwojnowski A	23489
Chwylja K S	3597
Ciabattini A	44042
Ciacci A	65084
Ciaffi B	41951
	41954
	51093
	55182
Cialzeta C	507
Ciampolini M	85716
Cianciulli P L	50119
	91549
Cianficconi F	17169
	86088
Ciani G	35676
	36573
	37136
	44795
	45836
	62843
	95303
Ciani L	35676
Ciarroechi E	32702
Ciccarone A	249
	298
	299
	300
	458
	549
	679
	11586
	21981
	38664
	47483
	56491
	56492
	64416
	72648
	72715
	72835
	72961
	73120
Ciccarone A	74905
	81088
	89582
	89583
Cicogna F	35946
Cid R	17730
Cid Hernández J	35947
	54082
	54083
	58203
Cidraes A G	73514
Cier A	21668
	49595
Cieśla E	26846
	33267
	92267
Ciferri F	89946
	89947
Ciferri R	386
	633
	802
	823
	2339
	2340
	11773
	11774
	11988
	11989
	16173
	20081
	30512
	36338
	47371
	47622
	47915
	56791
	56904
	64293
	72538
	80859
	81089
	81547
	82548
	89948
	90073
	90149
	94065
Cifre G	43365
Ciliberto Platania L	3292
Ciliga T	76267
Cilli V	8565
Cillie S J	86340
Cilliers H S	71943
Cimon J C	43265
Cincinnati Health Dept	35288
Cincinnati Milling Machine Co	54439
Cinovskis J	34504
Cinquina G	95333
Ciordia H	51477
Cipolla G	72650
Cipolloni M A	50781
Cipriani P L	72805
Cipriano T	10025
Ćirić B	85328
Ćirić K	83743
Cirino V O	15109
Cirio G P	17731
Cirotzki R	78621
Cisler E W	39962
Cissoko M	32754
	59692
Cities Serv Oil Co	25374

	Item
Ciumei G	12601
	90230
Ciurcina G	42128
Ciusa W	8665
Cizeron J	90748
Cizik B	11364
	82486
	90926
Claas W	52089
Claassen G J	61169
Claborn H V	35677
	51850
	93541
Claesson O	55922
Claeys E	8446
Claffey J B	36986
Clagett C O	32347
Clair E	1800
	82248
Claire A G	95493
Clamar	80255
Clancy C W	68727
Clancy D W	52352
	52516
	60854
	60945
Clandinin D R	5260
Clanin E E	55641
Clapham A R	2638
	72337
Clapham H M	4564
	23285
	24154
Clapp A L	48264
	73515
Clapp C E	41041
	91715
Clapp E	59631
Clapp E H	3206
Clapp G R	27909
	91523
Clapp H J	51296
Clapp W F	41441
Clapper H	61471
Clapper J C	44119
Clapper R B	72651
	81216
Clara F M	11775
	28991
	40166
	90927
Clarac C	18191
	69780
Clarasó Daudí N	30199
Clarenbach F A	63698
Clarenburg A	51612
	84269
	87102
Claret G	44663
Claridge F H	91598
Claridge J H	11990
Clark A H	43769
Clark A M	88923
	16888
	24987
Clark B B	66667
Clark B E	20537
	39270
Clark C	37275
	90738
Clark Mrs C	53699
Clark C F	30418
	51949
Clark C H	32499
	59634
	67730
Clark D	7424
Clark D J	26932
Clark E	55749
	88843
Clark E C	37923
Clark E W	24890
	85795
Clark F	44445
	57392
	66671
Clark F A	4012
Clark F B	30853
	92037
Clark F C	34312
Clark F E	13782
	30795
	40496
	66187
Clark F G	33763
Clark F L	55880
Clark F Le G	35196
	35197
	80650
	88999
	89000
Clark F S	47483
Clark G	80689
Clark Mrs G	73948
Clark G H	48206
Clark G K	8968
Clark H	23724
Clark H E	20281
	28390
	56816
Clark H L	58241
Clark H R	32825
Clark J	13187
	37581
	52517
	68876
	71623
	88586
Clark J A Jr	86512
Clark J C	16289
Clark J D	65543
Clark J F	1913
Clark K G	58563
	66684
	66699
Clark K K	16335
Clark L	1730
	20834
	24995
	36098
	38563
	66308
	67957
	89397
	89398
Clark L E	7285
Clark L F	43769
Clark L R	49247
Clark M	86117
Clark M E	55750
Clark M M	33143
Clark M R	15095
Clark M W	35756
Clark N	18991
	49247
Clark N N	27610
Clark O F	20116
Clark O H	18199
Clark P F	10264
Clark P G	43770
	52063
	61110
Clark P H	27610
Clark R	23387
	73857
	79456
	83835
	83836
	92268
	92739
	93160
Clark R B	48932
	77365
Clark R H	3539
Clark R L	36395
Clark R M	27938
Clark R R	48832
	48833
Clark R S	32746
	78228
Clark R T	12731
	23220
	42065
Clark R W	67786
Clark S D	25656
	44484
	94557
Clark S F	14638
	41333
Clark S P	36692
	36693
Clark T B	23816
	51572
	61561
	84758
	84941
Clark T C	31079
Clark T F	86558
	95178
Clark W	5139
	21051
Clark W F	51698
Clark W G	57446
Clark W H	22261
	53782
Clark W L	79370
Clarke A D	81435
Clarke B	12158
	20168
	38927
Clarke B W	7599
	36225
Clarke C A	61170
Clarke C H	51298
Clarke C H D	58880
Clarke D	39655
Clarke E	39963
Clarke E A	51804
	60335
	62815
	68198
Clarke G M	69888
Clarke G P	46091
Clarke G R	2634
Clarke I D	9297
	96225
Clarke J F G	6765
	61171
	68924
	78088
	78089
Clarke J J	944
	20370
Clarke J W	8969
Clarke L N	14858
	32182
Clarke M	65925
Clarke M C	5429
	87924
Clarke O F	12042
Clarke R W	52518
Clarke S H	62354
Clarke T	17492
Clarke W S Jr	39803
	48777
	73121
Clarke W T	69781
	86718
Clarke W W Jr	85486
Clarkson M R	17204
Classey E W	16968
	52759
	52760
	60506
Clastrier J	93889
Claude	2430
Claude D	11320
	17219
Claude P	72652
Claudian J	95267
Claus E P	82604
Claus R	77311
Clausager F	4961
	32968
Clausen A	9472
	23093
	70825
Clausen A H	18497
	88931
Clausen C P	16204
	43159
	43160
	43182
	77914
	93374
Clausen H	5729
	5755
	11155
	46912
	60396
	60484
	62801
	96084
Clausen J C	24391
Clausen M	1554
Clausen M B	16679
Clausen O	96041
Clausen R E	56726
Clausen R T	19810
	38430
Clauser F	41171
Clauson K A	41517
	41518
Clauss H	64722
Clauss W	95757
Claussen M	95963
Clavadetscher R	76094
Clave	1162
	25540
Clave P	73401
Clavel B	89029
Clavell C	4566
Claverie P A	82959
Clavert J	5302
Clavier Y	72962
Clavijo Peralta M	4013
	32312
	59296
Clawson I	46778
Clawson J R	68925
Clawson M	3026
	10026
	10265
	10266
	12733
	37472
	37557
	37710
	46563
	88468
Claxton A J	53647
Clay E W	38157
Clay F	39964
Clay G F	18992
Clay Sir H	54980
Clay J	79250
Clay M L H	59869
Clay T	6900
	17146
	52877
Claybaugh G A	8099
	8242
	70229
Claybaugh J H	5430
	9516
	88563
Claydon E C	69424
Claydon T J	7964
	94348
Claypool L L	8784
	26509
	29233
	54256
	79390
Clayson D H F	7534
Clayton C N	47484
	47497
	47498
	47499
	47502
Clayton E E	56583
Clayton E S	18932
Clayton F	38562
Clayton F E	60910
Clayton J S	13836
Clayton M M	38066
	38117
	46980
	88997
	88998
	89042
Clazada B J	82687
Cleal H L	73516
Cleary C W	40539
	40864
Cleat N D	43375
Cleaton J A	46798
Cleaver P	55096
	61608
	94420
Cleene de	22917
Clegg J	10640
Clegg J B	88727
Clegg L F L	7991
	8016
	25974
Clegg R E	5303
	5304
	5484
	24050
Cleghorne J W	94463
Cleland J B	38403
	38894
	89190
Cleland R E	80896
Cleland R G	36485
	55598
Cleland S B	29688
Clemares Miralles R	57154
Clement D B	55512
Clement J B	46635
Clement L	10864
Clement M	37794
Clement M T	63098
Clement R C	89765
Clements A N	25031
	43771
Clements E	88538

	Item
Clements F W	11031
	11032
Clements H C	39965
Clements H F	12285
	48605
Clements J	1914
	1915
	13188
	84554
Clements P B	76865
Clements P S	69459
Clements R W	22687
	32123
Clemmer C W	39452
	65085
	77070
Clemow N J	11115
Clemson A A	6112
	6113
	52224
Clemson A M	16336
	16337
Clendenan E F	58997
	91907
Clendening C H	31817
Clendenning K A	81548
Clerck J de	7717
	17732
	35460
	69782
	86719
Clérin R	1163
Clermont L P	22724
	67217
Clermont Y	59992
Clerx J	86255
Cleu H	61172
	77687
	78090
	85943
Cleve H	54440
	62674
	87551
Cleve-Euler A	28643
Cleveland G W	23244
	25479
Cleveland J E	53021
Clevenger H M	35426
Clevenger S	185
Clevenger S R	53530
Cleveringa C J	73359
	81792
	81793
Clifcorn J E	70666
Clifcorn L E	28212
	45454
	80682
	87513
Clifford B	8693
Clifford E D	13547
Clifford R J	80460
Clifford R P	71070
Cliffton E E	4014
Clift B P Jr	61742
Clift L F	29919
Clinch F A	2172
	6766
	30200
Cline A C	41042
Cline H F	73807
Cline J W	80461
Cline L G	23725
	33120
Cline R A	39292
Clinebell B J	9596
Clink H	32986
	84572
Clint Mrs M	64181
Clinton D D	29689
	37473
Clinton N	26035
Clisby K H	19776
	80902
Clivio C	24371
	33842
Clizer N R	24005
Cloaninger B D	31255
Clodius R L	36178
Clopton J R	25621
Cloquette L E	8447
Clore W J	29234
	31080
	39030
Close P D	94412
Close W L	78771
Clothier G E	20790
Cloud D M P	82319
Cloud H A	69485
Cloud K M P	39656
Cloud M C Jr	41156
Cloudsley-Thompson J L	16130
	16483
	43376
	68598
	93701
Clough M	3870
	8353
	8970
	18377
	26272
	45088
Clouin H	10267
	39690
Cloutier R	35784
Clover E U	72268
	89191
Clovis J L	7290
Clower D	28768
Cloyd W J	51477
Cluitmans J	10865
Clulow A A	10641
Clum H	56139
Clutter H	18378
Clyde A W	40305
	44137
	52980
	61371
	78408
Clyde G D	14057
	58409
Clydesdale C S	90450
Cnossen T	46594
Cnossen W P	87052
Coady M M	71944
Coates M E	5218
	15771
	15811
	59642
	61562
	76731
	92950
Coates S	55449
Coatney G R	84857
Coaton W G H	6901
	6902
Coats R E	1356
	39429
	65051
	82847
	95857
Cobb C Jr	73122
Cobb J S	21346
	79434
Cobb S S	50369
Cobb W T	1331
Cobbald D	4749
Cobben R H	6645
Cobble J W	15510
	76430
Cobbledick A L	2173
Cobianchi E	10027
Cobin M	65383
	73773
Coblentz J	18584
Cobos A	8427
	93748
Cobos Cárdenas E	62355
Cocca O E	55513
Cochard J	39453
Cochel W A	92413
Cochran A R	41272
Cochran C L	37276
Cochran E	5551
Cochran F D	74145
Cochran G R	27939
Cochran G T	49864
Cochran G W	549
	56399
	61093
	64304
Cochran H L	394
	57825
Cochran J H	34230
	52065
	77688
Cochran K	5105
	23568
	23569
	42426
	42427
Cochran L C	550
	551
	581
	93732
Cochran R	3027
	83405
Cochran R F	37474
Cochrane H	45837
Cochrane J A	22698
	32072
	41520
Cochrane R H	3869
	7199
	7200
	7201
	36339
	53066
Cochrane W W	27248
	35347
	37475
Cock A	42550
Cock B	49587
Cock R E	2341
	21347
	49248
	74244
Cockayne E A	6767
	16969
	16970
	16971
	16972
	34569
	34570
	34571
	43772
	43773
	43774
	43775
	43776
	52761
	52762
	52763
	52764
	52765
	61173
	61174
Cockayne E A	68367
	68926
	68927
	78091
	78092
	78093
	85944
	85945
	85946
	85947
Cockbain E G	95424
Cockbill G F	43777
Cockburn J	10268
Cockburn J S	14758
Cockburn R B	68261
Cockburn T A	5086
	15692
	52064
Cocke E C	11560
Cockefair E A	46418
Cocker H	82320
	82321
Cocker L	9149
Cocker P J	87707
Cockerham K L	52416
Cockman B	88110
Cockrell M F	37097
Cockrell R A	3780
Cocoa Chocolate and Confectionery Alliance	44664
Coconut Research Scheme	1690
Cocquerelle J	86720
Coda T	6707
	10028
	52066
	68728
	68810
Codd A H	69285
Codman C R	69783
Codman J M	32500
Côdo V	5035
Codolini L	3693
Codounis M	29456
	29457
Cody W J	19795
	89192
Coe F O	65665
Coe G E	20270
Coe M H	78315
Coe R L	43133
Coelho F F	59393
Coelho de Souza L A	69318
Coen P E	47103
Coene R de	1283
	29309
Coenen M	22725
Coetsee G	69154
Coetzee J A	89197
Coetzee W H K	8614
Coey W E	24304
	77092
Cœytaux A	40783
Cofer E S	38070
	38246
Coffee H B	87708
Coffey J H	5798
	16740
Coffey J S	16043
Coffey L C	27079
	29541
	40167
	49139
Coffey T M	14178
Coffin D L	59835
Coffin F S	78622
Coffin R F	71805
Coffin R P T	37740
Coffman F A	824
	29621
	57060
Cogan C	73517
	75750
Coghill R D	80896
Cohan M S	64857
Cohee A	4282
Cohee M	63539
Cohee M H	27611
Cohee R F	70624
Cohen A	45917
	82487
Cohen C A	4834
Cohen D	12865
Cohen G	21348
	61501
	74245
	74246
	94374
Cohen G N	825
Cohen H K	93248
Cohen J	35715
Cohen J B	61702
Cohen M	395
	60541
	73123
	77826
Cohen N	30201
Cohen S	95085
Cohen V	82435
Cohen W E	3694
	3740
	3752
	22720
	32149
	32150
	50614
	59126
	75641
Coher E I	34168
	93836
Coher E L	68720
Cohn E M	85227
Cohn M M	7404
Cohnen W	60627
Cohoe F	75796
Cohrs P	4097
	59836
	67610
	76525
Coic Y	28392
Coiffait H	77689
Coile T S	58764
	66921
Coimbra Filho A F	22204
	75238
Cointat M	22205
	75050
Coit J E	6708
Coke C E	8448
	62356
Coke J	37557
	54466
Coke J E	90581
Coker R G	14900
Cokl M	14555
Cokley K	31973
Cokman L	88709
Cola Alberich J	50936
Colaço A T F	43161
Colagrande B	87816
Colam E E F	62135
Colamaria F	3127
	5916
	48834
	53622
Colas G	60507
Colas-Belcour J	24682
	43907

Item

Colback H R F 15940
Colberg W J 61230
Colbert J W 45414
Colbert R J 71766
Colbeth I M 18617
Colburn A P 10642
Colburn R 51679
Colby A S 39883
57447
58242
Colby E M 19401
46636
Colby R W 43030
43065
Colby W G 64731
Coldwell B B 56963
Cole A C 16139
61111
Cole A W 26273
Cole B I 54387
Cole C E 91008
Cole C F 19212
Cole C R 43061
51376
60458
Cole D S 10952
Cole F R 85717
Cole G D H 37924
Cole G G 83608
Cole H 42547
Cole J 76023
Cole J W 77136
Cole M M 6619
34169
Cole M W 17667
36258
Cole R C 40540
Cole R K 15912
23744
42536
68043
84858
Cole T A 48895
Cole W 55018
78631
Cole W C 70191
Cole W R 54346
Colee H 41519
Coleman C S 30830
Coleman F B 36861
50822
71095
79899
Coleman G E Jr 5140
Coleman J E 18635
Coleman J H 7718
Coleman J M 85045
Coleman K 68229
Coleman M T 53559
Coleman N T 82690
Coleman O H 28906
29235
57387
Coleman O T 13915
13916
Coleman R 3135
34750
40635
Coleman R E 89475
89489
Coleman R J 1036
64723
Coleman R S 79637
Coleman S 7334
61613
Coleman W H 17483
Coleman W P 40954
45838
87135

Colenbrander 67873
84724
Coleno 65245
Coles E H 51825
80141
Coles J D W A 42650
Coles J V 44492
Coles L W 24738
Coles R 5141
5431
15713
15874
22792
24006
33373
51680
60200
60201
76866
84942
Colette L 22298
50209
75266
Colfax Fruit Growers Association 45264
Colhoun J 28856
47335
Colin 24496
Colin A 3982
Colin G 65319
Colin P 53127
Collardet J 83490
Collart A 93947
Collantes Tapia B 30649
Collard J 73949
Collart A 43501
Collazo C 17733
Colleaux H 50162
College voor Voedingsaangelegenheden 17821
Collenette C L 6768
61175
Coller S G 6965
78959
Colless D H 61001
Collet B 48835
65455
90676
Collet M H 83492
Collett E M P 17484
Collicutt S A 3695
32072
41520
Collier A E 43778
Collier H M 45922
Collier J Jr 46371
Collier J W 29514
29591
30921
73453
81833
Collier P A 28362
Collier R 80070
Collier R D 91950
Collignon 15975
Collin J E 34313
34314
77827
85718
93837
Collings M L 10818
80462
Collingwood C A 16174
28860
34505
Collins A E 84943
93052
Collins B 82322
Collins C A 86256

Collins D 21194
Collins D L 85719
Collins D N 3756
41595
Collins E B 8210
62189
Collins E C 25639
Collins E R 39454
91288
Collins E V 65989
Collins G A W 26761
Collins H 78843
Collins H B 80335
Collins H M 51094
Collins J A 23061
Collins J H 5305
33268
36604
Collins L A 48933
Collins M S 34695
34699
Collins P E 50234
Collins R 37560
67264
Collins R M 58575
Collins Mrs S R 13189
Collins S T 73124
Collins T 52067
Collins T C 93129
Collins V P 26164
Collins W B 91009
95789
Collins W E 53702
62011
79115
Collins W J 76024
Collins W O 41699
65937
Collisi G E 11097
Collisson C F 4283
8043
26656
27301
69733
80058
88677
Collister E H 81834
Collopy B J 42969
Collopy J P 53128
Collura A M 49340
66051
Collyer C G 19471
29882
Collyer E 25119
61040
Colman E A 14673
40593
Colman K 93145
Colmenares R 4567
32703
42459
59297
Coln R 65086
Colobraro V 78720
Colom J 66195
Colombain M 19402
Colombani G 58648
66495
83236
Colombia Contraloría General 19474
Colombia Federación Nacional de Cafeteros 30513
Colombia Ministerio de Agricultura Div de Extension 80711
80463

Colombian M 28056
28057
37925
Colombo G 34652
61265
69005
84500
Colomer R 17734
78871
86721
Colón E D 32313
Colon I A 29236
56792
64724
82819
Colón Torres R 7860
18993
21928
27183
Colonna B 96228
Colorado Bankers Association 95608
Colorado Dept of Agriculture 55958
Colorado Development Council 26657
Colorado State Fair 80464
Colovos N F 15213
Colpe G 26478
Colson E 8034
45609
63666
Colson J H 22288
Colston R 95425
Colter W G 74443
Coltov J A 25746
Coltrin L 20425
Columbia Sheep Breeders Association of America 19967
Columbo V 37650
Colvill L L 31771
Colvin B 11365
57659
90749
Colvin E 3870
Colvin E M 6929
8970
45839
61463
79457
79840
Colvin W S 40636
Colvis L L 62462
63565
87443
Colwell E 86224
Colwell R N 50243
Colwell W E 12893
14006
20778
31046
31256
58243
Colyer C N 34315
77828
85720
Coman E S 37186
55097
Comar C L 5306
24292
33315
51956
58106
76978
84315

Comas J 54441
Comber J 21052
57660
90750
Comberg 84725
Comberg E 84944
84945
Comberg G 4453
69980
83744
84169
84170
84171
85153
Combes F M 27039
Combes R 56106
56793
86517
Combined Conference on Admin and Scientific Aspects of Food in Civil Defense
Combs E M 61743
Combs G E 77097
Combs G E Jr 60471
Combs G F 5226
15272
23791
23838
33191
42610
51601
60070
67998
67999
76706
76732
76746
84808
84832
Combs O B 62588
Combs W B 26020
26021
35852
54000
54001
62058
62268
79157
Comeau 71307
Comel A 58058
58099
Comelli A 73808
Comerio N 81959
Comerio N H 50702
57061
Comfort J E 92644
Comfort R O 10643
Comhaire-Sylvain J 63411
89045
Comhaire-Sylvain Mrs J 63411
Comin D 1731
Comité de Ganaderos del Valle 15148
15149
18498
Comite "Hygiene et Eau" 25572
Comite Interamericano Permanente Antiacridiano 86026
Comité ter Bestudering en Bestrijding van Insectenplagen in Bossen 34231
34506
Comité ter Bestudering en Bestrijding van Ziekten in Iepen en Andere Boomsoorten 68877

	Item
Comité Tunisien d'Études et de Recherches sur l'Alimentation	96120
Comline R S	15150
Commercial Exchange of Philadelphia	72034
Commissie Aardappelmeelindustrie	36179
Commissie ter Bevordering der Suikerbietenteelt in de Noordelijke Provinciën	12864
Commissie voor de Bevordering van het Uniforme Onderzoek van K I Stieren	32501
Commission Internationale des Industries Agricoles	64877 65483 69545 70625 71183
Commissione per l'Incremento ed il Miglioramento della Coltivazione della Barbabietola de Zucchero	57386
Committee of European Economic Cooperation Food and Agriculture Committee	71393
Committee of Direction of Fruit Marketing	36180
Commodity Marketing Corporation	94932
Common R H	17566 93024
Commoner B	47623 72836
Commonwealth Agricultural Bur Executive Council	80824
Commonwealth Bank of Australia	10029
Commonwealth Bur of Animal Breeding and Genetics	50951 67235
Commonwealth Bur of Soil Science	2520 91256
Commonwealth Clydesdale Horse Society	32997
Commonwealth Economic Committee	87190
Commonwealth Institute of Biological Contr.	24353 60542
Commonwealth Institute of Entomology	33843
Commonwealth Mycological Institute	301 19883 38528 81139
Commun R L	69087
Communal	5614
Communal R	33615 45154
Community Garden League of Greater Montreal	65544
Compagnon P	82605 95426
Compañia Bananera de Costa Rico	70673 87315
Compañia Salvadoreña del Café	63956
Compeau G M	87854
Complin E R	66757
Compton C C	93375
Compton J	94692
Compton L F	41116
Compton L L	18731
Compton L S	67611
Compton L V	86117
Compton R	86722
Compton W	56794
Comrey A L	66798
Comrie A A D	7719
Comstock R B	19678 47074 47075
Comstock R E	81468
Comte O	83991
Comuzzi A	25806
Conagin A	57006
Conagin C H T M	56680
Conant C	13268
Conant R	54084 62357 62358
Conant V	43612
Concellón Martinez A	15151
Concha C A	73360
Concha V C	2730
Concha Acuña A	30762
Concha Acuña F	30761
Conchon H	75512
Conci C	77690 78279 85309
Concienne E J	43781
Condamin	16973
Condamin M	68928
Condé B	6903 6904 6905 17147 34696
Condat F	70849
Conde B	85556
Condemine R	61716
Conder S	86951
Condit I J	90582
Condominas G	64110 64111
Condon J	95790
Condon M Z	73125
Condon R W	12776 74837
Cone J F	7965 34937 53015 86906
Confederacion de Asociaciones Rurales de Buenos Aires y la Pampa	96042
Confédération Européenne de l'Agriculture	28058
Confédération Générale de l'Agriculture Div de la Rentabilité	88170
Confédération Nationale des Commerces et des Industries de l'Alimentation	44389
Confederazione Generale dell'Industria Italiana	27452 71203
Confederazione Nazionale Coltivatori Diretti	88322
Conférence Européenne du Tabac	27184 36981
Conference Europeenne sur la Fievre Aphteuse	41793
Conference of the Presidents of the Negro Land Grant Colleges	37795
Conference of Production Credit Corporation Presidents	37098
Conference on Citrus Processing	36261
Conference on Potatoes	52934
Conference on Research	95227
Conference on World Land Tenure Problems University of Wisconsin	27798
Conference to Develop a Coordinated Research Program on "Air Sac Infection" of Broilers	76792
Conge L	21349
Conger A D	20282 56795
Conger P S	11561
Conger S L	39966 48934 65545 73950
Congrès International de la Recherche Scientifique Appliqueé à l'Industrie Textile	8449 26340 70375
Congrès International de la Vigne et du Vin	7720 17735 25789 35462 61918 61919
Congrès International des Fabricants de Chocolat et de Cacao	86723 86724
Congrès International des Industries Agricoles	10030
Congrès International du Mais	12602
Congrès National de la Culture en Bon Père de Famille	19087
Congrés National de Laitérie	35614
Congrès Pomologique de France	57448
Congrès Pomologique de Lorraine	65320
Congreso Internacional de Agricultura	13001
Congreso Internacional de Química	87840
Congreso Nacional de Químicos Azucareros	18760
Congreso Sudamericano de Investigadores en Materias Agronomicas	48207
Congreso Sudamericano de Química	55959 72154 80712
Congress of the International Landworkers' Federation	27370
Conix A	19475 80142
Conkle H J	93376
Conklin C T	23412 44745 76025
Conklin D B	44977 83533 92012
Conklin E H	15614
Conklin E W	75525
Conklin H E	37708
Conklin J G	11776
Conklin R P	22237
Conley A R	44850
Conley B E	6029 63966 77288
Conley J E	25790
Conley W	7600
Conlon J B	59632
Conlon T J	3293
Conn R B	11156
Connat M	30019
Connaught Medical Research Laboratories	60128
Connaway J W	83837
Connecticut Arboretum	80860
Connecticut Dairymen's Association	86837
Connecticut Dept of Farms and Markets	70560 70674
Marketing Div	44618 45467
Connecticut Nutrition Council	19518
Connecticut Pomological Society	48696
Connecticut State Geological and Natural History Survey	52519
Connecticut Vegetable Growers' Association	40168
Connecticut Wholesale Milk Producers' Council	26036
Connell H P	49106
Connell Sir I	37277
Connell R	60455 77120 77121
Connell W B	36486
Connell W E	8406 19184
Connelley H C	21929
Connelly H H	22551 31950 58952 67145 75568
Connelly R G	53923 84437 92679
Conner B M	57919
Conner G H	51476
Conner J A	19567
Conner J D	3128 22024 31257
Conner J W	62975 95372
Conner M C	26078 79066 79067
Conner P C	30830
Conners I L	72536
Connert E	63486
Connery F E	7689 9738 25770
Conniff J E	66496
Connin R V	43881
Connio R	11238
Connold W Q	76164
Connolly C	69259
Connolly P J	11157 19598 28259 56375 60543 63967
Connor B R	78653
Connor M	49956
Connors C H	13190 21053 49597 73951
Conoce C	73711
Conover A G	10953 27185
Conover C F	2903
Conover R A	19984 56571
Conrace J C	55514
Conrad F	38564
Conrad L B	59908
Conrad M D	4568 51176
rad R M	26987

	Item
Conrad V H	21054
Conrad W	8830
	39717
Conradi H	51177
Conradi R R	13191
	32132
Conradie J E	28059
Conradt W P	53001
Conroy R J	3104
	64322
Consani M	78011
Conseil Economique	71322
Consejo Interamericano de Comercio y Produccion	53383
Conservative and Unionist Party Organization	37278
Consiglio G	95023
Consolani E	82249
Consolazio F C	19531
Consolidated Badger Cooperative	46779
Consolini	29542
Consolini A	48265
	84438
Consonni A	31951
	67072
Consorzio Nazionale per il Credito Agrario di Miglioramento Servizio Tecnico Agrario	9799
Consorzio Volontario Sperimentazione Lotta Antigrandine di Cenate	96223
Constable D H	58377
Constable W A	1916
Constance L	11485
	11504
	28480
	28519
	89328
Constancio Lazaro R	12603
Constandse A J	43966
Constant A	40932
Constantino O F	40889
Consumers Cooperative Association	49598
	50033
Contactgroep Opvoering Productiviteit	63487
Contet M	74146
	17803
	35222
Conti G	42325
Continental Can Co	79373
	86639
Research Dept	25733
	26609
Contini A	76994
	77366
Contractor J	65375
Contreras R G	46235
Contreras Arias A	19695
Contreras Tejada J	65264
Controle C L O Mengvoeders	62291
Convegno delle Sementi Forli	47153
Convegno Nazionale del Cuoio	87709
	95228
Convención de Agricultores del Litoral	37279
Converse C D	1332
	21616
	31081
Converse C W	41521
	67168
Converse H T	4485
	76165
Converse Mrs P C	40994
Conway A W	27612
Conway E	57920
Conway E M	22561
Conway H M	9185
	9323
	18570
	26565
	36487
	45089
	54653
	62773
	70779
	79730
	88570
	95271
Conway T	2731
	24497
	57526
	73740
Conway T J	61812
Conway W H	46637
Cooil B J	12286
	29237
Cook A	11949
Cook A A	47609
	72806
Cook A H	35463
	44665
	79561
Cook A S	95427
	95428
	95429
Cook B	71945
Cook C E	37076
Cook C W	5643
	12734
	15992
	40308
	51806
	85074
Cook D	7150
	31514
	83571
	91759
Cook D B	41195
	83633
Cook D C	33374
Cook E D	12287
	39455
	39456
	39457
	40637
	57204
	57205
	57989
	74560
Cook E K	55183
Cook E L	84505
Cook F	91996
	91995
Cook G C	25375
	46638
	53129
Cook G V	83565
	92013
Cook G W	224
Cook H H	13037
	21242
Cook H L	8044
	17905
	74514
	79068
	79069
	86879
Cook J H	39967
	48935
	82323
Cook J M	35948
	81901
Cook L F	22381
Cook L J	1164
	39968
Cook L R	69784
Cook M A	13068
Cook M T	11587
Cook O M	54616
Cook P M	225
	226
	43872
Cook P P Jr	77937
Cook R H	5071
	15459
	15670
	16016
	51243
Cook R L	40638
	49599
	58258
	74601
Cook R P	20458
Cook R S	27717
	95850
Cook S	74247
Cook W	91010
Cook W B	12517
Cook W C	17375
	93952
	93956
Cook W H	86670
Cooke A H	44077
	61446
Cooke C	93053
Cooke C H	86076
Cooke D A	29727
Cooke F C	36099
	36694
	72129
	95024
Cooke G M	82324
Cooke G R	85376
Cooke G W	2567
	34860
	40639
Cooke H G	52878
Cooke H L	57007
Cooke R G	27270
	43967
	73318
Cooke R J	94066
Cooke W B	12058
	19868
	56325
	81090
	81091
Cookson E D	31974
Cookson I C	47229
	80861
Cookson J S	9907
Cooley C E	24372
Cooley D G	55881
Cooley H B	44446
Cooley H D	80143
	38323
Cooley J S	13455
Cooley M L	70305
Coolhaas C	13676
	13677
	29867
	46236
	46237
	58004
	64661
	80144
Coolidge J H	63504
Cooling L F	13749
Coombe J	73809
	73810
Coomber H E	3691
	3692
	14898
	16266
	59056
Coombes S N	49249
Coombs G W	7861
	17822
Coombs R R A	92986
Coomes T J	18615
	50577
Coon B F	6428
Coon J M	68512
	77292
Coonen N H	69785
Cooney M J	396
Cooney P M	36698
Cooney W T	5246
	42579
Coonrod L G	53100
Coons C M	28201
	35245
	89001
Coons G H	38665
Coony J J	2732
	2733
	14053
	27708
	29199
	57495
	89922
Coop I E	5638
	15984
	50703
Coop T E	5639
Cooper A N	54309
	79900
Cooper A S	18084
	26341
Cooper B A	77367
	77368
Cooper C C Jr	58501
Cooper C E B	8831
Cooper C M	4152
	4569
	48742
	51178
	84506
Cooper D	5216
Cooper D C	12122
	89949
Cooper E L	88212
Cooper G	1917
	46639
Cooper G H	7030
	15773
Cooper G R	39969
Cooper G S	65088
Cooper H P	10031
Cooper J C	92900
Cooper J F	39458
Cooper J O	48412
	82820
	87053
	87054
	94833
Cooper J P	29084
	38964
	47699
Cooper J R	73811
Cooper K L	32184
	32185
	50493
Cooper K W	6906
	78012
Cooper L	34948
Cooper L L	19679
	78632
Cooper L R	2904
Cooper L S	47154
Cooper L V	71067
Cooper M I	52417
Cooper M M	32200
	57206
	65089
	67265
	75725
	81960
Cooper M R	1154
Cooper M S	51399
Cooper M W	27940
Cooper P	74248
	94560
Cooper P E	31821
Cooper R	64182
	82666
Cooper R C	15511
	23413
Cooper R W	41212
Cooper S	88743
Cooper W C	826
	29238
	29973
Cooper W E	64582
	72886
	77772
Cooper W P	38071
Cooper-Reade J B	79406
Cooperativa Agrícola "Ministro le Breton"	96043
Cooperativa Algodonera Salvadoreña	35949
Cooperative Auditing Serv	79251
Cooperatieve Dorpsvereniging "Ruurlo"	69889
Co-operative Federation of Western Australia	88856
Cooperative Grange League Federation Exchange	88857
Co-operative Union	37927
Cooperrider D E	63782
Coordes H	10974
Cooreman J	35289
	37928
	41794
	51377
	67815
	93036
	60660
	82606
	85487
	24683
	24920
	93702

	Item
Cope C	1333
Cope F W	2435
	44669
Cope H N	50237
Cope J D	83534
Cope J T Jr	30922
Cope O B	93377
Cope T S	84946
Copeland E B	11514
	89377
Copeland G	92871
Copeland J T	83055
	86209
	86463
	86507
Copeland L	11512
Copeland O L Jr	28857
Copeman E	80689
Copenhagen Universitet Zoologiske Museum	61274
Copland D B	35272
Copley D	55184
Coppa-Zuccari G	62359
Coppenet	71946
Coppenet M	39031
Coppier O	21552
	82715
	91222
Coppinger G M	36689
Coppini R	51156
	94561
Copple H	36100
	36181
	54258
	62514
Coppock J B M	25661
	31974
	44493
	53410
	53472
	87537
Coquery P	80145
Coquet J	45840
Coquillat	2431
Coquillat M	80862
	81549
Coquillaud H	28120
Cora F	39866
Corainville R C de	95713
Corbellini G	88324
Corbellini I	33510
Corbet H A	29691
Corbet P S	25120
Corbett A C	23911
Corbett H A	29883
Corbett M A	61744
Corbett R	95373
Corbett R O	49647
Corbetta G	89574
Corbin E A	67646
Corbin M R	7335
Corbin W	90751
Corbin de Mangoux A	13850
Corbos E	45155
Corbould A	53859
	70106
Corcelle F	29309
Corcoran J P	79562
	94349
Cordeiro A	4015
Cordeiro A R	77829
	77830
Cordelli G	66497
Cordes L	51179
Cordes W A	70107
Cordier L	5432
Cordiez E	22779
	24214
	24215
Cordiez E	67545
	76648
	77105
	84172
	93224
Cordingley F A	6114
Cordner H B	68480
Cordoba Firmat A	50662
Cordón F M	89706
Cordonnier R	86778
Cordova J P	21590
Cords H P	58072
Cordy C B	39804
	52068
	57527
Cordy D R	43090
	50823
	51180
	51833
Core E L	47041
	80863
Coret P	93254
Corey A T	13745
Corey G	58279
Corey H H	9186
Corey M L	54257
Corey R B	40460
Corey W M	55467
Corfitzen W E	14059
	14157
Corillion R	89293
	89421
Corio M F	44666
Corkill L	81756
	81961
Corkins J P	5917
	6039
	6040
	16175
	17148
	24437
	68400
Corle E	37280
Corley J R	36045
Corley T E	40758
	78442
Corliss C D	30373
	49106
Corliss J M	94067
Corliss P G	30202
	57661
	65546
Cormack M W	47485
Cormack R G H	38895
	47916
	58872
Cormack R M	49957
Cormack R M M	91473
Cormany C L	85441
Cormany E M	54085
Cormio R	31516
	67086
Cormoulsoules H	26342
Corn L	24498
	43291
Corn Industries Research Foundation	18761
Cornaby F A	46758
Cornaby F H	71808
Cornbleet T	78257
Corneil W P	73357
Corneille F	58853
Cornejo R F	65250
Cornel H	75582
Cornelio M	64021
Cornelison A H	49865
Cornelius	74420
Cornelius C	66933
Cornell H H	36910
Cornell P W	47957
Cornell R D	48930
Cornell Nutrition Conference for Feed Manufacturers	70306
Cornell University College of Agriculture Biometrics Unit	28375
Corner E J H	19869
	38896
	56326
Corney N S	3691
	3692
Cornfield A H	58100
	61717
	82691
Cornfield J	813
Cornforth J W	26335
Cornil A	10644
Cornil J	2548
Corning H M	41262
Corning W H	11366
Cornish E A	48266
Cornish G S	48936
	48937
	72539
	91011
	93378
Cornish R F	13917
Cornman J F	21394
	90752
Corns W G	40267
	65088
Cornu C	20835
	29920
	39867
	48657
	48658
	48836
	48837
	65321
	65456
Cornuet P	29009
	64323
	81328
Coronado J M	85086
Coronado Padilla R	5918
	25085
Coronel A B	15913
	15914
	16041
Corothie H	83259
	83429
Corpe W A	2606
Corporación de Fomento del Ecuador	63366
Corporación Venezolana de Fomento Sub-Gerencia de Serv Técnicos	36340
Corporation des Agronomes de la Province de Québec	63367
Corpuz J O	63700
Corradetti A	68044
	85721
Corrado A	4570
Corrales Vicente M	78960
Corran J W	86725
Corre L	17626
Corrêa A A M	3028
	3029
	3030
	14163
	17109
	21930
	21931
Corrêa A A M	21932
	31193
	31194
	31195
	40865
	49958
	49959
	66602
	69319
	74838
	78534
	83056
	83057
	83058
	91474
	91475
Correa F R	87841
Correa H S	85087
	85088
Correa J V	59560
Corrêa O	23909
	42651
	43062
	75844
	76268
	76846
	77106
	84270
Correa R R	16763
	68811
Corrêa V	37582
Corrêa V	93249
Correia A A M	83059
Correia A C	21669
	31293
Correia V	79926
Correia y Alberty A	60350
Correll D S	28622
	38339
	72371
Correns C W	49420
Correvon A	30203
Corrias A	84050
Corrick J A Jr	35366
Corrie F E	3871
	15070
	15071
	22793
	22794
	32229
	41700
	41701
	51095
	67546
	76166
	84173
	92526
Corriedale Sheep Society	60310
Corrington J D	20153
Corriols	2432
	49498
Corriols J	12123
Cors Bellvehi R	93054
Corse J	70592
Corse M A	79841
Corson A B	25153
Corson C W	75308
Cort J L P	85624
Corte H	41522
	59057
Cortes C	60300
Cortes I A	93379
Cortes R	77831
Cortes Chavez E	17823
Cortés Iturbe A	16540
	16541
	16542
Cortes Latorre C	89399
Cortés Muñoz V	9695
	36972
	46038
	46039
	47894
Cortés P R	16176
	16224
	24794
Cortes Villarreal M	77012
Cortese M	68190
Cortesi A	67473
Cortesi F	21434
Cortez E	5036
Cortez G J A	18933
	19318
	46239
	63040
	86518
Corti R	20283
Corticelli B	33037
	59298
Cortiguera J A	84947
Cortvriendt S F	13192
	40955
	61623
	65547
	66310
	86434
Corty F L	9517
Corum C J	28409
Corvart F F	2734
Corven H C	66498
Cory C	57662
Cory E N	94068
Cosby S W	30825
Cosens R D	75270
	75424
Cosentino S	7721
	27235
	53505
	55823
	62897
	78798
	80146
Cosenza Gálvez F	37049
Cosgriff P W	87200
Cosgrove D J	70705
Cosgrove E B	8832
	89157
Cosline H	27453
	55360
Cosma D	75099
	83350
Cosma G	54919
	55824
	63835
Cosmo I	17736
	30061
	39868
	69786
	81550
	82250
	86726
Cosolo A G	34316
Cosse S	62675
Cossette M	2905
	3140
	8759
	9187
	18994
	23198
	37583
	40640
	43162
	52935
	54920
	67266
	70561
	74561
	75845
	77013
	77199
	79654
	91391
Cossitt F M	3433
	14595
	14975

	Item
Cosson x	43084
Cossu A	29692
Costa A	33502
Costa A A	27799
Costa A E	49960
Costa A I R da	53860
Costa A S	20086
	56376
	56595
	56596
	56774
	60551
	60761
	64554
	64555
	81329
Costa C F	37021
Costa D	27111
Costa G dalla	37137
Costa G	27111
Costa J A	52353
Costa J B da	13827
Costa J J	64417
Costa J V B da	66224
Costa J W da	75751
Costa P E	49341
Costa R da J	86838
Costa W F da	1284
Costa Filho M	36911
	36912
	95494
Costa Júnior J J	4750
Costa Lima A da	16889
	60911
	61041
Costa Neto J P da	56323
Costa Rica Ministerio de Agricultura e Industrias	83838
	91263
	92348
Costa-Rodrigues L	73402
Costantino G	6429
	16542
	52418
	77832
Costa's Directories Co	54921
Coste A	49140
	82607
Coste A C delle	2342
	21350
Coste M	29826
Coste R	18995
	69089
Costello D F	29693
	65938
Costello M J	55751
Coster E de	65548
Costilow R N	17870
	17871
Costin A B	74515
Costley R J	31393
Cota Galan R	1056
	87868
Côté	37138
Côté P E	83992
Côté R R	31330
Cotini A	6115
	6116
	33977
	58005
Cotta A	12059
	40396
	89766
	91550
Cottam C	85444
	85445
Cotte A	48352
	57155
	81835
Cotte J	1034
Cottenie A	40457
Cottenie A H	39224
Cotter E P	6117
Cotterell G S	60544
	85373
Cottew G S	76985
Cottier E F	65939
Cottier G J	15815
	76699
Cottier K	58244
Cottier W	24684
Cottingham J O	11588
Cotton B C	15254
Cotton C E	84507
Cotton C M	32704
Cotton J R	65060
Cotton R T	5919
	60545
	85344
	93380
	93381
Cotton W	79252
Cotton W P	62829
	62830
	79701
Cotton Fire & Marine Underwriters	35950
Cotton Insect Control Conference	52069
Cotton Research Committee	45220
Cotton Research Congress	45156
Cottral G F	60134
Cottrell D R	62676
Couch J F	9451
Couch J R	5227
	5228
	5233
	15324
	23792
	23793
	23819
	23825
	23867
	23915
	23944
	33179
	33273
	41756
	42580
	68000
	68001
	76733
Couch W Jr	71306
Couche C E	49897
Couchman R	39869
	70562
	78336
	82960
Coucke P	10645
	49600
Coudert J	83839
Coudreau J	14096
Coudun P	23676
	56202
Couey J E	59761
Couey M	1165
Coufalík E	20468
Coughlan R F	42349
Coughlin L E	19811
Coulier G	1334
	1335
Coullens	57062
Couillens M	27613
	74931
Coulombre J	77744
Coulson J M	7601
Coult D A	12488
Coult M	79995
Coulter C H	31394
Coulter F C	40169
Coulter J K	82692
Coulter J W	36101
	45269
Coulter L L	13548
	21389
	30514
	30515
	40268
Coulter M P	51385
Coulter O J	55185
Coulter S T	17883
	35852
	44816
	54000
	54001
	62065
	62268
	78999
	79010
	79125
	94845
Coulter W M	31395
Coulton E F	44938
Council for the Preservation of Rural England	10539
	80406
Councilman E C	21055
Count R D	14021
	21617
	40269
	40270
Country Gentlemen's Association	37476
	63297
Country Landowners' Association	19407
	27800
	37929
	88626
Country Magazine (Radio Program)	27896
Country Women's Council of the U S A	10582
Countryman D	41481
Coup M R	15386
	32609
Coupar J R	87136
Couper G P	37651
	43968
Couper R A	28392
	72269
Coupin A	35464
	65457
	69787
	90676
Coupland R T	49250
Couranjou A	44296
	82182
Courbières T	71947
Courdurier J	11224
Courréges	76636
Coursen C B	11367
Courshee R J	61472
Courtenay C E	8613
Courth	82549
Courth H	48413
Courtin	95578
Courtney C H	17906
Courtney J L	17872
	25975
Courtney W D	47676
Courtois C M	85913
Courtois J	56964
Courty A	56377
	59450
Courvoisier F	8354
Coury T	74562
Cousens D W	78071
Cousens J E	83222
Cousi	75846
Cousin F (Hijo)	91223
Cousins D A	1336
Coutanceau M	48697
	65322
Coutaud J	12288
	12289
Coutiaux P	7202
	44171
	44172
	44173
	69320
	78509
	78535
	86308
Coutin R	16080
	34317
	43502
	85722
	93838
	94069
Coutinho A R	48362
Coutinho J O	16259
Coutinho L P	21670
Coutinho M	1555
	48938
	48939
	65549
	82325
	82326
Coutinho M C P	64725
Coutinho M G P	39032
Coutts J C	57663
Coutu A J	54924
Coutu C	70296
Couturier A	16169
	16734
	85625
	85723
Couturier E	58245
	58246
	59150
	59173
	59409
	59561
	60202
Couvrat-Desvergnes A	8971
Couvreur F P	30032
Cova P	71323
	80088
Covan S P	79027
Covas G	47817
	64616
Covault C H	4864
	84358
Covello M	45930
Cover S	55923
Cover W	44120
Covert J M	53782
Coves	71139
	82480
Covington H M	74147
Covington J L	76431
Covington S	11115
Cowan E W	31261
	40927
Cowan G	54258
Cowan I M	58881
Cowan J C	7203
	9403
	70916
Cowan J C	71012
	87842
	87912
Cowan J M	56203
	56204
	56205
Cowan L G	27454
Cowan P R	48267
Cowan R L	59245
Cowan W	92192
Coward C C	65550
Cowart F F	39048
	57825
Cowart L E	12434
	13549
	13550
	13551
	13552
	13553
	13610
	13622
	13625
	65940
Cowden T K	18996
	38118
	44447
	61814
	69658
Cowdery J	84513
Cowell C	1556
Cowgill B	80260
Cowgill W H	48172
Cowie A T	15409
	42941
Cowie G A	50013
Cowing A G	19319
Cowley W R	20274
	20621
	78516
Cowlin R W	50163
Cowlishaw S J	48414
Cowperthwaite W G	65941
Cowsert W C	59593
	76220
Cox A B	37156
	45157
	62360
	71394
Cox B	96044
Cox B F	15816
	33269
	60129
	76793
Cox C B	8540
Cox C E	19985
	40201
	56378
Cox C P	51086
	53763
Cox E	87412
Cox E F	11297
	19696
	47104
	56086
	64076
	69252
	80309
	86388
Cox E G	65926
Cox F L	36627
Cox G	14486
Cox H A	3611
	14591
	14592
	75492
Cox H C	77289
Cox H E	61791

	Item
Cox H R	51373
	51378
	60475
	85261
Cox H T	89816
Cox J A	5920
	6430
	20970
	48838
	52766
	52879
	68729
Cox J T	92901
Cox J T Jr	27051
Cox L G	44494
Cox M	65551
Cox M B	2349
	3031
	58070
	58502
Cox R F	15072
	16030
Cox R G	50354
Cox R S	47372
	81244
Cox R W	36341
Cox Mrs T R	19740
Cox W C	80713
Cox W S	71119
Cox W T	68102
Coyaud Y	1165
	1166
	1167
	38130
Coyle T	92527
Coyne G F	83319
Coyne J F	77233
Coyner J	92680
Coyola	17233
Coyola G	57063
Cozart M L	26326
Cozzo D	11453
	22578
	22743
	28353
	38897
	41213
	41643
	48940
	59114
	67202
	72270
	75690
	89194
Craats J T M van der	48941
Crabb G A Jr	74688
	74794
Crabb R	2735
	39326
	57064
	64324
Crabbe L F	71910
Crabill R E Jr	16484
	68599
Craddock-Turnbull J N	27650
Cradock T H	25424
	34990
	53167
	61523
	61524
	69321
Craft C C	45308
Craft M	22601
Craft W A	77046
Crafts A S	40271
	40272
	49251
	82550
Crafts A S	89981
	90023
	90024
Crafts E C	50120
	58679
Craggs V H	88111
Craghead E R	76432
Cragoe N	7862
	23292
	53703
Cragwall G O	80663
Craig B	21351
Craig B M	9503
	54702
	62898
Craig C F	14847
Craig D	54824
Craig F A	67152
Craig F R	15816
	60129
Craig H A	57921
	57993
Craig J	67267
Craig J I	35951
Craig J W	50182
	58710
Craig R	53506
	61563
	69322
Craig R B	41095
Craig T	56015
Craige A H Jr	4571
	42129
Craige J E	4865
Craighead E M	69028
Craighead F C	85345
Crain A W	1337
	46240
	90323
	90905
Crain E	79749
Craine E M	79039
	79041
	85103
Crall A	92014
Crall J M	81140
Cralley E M	29523
	58227
	72889
	90219
Cram J S	29543
	41954
	45841
	45931
	46564
	50824
	58503
	87552
	91476
	92269
Cram W H	31688
	80952
Cram W T	60900
Cramer F J	36746
Cramer H	37796
Cramer J	37281
Cramer M	46465
Cramer M J	36695
Cramer O P	50370
	58854
Cramer P J S	13678
	65251
	87985
Cramois	55019
Cramois A	9800
	37099
	55020
	55022
	63237
	80029
Cramond B	11111
Cramond R A	12905
Crampton E W	24157
	42409
	50704
	50705
	50706
	60476
	67343
	70944
Cran H J Jr	94344
Cran M	73952
Cranbrook Institute of Science	81054
Crandall B S	19904
	28733
	56493
	81217
Crandall P C	3032
	39870
	48840
Crandall P R	45313
	52193
Crandall R R	60130
Crandall W T	4454
Crandell H A	6584
	34399
Crane E E	16338
Crane H L	30689
Crane H P	39970
Crane J C	13002
	39033
	47917
	69546
	73126
Crane J R	32230
	87925
Crane M B	89889
Crane P L	39374
Cranfield J D	25976
Crang A	18222
Crann L B	53343
Cranz K L	5647
	5783
	16061
	41747
	51935
	67575
	84215
	85194
Craplet C	23293
	92170
Craplet C C	32502
Crary D D	5589
Crasemann E	4455
	83745
Craufurd C	16974
Craven C J	18093
Craven W H	48569
Cravens M E	17645
	87391
Cravens M R	7573
Cravens W W	5229
	5273
	15725
	23806
	23807
	23858
	23884
	42374
	42581
	51573
	68002
	68003
	68299
	76734
	76735
	76766
Cravens W W	76767
	79878
	93055
Craveri R	94179
Cravioto R O	11116
	19519
	63933
Crawford A	1338
	11158
	15968
	54442
	91289
Crawford C	53623
Crawford C B	66111
Crawford C W	35290
	44495
	44496
	53473
	53474
Crawford D E	1320
	9774
	10373
Crawford F L	24499
Crawford F M	67257
Crawford H D	14901
Crawford J G	80013
Crawford J H	915
Crawford J S	11213
Crawford J W	66677
Crawford K	38340
Crawford K B	74249
Crawford P A Jr	78633
Crawford R F	72653
Crawford S S	18074
Crawford T	23503
Crawford W A	33375
Crawford W G	49141
	90504
Crawford W R	95495
Crawley J F	15817
Cray A S	70780
Cray R E	36803
	45868
	62999
	79842
Craze S P	29875
Crea V	7722
	7863
	8972
	26450
	27186
	36102
	45501
	46241
	46242
	46243
	61815
	70917
	71204
	71395
	79253
	79563
	79786
	79927
	87553
	88039
Creasey L B	65552
Creasy L F	12434
	13549
	13551
	13552
	13553
	63990
	65995
	66018
	69180
	69200
Creditkassen for Landejendomme i Østifterne	46092
Creech J L	30650
	57664
	65288
	69433
	73953
Creek C R	27031
Crehu G du	74148
Creighton J T	93839
Creighton J W	14759
Creighton W S	16990
	52701
Cremaschi V M	7223
	17737
	35465
Cremer C L	77073
Cremer E	38564
Cremer H D	8973
	11117
Cremer L C N de la L	82705
Crepax P	5573
	5574
	5575
	5576
Crepin J	94746
Crepin M	45502
Crepin P	76958
	76986
Creplet L E	25559
Crescimano F G	23233
Crescini F	1168
	29483
	73403
Crespo J	42428
Crespo J A	3414
	19905
	27455
Cresswell M	10646
Cresta M	38015
	69584
Creswell M E	80804
Crete P	680
	20154
	47745
	89817
Crête R	65942
Cretenet S	39413
Cretin C	95426
	95430
Cretschmar M	16975
	42743
	46466
Crettol G	27456
Creuzburg U	93948
Crèvecoeur A	16891
	16892
	43708
	43709
	52702
Crevier L	95374
Crew W C	36574
Creyke G H	59633
Cribb A B	644
	72457
Crickman C W	45090
Criddle J E	15776
Criddle W D	2996
	14060
Crider E P	55752
Crider F J	73516
Crijns A H	63488
Crile L	19320
	95965
Crilly J B	23101
	76409
Crim R F	30516
	49256
	74299
Cringan A T	75448
Cripe R W	27326
Criscuolo I	79742
Crispin S	90928
Crissey J B	50034
Crist R E	55599

	Item
Cristi D	6073
Cristiani L Q	38897
Criswell J E	10257
Critchley C E	72035
Critchfield F H	6036
Critchfield H J	10033
	10034
Critchlow J K	51209
Critopoulos P D	397
Crivellari D	19812
Crivelli E	31267
Crnko J	13456
Croce F	54351
Croce F M	1732
	8833
	8834
	12290
	20284
	20919
	45415
	48890
	55825
	62568
	65458
	65484
	73812
	79435
	79480
	87432
	87470
Crocioni A	66252
Crocker A J	1691
	73774
Crocker F	24500
	43292
Crocker R L	82748
Crocket R M	13193
	21056
Crockett F S	71811
	80465
Crockett G	31602
Crockett S B	30776
Crockett S P	4437
	30986
	39429
	39896
	48872
	57387
	58294
	65051
	95300
Croft A R	21619
Croft P G	67816
	83993
Croft-Cooke R	66052
Crofton H D	5660
	59299
Croissant O	64544
Crom B	34943
	42830
	43020
	44611
	46343
	47101
	50050
	52994
	53354
	57336
	62325
	63923
	74813
	77270
	78201
	78667
	80701
	94555
	95645
Crom R	6076
Crom R L	80741
Cromarty W	88987
Crombie B	23145
Cromelin L	96204
Cromer D A N	83437
Crommelin R D	82749
Crompton C E	26343
	35952
Crompton E	21591
Crompton E W	32314
Crompton J	77603
Cronau	51681
	69208
Cronin M T I	42460
	75847
	92799
Cronin T C	93786
Cronk J G	8211
Cronje F J C	79254
Cronquist A	11454
Cronshey J F H	398
	28858
	28859
	47486
	47487
Cronshey R H	8045
	44851
	70048
Crook D K	30841
Crook E	5319
	42130
	51618
Crook H C	30204
Crooke M	16926
	31331
	34224
	93949
Crookes M	28625
Crookham G L Jr	39271
Crooks M P	73954
Crookshank H R	84271
Croom H	61816
Cropley R	89724
	89725
Cropsal G	12735
Cropsey M G	25471
Croquet J	59300
Crosbie C J	17389
	25154
	25394
	61502
	86100
Crosbie M C	27371
Crosbie-Walsh T	35362
Crosby H	1918
	13194
	65553
Crosby H S	3270
Crosby H W	21057
	30205
	39971
	64662
	65554
	73955
	82327
	82328
Crosier W	39034
	39035
Crosier W F	28734
	29339
	38565
	65049
	72654
Crosman R	7556
Crosnier	78659
Cross A	42288
	59451
Cross A T	11381
	28414
Cross B A	5577
	85020
Cross C E	21352
	74250
Cross D A E	25376
Cross F	4016
Cross I B	82329
Cross J A	70192
Cross J E	57665
Cross J W	67850
Cross L L	36982
Cross R F	92327
Cross S T	35475
Crossa-Raynaud P	73813
Crossan M E	45842
Crosse J E	399
	527
Crosse V M	72087
Crossett J L	71235
Crosskey R W	6709
Crossley A	9396
Crossley D I	3532
	14518
	31396
	91247
Crossley E L	35615
	53813
	69890
Crossley J H	54951
Crossley T L	75587
Crosson M A	17593
Crossthwaite W P	94389
Croston C B	87842
Croston E L	41597
Crotty D	76666
Crouch G H	87521
Crouch L	12736
Croup A H	67167
Crouse E	27327
Crouse E F	19267
	46131
	71731
	78634
	79564
Crouse G	84439
Crouse R H	54922
Crouzier J P	73404
	73405
	81836
Crovetto A J	36707
	54710
Crovetto A J Jr	36706
Crow A B	14325
Crow D	2906
	53704
	95791
Crow D N	59979
Crow E W	76526
Crow J F	89077
Crow J H	86560
Crow N R	87710
Crow R C	32007
Crow W C	25635
	61745
	87392
Crowder H W	85835
Crowder J N	47932
Crowdus D H	93038
Crowdy S H	47488
Crowe G A	22009
	22010
Crowe G B	17220
	79255
Crowe L K	64682
Crowe P K	4835
Crowe S M	13195
	21058
	21059
	65836
	74251
Crowe W	80147
Crowe W S	3552
	14723
	22444
	58895
Crowell H H	77691
Crowell P	33076
Crowell R L	6563
Crowhurst R C	67898
Crowley D J	47489
Crowley R	95997
Crown R M	76325
Crownover R	28972
Crowson R A	52419
	68641
	77692
Crowther D S	48778
	57449
Crowther E M	2521
	19708
	21671
	49488
	49601
	66311
	82821
Crowther H A H	42131
	53924
	86197
	86839
Crowther R W	51613
Croxall H E	28860
	64418
	72655
Croxton-Smith A	32888
Crozel J	7864
Crozet S L	53294
Crozier M N	18075
Crucillo C	37282
Crucq J	7093
	8760
	17217
	25311
	56379
	78443
Cruess W F	8835
Cruess W V	8836
	25713
	25842
	26451
	26493
	53531
	53532
	53624
	54310
	70626
	79376
	86727
	94688
	95053
Cruickshank E W H	63882
Cruickshank I A M	400
	11777
	19986
	28861
	47490
Cruikshank J W	41523
	92091
Crum H	12073
Crum H A	56293
	64251
	89135
	89400
Crumbaker J W	76102
Crumlish D J	79126
Crump G	7865
Crundwell A C	194
	195
Cruz A A da	33504
Cruz C F de la	84948
Cruz E E	35953
	73472
	87191
Cruz F	88325
Cruz I F	6646
Cruz I M	84812
Cruz J E de la	27271
Cruz M de la	71812
Cruz R d'	72271
	74252
Cruz S	19520
	28121
Cruz S R	17318
	30419
	43943
	43969
	74714
	78303
	89149
Cruz B L	71948
Cruz Lozano F	15918
Cruz Miret A	28984
Cruz R C	80062
Cruz Valero A	9404
	54703
Cruzado H J	40295
	82570
Cseh Firtos S	93913
Csellak W R	3783
	3784
Csiszár V	16115
Csonka F A	60203
Csontos J	5799
Csukas Z	83746
Cua L D	89950
Cuany R L	73473
Cuatrecasas J	116
	11455
	72372
Cuba P	35954
Cuba Comisión Nacional de Propaganda y Defensa del Tabaco Habano Dept de Estadística	88112
Cuba Económica y Financiera	36913
Cuba Ministerio de Agricultura	35411
Cuba Ministerio de Hacienda	80605
Cubbedge R	18262
	18272
	54299
	70586
	70587
	79429
	87449
	95061
Cubbedge R H	517
Cuboni E	33038
	50825
Cucalón Tejeiro E	3457
	39774
	57587
Cucchi C C	72921
Cucullu A F	36706
Cudahy Mrs J M	90753
Čudars M	96240
Cudinamarca Secretaria de Agricultura	89078
Cuenca C L de	45158
	67440
	94934
Cuénod A	89818
Cuenod H	29974
Cuenot	73769
	82176
	82177
	82480
Cuénot G	30020
	73741
	74138
	74139
Cuénot L	19773
	20791
	47155

	Item
Cuesta M de la	44114
Cuff K A	58855
Cuff R L	4572
Cufodontis G	47230
	47310
Cuillé J	16543
	24373
	68401
Culatti J	80754
Culberson W L	28673
Culbertson C C	51941
	88349
Culbertson C G	15195
Culbertson J O	29647
	39585
	48219
	48353
Culbertson R E	8615
Culik R	15998
Cull I M	54491
Cullen A L	12737
Cullen C	19321
Culliford P J	21608
Cullinan F P	19741
	19786
	20920
Cullison A E	76433
	85197
Cullity J M	17824
Cullity M	4751
	4752
	88858
Cullmann W	82330
Cullumbine H	38072
Culp J A	15876
Culpin C	25192
Culton T G	24007
Cultrera R	8666
	36146
	36263
Culver C	1919
Culver E C	54884
Culver H R Jr	36773
Culver W H	95110
Cumber R A	20078
	34572
	77938
Cumber W J	46780
Cumberland K	69515
Cumberland K B	55560
Cumberland Shenandoah Fruit Workers' Conference	48698
Cumings G A	17329
	53048
Cumley R W	84859
Cumming R	90754
Cummings C M	41955
Cummings J N	33764
Cummings L J	3780
	31397
	40995
Cummings O	35321
Cummings R	32503
Cummings R W	29494
Cummings W H	73098
	83406
Cummins G B	47332
	47338
	56327
Cummins S H	76731
Cummins W	46758
Cuneo R	8974
Cuneo R E	54352
Cunha A B da	34318
Cunha A C da	81063
Cunha T J	3872
	3373
	5756
Cunha T J	5757
	5758
	32231
	32610
	32611
	32612
	33701
	41702
	43030
	43065
	50707
	60477
	76167
	77097
	92193
	95229
Cunkelman J	4378
Cunkelman J W	5661
Cunliff K M	3294
	13196
	30206
	57666
	82331
Cunliffe F	93703
Cunningham C	41703
	42582
	71019
	71020
Cunningham C C	31196
Cunningham C E	40170
	49324
Cunningham C J	61561
Cunningham C R	40210
	68438
Cunningham D	85950
Cunningham E	10647
	19322
Cunningham G	29544
	36342
	76868
Cunningham G H	250
	19906
Cunningham H S	11785
Cunningham H U	14281
	14282
Cunningham I J	50708
	68223
	84272
Cunningham J	66053
Cunningham J B	19179
	55098
	55508
	55509
	55510
Cunningham J C	21267
Cunningham J D	23894
	76724
Cunningham J E	59762
Cunningham L C	19164
	26274
	27439
	37584
	46467
	51096
	78961
Cunningham L W	12538
Cunningham R H	69294
Cunnion D	35150
Cuny L M E	18192
Cunyus P A	88744
Curasson G	75848
Curasson M G	73519
	75752
Curbelo Hernandez A	77604
Curie	31082
Curini-Galletti A	30854
Curl L F	6769
	85948
	94070
Curme J H	12477
Curran R E	35291
Curran R H	24093
	85012
Currence T M	49142
Currey J R	4866
	59837
Currie C	2433
	80371
Currie C C	94591
Currie G H	30830
Currie J G R	82332
Currie P W E	78013
Currlin E C	49879
Curry E J	9775
Curry F B	19089
	32613
	69181
	71813
Curry H E	83965
Curry J R	41253
Curry K	9518
Curtin L V	68305
	85195
Curtis A E	48942
Curtis C H	12906
	13197
	21060
	82333
Curtis F M	2174
Curtis G M	84334
Curtis H A	40570
Curtis J D	83386
Curtis J J	63938
	20222
Curtis J M	61746
	62515
Curtis J T	28526
	81373
Curtis O F Jr	30517
	30518
Curtis P J	15
Curtis R G	54072
Curtis R S	42978
Curtis R W	21061
	39972
	57667
Curtiss R	11298
Curvo J B de A	18725
	27052
	45917
Curwood J E	13198
Cury R	60661
Cushing J E	60762
Cushman C G	78635
Cushman H E	36774
Cusmano I	83152
Cussac C M	40385
	49499
Cussler M	96147
Cusson	71539
Custer J H	53774
Cutak L	11456
	19813
	21062
	38431
Cuthbert W A	39973
	8016
	25974
Cuthbertson D P	41704
Cuthbertson E G	30519
	72224
Cuthbertson F G	21063
Cuthbertson J D	12907
Cuthbertson M B	3295
Cuthbertson W F J	5911
	50709
	76731
	92951
Cutkomp L K	6759
	33952
	34653
	68929
	93382
Cutler G H	11778
	48589
	57363
	65101
Cutler H	67474
Cutler W A	58433
Cutright C R	5970
	34984
	93729
Cutshall A	37652
Cuttela L C	23726
Cutten E Y	83387
Cutter R M	38073
Cutter V M	23240
Cutter V M Jr	681
	20285
	29375
	29442
	39262
	47491
Cutting C L	9724
	18828
	37033
	54952
	63195
	79995
Cutting E E	10649
Cutts J E	49866
Cutts N A	24501
	77369
Cutts N S	90146
Cuvelier G	8432
	70368
Cuvier G	51181
	84273
Cuvier P	26933
	54704
Cuvillier J	70307
	86683
Cuynet P	64252
Cuzin J	20082
	28993
	29019
	29020
	29085
	29148
	29391
	29457
	29873
Cuzner H	22124
Cuzzocrea G	64870
	64878
	64879
	64880
Cvetko F	77370
Cvetković M	96085
Cvjetanovic V	76527
Cynkov M	55361
Cyprus Dept of Agriculture	96167
Cyprus Dept of Co-operation	88859
Cyprus Forest Serv	14370
Cyprus Land Registration and Survey Dept	71534
Cyr F W	37764
Cyrog R J	76528
Czaja A T	89951
	91156
Czajkowski Z	25472
Czapski F	49602
	67731
	91536
	92528
Czarnowski A	26847
	32315
Czarnowski C von	89952
Czarnowski M	64726
Czech	77371
Czech M	28735
	64325
	89490
Czechanowski	6966
Czechanowski G	48208
	52936
Czeczotka J	91157
Czepek E	3601
	14783
	31952
	58953
	67073
Czepek R	58954
Czerwinka W	20651
	56644
Czulak J	70193
	79127
	79128
Dabadghao P M	12738
	39459
Dabald A R	63041
	87986
Dabbous R	35955
	62361
Dabère G	17738
	20971
	82251
	82252
Dabin B	13918
	30826
	91138
Dabkiewicz I P	79688
Dąbrowski T	5834
	23294
	24284
Daccord A	51301
Dace S A	42522
Dachary Jusué M	92831
Dachtler H	94935
Dackerman M E	52568
Dacombe U	16031
	17962
	27941
	54663
	54664
	80466
Dadaille B	58006
	58007
D'Adamo O A	83320
Dadant C C	19742
	29495
Dadant C P	33978
Dadant H C	24502
Dadant J C	33978
Dadant M G	33978
Dadd C V	2175
Dade E W	38158
Dadin Tenreiro J M	79481
Dadswell H E	12187
	15018
	29072
	50613
	73032
	75641
adugin A P	7492

	Item
Dadykin V P	827
	21489
	39036
	56796
Daffy P	6118
Dageroth	7057
	34839
Daglish C	17567
	18223
	19569
Daglish E F	4836
Dagnan F	33192
Dagnino V	54086
Dahill E J	79391
Dahl A O	30571
	81413
Dahl E	56177
	90150
Dahl F H	61882
Dahl L E	59813
Dahl M H	64326
	81141
Dahl R P	37951
Dahlbeck N	31083
Dahlberg A C	53861
	61392
	70108
Dahlberg A O	70194
Dahlberg H W	48606
Dahle C D	26145
	35805
Dahlgren G	68642
Dahlgren K V O	72272
Dahlquist N	15521
Dahlquist N L	16116
	24320
Dahlstrom R V	33223
Dahm H	91586
Dahm K	88275
	88276
Dahm P A	5921
	43503
	52185
	68806
	93382
Dahms	41438
Dahms K	14814
	41282
	41283
	50403
Dahms R G	6647
	16177
	25088
	34446
	43164
	52164
	93462
Danne J	91587
Dahnke	73443
Daiber F C	24343
Daiber G	80651
Daigo Y	64727
	80810
	91363
Dail H M	7291
Daily H	5705
	85075
Daines R H	39037
Dairy Industry Committee	25900
Dairy Industry Insurance Agency	86875
Dairy Marketing Conference	62100
University of Illinois	
Dairy Queen National Trade Association	70195
Dairyland Co-operative Association	70049
Dairyland Power Co-operative	35151
Dairymen's Co-operative Sales Association	44852
Dairymen's League Co-operative Association	87033
	8046
	8047
	35716
Daiwa Securities Co	26344
Daji J A	12291
Dakan E L	5469
	36803
	62999
	92987
Dakers J S	57406
	65555
	90755
Dakin W V	5037
Dakshinamurty S	61002
	61003
Dalal L H	68489
Dalaya H M	17897
	26245
	35695
	53799
	79051
Dalbro S	73828
Dale A	54443
Dale A C	61564
	86389
Dale E E Jr	12739
Dale F A	32183
Dale H M	828
Dale M R M	17550
Dale V M	47076
Dalene H	50112
Daley R K	83237
Dalgaard-Mikkelsen S	41795
Dalgety and Co	68045
	26345
	54087
Dalgleish D W	27614
Dalin A	58411
Dalin A D	58410
	61466
Dalisay A M	10090
	37283
	46598
Dall W B	54088
	70376
Dallas J W	46336
Dallas R K	7376
Dallas-Cope J	31975
	41408
	52071
	60814
	67087
	83535
Dallemagne M J	33927
Dallimore C E	602
Dallimore W	1920
Dalling Sir T	4017
	4018
	15152
	32316
	32705
	41796
	50826
Dalling Sir T	75849
	84331
	92270
Dallyn M H	89002
Dallyn S	62589
Dallyn S L	839
	21353
Dalmasso G	7724
	7725
	11779
	13080
	13081
	17739
	17740
	17741
	17742
	17743
	25791
	25792
	25793
	26452
	26658
	30062
	35467
	44667
	46244
	49867
	53625
	53626
	53627
	53628
	61920
	69788
	72125
	77939
	78872
	78873
	80333
	82253
	82927
	86713
	86728
	86729
	89051
	94640
	95162
	95648
Dalmat H T	77834
	52374
	52520
	50710
Dalmatov V A	7866
Dalrymple A J	35717
Dalrymple D B H	15410
Dalton J	44023
	44174
	68046
Dalton J D	30763
	49421
Dalton L K	14861
Dalton M L	62831
Dalton P J	51379
Dalvit G	71396
Daly J A	26346
	26347
Daly J M	822
Daly R F	37284
	37285
	37286
	46245
Dam F	62499
Dam J S van	66603
Dam W van	7966
	53925
Damanski A	64881
Damasceno I B	4456
Damasceno O	91537
Damaskin N F	32406
Dambach C A	14164
Damblon J	251
	19650
Dame	68930
Dame F	64532
Dame R B	77014
	86907
Damerius W	73956
Dameron L	17198
Damewood T N	53442
Damjanović Z	88627
Damley D K	4573
Damm H	70149
Damm L	18379
Damm W	37630
Dammann F	1801
Dammers J	16062
	23199
	24246
	24247
	32614
Damodaran M	72130
Damoiseau A	63702
Damon C P	14956
Damon S C	38518
	81092
Dampel' A Kh	1135
Dams T	79565
Damtoft W J	3176
Dana B F	56597
	57827
Dana D	18677
Dana R H	49304
Dana S T	41096
	66799
Dandoy A N	85814
Dané F	35806
Danell N	29646
	90290
Danelli S	19470
	55826
Dangeard P	28644
	28645
	28646
	28647
	28648
	29086
	29087
	29088
	29241
Dangl F	61718
	62677
Danguy A	65323
Daniel F	52767
Daniel H	58008
Daniel H A	3031
	31197
	40273
	58502
Daniel M	86565
	86644
Daniel P	74566
Daniel W H	1921
	40397
	55053
Danielsen D O	35468
	35469
	35470
Danielsen M	58649
Danielsen M B	31198
Daniels D G H	70705
Daniels F	12292
Daniels G	41956
	54767
Daniels J	55753
Daniels T L	18618
	87843
Daniels W F	70160
Daniels W M	63206
Danielson L L	21354
	74253
Danielsson B	73957
Danielsson C E	62489
	64728
Danielsson-Santesson B	39913
Däniker A U	28394
Danilenko A	49143
Danilenko I A	50981
	51858
Danilevskii A F	3434
Danilevskii A S	61176
Danilevskiĭ N V	23414
	67475
	76026
Danilʃuk S D	20286
Danilov A N	22327
Danilov E P	32356
Danilov M D	31624
Danilova A K	51138
Danilova L V	92597
Danilova M F	89953
Danish Milk Recording Societies	4753
Dankenbring R	16063
	32317
	41656
	68315
	83691
Dankers W	17551
	69516
Dankers W H	54768
	96045
Dankova M V	49563
Dann A C	18934
	46246
	71324
	71325
	80089
	95640
Dannecker K	14371
	22238
	41134
	41183
	58788
	75267
	75309
Danneel M	5591
Dannemann	62774
Dannemann R	10470
	10471
	63836
	71678
	86840
	87554
Dannen D L	26934
	45765
Dannen E V	66253
Danner M J	62832
	83135
Dannreuther T	16140
	77159
	78094
Dansereau P	28520
	81375
Dansette A	60131
Dan'shin T E	1169
	56797
Dansk Hedeselskab	11159
	89079
	96168
Dansk Piledyrkerforening	31517
Danske Kontrolforeningers Landsudvalg	84440

	Item
Danske Mejeri-foreningers Faellesorgani-sation Kontoret for Mejeri-Statistik	8335
Dansky L M	15784
	23817
	23834
	60081
	84809
Dantas B	56380
Dantas J G	62362
	73127
Dantas V	27718
Dantwala M L	27801
	27802
	63783
Danvig A M	13199
Danvig R	830
	1922
	34968
	47918
Dany A	70563
Daproza J	83650
D'Aquin E D	18650
D'Aquin E L	36741
	54710
Daragan L D	22482
	41334
Daragan N V	24374
Daragan-Sushchova A I	56798
Daragon J	25193
	61551
Darby B T	46182
	88326
Darby C T	93056
Darby G W	30207
Darby H C	37709
Darby J F	20083
Darby R B	30924
Darby R T	81308
Darbyshire Q L	42350
Darcel C L	76794
Darchen R	43710
Darcy R G	46583
Dardel M L	22795
Darden E B Jr	94158
	94159
Darden G	86426
Dardenne D	32913
Dari E M	55515
	63611
	87555
Darimont F	251
	252
	19656
Dark J C	16544
Darkis F R	36983
Darkshevich I A N	11160
Darley E F	11780
	29271
	47373
	64022
Darling C S	53814
Darling F F	67005
Darling H	72656
Darling H M	65837
Darling H S	6770
	24809
Darlington C	91127
Darlington C D	737
	80714
Darlington E P	68931
Darlow A E	76269
	92564
Darlow H M	16077
Darman A J	92740
D'Armancourt H	57102
Darmer G	47919
	65254
Darmon R	28206
Darnal E	57588
Darpoux H	11637
	19978
	19987
	23973
	81218
Darrah L B	9519
	10381
	15877
	26988
	44448
	63575
	95376
Darraspen E	4019
	22918
	92741
Darrow G M	13082
	30063
	30064
Darrow R A	65943
	66939
	74264
Darrow R W	22086
Darrow W	8975
	69517
Darsie R F Jr	43577
	43594
Darskaia N F	61291
Darsson L	76434
Darst E E	49246
Dartevelle E	11457
	94071
Darton D E	93057
Darton T H	93057
Darwin W N	75493
	83651
Das B	13781
Das B B	40982
Das B K	15345
Das B M	68730
	87711
	95230
Das D B	18076
Das J	15839
Das M S	15575
Das N B	54705
Das N R	83542
Das P K	14963
	55960
Dashiell G	23570
Dashkevich A V	78942
Dashwood F	69382
Daskaloff I	59144
Daskalov P	85724
Dasque	5854
	33714
	85239
Dasque G	41797
	43063
	51957
	59301
	93250
Dass B C	14597
Dass C M S	61042
Dassat P	32504
	67476
	93280
D'Assis-Fonseca E C M	34319
	52521
	77835
	93840
	93892
Dassler E	79336
Dastarac	25901
Daste P	253
	21574
Dastur N N	17898
	26189
	62136
Dastur R H	57157
	89954
Daszkiewicz I	24284
Datar G V	70918
Datar K B	48238
Date A	61703
Date Growers' Institute	57496
Datsevich M A	34756
	86450
Datt N S	15999
Datta A	89819
Datta C	926
	12518
Datta D	89819
Datta N P	90151
Datta R M	56682
	64617
	81414
Datta R N	14596
	14598
Datta S	2565
	4227
	4574
Datta S K	8450
	40996
Daubenmire R	3435
Daubenmire R F	72338
Dauberschmidt	58843
Dauberschmidt K	34969
Daubigne P	76575
Daubney C G	7535
	25662
	35292
	44497
Daubney R	4575
	23295
Daude-Bancel A	88628
Daugherty F C	84174
Daugherty J W	84861
Daugherty P M	78714
Daujat A	13919
	21672
Daulton A C	3105
Daulton R A C	3106
Daum K	38109
Daume H E	79019
Daunizeau Z	51859
Daunoy H L	13200
Dauphin	12604
	12640
Dauphin J	54444
	54445
	71096
	95163
Dautov A G	33979
	52225
Dautrebande L	77290
Dauwalder D D	65556
Dauzier L	68199
Da Valle A J	9474
Davalli G	32706
Dave R N	81939
Davenport C B	32826
Davenport D	60762
Davenport J H	94535
	94536
Davenport L R	4020
Davenport M G	53319
Davenport O M	56206
Davenport P M	63612
Davern H J	44526
Davey D G	83840
Davey J B	30065
	39871
	57497
Davey J T	24795
Davey K L	30208
Davey T H	68487
Davey V M	15073
	87357
Daviault L	16893
	68450
David A	5029
	60178
David C	8212
David J	5810
	87433
David R	32124
	41587
	47920
	50587
	73128
	75656
David W A L	16267
	68402
	77291
Davides U X	18233
Davides V X	86762
Davidian H H	56204
	56205
	80953
Davidov R	7867
	26146
	28217
	44978
	44979
	53926
	94747
	94748
Davidov R B	84175
Davidovich E L	32998
	51503
Davidow B	68511
Davids J N	401
Davids R C	10650
Davidsen O	79482
Davidsohn A	45766
Davidsohn I	45766
Davidson C B	54446
Davidson D T	30827
Davidson G	16764
Davidson H R	24246
	43004
	60397
	60456
	61565
	61566
	70781
	85172
	85196
	92271
	93196
Davidson J	10651
	56799
	69547
	82334
	87763
	88745
Davidson J A	18678
	26989
	55924
Davidson J B	41957
Davidson J F	28521
	56645
Davidson J G	49252
Davidson J H	2343
	28736
	56800
	65944
Davidson J L	32957
	42414
	51380
	67344
	92777
Davidson J N	5342
Davidson J T	19298
Davidson L G	91290
Davidson M	46781
Davidson R H	14246
	77923
Davidson R L	1339
Davidson R S	11781
Davidson S G	53002
Davidson T R	47624
Davidson W	38966
	57715
Davidson W A	27080
	28395
	88017
Davidson W L	54824
Davidson W S	94019
Davidsson B	50164
Davie C F	93130
Davie J	67899
Davie J H	12124
Davies A C	5433
Davies C	25194
	34757
	44043
Davies C N	7292
	16268
Davies D E	69006
Davies D M	23917
	50937
Davies D R	16256
Davies E	86217
Davies E B	14299
	21673
	47998
	74556
Davies F	83428
Davies J C	70196
	70197
	86841
Davies J G	39460
	48415
Davies J I	33501
Davies J L	7868
	55362
	95852
Davies L S	9405
Davies M E	47488
Davies P	69891
	94711
Davies P A	64183
	89378
	89820
Davies V	47134
Davies V C	58009
Davies W	1340
	1341
	12740
	46565
	48416
	48417
	81962
	90324
	90325
Davies W A	31375
Davila F	77320
Davin J A	23818
	42583
	60010
	84759
	92902
Davidsson I	302
	11638
	13554
	77200
Davis A B	44869
Davis A C	5922
	7457
	27740
	71646

	Item
Davis A G	1340
	48445
	57206
Davis A I	27870
Davis A M	57668
	90505
Davis A N	6596
Davis A V	76224
	23245
Davis B A	30209
Davis B H	21343
	81219
	93058
Davis C	58856
Davis C C	55187
Davis C E	31585
Davis C J	68643
Davis C L	67374
	76987
	77118
	84274
	92988
Davis C M	38074
Davis C O Jr	88181
Davis C R	5307
	51633
Davis C W	1923
	30210
	73958
Davis D	42836
	67951
	84860
	89586
	95938
Davis D E	25121
	74449
Davis D F	51477
Davis D R	37752
	71774
Davis D W	52354
Davis E C	46982
Davis F	46782
Davis F E	9188
	13679
Davis G K	4457
	5387
	32232
	33356
	33710
	41705
	42050
	42704
	50711
	60071
	60073
	76168
	76797
	82822
Davis G N	49144
	57826
Davis G T	17450
Davis H A	8355
	11458
	72373
	88047
Davis H M	21490
Davis H P	32889
Davis H R	53334
Davis J	19415
	27187
	59980
	63667
Davis J A	8451
	45159
Davis J B	12731
Davis J E	77201
	83321
Davis J F	7377
	35148
	39606
	44337
	58120
	58247
	91139

	Item
Davis J G	70109
	78962
	86842
	86984
	95375
Davis J H	6119
	6120
	10866
	20741
	46061
	56101
	66054
	71949
Davis J I	88213
Davis J J	6771
	16178
	16485
	52072
	93383
	93428
Davis J W	71624
Davis K C	55516
	71579
Davis L	17620
	61747
	61748
	61782
Davis L D	794
Davis L E	2552
	17669
	40171
	44078
	44079
	61447
	62590
	63307
	70861
	74149
	78444
	79483
	95297
Davis L G	4458
	54447
Davis L H	402
	27439
	62516
	64419
Davis L L	8226
	8837
	17744
	69548
	78726
	78736
Davis L M	17924
Davis L R	84275
	84276
Davis M B	12345
	66676
Davis N	80652
Davis N P Jr	13555
	13630
Davis N T	93992
Davis O S	15819
	42652
	68047
Davis P H	80954
Davis P O	1342
	19302
	80755
Davis P W	14177
	75411
Davis R	63703
Davis R A	8843
Davis R B	45160
Davis R B Jr	7151
	7593
Davis R E	67291
Davis R H Jr	59634
Davis R J	72338
Davis R L	5230
	76736
	81776
	84033

	Item
Davis R R	1343
	57922
	58200
Davis R W	36638
Davis S	2996
	74715
Davis S H	11782
	38566
Davis S H Jr	303
	7058
Davis S P	8509
	18181
	45153
Davis T	11458
	41622
	72373
Davis V H	2855
	14022
	21674
Davis W	45335
	56801
Davis W C	29812
	39570
	48562
	81861
Davis W D	88698
Davis W K	9019
Davis W S Jr	3033
	74839
Davison B K	71120
Davison D C	39038
Davison H	96086
Davison J R	2736
Davison R M	56802
Davison W	9908
Davitaia F F	20972
Davletov A	31398
Davtian A	22744
Davy de Virville A	89422
	19858
Davydenko P	9909
Davydov A V	58804
Davydov K	10360
Davydov M	21847
Davydov P N	11783
	38666
Davydov S	26781
Davydov S G	50663
Davydova L P	23606
Davydova N P	60294
Davydovich S S	1517
	29694
	47492
	57065
Dawdy M L	51169
Dawe C V	19165
	27800
	37187
	46468
	54981
	63566
	69659
	80256
Dawe T C R	74150
	78519
	82488
Dawkins H C	28522
	75213
Dawsey B W	59945
Dawson C D R	21243
Dawson E	7650
Dawson E H	62591
	79850
	80653
Dawson E Y	39931
	72404
	72417
	81376
Dawson F L M	4576
	15411

	Item
Dawson F T L M	42132
Dawson G T	74270
Dawson G W P	38967
Dawson H	94455
Dawson J A	10260
	62497
	70546
	78536
	80015
Dawson J C	53533
Dawson J L	79256
Dawson J R	76235
Dawson L E	18678
	26989
	45859
	54783
Dawson L S	77919
Dawson M D	65090
Dawson N	22206
Dawson R B	21054
Dawson R C	74442
Dawson R F	36984
	48151
Dawson R W	77693
Dawson W O	87790
Dax P J	29545
	54448
Day A W	13201
Day B E	29242
Day C	4754
Day C L	34874
	39327
Day E E	10652
Day F H	60815
	77694
Day F T	44527
Day G H	44746
Day H	8616
	20882
	82961
Day H R	10269
Day H W	29921
Day J W	92770
Day L H	603
	13038
Day M F	6648
	6843
	61043
	78220
	85021
	85797
Day M W	59058
	75268
Day P R	40398
Day R	7094
	24503
	39872
	40571
	40784
	58378
	66196
	91364
Day R J	32505
Day V F P	48943
Day W C	52880
	76831
	84903
	84904
Daye V L	40785
	82335
	91392
Dayharsh C A	7729
	25794
Dayton D F	30014
Dayton W A	13556
	47231
Daza D M	82823
Daza R P	27457

	Item
Dazur C v	68103
De B N	2824
De M L	94161
De P K	91189
De S	25948
	62004
De S S	13995
	90083
	95352
Deacon C R	59870
Deacon R O	95966
Deal E C	69789
Deal J F	59596
	76204
	76205
	76206
	76228
Dean A L	33092
	33511
	51762
	68188
	76948
Dean B H	4021
Dean F W	31586
Dean G	14652
Dean G W	75051
Dean H A	34447
	93950
Dean J H	62363
	86614
Dean L A	13774
	21539
	49603
	49604
	58104
	58119
	74452
Dean R F A	11118
Dean R W	16994
	60912
Dean W T	78615
Dean Guelbenzu M	61921
	87358
Deane D D	79000
	94834
Deane J R	17745
	45610
Deans A S C	33980
	43293
Deans J H	4985
Deans R	26850
Dearborn C H	82551
Dearden D M	16681
De Armond J A	7726
Dearness J	11818
Dearstyne R S	15714
	42744
	42745
	79843
	79844
Deas D W	84053
Deas S P	50404
D'Easum C G	58412
Deatherage F E	26248
	26850
	78721
Deay H G	6752
DeBach P	16179
	34449
	34449
	43149
	43642
	60532
	61044
DeBaun R M	3612
	3613
De Beaumont M	4986
De Beausset V S	74932
De Beer J A	93059
Debenham F	31084
Deberdt A	77845
DeBerry H H	87556

	Item
Debets H N J	20973
DeBeukelaer F L	9189
Debney E W	56965
Debode A	70782
	79257
De Boer H W	72374
	72375
De Boom H P A	42156
Debor H W	20836
Debor W	20837
Debouteville C D	2522
	43908
	78258
Debraux G	12134
	12315
	29091
Debrus J	90756
De Bruyne N A	22610
Debuisson J	30211
	82336
	90757
Debye P	86543
Decamp C E	76529
Decarie I S	58899
Decastro V	2434
	35471
	44668
Decelle J E	52420
Dechambre E	41918
Dechary J M	87844
Dechentreiter J	78451
Dechering F	30714
Dechering F J A	30764
Deck E M	79129
Deckbar F A Jr	87845
	87879
Decken H von der	53580
Decken-Laack H von der	8976
Deckenbrock W	36343
	93749
Decker C W	17963
	26141
	79087
	94830
Decker D	21065
Decker G C	6001
	6041
	53475
	61792
	68971
	94050
Decker J P	22299
Decker J S	1924
	21066
	57669
	82337
Decker K	1802
	21675
Decker L	15346
Decker M	26990
Decker P	64327
	73520
Decker R E	57132
Decker W L	56381
Deckert	79337
Deckwer N	5662
	51182
DeCoursey R M	24796
	78221
Decoux L	1518
	2850
	7059
	78337
D'Cruz R	39974
Dedonder R	48152
	70525
Dee C E	5038
Dee T P	83159
Dee W E	13792
	29695
	29696
	48418
	49605
	65091
	65092
	81963
	81964
Deegan J F	44448
Deems H W	55642
Deer J A	4022
	5800
	6354
	6516
Deering A L	10653
	10655
Deering F	80541
Deering F J	18844
	37050
	37930
	40866
	72225
Deering R B	90506
Dees L	77372
Deeths A	67804
Deetjen	9746
	10035
	10656
Deetjen H	27942
	55342
	94823
Deewall O	92681
Deffner U	58991
	79928
Deflandre G	89423
Defore H	35956
	87192
DeForest F	90758
DeForest S S	25522
DeFrance J A	1925
	2344
	49253
	74254
	81965
Defrance P	23490
De Garmo E P	78444
Degelius G	89445
Degenaar S A	48209
Degener O	28623
Degener W	5231
	68306
Degenhardt G	78445
	78446
Degering E F	9656
De Geus L H	45161
De Give M L	96147
DeGoede H J	82338
Degois E	85143
De Graaff J	21067
	73959
DeGrace L A	50291
DeGraff H	7425
	9190
	10153
	18499
	26782
	26783
	35343
	37051
	37287
	44853
	44854
	44947
	46247
DeGraff H	53521
	62292
	63567
	69518
	70308
	70309
	70783
	71397
	79198
	82824
	86952
	87926
De Gryse J J	85346
Degtîar M îA	27112
Degtîarev G V	32707
Degtîarev V	44188
	53168
	53179
Degtîareva A	63489
De Guerin B C	8048
	15257
	53705
Deh F T	93573
Dehaas G G	75581
DeHart D H	21676
	57207
Dehm A	7727
Dehm J E	74927
Dehmel A	36914
Dehn U v	3588
	50505
	58998
	67054
	75412
Dehn W	44796
Dehner	4891
Dehner O	15576
Dehnert	91638
Deiana S	15143
	33505
Deichmann W B	33921
Deighton F C	28674
	31199
	56547
Deijs W B	22796
	42245
Deimontovich B I	39647
Deinse F van	76270
Deissenberg C	54089
	82766
Deitschman G H	31120
Dejean	11033
	55906
De Jong P	72657
	74840
	83060
Dekaprelevich L L	20538
Dekker K D	36915
	54885
	79929
	95496
Dekker L P van der M	63934
	72131
	87055
Dekker M J D	54885
	79929
Dekker P	1733
	13083
	30212
	30213
	30420
	39805
	39975
	40172
	48839
	48944
	57528
	57529
Dekker P	65324
	65419
	65420
	65557
	65838
	73814
	90623
	90624
Dekker W J H	45611
Dekker W J M	19477
De Klerk J C	15969
	45162
Del Bo D	37733
De la Cerna P	41214
Delacour J	90759
DeLaCroix C	10657
DeLaCroix Mrs C	10657
Delacroix J	17978
De la Cruz E	83238
Delage	75760
Delage M J	59174
Delahanty D D	4577
	5039
	42463
	75850
	76271
	83841
	92832
Delahaye G	10658
Delahunt D G	26558
Delalande G	69223
Delamare J L	7728
Delamare-Debouteville C	34697
	86077
Delamater E	56681
DeLamater E D	12125
	29089
Delanoue P	61045
Delany L	83842
Delaplane J P	68071
	76764
	76795
Delasnerie J	7204
	10659
	17227
	30727
	44080
	44175
	52937
	52938
	52939
	61342
	69491
	82928
	86257
	86341
Delatouche R	28060
Delattre R	63042
Delauney G	4578
Delaveau	54089
Delaveau P	29243
Delavergne M	51958
Delaware	42746
Delaware Poultry Improvement Association	
Delaware State Board of Agriculture	19599
Delaware State Forestry Commission	41043
Delboy E	17552
Delcourt R	11239
Delcure T	10267
Deleau	18380
	25693
Délégation Française sur les Causes de la Haute Productivité Américaine	95708
De Leon D	60816
	64328
	77202
Delepouve A	30651
D'Eleusis C	40399
	46953
	49390
Delevoryas T	47156
	80893
	80894
	80906
Delfs H	87022
Delfs J	50432
Delfs-Fritz	80756
Delgado E	66800
	83429
Delgado J M	93060
Delgado M M	4023
Delgado M N	16545
Delgado Rodriguez M	74450
Delgardo T	48945
Delhaye R	2303
	56598
	89691
	93704
Delhaye R J	738
Delille	71814
Delille J	7869
Delindati G	54335
	55937
	69726
Delinikaitis S A	31085
Delisle R	14452
	14487
	18762
	19090
	50390
	71732
	91900
Delitala A	54353
Delitala G	15143
Delizo T	22328
	83171
Delkeskamp K	6431
Delkin F L	82339
Dell A	24223
	45767
	60204
	67958
	76169
	93061
Dell R A	25566
	61655
DellaMonica E S	54019
Dellepiane Galli A D	4284
Del Lungo A	31086
Delmas	16978
	86027
Delmas H G	39797
	73803
	82209
Delmas H S	82208
Delmas J	40436
Delmas L	23212
DeLoach D B	26522
	36219
	70050
	79392
Delong A	73521
DeLong D M	43685
	61046

	Item
DeLong D M	68731
	77836
	77837
	77983
	93384
De Long E	62517
DeLong G E	60499
DeLong H H	34875
DeLong W A	56963
DeLorenzo W F	20287
	81512
Deloustal J	89584
Deloye	64968
Deloye M	8694
	10036
	10660
	10867
	49961
	83994
	90231
Delp C J	8838
Delphey C C	20893
	65376
	90583
Delplace	71539
Delplace E	68732
Delpy L P	4579
	84277
Delta Council	71398
	71399
De Lucca C	16979
Delucq	43779
	10270
	29496
	31294
	46134
	87557
Delvaux G	80467
Delveaux L	17964
Del Vecchio H W	7729
Delver P	25794
	831
	30925
	40450
	47921
	65839
Delvi M H	11940
	38764
Del Villar E H	40541
Delwiche C C	1037
	64882
Delworth C	13202
	30214
	65558
Demarchi J	42940
Demaree J B	304
	20084
	30063
	38776
	64533
Demaret F	56294
Demaria Massey D	2673
DeMarinis F	34320
Demarne M	51356
Demars L	80375
Demarteau H	84278
Demarty P	43294
	85489
	92856
Demchenko A V	51851
	85129
DeMeillon B	16765
	16766

	Item
Demel J	30421
	74228
Demelle	37931
DeMello G C	51399
DeMent J D	58248
	74563
	66423
Dement'ev P	35718
Dement'ev P I	31689
Demerath F	44747
Demers J M	84802
Demesmay H	82489
Demeter	44797
Demeter K J	53927
	62059
	69981
	70198
	70199
	70200
	70201
	87056
Demetradze T IA	89918
	89955
Démétriadès S D	19948
	19988
	20045
Demianovskiĭ S IA	6889
	6890
	25111
Demidov S	27458
	37288
	48210
	94936
Demin A V	61673
Demin M A	75214
Deming G W	38665
Demiruren A S	18077
Demkin A	20632
Demkin A P	48354
	90326
Demling L	4024
Demmel M	4025
	32318
Demmler G	69982
Demmon E L	14326
	22084
	31332
Demnitz	41798
Demnitz A	22919
	32319
Demoise C W	80864
DeMoisy R G	14760
	32073
	41524
De Mol W E	39039
	39040
Demolin J	7730
Demolon A	13793
	21677
	30796
	40641
	47922
	66174
	82693
Demortier G	2737
DeMoss R D	20445
Demott B J	26147
	26148
Dempsey A H	40173
Dempsey M	95259
Dempsey P W	52940
	74674
Dempsey W H	682
Dempster E R	5166
De Munn M	45091
Demurov M	26149

	Item
Demuth R P	52768
Den Boer A F	13203
Dencker	5106
	15698
Dencker C H	6967
	34876
	79566
	86135
	86136
Dene R V	30215
	30216
	39976
Deneke D	63269
Denffer D von	29244
Dengg O	6121
	16339
	24504
	33981
	56803
Dengler H P	21355
Dengler H W	22699
Denhardt B	92800
Denhardt R M	36188
Deniel J	53295
Deniger L R	69492
Denis	92833
Denis J	24685
	43377
	77605
	85557
Denise J	56140
Denisen E L	30520
	48840
	57923
	57924
Denis'ev V I	58916
Denison F C	48607
Denisov A K	31625
Denisov G	26037
Denisov I F	31399
Denisov N I	59175
Denisova G	20143
Denizet P	10271
Denizot	21651
	30752
	49422
	49423
	49568
Denizot H	82685
Denk W	32008
Denks	13851
Denks K	95920
Denlinger M G	3847
Denmark	14419
Direktoratet for Statsskov-bruget	75166
Denmark Indenrigs- og Boligministeriet	95610
Denmark Landbrugsraadet	11161
Denmark Landøkonomisk Forsøgslaboratorium	92368
Denmark Landøkonomiske Driftsbur	18935
	27719
	46469
Denmark Landsudvalget for Fjerkraeavlen	5142
	67959
	76869
Denmark Statens Biavlsforsøg	33982
Denmark Statens Forsøgsmejeri	44980
	53975
	69260

	Item
Denmark Statens Forsøgsvirksomhed i Plantekultur	305
	2345
	3874
	8839
	13557
	20652
	28862
	64329
	64969
	65050
	65093
	65094
	65252
	65840
	65945
Denmark Statens Husdyrbrugsudvalg	24224
Denmark Statens Forsøgslaboratoriet	33981
Denmark Statens Plantepatologiske Forsøg	28737
	47374
Denmark Statens Planteavlsudvalg	29146
Denmark Statens Redskabsudvalg	61343
Denmark Statens Skadedyrlaboratorium	55961
Denmark Statens Ukrudtsforsøg	49254
Denmark Statistiske Dept.	9880
	9910
	18936
	25747
	25748
	27328
	55827
	78844
	80715
Denmark Statsfrøkontrollen	71097
Denmark Udenrigeministerium	80715
Denmark Veterinaerdirektoratet	15153
Denmead C F	25573
Dennes W R	10661
Dennett L C	45713
	46954
	46955
	47077
Denning D G	17149
	34698
	69029
Denning H	63945
	72107
	79812
	80691
	86645
Denning H W	45270
Denning S L	38075
Dennis C B	60662
Dennis C J	77940
Dennis H A	63156
	88932
Dennis J	84295
Dennis N M	34232
Dennis R W G	254
	281
	19870
	47336
	64294
	89446

	Item
Dennison R A	8667
	60071
	60073
	79367
	79484
	79485
	79507
Dennison R H	2346
Dennison R W	94979
Dennistoun R M	10382
	10404
	10405
Denny B C	55363
Denoël A	73319
Denon R	18571
	49868
	87212
Denoy I	57102
	65001
Denoyer P	29975
Dent J	15686
Dent R S	67817
Dent S	39328
Dentler M	89003
Denton A R	7617
Denton C A	68013
	71021
	33214
	33215
	51628
Denton W	51635
	21068
	48946
	65559
Denucé J M	90760
	34684
	43866
Denux P	7031
DenUyl D	3393
	14420
Denward T	50712
Denyer R C	74564
	5801
	67732
Denzler B	22920
Deodikar G B	89890
Deom J	52170
Deonier M T	2221
Depape G	28379
DePape J G	51908
Depardon	58249
	86730
Depardon L	57589
Deperraz A	19404
DePew H F	53862
	53928
Depocas J C	80606
Derbal Z	59176
	59486
Derbaremdiker D	48355
Derbina K	4274
Derbina K A	84051
Derby H A	53815
Derby J R	16340
Derby T H	9318
Derecho C	46610
Derevefskii K K	45980
Dergachev I A	1926
Derflinger E R	42133
Deribère	832
	87558
Déribéré M	5434
DeRice H A	17451
	50548

	Item
Derick R A	39329
	81837
Derico T R	57925
Dering E P	49106
Derivaux J	5822
	50827
	75753
Derkenne J	44981
Derkunskaîa M D	30066
Derlitzki	86137
Dermanis P	65111
Dermen H	20155
	64663
	64664
Dermer G	38965
Dermine	57530
Dermine E	13039
	13040
	65421
Dermott W	56854
De Roberts E	4580
De Ropp R S	833
	11963
	12293
Derose H R	21356
Derr H J	41215
	91777
Derraugh R V	77195
Derrick W W	87697
Derscheid L A	834
	29245
	29246
	39041
	47923
	56804
Derteano Urrutia C	46913
	54090
	54091
	55188
	63368
	80218
Dervichian D G	64544
Dervisije V	86138
Derx H G	38519
	56328
Derzelle E	15413
	15412
Desai B P	25560
Desai B R	26348
Desai K K	23200
Desai M B	18937
	88327
Desai M K	835
Desai N K	19175
Desai S V	13764
	40492
	49526
	74650
De Sarkar B K	56682
Desautez	62899
Desaymard P	96169
Desbois A	56368
	68732
Desbordes	79930
Descamps A	54953
Descartes de Garcia Paula R	83554
Desch H E	14453
	14815
	15019
	31992
	31993
	83566
Deschamps C	23201
Deschapelles A	74640
Deschepper D H	44312
Deschepper H	25464
Deschreider A	87353
Deschreider A R	62678
Desclaude G	26150
	29546
	90327
Descole H R	80955
Descotes P	59008
Deselaers	23563
	32506
De Selm H R	72922
Desfarges P	14826
	32009
	34233
Desforges J	67203
DeShazo C	61817
De Shazo Mrs C N	37932
Deshotels I	8977
	8978
Des Iles T A	26832
	50938
De Silva C A	82608
De Silva E	20884
De Silva G B S	31055
Desirant J M	26000
Desivojević P	93574
	93575
Desliens L	23296
	33039
	33040
Desmangeot L	44564
Desmarais Y	80956
Desmet F	25987
Desnuelle P	59964
	70965
De Sola R	50713
Desole L	81415
DeSoto R	53629
Desouche	31662
Desoutter J	23677
	96087
Desowitz R S	33270
Desplanque C	31087
Despard C L	63270
Desportes P	88933
Desprets P	8540
	70441
Desprez V F	29845
Desranleau J M	7548
Desrosier N W	62557
	86660
Desrue A	93311
Desruisseaux G	68086
Dessauer F	27459
Dessens H	47105
Dessi G	95709
Dessureaux L	683
	1344
	1345
De Stevens G	3613
	3794
	75691
	79931
Deszyck E J	31162
DeTar J E	47949
Detcher T E	3696
Dethier V G	60913
	34321
	85725
Dethlof A	87057
Detjen L R	39977
Detœuf P	61344
DeTray D E	4652
Detroux L	54311
	93537
De Trude L D	53507
Detry E	60205
	68104
Dettbarn-Renkenhagen	75109
Dettmer F	54259
Dettweiler C	89956
Dettwiler E	18859
DeTurk E E	56913
Detweiler D K	32914
	51381
	59838
	67900
Detwiler R W	5143
Deubler M J	67901
	76637
Deuel H	44419
	82667
	82694
Deuel H J Jr	28164
Deufel J	12294
	20189
Deulfâ K S	42910
Deulin G M	81966
Deullin	26510
	95054
Deullin R	26511
	54260
Deurr W A	41095
Deuse P	627
Deutsch J	89108
Deutsche Gesellschaft für Holzforschung	91551
Deutsche Landwirtschafts-Gesellschaft	37797
	88860
Deutsche Landwirtschaft G m b H Zentrale Markt- und Preisberichtstelle	86566
Deutscher Forschungsrat	7602
Deutscher Raiffeisenverband	46783
Deutscher Weinbaukongress	94641
Deutsches Wirtschaftsinstitut	55828
Dev S	70966
Devadas R P	11034
DeVane E H	1155
	58201
DeVay J E	87560
Deve F	26512
Deveaux	75110
Dever D A	6772
	52082
Dever G B Jr	95063
	95064
Deverall R	9911
	55099
Devereaux H J	35957
Devereune A	55364
	88469
Devès J	8840
	18314
	26575
Devet D D	91870
Deveza M C	54186
Devîatkin G	36489
Devîatkov A	37477
Devîatov A S	57531
Devich A C	12385
Deville J	7293
	61614
	61646
	69414
Devillers P	17670
De Villiers D J R	54347
	62554
	87467
De Villiers G D B	49391
De Villiers O T	42134
Devilliers R	61922
Devin P T	8979
Devine E S	78447
	94312
Devine J	3602
	3603
	41442
Devis R	51767
Devisschere J	5802
DeVita J	84552
Devitt A B	13680
Devitt J J	68946
Devlin C E	41598
Devlin S	8453
	86519
Devlin T P	5107
DeVoe E T	22262
	42135
De Voe G W	80260
De Volt H M	5308
Devos A	5312
	5313
De Vos M P	12126
Devos P	18763
DeVoto B	3507
	82962
De Vout A W	9361
Devreux A	45503
	69790
De Vries E	9776
De Vries G B	65560
De Vries J P	38280
Devuyst A	93281
De Waal P E	9802
D'Ewart W A	72036
Dewberry E B	70826
Dewe W	53863
Dewees M	2693
DeWerth A F	13204
	16180
	57670
	90761
	90762
D'Ewes D R	21933
Dewes T D	18381
	26659
De Wet W J	86028
Dewey A M	13205
Dewey A W	54923
	54924
	95561
	95562
	95563
Dewey D H	95111
Dewey J	52522
Dewey J M	21848
Dewey T E	19422
Dewez J	1285
Dewez W J	10037
De Whalley H C S	79932
Dewick A J	34573
Dewisch F	52703
Dewit J	119
Dewitt D S	59009
De Witt K W	44669
Dewitz-Cölpin F	4847
DeWolf M R	53466
De Worms C G M	16980
	61177
	61178
	68932
Dexter K	69090
Dexter L F	95210
Dexter R W	12060
Dexter S T	39607
	39612
	62293
	75754
	79486
Dey A C	1033
Dey B B	1038
Deyell J	52226
Deyell M J	6122
	60663
	87692
Deyhimi S	23618
	33041
Deyoe G P	27943
	43096
DeYoung F	59040
Deyras O	15878
	41706
	59635
	77203
	85347
Deysher E F	17899
	53764
Deysson G	12295
	12311
	64729
	64798
	73146
	73195
Deysson M	12311
	38898
	73146
	89957
Deza M I	39042
Deza S R	3218
De Zeeuw D J	28900
	72623
	72699
	81220
De Zoete & Gorton	35472
Dhamaney C P	75562
Dhand A D	91158
	91510
Dhanda M R	51826
Dhande G W	533
	535
	56584
Dhar D C	44498
Dhar M L	90143
Dharampal R	42136
Dharmani L C	2738
Dharmani P L C	59576
Dharmarajan C S	17898
Dhawan C L	66119
	91158
	91159
	91510
Dhekne V V	45932
Dhelens L	39718
Dhien R	89379

	Item
Dhingra D R	6028
	18078
	26944
	54721
	54240
	62900
Dhingra S L	84441
Dhopeshwarkar G A	95112
D'íachenko A E	91890
D'íachenko P	25977
	25978
	26152
	35807
	94749
	94768
D'íachenko P S	41799
D'íachkov I N	36639
D'íachkov N A	24249
	51888
Diachun S	56453
Díadíun R M	39462
D'íakonenko I	45612
Diakonoff A	19638
	52769
	52770
	61179
	61180
	68933
	94072
D'íakov A B	32971
D'íakova G A	38780
Dial W R	85441
Diamond W	95591
Diamond W T	22797
	95710
Diana A	66499
Diana E	34322
Dianderas Luna S	86101
Diani A	7731
	9747
Diannelidis T	89821
Dianov M I	2176
Dianov V A	37022
Diapoulis C	89294
Dias A R	77204
Dias E	24921
	34450
Dias H	20108
Dias H F	72837
Dias J A T S	23094
	24686
	33376
	60763
Diatchenko P	26079
Díatlova O	94302
Díaz A	10383
Diaz L	63704
Díaz Berrio M	45768
	88968
Diaz de Mendivil J M	65841
Diaz del Pino	39330
Diaz del Pino A	64970
Diaz Galindo F	32179
Diaz Hungria J	88328
Diaz Montilla R	93131
Diaz Najera A	68862
Díaz Pérez L	18382
Diaz Romero E	29824
Diaz Ungria C	4026
	23619
	43064
Diaz Ungria J	95592
Díaz Vial C	14165
	49985
Dibbel C B	4867
Dibbern H	9912
	62190
Dible W T	39044
Dibner V D	11459
Dichter E	26038
	53816
Dick A	23727
Dick A M	27053
Dick A T	48153
	60336
Dick E A	38548
Dick G M	67153
Dick I D	32320
Dick J	52851
	93385
Dick J B	39414
	64504
	65051
	72762
Dick J R	23910
	85260
Dick M	16
Dick M H	32010
Dicke F F	12194
	81838
Dicke R J	5923
	6517
	33922
	34170
Dickens D	44445
Dickens J S	88470
Dicker G H L	77941
	93951
	94073
	94074
Dicker R	8454
	18079
Dickerman M B	66846
Dickerson G E	85173
Dickerson L B	56064
Dickerson M S Jr	87923
Dickerson R	35256
Dickerson R B	10662
Dickerson R L	58413
	66500
Dickey E F	8356
	8357
	15154
	45092
	45093
	60485
	62294
	68352
	69634
	69635
	79199
	85285
	94896
Dickey J B R	21618
	40642
	44249
	59177
	81839
Dickey R D	65561
	65800
Dickie F	58650
Dickie J	44565
Dickinger F	74565
Dickins D	9847
	10663
	36561
	69415
	72132
	78745
	86427
Dickinson C D	15771
	76731
Dickinson C I	64295
Dickinson D	94580
Dickinson E B	1346
Dickinson H	7005
	17452
	78587
	86428
Dickinson S B	3141
	14265
Dickinson T A	9298
	14562
	67146
	75553
Dickison W	34949
Dickman I I	22700
	74052
Dickson A D	8980
	26650
	78899
	78911
	81846
Dickson D	13084
Dickson J G	47480
	64438
	89610
Dickson J L	24145
Dickson J T	8100
Dickson L	46784
Dickson R C	52771
	43643
Dickson R W	46470
	68170
Diddel M W	28624
Didenko A N	33377
Didier A	26039
	69892
	70203
Didier C	6123
Didierjean R	31464
Didkovskaíâ M K	23202
Dieball H	78338
Diebold C H	14166
Dieckert J W	23819
	68000
Dieckmann K	40643
Dieckmann M	42747
	45843
	61567
	69155
	84976
Dieckmann W J	19521
Diederich J	88385
Diederichs H	67268
	69441
	78014
Diedler-Heinersdorf C	91511
Diego Fanti O	27054
Diego Samper L de	71278
	71580
Diégues Junior M	9657
Dieguez Castro J	403
	64330
Diehl R	64971
	65095
	73474
	73666
Diehl W W	11784
	38520
	38667
Diehm	50312
Dieken G	37798
Diel J	6649
Diem J J	43259
Diemair W	7458
	7603
	17568
	35473
	53411
	73320
	87471
Diemer Johannsen J	2739
Diener	79258
Diener H O	24114
	24193
	45163
	55455
Dienst K	54449
	54450
	87561
Dienstmann U H	9341
Dierchen W	87562
	87563
Diercks Viteri B	39657
	72226
	80865
Dierick G F E M	16269
Dierks K	44748
Diernhofer	59623
Diernhofer K	4214
	4414
	59636
	60457
	67612
	67733
	84279
Diesel A M	59302
	84280
Dieselhorst A	77373
Diesen E	3697
Diesslin H	88182
Diesslin H G	46093
Dieter	84656
Dieter C E	50002
Dieter R	59452
Dieterich	22239
Dieterich V	40997
	41044
	50081
	91696
Dietrich	84281
Dietrich A	4581
	41482
	94771
Dietrich H	64112
Dietrich I W	42846
	85003
Dietrich J P	92682
Dietrich K R	53534
Dietrich L S	50883
	51585
Dietrichstein H	13085
Dietrick E J	16179
Dietriech J	79638
Dietz A	24321
	77137
	83692
Dietz A G H	41483
	75549
Dietz A T	27709
Dietz E F	58548
Dietz F	86451
Dietz G	33983
	52227
	60664
	77374
	77375
Dietz G J	96088
Dietz P M	72836
Dietz R	8981
	30926
	36344
	49342
	79567
Dietz S M	404
Dietze von	38034
Dietze C von	27803
	55600
Dieuzeide R	88131
	88132
Diez Canseco B O	1286
	2907
	39415
	47924
	57158
	58250
Diez Canseco R O	13920
	13921
Diez Rodriguez M	44749
Diez Rodriguez y Feliz E	50664
	67227
Diffenback G G	53817
Digby M	37933
Diggle W M	6042
	24438
Dighe P Y	72273
Digilio A P L	81093
Dignan E J	71236
	88183
Dignat J	9264
	93161
Dijck D van	8695
Dijk B van	10495
Dijk D C van	74502
Dijk J van Jr	38880
Dijk L J van	10038
	27460
Dijkema A R	22798
Dijkman M J	49343
Dijkman N	13206
Dijksterhuis H P	36695
Dijkstra F	69989
Dijkstra G K	80757
Dijkstra H	46471
Dijkstra J M	4582
Dijkstra N	92529
Dijkstra N D	3875
	22799
	23199
	32614
	50714
	75755
	83747
	92194
Dijkstra S J	28396
Dikin S V	34817
Dikeman N J Jr	54131
	70420
	87236
Diker T	89747
Dikmans G	4583
	42942
	59637
	93386
Dikovskiĭ F F	40493
Dilanían Z	94750
Dill H W Jr	58167
Dillard E U	50199
Dillard N L	27944
Dille J M	58504
Dillemann G	739
Diller O D	2678
Dillewijn C van	48608
	73129
	73667
	89585
Dillner	83995
Dillon C E	26819
Dillon C L	92903
Dillon E S	52421
	68644
Dillon F	27896
Dillon F C	57498
Dillon G W	78623
Dillon J C	41263
	83438
Dillon J H	35958
	94937
Dillon L S	52421
	68644
	85558
Dillon M	85626
	6968
	14302
	19091

	Item
Dillon M	25195
	32507
	46448
	61416
	64972
	86198
Dillon Mrs D J	79041
Dillon O A	14167
	63705
Dillon R	44003
	49606
Dills L E	52171
Dimbleby G W	81551
Dimick K P	26576
Dimit B H	80541
Dimitropoulos E	15258
	92414
	92415
Dimitrov G M	46248
Dimitrovski N	86139
Dimler R J	79826
Dimmick I R	28173
Dimmick R S	31772
Dimmock F	65233
Dimmock G M	2647
Dimo V N	61426
Dimond A E	323
	528
	11660
	28863
	36696
	38777
	64569
	72570
	89586
Dine W C	5798
Dingayan A B	5232
Dingenen F van	78537
Dinges H R	30927
	71625
Dingler M	60817
Dingley J M	11589
	38521
	72474
	81137
Dinglinger E	67064
Dini D	12605
Dini G	26935
Dinkla P E	44150
Dinning J S	51763
Dinsdale D H	10384
	46472
	55456
	55457
	88571
Dinnsen R L	63706
Dinsmore J R	59839
Dinsmore R P	95431
Dinsmore V J	62364
Dinsmore W	15664
	59178
	92872
Dinter A	75167
Dinter Z	4967
	76814
Dinther J B M van	24988
	60546
Dinusson W E	4081
	16086
	33560
	50846
	51914
	60416
	77071
Dion H G	12368
	74927
Dion J H	71681
Dion W M	39225
Dionigi A	12606
	49607
	56805
Dionne G	4837
	13558
	23476
	59814
Dionne M A	42893
Dioset	6124
Di Paolo J A	24797
Dirjanski L	88531
Dirk Dejonge L	76027
Dirkes H J	94712
Dirks S F	84657
Dirks V A	64987
Dirsh V M	6844
	17118
	34654
	92415
Dirven J G P	82087
DiSalle M V	9324
Diseker A G	68170
Disney F J	78478
Dispons P	16815
	16816
Dishaw O W	51768
	60301
DiStefano V	43260
Distilled Spirits Institute	3876
Distillers Feed Research Council	70310
Ditges H	2740
	70564
	95034
Ditman L P	60547
	68645
	85726
	93841
	94068
Dittemore P L	55829
Dittes H	33486
Dittloff-Suderberg	71400
Dittman W J	21069
	73960
Dittmann G	86843
Dittmer C G	71766
Dittmer H J	12061
Dittrich E	46062
	55612
	71682
	88722
Dŭkov N N	64973
Divac N S	93576
	95209
	96205
Divakov A	36640
	62862
Diveev R B	59899
Divo A	15414
	15420
	41800
Diwakaran K	89891
Diwan N D	532
Dix	1803
Dix J F C	30217
	48947
	48948
	57671
	57672
	65562
	90763
Dix O	4027
Dix W	73044
Dixey R N	55189
	79200
Dixit P B	19092
Dixit S G	15821
	76796
Dixon C M	96139
Dixon E	87348
Dixon G H	69506
Dixon H M	44449
	61749
Dixon J	23820
Dixon J E	61417
Dixon J W	91393
Dixon P	94366
Dixon R D	75498
Dixon S E	8101
	8095
	60915
Dixon S M	72475
Dixon W	26120
	26121
	33487
	44939
	94819
Dixon W J	35808
	44982
	87058
Dixon W T	63157
Dixsaut A	92598
Dizerbo A	89293
Dizier F	74566
Djaenoedin R	4028
	4630
	4631
	4632
	92748
	92842
	92989
	93842
Djoen Seng O	3805
Djurisić M	94751
Dlugosz J	43428
Dmitrakov S N	33577
Dmitrichev S A	59981
Dmitriev A	61693
Dmitriev A I	32321
Dmitriev B	90291
Dmitriev G A	91951
Dmitriev G V	34507
Dmitriev M	27615
Dmitriev N P	29697
Dmitriev V S	20123
	28293
	49255
	56727
	64665
Dmitrieva-Ûrgenson I A	61266
Dmitrochenko A P	59180
Dmitrov A	53929
Dneprovskiĭ A	27188
Dneprovskiĭ A I	62775
Dnyansagar V R	47746
	89822
Doadrio A	62901
	79787
Doak B W	49527
	75851
Doak T E	19166
	53765
	70027
	70204
	70205
	86934
Doan Khac Vuong	1167
Doane C C	93843
Doane D H	4459
	11322
	19093
	23363
	40867
	42267
	55190
	55191
	63490
Doane D H	88375
	93282
	95853
Doane O W Jr	85798
Doane Agricultural Serv	7263
	34758
	35031
	35412
	71733
Dobben W H van	12607
	39331
	57066
	57067
Dobberstein H	83672
Dobberstein J	15155
	32333
	67902
Dobberstein J C A	4029
	4030
Dobbie H B	28625
Dobbin J H	45396
Dobbins C E	45702
	79729
Dobbins F A	24250
	24251
	43031
	51915
Dobbins T N	5932
	16194
	43176
	93540
Dobby E H G	1170
	10540
Dobelmann J P	19721
Dobert	40572
Dobie J B	61393
Dobijcwa I	33098
Dobin M A	32311
Dobinson J	15415
Dobislaw E	79487
Dobkins D A	83061
Dobney G H	10432
Dobrenov M	82490
Dobrila A	82963
Dobrina Z A	24505
	43295
Dobrogorskii F M	60311
Dobrokhotov G N	33765
Dobrokhvalov V P	21934
Dobromyslov B	22483
Dobromyslova L	26122
Dobronravov F N	45981
Dobrotvorskaîa K M	21520
	58139
	82912
Dobrovol'skiĭ B V	24375
	31753
	60818
Dobrovol'skiĭ M P	30067
Dobrokhotova K V	17
Dobrovsky T M	24506
	57421
Dobrow M C	41525
Dobrowsky	69058
Dobrowsky R	86103
Dobrunov L G	29247
Dobrynin B I	41577
Dobrynin V P	22800
	23571
	23620
	59179
Dobrzański B	82750
	83062
Dobson A R	27987
Dobson G M	33527
Dobson H W	65563
Dobson M H	53864
Dobson N	68048
	68049
Dobson T J	65564
Dobson W D	70051
Doby J M	85796
Dobyns H F	19094
Dobzhansky T	24798
	77838
	81469
Dobzhansky T G	38159
Dochterman E F	36829
Dockins J O	81861
Dockson R R	63238
Dockstader W B	33346
Docters Van Leeuwen W M	5877
	38201
	43780
	93312
Docton F L	60458
	92272
	92416
	92742
Dodd A H	16270
	53412
Dodd D R	29698
	40644
	48268
	57209
Dodd E	89144
Dodd F H	4584
Dodd L	65842
	65946
	66312
	70827
Dodd M	7294
Dodd M C	76806
Dodd T E	15156
Dodd V L	25714
	26577
	26578
	28165
	28166
	56051
Dodds H H	36916
	54886
	54887
Dodds K S	2435
Dodds M L	89053
Dodge A W	82340
Dodge B C	19989
Dodge B O	64296
Dodge G R	42326
Dodge H R	24799
Dodge J C	57407
Dodge J R	7264
Dodge N N	19814
Dodge W A	23203
	51097
	63568
Dodl R	18080
Dodler	32615
	32708
Dodson E	28332
	28333
Dodson E O	82522
Dodsworth T L	3848
	32616
	59562
	67252
Doeglas A	42351
	51382
Doeglas D J	66225
Doehlert C A	77385
Doehring	66248
Doeksen J	20661
	43165
	58130
Doepel G	79536
Doerell E G	73130
Doering H	41623

	Item
Doermann M C	25715
	63883
	87472
Doerr H	44287
Doerr M E	92801
Does J v d	27720
	27721
Doesburg J J	8841
	96150
Doetsch J F	31268
	50035
	82825
Doetsch R N	84282
Doffiné E	22611
Dogadkin B	87987
Doganovskii M G	34840
Dogel' V A	47042
Doggenaar H	13207
Dogger J R	43166
Doggett D	45504
	96230
Doggett J F	74841
Doğuer M	68241
Doherty A	88277
Doherty L P	5091
Döhle W	94938
Dohogne H	46956
	80791
	89004
	89005
Dohring E	34323
Dohrs F E	54092
	70377
Dofarenko A G	58101
Doidge W G	35959
Doignon P	196
	255
	38498
	47337
	64253
Dokhman G I	12062
Doktorov N	61632
Dokuchaev V V	2635
Dolcera M	15157
Dolcher T	56683
Dolder E F	74834
Dole K K	70919
Dole M	28399
Dolezálek J	53930
Dolfin V	31075
Dolge K L	51099
	59563
	84284
Dölger F W	58975
Dolgopolov N N	81552
	81673
Dolgopolov N P	22484
Dolgopolov P E	41336
Dolgopolova E A	32827
Dolgorukova O	33121
Dolgoshev V I	31690
Dolgoshov V	57673
Dolgov A A	31400
Dolgov S I	49424
Dolgova L S	49381
	91251
Dolhonde P	14488
	91908
Dolinin V P	56626
Doll A D	3508
Doll E R	15822
	15823
	23637
	59928
	76638
Doll R J	63504
Dollear F G	70920
	70973
Dollery A F	54451
Dolman J Jr	13208
	90764
Dolnick E H	18511
Dols M J L	19572
Dolson J	33801
Dolven A	8805
	36182
Dolzer F	4285
Dolzhanov P	44983
	53931
Domagk G	4031
Doman N G	89958
	89959
Domański A	84738
Domanski S	72658
Dombrovskaîa M V	48116
Dombrovskiĭ V V	47019
Domenichini G	85627
	85898
Domergue C	31088
Domilla S	30373
Domingo J P S	36917
Domingo W E	48577
	82096
Domingo W R	58102
Domingues O	1567
	4286
	5759
	15074
	15513
	23415
	32508
	32828
	33650
	50665
	59453
	63707
	83693
	84052
	84442
	85240
Dominguez Martin J	74255
Dominican Republic Comisión de Defensa del Azúcar y Fomento de la Caña	88040
Dominican Republic Dirección General de Estadística	19478
	26875
	69735
	72037
Dominican Republic Secretaria de Estado de Agricultura Pecuaria y Colonización	72088
Dominicis A de	89109
Dominick B A Jr	18251
	18252
Dominick B A	54250
Dominik T	81377
Dominion Dairy Conference (New Zealand)	94713
Domke E	25473
	35061
	69383
	78588
Domke W	18
Dommergues P	72963
	73131
Dommergues Y	75215
Dommerhold E J	15158
Domning A E	7011
Domorázek P	19323
Domoto T	30373
Domrachev V	36490
Domsch M	64974
	66725
	86225
Dona dalle Rose A	29846
	38668
	64420
Donà E	18803
	36955
Donadieu J	46183
Donahoo A W	80468
Donahue R L	46240
	58202
	95793
Donald C M	12296
	47700
Donald H P	33651
	84053
Donald M N	93132
Donald R	83143
Donaldson A G	13209
Donaldson A W	4868
Donaldson G	10583
Donaldson L	10582
Donaldson R	36183
Donaldson R B	8761
	8763
	62454
Donaldson R W	57210
Donaldson S M	49565
Donaldson W W	92530
Donat W	32946
	42327
	59815
	51357
	67851
Donatelli I	82767
Donatien A	59840
	59995
	84283
	85241
	93888
Donato J	70498
Donchenko V V	23045
Dondeyne J	86544
Dondi G	91264
Dondoli C	91248
Done J	79788
Donelson L	64023
Doneth J C	27616
	37081
Donets T	37478
Donets T N	6125
Doney R P	4755
Donfrancesco A di	9696
Donham C R	5816
	9349
	15496
	16109
	32805
	33715
	42241
	75971
	76272
Donis C	41184
Donk M A	19871
	56329
	80914
	81094
Donker J D	76273
	76274
Donmyer C	45336
Donn W	28383
Donnelly C A	66481
Donnelly D T	19167
Donnelly E D	81313
Donnelly F	41526
Donnelly G V	14694
	83463
Donnelly M	19907
Donner J	2607
Donner L	15638
Donno S de	62895
Donnollan J	9658
Donovan A	63282
Donovan C	4756
Donovan J	35367
Donovan W F	35809
Donțsov I I	85297
Dooley G	13210
	65565
	73961
	82341
Doolittle S P	28824
Doorenbos J	19
	28397
	56689
Doorman F A	9659
Doorninck J I van	23297
Dopf K	95272
	95432
Döpke	88746
Dopke H	87693
Dopson L	86844
Dorairaj K	66441
Doraiswamy S V	66313
Doran C W	73522
Doran W L	41216
Dorasami L S	40200
	45271
	65377
Dordević B	59303
Dordoni F	23821
Dorel R	15574
Doremus M	18315
Dorer R E	24426
	52593
	61004
Dorey A C	91008
Dorey O G	66314
Dörfeldt W	79933
	95497
	95498
	95499
Dorfler-Six H	37799
Dorfman A	76841
Dorfmüller G	45982
Dörge F	7870
	8214
	86845
Dorheim F H	58103
Döring A	73132
Döring F	61995
Döring H	40451
Döring H von	75239
	91745
Döring V	37479
Dorion P A	6126
	79130
Dormal S	52171
	77319
	93546
Dorman I	90190
Dorman K W	3436
	41237
	91746
Dormer K J	64730
Dormuth L C	61394
Dorn H	14489
Dorn K V	20974
Dornbush A C	15956
Dörner H	17569
	86559
Dornik O	7265
Dorodnov I T	46372
Dorofeev K A	32322
	47043
	59251
Dorofeev P I	20
Doroganevskaia E A	29458
Dorogov A V	41801
Dorosh J T	10216
Doroshchenkov G	9913
	25425
Doroshenko A L	2857
Doroshenko-Ĭarushok N I	83407
Dorosinskii L	58131
Dorosinskii L M	2608
Dorozhkin N A	47493
Dorph-Petersen K	2773
	50059
	66315
Dörr H	93577
Dorrego L B	45272
Dörrenhans F	65566
Dorris B	49897
Dorris B F	53067
Dorsch	24274
Dorsch F	52001
Dorschner K P	64742
Dorset Down Sheep Breeders' Association	76959
Dorset Horn Sheep Breeders' Association	76960
Dorsey M J	36103
Dorsman C	21849
Dorsselaer R van	52422
Dorssen C A van	4032
	15159
	16093
	51623
	60132
Dorsser A H de H van	8215
Dorst H E	52684
	61047
	61048
Dorst J C	29147
	81470
	82104
Dorst K H	77376
Dort H W van	12908
	13211
	39978
Dortan D de	54706
Dorville R	63827
Dörwald	7871
	26153
	35616
Dorward K	77270
	93387
Dosdall L	306
Dosker C D	41434
	50487

	Item
Dosoudil	41335
Dos Passos C F	6773
	85949
	94086
Doss M A	23026
	59389
	67422
	75952
Dosse G	16546
	43429
	43644
	93750
Dossin C O	9520
Dost P	82342
Dostal' V G	41045
Dostálek J	47925
Dostlàn M	88012
Dotro A R	27461
Dot P	30218
Dotšenko V P	21850
Dott Inverni & Della Beffa S A	30652
Doty D M	12526
	45723
Doty G A	45316
Doty J A	30219
Doty J M	8358
Doty R E	81147
Dotz[illegible]ko A D	40274
	57926
	57927
	66316
Doublet C	43711
Doucet B M	4044
Doudney C O	47818
Douffiagues J A	22036
Dougherty L A	46094
Doughty D D	64910
Doughty J L	12297
Douglas E	72890
Douglas G	12741
	14023
	48949
	65567
Douglas H R	50564
Douglas J	58010
Douglas J R	15577
	41958
Douglas L H	41046
Douglas W O	37653
Douglas W W	15578
Douglas Fir Plywood Association	3652
Douglass E T Jr	50494
Douglass J R	93952
Dougnac J	73523
Doull K M	5878
	6774
	16547
	61049
Douma T	49869
Doumeng J	88329
Doumont L	13212
	28398
	30220
	30221
	73962
Dournel J	9265
Dousset	55643
Douthit D	10868
Doutriaux	18383
	54452
Doutt R	61050
Doutt R L	16181
	61112
	68812
	94020
Douville	4869
	23678
Douwes-Dekker K	54888
	63099
	63100
Douzon A	19095
	46249
	88330
Dovaston H F	72476
Dove T S	84810
Dove W E	24731
	93392
Dovgalevskiĭ L	36641
Dovgelli B A	60337
Dow D S	84798
Dow G F	35719
	45468
Dow J A	44121
Dow R P	6518
Dowd H	73318
Dowd L R	79098
Dowden P B	77205
Dowdeswell W H	68934
Dowdle R F	30650
Dowe T W	67535
Dowell A A	79731
Dowell F H	51477
Dowell J M	80260
Dowling D F	41959
Dowling G T	13213
Dowling M A C	16767
Dowling N	8049
Down E E	57132
	58258
Downes J	19522
Downes J A	24800
Downes R G	2655
Downes W	93388
	93953
Downey F	32223
Downey F D	27188
Downey G W B	7403
Downey L A	9299
	45613
	79723
Downey S M	86731
Downham K D	4585
	23204
	51183
	77206
Downie A R	57928
Downie C	39979
Downie E	28167
	94500
Downie W A	54312
	58300
	79901
Downing A K	59982
Downing C G	7277
Downing C G E	53242
	78480
	94416
Downing G	24439
Downing M H	28721
Downing R S	6355
Downing T V	31401
Downings C G E	35094
Downs E	46798
Downs L E	66887
Downs M E	55644
Downs P A	8133
Downs W G	6580
	6585
	6586
	6617
	24891
	34351
Dowrick G J	64666
Dowse O S	62679
Dowse R E	79568
Dowson W J	11974
Doxey D	12298
Doxtator C W	57369
	73668
Doyle B K	35703
	54093
	63101
	70311
	88041
	92195
	94897
	95500
Doyle E C	7604
Doyle E J	65843
Doyle E S	35368
	45416
	53535
	94592
	94593
Doyle F	80148
Doyle J A	31773
	75425
	83491
Doyle L P	5803
	16087
	53353
	85229
Doyle P E	37077
Doyle T M	85242
Dozer I	28399
Dozorŝeva R I	89080
Dózsa L	5055
	92417
Drabkin B S	21
Draća P	92743
	92834
Drachovska-Simanova M	53169
	5317
Dracy A E	59769
	76296
	92683
Dragalev P I	84614
	92802
Drage C	57408
Drage R V	25196
Drager H	95260
Drăger K	32915
	32916
Drager S	52518
Draghetti A	2523
	49870
Dragunov A M	54954
Dragunov S S	74451
Draheim	62651
Draheim G	46095
Drahorad F	29547
Drahos N	836
Drake C E	22536
	31934
	75464
Drake C J	16817
	16818
	16819
	16820
	16821
	16822
Drake C J	24922
	24923
	24924
	43645
	43646
	43647
	61051
	61052
	68813
	77942
	77943
	93954
Drake D C	93955
Drake F R	80866
Drake G L	22139
	83492
Drake G W	36843
	95433
	95434
Drake H	12909
Drake J A	31295
Drake J Jr	15514
	74675
Drake J M Jr	87337
	87846
Drake M	64731
Drake M E	89006
Drake R M	38326
Drake Mrs T E	1927
Drake V C	39463
Drakeley T J	69893
Drakes B H	4751
	42270
Drakin L	26784
Drakin L I	92369
Drakos E	57674
Drangeid O	66801
	75052
	91653
Drangseid O	66802
Draper C I	15777
	16259
	19585
	60072
	60133
	79864
	92952
Draper E J	36294
Draper E M	17295
Draper H H	42051
	42922
	59564
	68240
Draper J	39980
Drapkin I	36492
Drapkin I M	36191
Drar M	12063
Draudt N	70876
Dravin I	5798
Drayson G F	82343
Drayton F L	38522
Drayton L E	18544
	62094
Drbal Z	42461
Drboglav N I	25796
Drechsler C	19872
	28864
	64297
	81095
Drees E M	628
	12064
	31480
	47701
Drees H	72540
	89491
	89492
Dreesbach F	22921
	32323
Dreesen L J	80357
Dregne H E	21597
	56092
	66317
Dreher K	6127
	52228
	60665
	60666
	93578
Dreher W H	3820
Dreibelbis F R	49393
Dreier A F	1171
	12608
	29548
	30982
	30983
	30984
	39586
	90232
Dreier B	46640
Dreiling F R	1734
	8762
	25284
	48779
	65325
Dreisbach M	28203
Dreisbach R R	43712
	52704
	61113
	78015
	85899
Dreiseitl	54187
	68646
Dreiseitl H	43648
Dreizen S	80371
Dreizen S	89007
Drejer A A	10869
	95967
Drennon H	10664
Drepin P S	94237
	52516
Dreosti G M	7605
	18384
	37023
Drepper G	79196
Drepper K	79196
Dresch H E	75569
Drescher M	27754
Dresco E	52355
Dresden D	94168
Dresner E	33844
Dresse O	15879
	33378
	60206
	92904
Dressel H	44566
Drevon A	7967
Drevon B	87564
Drew E L	9191
	18500
	54555
	70784
Drew F	44567
Drew W B	[illegible]117
Drewes H	40174
Drewniak E E	36784
Drewnowski F	32324
Drew K M	72451
Drew L O	78328
Drews B	61844
	77324
Drews E	36345
	36346
	36415
	70706

	Item
Drews H E	62976
Drews R	51098
	76170
Dreyer E	3207
Dreyer S	18845
	46758
Dreyfus A	52524
Dreyfus E	80716
Drezancić I	76275
	76530
Dribbusch Z M	14863
Dricot	8982
Driedger	34841
Driehaus K	46373
Driesens R J	17681
Driessche S van den	61719
Drieux	51163
Drieux H	50863
	51390
	51840
	51977
	59181
Drift J van der	2609
Driggers J C	5387
	5435
	42704
	51614
	60071
	60073
	76737
	76797
Drijver N den	30653
Drilhon A	69018
Drilling G	68050
Drinker G	80429
Driscoll R B	36775
Driuchenko M M	75269
Driver C H	89823
Driver P N	63784
	88532
	96046
Drobeck H P	42690
Drobfazko A	46914
Drobov V P	56646
	56647
	75310
Droesen	55577
Droesen W J	10870
Dröge C	47926
Drogué A	7426
	10039
	10954
Droit P A	61181
Dronov A E	35474
Drooz A T	93518
Drope V A	62902
Dropkin V H	81354
Drosdoff M	21678
	74567
Drost J R	9392
Drost P J	91805
Droste-Stromberg von	34872
Drouhet E	72491
Drouin G	39464
Drouzy J	90981
Drozdov A	41838
Drozdov G N	91291
Drozdov N	36554
	36696
	62816
Drozdov N I	69224
Drozdov S N	64732
Druart E	6969
Drubel R R	22679
Drublianets E E	87193
Druce P C	6970
	8983
	9803
	18385
	25197
	34759
	46915
	87565
Druce R G	7992
Drude	87566
Drudge J H	59841
Druecker J S	39981
Drueger G J	25969
Drugov I A	63308
Drullard P E	53536
Drummond F H	43596
Drummond J	15985
	51816
	51817
	62365
	62366
	96121
Drummond J W R	3512
Drummond O A	80867
Drummond S	75465
Drummond W M	9748
	37052
	63369
Druri S M	32441
Drury A M	8617
Drury A R	51184
	79001
Drury C J	15416
	44750
Drury D R	69631
Drury H G	16182
Drury W H Jr	56207
Drusendahl L G	94835
Druzhinin M	22456
Dry F W	45164
Dryden	76798
Dryden G E	5855
Dryden H W	27462
Dschunkowsky E	59304
D'Silva C B	75852
D'Souza B A	4863
Dual Purpose Shorthorn Club of Canada	59454
Duara B N	81471
Duarte F E	6710
Duarte Pereira O	3255
Dubakin N I	4033
Dubash P J	704
	89928
Dubbell R W	5552
	33488
	33512
	54556
Dubé G R	20285
Dubé J F	29240
	89960
Dubenko S E	7096
Dubianskiĭ V A	74842
	74843
Dubin I N	84862
Dubinevich B N	47494
Dubinin V B	60764
	61304
Dubled R	86732
Dubois	36347
Dubois A	22182
	31333
DuBois C W	36264
Dubois D	93389
Dubois J	49500
DuBois K P	77292
Dubois L	20616
Dubois P	14454
Dubois R	25902
Dubossarskaia M T	26350
Dubouloz P	87847
Dubovik I A F	837
Dubravina A A	31402
Dubret R	14327
	14490
	14695
	14696
	22413
	22585
	31822
	67016
	83464
	91909
	91910
Dubreuil	94809
Dubreuil R	60500
Dubrova P	82147
Dubrovitskaia N I	29248
	38899
Dubslaff H	21491
	48211
	49815
	82128
Dubuc Marchiani W	15259
	41919
DuBuisson E B	30222
Dubus M	57929
DuBuy H G	728
	73309
Ducasse F B W	42153
Ducay E D	79848
Ducay Vela L	83351
Duce R	70707
	79569
Ducellier G	86733
Ducet G	12299
	29459
	29484
	39045
Duchaigne A	64618
Duchaine W J	41409
Du Chanois F R	34277
DuCharme E P	12002
	19908
	19909
	29006
	29249
	47625
	81330
	81335
Du Charme F P	552
Duchâteau G	68696
Duchaufour P	14557
	30765
	50383
	58168
	64591
	89767
Duche J	91292
Duchemin G J	11487
Duchfer J	8216
	10955
Duck J	55754
Duck J W	80469
Duck R W	15075
	15986
	19709
	23416
	26785
Duck R W	32617
	42979
	45614
	46473
	80825
	84443
	87713
Duckart	27081
Ducke A	28523
	28524
	56208
Duckelman P H	48630
Duckham A N	37289
	71535
Duckworth C U	4034
Duckworth I H	45922
Duckworth J	41707
	60068
	67996
	75747
	75756
Duckworth W	49608
Ducoff L	27372
	37429
	46344
	80086
Ducoulombier M	51860
Ducourtial P	16548
	86908
Du Courtil A	8984
	29549
	48269
Du Crehu G	73474
Duda E J	31646
Dudar' A K	57211
	58505
Dudda E	8166
Duddington C L	629
	19873
	19874
Dudeney P	49609
	78403
	84176
Dudeney P A	44081
Dudenkov A	25979
	25980
	44984
	94836
Dudinskiĭ I	10956
Dudley A	25529
Dudley D I	48357
	49713
	65096
	81967
Dudley E A	34400
Dudley F J	42881
Dudley J E Jr	16905
	85836
	93956
Dudley L B	21070
Dudley R H	40325
Dudnik A G	32467
Dudok van Heel J P	1519
Dudolkina L A	61292
Dudonsky E	46784
Duehrsen C G	30373
Duemeland L E	76028
Dueñas S E	41217
Duerden H	72274
Duerden R S	70669
Duernberger G W	79338
Duerr W A	14491
	22240
Duewell H	43649
Dufau-Pérez	8696
Dufay C	61182
Dufey	7097
Duff J L	7733
Duff R B	49425
Duffee F W	7378
	41675
	36241
Duffield J W	91747
Duffin R B	82964
Duffy B J	6521
Duffy C E	76639
Duffy D J	58203
Duffy E A J	43430
	60819
Duffy W Jr	82965
Duffy W J	21851
Dufour	16768
Dufour R	4035
Dufourg J P	17477
Dufraisse C	838
Dufrenoy J	2436
	73221
Dufrénoy M L	2436
Dufresne C R	83136
Dufresse M	12755
	26280
	27218
Du Fretay M	2347
Dugan G T	41802
Dugan L R	54594
	79689
Dugan R F	78304
Dugand A	72376
Dugas A L	43781
Dugat	60667
Dugat M	33984
	33985
	77377
Dugat P M	52229
	52230
Dugdale H	7872
Dugelay A	13737
	14421
	14653
	22085
	41284
Duggan F	88214
Duggan I W	7574
	9804
	17646
	18876
	19076
	19324
	19405
	27272
	27273
	35324
	37100
	46151
	46250
	55192
	63785
	80051
Duggen H	95025
Dugger W M	73133
Dugovich W	17334
	33379
	84949
Duhamet L	64733
	64734
	64735
Duhaut R	4586
Dui T	21244
Duigan S L	47229
Duijn D van	79845

	Item
Duisberg P C	3764
	50715
Duiven J M	52073
Dujarric de la Rivière R	60351
Duke G B	53086
Duke J A	54707
Dukel'skaîa N M	47019
Dukhanin A A	65936
Dukhov T G	35193
Dulac J	21402
	29472
	48008
	56878
	58235
Dulany R O	7493
	17594
Duley	31056
Duley F L	83063
Dulin	63370
Dulk P R den	29359
Dull M F	7532
Dullum N	26579
	49610
	54354
Dulmage W G	45918
Duluth Board of Trade	45505
Dum S A	71626
Dumail	64954
Dumaine H	67960
Dumais A A	40326
Dumais R	87059
Dumanskiĭ A V	64619
Dumas J	82826
Dumas P	5924
Dumas W T	78688
Dumazert C	86909
Dumbleton L J	34574
	61183
Dumenil L	49611
	58251
Dümlein H	66318
Dummer M H	88596
Du Mond C C	15980
Dumont	53103
Dumont A	87848
Dumont B	54643
Dumont J	44426
Dumont L	16170
Dumont M	95662
Dumont R	48419
	63371
	82966
	88471
Dumpleton C W	88747
Dumrath H W	78538
Dunaev K A	31691
Dunaĭ G	26154
Dunaĭ N	34877
Dunavan D	52074
Dunaway H	21071
Dunbabin M I	46916
Dunbabin T	17505
	20539
Dunbar C O	6392
Dunbar H	10871
Dunbar P B	7536
	17627
	35293
	93390
Dunbar R H	65568
	65569
Dunbar R S	41981
Duncan A A	29592
	74256
Duncan A B	43117
	85950
Duncan A O	35369
Duncan C G	41410
Duncan C W	42061
	49489
	67716
	76276
Duncan C W	78996
	78997
	84233
Duncan D B	69549
Duncan D L	15160
	33578
Duncan D P	22207
	31587
	56648
Duncan E N	73490
Duncan G A	80149
Duncan G J	36412
Duncan H R	58999
	76961
Duncan J	75526
Duncan J E	69384
Duncan M	53630
Duncan M W	41599
	44670
Duncan O D	33741
	37734
Duncan R	73696
Duncan R A	52941
Duncan R C	42328
Duncan R F H	1537
Duncan T E	17390
Duncan U K	197
	38432
Duncan W	32829
Duncombe W G	15409
Dunegan J C	28738
Dunford E G	91609
Dungal	75853
Dungan G H	29606
	57068
	57117
	83748
Dunham E M	198
	85365
Dunham R S	30525
	39585
	40275
	49256
	74298
	74299
Dunham W E	1349
	16341
Dünhof	93579
Dunk M R	53243
	60207
	61568
Dunkel	8217
Dunkelberger P C	28061
Dunker C F	26876
	95305
Dunkin A C	32233
Dunkler O	52423
Dunkley W L	8102
	17873
	17874
	17965
	25981
	62060
Dunlap H C	10946
Dunlap J C	21953
Dunlap W H	307
	8618
Dunlop A A	32609
Dunlop G	4460
	16000
	16032
	42943
	51805
	51916
Dunlop W R	23911
	23912
Dunman J	10040
	27897
Dunmore L Jr	34699
Dunn C G	53537
Dunn C W	25669
	35198
Dunn D W	58414
Dunn E	88781
Dunn E E	11797
	39982
Dunn H A	
Dunn J A	24925
Dunn K M	49489
	59638
Dunn L C	19600
Dunn M	63884
Dunn P D	41803
Dunn R	26351
	38060
Dunn R A	77606
Dunn R E	3130
Dunn R P	87194
Dunn S	82929
Dunn S W	46641
Dunn W H	67903
	76627
	78648
	84658
	95833
Dunnam E W	52075
	77680
	77681
Dunne H W	41809
	85243
Dunne T C	91512
Dünnebeil H	25395
	94375
	94376
Dunnett A	26991
Dunning C S	37603
Dunning J W	54708
Dunnington-Jefferson Sir J	80470
	88748
Dunsing D	38068
Dunstan C W	18386
Dunstan W D	86390
Dunster B P	1928
Dunston A E A	13214
Dunton E M Jr	13922
Dunton H L	21679
	30928
	40645
	49612
Dupaigne P	8668
	18224
	61923
	61924
	87473
Duperon R	12300
Duperthuis V	5578
Dupias G	19875
Dupillier C	7205
Du Plessis A J	10402
	63613
Du Plessis A M	78874
Du Plessis C van H	9914
	26848
	54709
	55458
	88861
Du Plessis D	95334
Du Plessis I P J	27945
Du Plessis L	42894
Du Plessis S J	64421
	72659
	90677
Dupont C	25198
Dupont G	78938
Dupont L	66501
	86103
Dupont O	94501
Du Pont Co Public Relations Dept	77839
Du Pont de Nemours (E I) and Co	75668
Dupouy-Bras	29459
Dupras C A	42584
Dupre D D Jr	13215
Dupré M	86494
DuPre W M	42112
Dupree M	60802
	77666
	78095
DuPree P R	41285
DuPree W E	79488
Du Preez D	21011
Du Preez P	84597
Dupuis C	5879
	52625
	77840
Dupuis G	18312
	73666
Dupuis M	66279
Dupuy C J	44800
Dupuy R	33845
Duque J G	12568
Duque J P	58011
	82609
Duquénois P	56966
	73321
Duraiswami S	12195
	56806
	73134
	81553
Duraivelan C K	79743
Duran M A	28062
Durán M L	24376
Dúran Muñoz G	45506
Durán Quevedo T	19569
	79934
Durand J	42788
Durand M C	61267
Durand-Reville	95711
Durand-Réville L	18619
	46917
	50355
	88246
Durañona E	39719
DuRant A L	5792
Duranti G	75957
Duranton B	8456
Duranton J	23212
Durbán D L	42748
Durbin C G	4036
	67613
	85104
	85105
Durfee A	4757
Durham B	3034
	14354
Durham L J	14168
Durham O C	47157
Durham R M	32830
	51889
Durie P H	59305
Du Rietz B G	95335
Duriez M M	9597
Durig G	94986
During C	74947
Düring T	15043
	84054
	84055
Düring v	41804
Düring W	62012
Dürkes	61053
	93957
Durlakowa I	23044
Dürminger A	6128
Durmishidze S V	78875
Durnov P F	24507
Durquety M	48841
Dürr H J R	85837
Durr R M	9521
Durrell L W	30521
Durrell M E	81584
Durrell W B	42653
Dürrwaechter	23095
	35871
Durst J	67034
Durst S H	22537
Durtschi E	10957
	80553
Durusan R	68241
Duruz R M	52231
Dury P R	75053
Duryea P B	22086
	58651
Duschek S	22369
	83322
Duschl M	61184
Dusenberry H L	49871
	66502
	66503
	82967
Dusenberry J E	62958
Dusenbury M R	41527
	67154
	83644
Dushechkin V I	839
	39046
	89961
Duspiva F	93391
	93519
Dussardier M	4004
Dussel J	28400
	85951
Dusserd R	46785
	55755
	88862
Dussy J	57930
Dustan A G	61054
Dustan G G	6775
Dustin J H	35110
Dutch Guiana Forest Serv	41118
Dutcher R A	23822
Duterme J	75128
Duterrou C	6129
Duthen M G	82827
Duthie R C	33061
Duthil J	29550
	64975
Dutille Père A	29052
Dutilloy P	32074
	59059
Dutky S R	77695
Du Toit J L	9660
	36918
	49613
	49614
	54887
	58252
Du Toit M S	54094
	72155
Du Toit O	84950
Du Toit R	6356
	16684

	Item
Dutra F	79886
Dutt B K	39019
Dutt B S M	11460
Dutt D K	68634
Dutt J O	8763
Dutt M	81416
Dutt M K	43873
Dutt N	61055
	93751
	93958
Dutt N L	1520
	58253
	89295
	90468
Dutta A	90145
Dutta K K	70378
Dutta S	11461
Duttlinger E	23728
	33380
	51682
	60208
	84951
	93062
Düttmann H	8985
Dutton A M	47135
Dutton H J	71012
	79826
	95342
Dutton W C	30522
Dutton W L	81968
Dutton W S	83064
Duursma G D	64184
	65570
	65571
Duusgaard N	10041
	55365
Duval G	62367
Duvall K K	37101
Duvall R	84056
	95231
Duvdevani S	80811
Duveau R	28122
Düvel D	72964
Duvignac A	44176
	53171
Duvigneaud P	118
	119
	553
	684
	11562
	38472
Du Waal P E	27595
Düwer-Dohrmann I	32325
Duyne F O van	19523
Duyverman J J	13923
Düzgünes P Z	77607
Duzzi A	26968
Dviganšev V	41708
	42923
	43970
	58415
Dviganšev V I	22801
	85076
Dvolnykh V	40646
Dvoracek D C	19459
Dvořák R	43431
Dvoršankin F A	90191
Dvoršashin V I	47114
Dvornikov P P	31403
	58814
	91599
Dvoršova E I	60572
Dwehus	3877
Dwelle E D	76277
Dwivedi R S	18860
Dworak L	58594
Dworkin Z Z	5925
	93392
Dworschack R G	53538
Dwoskin P B	45321
Dwyer J D	120
Dwyer P J	70811
Dwyer R E P	40373
Dwyer W	8359
Dyal R S	13840
	40452
Dyar E	46951
Dyas E S	57069
Dybing O	67818
	84659
Dyce E J	6130
	89110
Dyce K M	42352
	76640
Dyck A J W	79724
Dyck A W J	41528
Dydko A E	65052
Dye D W	11964
	20109
	56582
	79489
Dye G E	62518
Dye J A	67614
Dye O	74257
Dye S	10272
Dyer A J	85042
Dyer B W & Co	79935
Dyer C D	91715
Dyer I A	85190
	85197
	92273
Dyer P	51452
Dyer R A	38433
	56141
	56383
	73963
Dyer W J	28218
Dyke F M	54095
Dykes G	15417
Dykes J C	83065
Dykstra K G	44450
	44528
	45417
	69686
Dykstra R R	67615
Dykstra S J	89196
Dyme H C	19524
Dymond G C	50007
	54889
	95501
Dyrbye N	23096
	25982
Dyrendahl I	4694
Dyrendahl S	7295
	15699
	32999
	84177
Dyson D V	38202
Dyson E	4838
Dyson R C	85952
Dyverdon C	60274
	66055
	81841
Dzakhoev A M	92803
Dzenis J	60142
Dzenis L	5318
	42510
	92887
Dzens-Litovskaĭa N N	49380
Dzhangurazov F	56025
Dzhashi M I	31334
Dzhemukhadze K M	25797
	25798
Dzhenšuk E I	38857
Dzhugeli D M	82009
Dziekoński J	33098
Džinić S	59639
Dzíubenko I	55100
Dzokaev K Kh	10042
Eade G W	48950
Eads C O	16807
	34462
	52787
	85747
Eads F E	15583
	22922
	23509
	51422
	59842
Eads R B	6357
	16486
	16487
	41829
	43378
	68600
	85559
Eakin J H Jr	2741
	21680
Eakin W E	17453
	44250
	69434
Eales H C	70312
Ealy F R	25903
Eames A J	28618
	72377
Eames H F	3035
	25155
	40868
Eanes J W	22414
Eardley C M	64185
	80758
Eardley D	31089
Earhart R W	11639
	64422
	89587
Earl D E	31603
Earl E W	42380
Earl H	69182
Earland C	18057
	54066
Earle F R	20222
Earle I P	51478
	84660
Earle O L	19743
Earle T T	20288
Earle W	19155
	26988
	26992
	26993
	27439
	45844
	46474
	95376
Earley D	27617
Earley E B	16075
	29250
	56913
	73322
Earp U F	25716
	53349
Easley G T	4287
	4378
	5615
	92418
Easley O W Jr	79902
	79903
	81937
East L	17223
East L W	46786
East African Agriculture and Forestry Research Organisation	14372
East African Customs and Excise Dept	55830
East African Veterinary Research Organization	41805
East Malling Research Station	1557
	82129
	90507
East Punjab Board of Economic Inquiry	10366
	27260
Easter S S	8986
Easterbrook L	31200
	63372
	78876
Easterbrook L F	35199
	58576
	61345
	91395
Easterbrooks H L	50982
	51185
	51186
	59705
	92641
Easterbrooks L	32509
Easterling C E	78096
Easterly N W	56178
Eastern States Cooperative	36862
Eastern States Farmers' Exchange	56384
	56385
	56386
	63786
	63787
	77207
Eastman D A	4870
Eastman E H	47078
	47079
Eastman J W	22922
Eastman P J	40170
	57855
	90929
Easton A M	16549
	24732
	77698
Easton G S	76435
Easton N R	25799
	35475
Eastop V F	43650
	52626
Eastwood A	80868
Eastwood C G	61704
	78700
Eastwood J	31269
Eastwood T	62558
	73135
	95065
Eaton C B	6845
	93393
	94016
Eaton E L	82254
Eaton E O	35183
Eaton E S	74199
Eaton F M	12307
	73136
Eaton H D	15346
	51099
	59563
	84284
Eaton J K	16271
Eaton J W	80257
	80430
Eaton M	1929
Eaton M R	36184
Eaton R J	38434
	38435
	64186
Eaton S V	56807
Eaton W	21072
Eaubonne G d'	18193
Eaves P H	54710
Ebbell	5436
	7296
	25474
	25475
	25476
	33381
Ebbell H	67961
Ebbmar M	2348
Ebeler G	72038
Ebeling W	16183
	16184
Eberhard	4288
Eberhard J B	42847
	60275
Eberhard L	81671
Eberhardt H	4727
	26180
Eberle A M	21614
Eberle G	11590
	13216
	16981
Eberle J	28675
Eberly N M	33986
	13765
	57212
	90328
Ebers R	61427
Ebert F	40786
	58416
Ebert F A	50495
Ebert H	8457
Ebert J D	33271
	33272
Ebert M H	62863
Eberts	14373
Eberts F S Jr	12301
	64736
Eberts H	14492
	31551
	31809
	66784
Ebertus R	15579
Ebertz	53022
Ebertz K	34760
Eblé	42462
Ebner H	44692
Ebner K R	54363
Ebner R	6846
	6847
Ebrardt R	44044
Eby C	39465
Ecchu K	67092
Eccles J R	30776
Echandi O	4587
Echarri Loidi J M	5309
	5437
	5438
	15824
	33382
Echary J L	54890
	54891
	80334
Echavarria G	71536
Echegaray A A	28210
	54223
Echegaray M	90233
Echenique E F	9661
Echenique L	15472
	23351
	32709
Echenique V M	74640
Echevarría J	36776
Echeverri L G	81963

	Item
Echeverria M	5439
Echeverria Ballarin I	83323
Echeverry E R	6711
Echterhölter R	19213
Echterling C J	45859
	54783
Ećimović J	26908
	47136
Eckardt	8987
	11119
	26661
	62680
	70708
	79570
Eckardt F	56808
Eckardt G	44855
Eckardt O	6358
	95164
Eckberg L	79053
Eckblad F E	56330
Eckblad I	38076
	54355
	56052
	56053
	56054
	64059
Eckblad I M	80792
Ecke P	21214
	30373
Eckell O A	84285
Ecker F	86953
Ecker R	36847
Eckerbom A K	72236
Eckers J	11046
Eckert C	29921
Eckert E A	51657
	60165
Eckert J E	39720
	52232
	68540
	85490
Eckert K H	83324
Eckert P S	79655
Eckhardt G H	6587
Eckhardt R C	12609
	56728
Eckhoff	15227
	43005
Eckhoff G	20540
	39332
	45933
	48212
	54849
	71098
Eckles J M	73710
Eckley R S	80154
Ecklund O F	69542
	69696
Eckmüllner O	3394
	58689
Eckstein A	37290
Ecochard R	39520
	73581
Ecoffard	7606
Ecole Nationale d'Agriculture de Montpellier	1820
Ecole Nationale d'Agriculture de Rennes Laboratoire de Zootechnie	15260
Economic Mission to Turkey	27463
	37291
Economic Survey Mission to Guatemala	27464
	37053
Ecroyd G	65097
Ecuador Caja Nacional de Riego	40787
Ecuador Dept Forestal	13138
Ecuador Ministerio de Obras Públicas Comunicaciones y Ferrocarriles	40787
Edaburn C W	38247
Edberg S	18463
Eddins A H	72541
	89588
Edds G T	4037
	32326
Eddy B	43167
Eddy B P	12519
Eddy C R	36559
	81781
Eddy G W	93844
Eddy R T	21070
Ede A J	94522
	94605
Ede M van	90930
Edelman C H	10043
	13828
	18998
	40647
	46566
	66112
	66604
	71721
	74407
	80150
	82828
	83066
Edelman J	1039
	48179
Edel'man N M	43432
	94075
Edelson H	70028
Eden A	29251
	93255
Eden E L Jr	84286
Eden T	2742
Eden W	76738
Eden W B	24733
Eden W G	33923
	34234
	52197
	52772
	61185
	77340
	77697
	77698
Eder J	32510
	46374
	72089
Edert F	78481
Ederhof D	48420
Edgar A D	7152
	18225
	95070
Edgar G	85244
Edgar S A	23913
	23935
	24892
	68733
Edgardo Oyuela F	70921
Edge J L	73633
Edgecombe S W	39721
	47819
	56399
	57532
	57537
	85491
Edgerton C W	11640
	89589
Edgerton L J	840
	48070
Edgett G C	22415
	22586
Edgington B H	43372
	59674
Edgington G	2592
Edgson F A	84287
Edhlund N	76799
Edick M	16102
	51222
Edinburgh and East of Scotland	27743
	27955
College of Agriculture	33616
	39608
	88577
	88589
	89175
Edinburgh Public Health Dept	4038
Edinburgh School of Agriculture Teaching Unit	20485
Edison D E	45507
	46787
Edison Electric Institute	17513
Commercial Div	17514
Farm Sec'y	
Edland H	48951
	48952
Edler G C	18732
	27082
	54850
Edlin H L	2437
	3296
	65572
	73964
	82344
	83157
	91552
Edman G	35777
Edman M	53897
	38095
	75908
Edminster F C	21935
Edminster T W	13797
	66464
Edmond L E	8458
Edmondson J E	44259
Edmondson L F	17894
	76211
Edmondson M	24801
Edmondson R E	17966
	62191
Edmonson H	49246
Edmonston A D	31112
Edmund T	42329
Edmunds G F Jr	17150
	25122
Edmunds L L	57675
Edmunds L R	24989
	78222
Edmunds W M	53343
Edmundson W C	21245
	57846
Edney L E	89590
Edridge T G	19744
	21073
Edson A W	38326
Edson S N	74421
	74422
Educational and Methods Conference in Public Policy	18999
Edward D G ff	76278
Edwards A	58857
Edwards A R	68601
Edwards B F	23094
Edwards C	42429
Edwards C L	51504
Edwards C R	47512
Edwards D C	38342
	57213
Edwards E E	11240
Edwards E P B	9598
	30654
	45919
Edwards F	20653
Edwards F E	13577
	13590
	58413
Edwards F I	52141
	52172
	68490
Edwards G R	5926
	30416
	40175
	81221
	85348
Edwards G T	80554
Edwards H	86074
Edwards J	4289
	25904
	32511
	35617
	35618
	60916
	92092
Edwards J O	86543
Edwards J P	22158
	65573
Edwards J T	32327
	84285
Edwards L M	55601
Edwards M B	12540
Edwards N C	14858
Edwards O W	22003
Edwards P W	5240
	70313
Edwards R A	42268
	60675
Edwards R G	20792
Edwards R L	21246
	21317
	68878
	80335
	86078
Edwards R T	86985
	94796
Edwards R W	64423
Edwards S J	76279
Edwards T	18552
Edwards W G H	9405
Edwards W H	68094
Edwardson J R	29181
	66056
Edwin A J	3271
Edzgveradze D	94421
Eeckhout L	41624
	41625
	41644
	59115
	67204
	67218
	92015
Eeckhout L E	3785
	14803
Eekelen M van	19572
	46987
Eeles D P	68105
Eerde Freiherr von	2908
Efendiev N M	92803
Efenditch S	89591
Eff D	68974
Effern J	44826
	86910
Efferson J N	10379
	45508
	55459
Effertz J	62977
Efimov A	62192
Efimov A L	68403
Efimov F F	32234
Efimov N V	50251
Efkes U	70052
	79070
Efremov K	46185
Egami N	68647
Egan F D	4039
Egan T P	85257
Egdell J W	8016
	17875
	25974
Ege R	96122
Egeberg Mrs L	57676
Eger B A	31774
Egerton J R	23891
	51778
	68267
Eggebrecht H	45934
Eggenberger H	36348
Eggendorfer T	405
	35476
	69791
Egger J	86846
Eggers H	6432
	23649
Eggersgluess W	61638
Eggersgluss F	77378
	85492
Eggert F P	841
Eggert R	49615
Eggink H J	12302
	65947
Eggler W A	89768
Eggleton L Z	79846
Eggman L	73341
Eggmann P	7297
Egholm B	28525
Egiazarian A M	20289
Egle K	20442
	72275
	89962
Egler F E	12065
	21074
	21357
	30523
	30550
	39047
	64113
	65948
Egli K	29884
Egli R	91559
Eglington V B	95502
Eglit A K	91012
	91013
Eglītis V	38835
Egner K	67074
	91997
	92060
Egorov A A	35477
	69792
Egorov A V	22457
Egorov I A	17799
	28219
	28220
	35478
Egorov I F	5040
Egorov I N	84289
Egorov N A	13458
Egorov V	21802
Egorov V I	57450
Egorov V N	59182
	83743
	87137
Egorov V V	21592
Egorova P S	33652
Egorova V I	1735
Eguino Z A	10972
Egusa Y	50511
Egyed N	4876
Egypt Ministry of Agriculture	35960

	Item
Egypt Ministry of Finance Cotton Dept	35961
	35962
Eheart J F	39048
Ehemann W	73137
Ehlers A	7734
	7735
Ehlers H	53631
	81554
Ehlers M	43261
Ehlers M H	4294
	23101
Ehlers P	66319
Ehlers P L	1171
	12608
	29548
	30982
	90232
Ehlers W F	74716
	76949
Ehm H	33987
Ehmann N	34413
Ehnes G	63271
Ehrenberg P	5014
	14061
	15987
	50716
	65098
	76628
	84726
Ehrendorfer F	47702
Ehrenforth W	19192
	19214
Ehrenhardt H	24802
	34451
	89963
Ehrenkranz F	61652
	69687
Ehrenpfordt V	65844
Ehrensing A T	2909
Ehrhardt	77208
Ehrhardt F	3272
Ehrlich	4040
	51187
	76280
	84290
Ehrlich C	23914
	51959
	67616
Ehrlich H L	12303
Ehrlich J	59842
Ehrlich P R	94076
Ehrmann H W	55645
Ehrmantraut H C	20290
Ehrnst L E	78877
Ehrström W	44899
Ehwald E	91748
Eibl J	15006
Eibl K	76029
Eibl-Eibesfeldt I	43379
Eiche E	89964
Eichel-Streiber H von	3208
	22370
Eichenberger E	29258
Eichholz E	45273
Eichhorn E A	4506
Eichinger A	39049
Eichinger J	8925
	26626
	35413
	45509
	61883
	87523
Eichler W	5927
	6776
	32328
	43168
	43433
	43909
Eichler W	60820
	60821
	68734
	77699
Eichmeier A H	64080
Eichner P	19815
Eickel H	15715
	33122
	51683
	73524
Eickmann H	4041
	15418
	32710
Eickstedt von	63102
Eickstedt H von	25396
	57931
	89493
	94377
Eid H A	3177
	22087
Eid M T	40453
Eidam J E	8988
Eide C J	56494
	72660
Eide E	83233
Eide I M	60149
Eidissen H	1558
	1930
	48953
Eidmann F E	75355
	75356
Eidson M E	5032
	5057
Eiduks J	91190
Eieland E	4588
	84291
Eifert V S	74123
Eifrig H	36863
	40176
	90931
Eig M A	43782
	45165
Eigner M	8218
	25694
Eijk A van der	56983
Eijk J J vd	49517
Eijndthoven C J van	80151
Eijsvoogel W F	66504
Eikeland H J	1090
	58549
Eikelboom H	93184
Eikhe E	30655
Eikleberry R W	49548
	49549
	49550
Eiklid O	64114
Eilenski L A	22925
Einset J	740
	20156
	20838
	47747
	73742
Einset O	20839
	21681
	24377
	45401
	72542
	72661
	73815
	74568
	90625
Einspahr D	3395
Eisa E A	34655
Eisele C W	9349
Eisele H	31892
Eiselt M	1931
Eisen H	68106
	84952
Eisenberg M V	45418
Eisenberg W V	26475
	26476
Eisenberg W V	36265
	62592
	69570
	69793
	79363
Eisenbrand J	7570
Eisenhauer J	4758
Eisenhower M S	10665
Eisenmann E	14785
	50458
	75476
	83525
	91998
Eisenmann O	14784
Eisenreich L	7032
	69156
	87060
Eisenschmidt R	84760
	84761
Eisenstark A	28972
Eisenstat L	45304
	54357
	87474
Eiserhardt H	4945
Eisgruber G	95165
Eisma W A	4714
Eisner F F	4290
	32512
Eisner H S	75494
Eisses J	90152
Eissner G	33716
Eitan E	66726
Eitel W J	69001
Eitingen G R	3437
	11241
	28294
	41218
	58873
Eitrich G	71401
Ejsing G	406
	13041
	19990
	22014
	40177
	48842
	48843
	49145
	64737
	64738
	65422
	65423
	77608
	77609
	81222
	81223
	82210
	93705
Ekberg L	79259
	94313
Eken C	27083
Eken M	88042
Ekerot A	29885
Ekholm E	75588
Ekholm S	24378
Eklund B	83325
Eklund D	60338
Eklund R	3563
	3577
Eklund S	9915
Eklundh B	4777
Ekman P	83750
Ekman S	31552
Ekonomov V I	84661
Eksaa O	34916
	54428
Eksteen M C	37800
Ekstrand H	19991
	40648
Ekström A	29551
	30422
Ekstrom G F	55646
Ekstrom J	63837
Ekström P	18081
Ektov V A	51188
Ekwall A	68541
Elagin I	2743
	20541
Elagin I N	22263
	29552
	47703
	47927
	48421
	58690
	64592
	79201
Elam F L	4759
	4987
	13559
	14069
	15649
	17265
	17495
	17538
	32513
	34950
	35062
	36349
	36493
	42269
	43971
	44251
	44328
	49872
	51505
	52594
	59763
	59920
	82552
	88472
Elam G W	23981
	42970
Elam J F	5233
	23915
	33273
Elant	74139
	82480
Elant H	73775
	82183
Elaut L	92274
Elbel R E	25123
	69030
Elberetta J J	62455
Elbers W	95496
El'chaninova N N	48422
El Chaoui Y	10044
El Dardiry H	60134
Elder A L	62681
Elder C	92644
Elder C R	407
	48251
Elder H M	7859
Elder W C	73544
	73546
	73547
	81970
	81971
Elder W R	14169
Eldred K E	35880
Eldredge I F	41097
	50082
Eldredge J C	39333
	57070
Eldridge F	92419
Eldridge F E	23097
Eldridge H T	44390
Eldridge J W	83634
Eleazer J M	30929
	49616
	63675
	81972
	82829
Elek P	83843
	85245
	93170
Elema H M	10666
	17335
	25320
	25377
	34951
	34952
	44082
	52942
	61346
	78751
	81842
Elenev A	52943
Elenev A V	69183
Elenevskaîa E V	29728
	73525
Elenkin A A	56304
Èlèntukh M È	1172
Eley G	37801
El-Fandy M G	72227
Elfers M	5804
Elfert G	38063
Elfimova E N	40494
Elgaard K	63491
El-Gindy H	92744
Elgueta M	11323
	19710
	38298
	56102
	64087
El Hagri M A A	4589
El Hindawy M R	4871
	32917
Elia G d'	42137
Eliaeson S	62978
Elias H	33717
Elias N A	20028
Elias R M	22674
Elias T O	63614
Elias W F	93004
Eliash Z	85303
Èliashvili A	25523
	61639
Eliashvili A I	44279
Eliasiewicz R	84508
Eliason E J	91806
	91821
Eliasson A	74151
Eliasson S	39334
	90451
Elichev A N	24229
Eligh G S	93313
Elin S	3438
	3443
Elings H	60948
Elion E	19745
	20204
Eliot J A	49146
Eliot N	61188
Eliovson S	82345
Eliseev I P	13042
Elishewitz H	68602
Elistratova M G	51917
Elizardo G L	65099
Elizondo A	85592
Elkan E	13217
	30223
El-Kassas M A F A	38851
El-Kattan A A	29392
El-Kilany A	55194
El Kilany M A	29649
	62349
Él'kin D I	41577
Elkington W M	15841
	36777
Elkins J C	16923
Elkinton C M	70032
	80000
	96078
Elkjaer M	82491
	90765

	Item
Ell A	24008
	92990
El-Labban F M	85038
Elle G O	73138
Elle T	81843
Ellefsen Ø	83599
Ellena G	3142
	27722
Ellenberg E G	3329
	3330
	3331
Ellenberg H	47704
Ellenberger H B	23205
	25477
	32618
	35063
Ellenby C	29038
Ellengorn [illegible] E	38900
	38901
Ellenson A H	60398
Ellenwood C W	12963
	20840
	57533
	65949
	82215
Ellerkamp W	54665
Ellern A	11881
Ellersick J	22522
Ellerton S	64976
Ellertson F E	52518
Ellickson J C	63272
	95641
Elliker P R	8136
	8219
	26155
	35810
	35811
	44985
	79103
Ellila K J	27465
Ellinger G M	75747
Ellington E V	1347
Ellington F B	9861
Ellinwood L E	68512
Elliot C	21075
Elliot D J	96089
Elliot E A	90766
Elliot H	10045
Elliot S	8459
	65053
	81902
Elliot W	10541
Elliott	5553
Elliott C G	56209
Elliott C S	73653
Elliott D	1932
Elliott E	19585
	44529
Elliott E S	20018
	89494
Elliott F A	74996
	83465
Elliott F C	1287
	12697
	29650
	39422
	49257
	81903
	81904
Elliott F I	59563
Elliott H	41529
Elliott H G	4461
	4462
	12742
	12743
	42270
	73526
Elliott I L	13883
	49546
	73527
Elliott J	75757
Elliott J A	4463
Elliott J R	4042
Elliott M	16185
Elliott R F	75782
Elliott R L	45166
Elliott R R	12744
	31775
Elliott W H	7521
	27362
	27946
	39038
Ellis B A	16272
Ellis C K	1933
	13218
	21682
	48954
	57677
	57678
	90767
Ellis C T	46762
	61656
Ellis D E	28865
Ellis E A	19876
	72481
Ellis E E	74166
Ellis F E	7361
	9522
	14024
	42749
Ellis F W	86309
Ellis G	5440
	92912
Ellis G F	76030
Ellis H	3036
	25695
	76031
	82768
Ellis J	6531
Ellis J O	94390
Ellis J P	16779
	19876
	43597
Ellis K B	17450
Ellis L S	27466
	27467
Ellis M B	256
	19876
Ellis M G	1124
Ellis N K	1559
	62557
Ellis N R	12731
	16069
	18495
	23220
	23261
	42065
	50717
	51905
	67291
Ellis P	60135
Ellis R F	8842
Ellis W	5144
Ellis W E	27274
Ellison D	94816
Ellison J H	11785
	21358
	56785
	90932
Ellison L	16088
	21619
	56649
	68287
	68353
Ellison W D	74844
Ellsworth A	76687
Ellsworth P R	17266
Ellsworth P R	32818
	69894
Ellwanger R	50595
Ellwood C C	12698
Ellwood E L	3600
	31948
	50506
Elmendorf A	3765
	31994
	32046
	59041
	67133
Elmendorf H B	82968
Elmenhorst C W	77379
Elmer H S	16824
	16825
	34452
	43651
El-Mistikawy A M	33846
Elmore D H	37102
Elmore J C	6453
El Morshidy A	37654
Elmose N	4291
	4292
Elöd E	8460
	94939
	94940
El-Ricaby A	27804
El Salvador Ministerio de Agricultura y Ganaderia Centro Nacional de Agronomia	2508 29497
Elsässer	31875
Elsässer A	21683
	66888
Elsasser D S	15580
El-Shazly K	85106
Elshorst H H	31823
Elsner W	91984
El-Sokkary A M	79131
Elsrud W	3178
Elsukov M P	20542
	64024
	73528
	81973
	90329
Elsworth F F	70395
	79286
Elter L	13219
	57679
	57680
	57681
	65574
	82346
	89495
	89707
Elton E T G	16186
	43713
Elton N W	61005
Eltringham J A	5441
El'[illegible]sov S G	22923
Elvehjem C A	5273
	23546
	44671
	50883
	51585
	76596
	80654
	87754
Elwell E S	70053
Elwell H M	2349
	3031
	31197
	58502
	64739
Elwert G	
Elwood E M	27329
	37081
Ely C M	15778
	51574
	68004
Ely F	76334
	92416
Ely R E	49489
	53865
	59638
	93540
El-Ziady S	77719
	77720
	77721
El Zoheiry M S	16187
	16273
	33846
Em H	72923
Emanuele F	53413
Emanuelsson H	23910
Emanullov I	42052
Emberger L	62193
	630
	72339
Embleton H	5145
	42523
Embleton T W	91293
Emblik E	53539
Embree W D Jr	18914
	27330
	27331
	27333
	88247
Embury Mrs A H	21076
Emel'[illegible]anchikov A N	91999
Emel'[illegible]anov A S	53244
	59183
Emel'[illegible]anov F A	57534
Emel'[illegible]anov I A	27618
Emel'[illegible]anov I E	62456
Emerson A W	49962
Emerson D	19393
	24893
Emerson G A	4044
Emerson H	71815
Emerson H C	7494
Emerson K C	52881
	78259
Emerson O H	36147
Emerson O N	83844
Emerson R	20362
	28676
Emerson S	81472
Emerson W L	83844
Emery	45274
Emery A J	54370
Emery C	50614
Emery C A	57409
	95690
Emery G A	5928
	16274
	33847
	93706
Emery H F	9600
Emery H J	8167
Emge R G	47928
	64331
	64332
Emhardt K H	55517
Emigh W H	7736
Emikh T A	12304
Emiliani G	685
Emilsson B	13560
	19910
	36266
	39050
	54356
	56599
	62629
	64424
	66320
	74152
Emilsson E B	3771
Emmanuël' M V	26352
Emme A M	25112
	52865
Emmel	85900
Emmel E	80607
Emmel L	5929
	68404
Emmental A-G Exportgesellschaft für Schweizerkäse	63838
Emmer	13924
	30930
Emmerich A	63131
	71151
	79969
	95537
Emmerich H	63136
Emmerling	71950
Emmerson J H	51383
Emmerson M A	67345
Emmert E M	49258
Emminger A C	23298
Emminger G	16342
Emmitt R W	47311
Emond E A	24508
Emond R E	91014
Empey G F	12745
	55756
Empey W A	86656
Empire Cotton Growing Corporation	73475 81905
Empson	24379
Empson D W	77944
Empson J	26787
	36494
	36495
	42053
	45275
	45845
	61473
	70785
Emrović B	31955
Emsweller E	842
Emsweller S L	686
	687
	776
	50472
	58976
	72378
	73139
	90768
Emt[illegible]sov V G	86172
Enander H	1934
Encarnação D A da	83652
Encina S	72039
Ende G van den	11786
	16550
	64425
Ender	85628
Ender F	15628
	84292
Enderle W	64740
Enders A	52173
Enders J F	80896
Endersbee W	43182
Endô S	38343
Endo Y	28227
Endrejat E	93171
Endres J	54644
	79744
Endres J F	70862
Endres K	51189
Endress R	20543
Endrigkeit A	93845
	93846
Endrodi S	24734
	34235
	60822

	Item
Ene de Piro M	1935
	2438
	2439
	12964
	13681
	20885
Enebo L	44672
	79617
Enerson H M	35619
Eng R L	85446
Engan-Skei I	8220
Engberg R C	27468
Engdahl B O	18553
Enge G	2350
	19096
Engebretson T O	19215
Engel	28866
	38567
	38568
	68648
	68735
	93707
	93752
Engel A	33579
Engel C	46987
	72131
	87055
	89052
Engel F	7737
	17967
	17968
Engel F M	68369
Engel H	20486
	21684
	22004
	64741
	66321
	90192
	93314
Engel O	54666
Engel' O S	12305
	89965
	89966
Engel R E	11782
	21359
	39983
	74258
	74259
	82347
Engel R W	67269
Engelbrecht G	92023
Engeler W	3821
	59455
	67477
	71402
Engelhard J	3614
	7060
	7206
	7369
	17222
	17410
	25199
	34761
	34991
	34992
	35479
	43972
	43973
	44177
	48423
	53172
	60001
	61347
	61348
	69091
	69323
	78410
	81224

	Item
Engelhard J	82930
	86140
	94314
Engelhard J M	67088
Engelhardt	17746
	20975
	44673
Engelhardt C	14916
	22416
Engelhardt O	57393
Engelhardt W	1804
	52025
Engelhart J	35812
Engelien F	14025
Engelke-Syke	37480
Engelman G	36602
Engelmann	33274
Engelmann C	24009
	51575
	83845
Engelmann H	2177
	2744
	49816
	54036
	66322
	81794
Engels H	32329
Engels O	87988
Engelsen C den	32619
Engene S A	1091
	27406
	27407
	37481
	48213
	63429
Engesaeter E	35223
Engibous J C	74430
Engineering College Research Association Committee on Relations with Military Research Agencies	7607
England C W	44900
	62194
	62195
	70206
	70207
	79132
	87061
England D	33383
England R F	83555
Engle C	31090
	66505
	76032
Engle C S	60679
Engle E A	22802
	26994
Engle L G	3774
	58765
	66922
Engle R M	91265
Engledow E	14170
	74516
	82492
Engledow Sir F	37292
Engledow R A	308
Englehorn C L	40569
	40869
	65044
Englemann L	35881
Engler H	5442
	26995
	76870
Engler K	17294
Englert	65326
Englert H K	51950

	Item
Englert K F	75168
	75169
Englerth G H	15020
	72754
English E	60163
English E H	11368
English H	309
	80528
English L L	6391
English M P	434
English S S	15161
	95266
English Guernsey Cattle Society	59456
English Jersey Cattle Society	15261
Englund E	46251
	80152
Engmann W	51526
Engsbro H	1635
Engstedt G	48844
Engstrom W H	22345
Enigk K	52356
	67346
Enikeev S G	56809
	57370
Enin P K	49617
Enin T K	56810
Enke F von	13220
Enkerlin D	16551
	16552
En'kova E N	89967
Enkvist T	3786
	14997
	14999
	32153
	41578
	50588
	50615
Enloe J A	12610
Ennevaara P	40998
Ennig	82668
Ennis J G	22538
Ennis L Jr	74517
Ennis W B Jr	12306
	30524
	64715
	64742
	65986
	74260
Eno R	41960
Enrica C	93847
Enrich F	35882
Enrile P C	29862
Enright T R	25905
	53866
Enrique Robles P C	54453
Enriquez Chávez A	6585
Enskat G	59890
Ensminger D	37764
	95968
Ensminger G A	76871
Ensminger L G	69794
Ensminger M E	4470
	4491
	4769
	5728
	23050
	23417
	33617
	42069
	42430
	43030
	43065
	43097
	91538
Ensor C R	85246
Enstone R B	14063

	Item
Enstrom A	75589
Ente Nazionale Risi	14043
Entomological Society of Ontario	5880
Entres K	2440
Entrican A R	83506
Entwisle J F	23729
Eny D M	39226
Enzensberger W	67137
	83584
Enzie F D	4872
	51384
Enzie J V	39722
Enzinger H	44313
Enzmann E V	60917
Enzmann E V	61114
Eolkin D	25608
	69550
Epalza T de	16553
Epatko M	94837
Ephrussi B	73045
Epifanov G	41219
Epifanov G P	31335
Epitropou A	88215
Epling C	16719
Epp A W	63536
Epple W S	70054
Epprecht H	1936
Eppright E	72090
Eppright E S	46957
	55907
Epps J M	408
Epps W M	13482
	28867
Epshtein G	36678
Epstein B	4580
	59288
Epstein E	843
	73140
Equer	18387
Erasmus J E	84953
Eraso Navarrete E	4293
Erb C	36970
Erb R E	4294
	15262
	22838
	23101
	23211
	32514
	35064
	50983
	51190
	76156
Erber M	43074
Erbring H	35224
Erdem R	77700
Erdman H E	37934
	37935
	46788
Erdman L W	40495
	66197
Erdman R L	58506
Erdmann	66758
Erdmann H	9341
	9342
	9351
Erdmann W	70934
Erdös J	34508
	61115
Erdsiek A V	46988
Erdtman G	89196
Erdtman H	3806
	28831
Erekson A B	7968
Eremeev G N	13925
Eremeev I	44083
Eremenko P	26156
Eremenko S	17199
Erem'iants E M	62373

	Item
Eremin G	67547
Eremin G P	48424
	51100
Eremin N	25426
Eremin N F	24016
Eremita P	10472
	27805
Ergesian R A	57590
	73858
Ergle D R	12307
	73136
	73141
	81906
	91048
Erhard F	68107
Erhardt A	76531
Erhart C	36864
Erhart G	94778
Erichsen I	35678
Ericksen C A	46746
Erickson A E	14251
	47965
	66131
Erickson A J	80793
Erickson D	78305
Erickson H	89296
Erickson J F	18464
Erickson L C	39051
	47929
	70627
	70628
	91396
Erickson R S	62039
Ericson F L	80090
	80091
Ericsson A	9749
Ericsson G	39466
	39467
Ericsson J	18025
Ericsson O	1560
Eriksen K	48659
Erikson A L	9325
Erikson D	66198
Eriksson E	22037
	82695
Eriksson J	58071
	89464
Eriksson K	84057
Eriksson N	3698
Eriksson R	31179
Eriksson S	78475
	92196
Erina R	65854
Erina R I	90936
Erinç S	63374
Eringa L	13828
Erino R I	65113
Erisman A	49259
Erkamo V	47203
	47207
Erkelens A M	1805
Erkiliç S	89747
	93753
	94155
Erkkilä H	24848
Erlandsen B	65424
Erlanson C O	80856
Erlemann G A	63132
	63133
	71150
Erlemann P	63283
Erlenbach A V	57682
Erlenbach M	85447
Erlenhorst I	4464
Erlewine L D	69688
Erling H G	15595
Erlington J D	17257
Ermacora C	13086
	55195
	62196
Ermakov A I	20443
Erman C	20291
	47930

	Item
Ermilov D K	23004
Ermilov G B	80869
Ermisch K	5434
	85629
Ernest E	13926
	46642
Erni H	42524
Ernould L	554
	28994
	28995
	29847
	34236
	81331
	89496
Ernst	31824
	50496
	54037
	67110
	75527
	83567
Ernst A	91807
Ernst A H	68736
Ernst A J	87532
Ernst A M	63189
	92740
	92745
Ernst D	13221
Ernst E	94185
Ernst E F	49873
	72189
Ernst F	60925
	71816
Ernst J	8989
	26662
	44674
	78878
Ernst J B	62061
Ernst K	42848
Ernst R	84293
	84294
Ernst-Schwarzenbach M	64743
Ernvik A	50165
Erokhina A A	49381
	91251
Erotokritou C	71951
Errecalde J E	76281
Errera J	8461
	70379
Ershoff B H	63885
Ershov A V	35963
Ershov L A	57451
Ershov V S	51827
Erskine D	47910
	73118
Erskine D S	11462
Ertel H	67548
Erteld W	92016
Ertl L	64744
Ervin J O	21563
	21564
Ervin M D	56331
Ervifšova E	36562
Erwin C C	79074
Erwin L E	23951
	51615
	84863
Erwin W R	52536
Es F W J van	40561
Esaîan G S	30069
	73859
Esaulov P	36496
Esaulov P A	59415
Esaulov P V	51861
Esbo H	12611
	48214
Escauriaza R de	11243
	37024
	40327
Eschauzier W A	12746
	39468
Esche	8050
	26040
	35785
	70055
Esche E	25906
	87022
	87062
Eschenburg H	7298
Escher P A	66254
Eschhaus K E	36350
	36351
	79571
	87567
Eschinazi H E	45769
Eschini E	83694
Eschment	3396
Escobar C G	58254
Escobar Ballestas A	84058
Escobar y Córdoba J	47495
Escobet V G	94941
Escola Superior de Agricultura "Luiz de Queiroz"	91202
	91298
Escorihuela E	9406
Escritt J R	91015
Escuela Nacional de Agricultura	46643
Esfandiari E	72477
Esfera	27755
Esh G C	38131
Eshbach C	17620
Eshbaugh F P	14171
Eshuis J A	74717
	95898
Eskedal H W	4467
	4760
	23206
	23226
	36497
	76033
	84200
Eskeland A	27234
	46475
Eskenasy-Skena A	26353
Eskerod A	55602
Eskerud O	94797
	94824
Eskew R K	5240
	8843
	26580
	36697
	54344
	62593
	70313
	70655
Eskey C R	6907
Eskola S	45303
Eskolsky M	71540
Esmay M L	94413
Esmay P O	39873
Esmenard G	32515
Esmond C W	94782
Español Coll F	60823
Espeland T	50166
Espenas L D	50459
Espenmiller H P	41539
	59064
Espeso del Pozo G	11244
	15228
Espil L	67213
	75653
Espin J	15585
Espinet G	63591
Espinós L	5805
Espinosa M O de	22140
Espirito Santo J do	22924
Esplin A	93133
Esplin A L	82969
Esposito A	73142
Esposito R G	67270
Espouy F	33275
Esquivias M	14328
Essary E O	26996
	26997
	54769
Esselen W B	45419
	54316
	62594
Esselen W B Jr	8874
	25612
	35370
	78788
	86650
	95071
Essen H van	36267
Essen W J Van	95435
Essene J C	10873
Esser J	1348
	39469
	81795
Esserman H B	42944
Essert Z	59474
	92275
Essig E O	5881
	16188
	77945
	93315
Essipoff M A	35371
Esskuchen	2745
	37293
	48425
	90330
Esskuchen E	12747
Esson J G	13222
	49147
Establier Costa V	54096
Estang J	7456
Esteban A	71326
	88216
Esteban M	9192
	9523
	26041
	26833
	67441
Estes J A	5041
	23572
	37764
	42431
Esteve J L	63935
Esteves-de-Sousa A	688
	844
Esther H	85727
Estienne A	66440
Estrada R F	16826
Estrada Hillerman E	5663
Estremera de Cabezas M	85482
Êstrin A M	33580
Esty J R	7608
Etave J	7969
Etchebarne J	57063
Etheredge M P	94898
Etheredge S	39035
Etheridge E	75311
Etherington M G	67944
Ethridge R	88749
Etienne A D	69795
	69796
Etienne P	69467
Étigny J d'	67442
Etkin W	68370
Eto M	86068
Etter A G	12308
Etter H	58766
Ettinger J	1173
	19479
	87393
	90933
	95026
Eubank M F	40870
Eubanks K W	22612
Eula	63273
	71263
	71264
Euler H von	70721
Euler R	9916
	27373
Eunus A M	38902
	89824
European Plant Protection Committee	24735
Eusebio A N	3878
Eustace H J	18257
	89111
Eustache E	57683
Eustis E B	85560
Euting H H	91911
Euw J von	12550
	48180
Euzeby	93251
Euzéby J	4043
Eva W J	26663
	94594
Evanko A B	48426
	57932
	85630
Evanoff V	55962
Evans A S	33276
Evans A T	52534
Evans A W	56332
Evans B	42981
Evans B R	77047
	93197
Evans C D	36698
	70380
	94617
Evans D	14817
	34993
Evans D D	58075
Evans D H	32235
	51506
	69225
Evans D W	45660
	95377
Evans E	18465
Evans E B	26664
	36352
Evans E F	13829
	14172
	19000
	29699
	40788
	58417
	65100
	74718
	89150
Evans E H	31091
	85310
Evans E J	40460
Evans E T R	5042
	15672
Evans E V	67911
Evans F C	72918
	72924
	72925
Evans F R	61123
Evans G	92420
Evans G E	71817
Evans G L B	86391
Evans G O	43380
	52357
	60765
	85561
	85562
Evans G W	32890
Evans H	47931
	74347
Evans H E	43714
Evans H J	33277
Evans H L	85453
Evans H W	59060
Evans J	40401
	61552
	90769
Evans J A	64426
	72662
Evans J B	18528
	53476
Evans J C	63968
Evans J C W	22646
	32075
Evans J D D	50292
Evans J H	10958
Evans J N	1937
Evans J R A	54712
Evans J W	11162
	68814
Evans L T	66175
Evans M	64977
	74261
	91016
Evans N A	74715
Evans N W	11035
Evans O R	11245
	19634
	37482
	50828
Evans R B	24440
Evans R F	25883
Evans R J	7609
	55924
	90397
Evans R M	71224
Evans S	13561
Evans S C	88184
Evans S Statistical Serv	8990
	8991
	18388
	45510
	62682
	87568
Evans T H	11299
	19697
	38283
Evans T W	9750
Evans W	8619
Evans W C	5042
	15672
	39227
	46154
	49475
Evans W D	39658
Evans W H	25032
Evans W M	83862
Evans W M R	88473
Evans Schultes R See Schultes, R. E.	
Evaporated Milk Association	28168
	44986
Evdokimova T P	12361
	29293
	29294
Eveleth D F	4081
	15224
	32303
	32347
	33260
	50846
	76784
	76799
	79722
	92599
Even-Odem J	83846
Evenari M	12865
	81612
	81624
	82493
Evenhuis H H	6777
Evenhuis N	8221
	26157
	53932
	87063

Evenius 43296 68542
Evenius J 20841 85493
Everest D C 59061 83483
Everett A C 78649
Everett C A 65575 90770
Everett C F 91009
Everett G D 87569
Everett H L 40204 81844
Everett H P 49861 55446
Everett P 48743 58012
Everett T H 30224 48955 57410 57684
Everist S L 2351 5025
Everling E 12309
Everly R T 1349 6650 16827 65101 77923
Evers J 68543 77380
Evers K 22447 44856 91935
Evers R A 11369
Evers W 66605 71205
Everson E C 14020
Everson G 89043
Everson L 45935
Everson L E 30525 39052 65950
Everts A B 3509 3510 31776 31871
Every D 50529
Every R W 28809 33849 52773
Évrard 63615
Évrard F 89297
Évrard L 73107
Evreinoff V A 22208 39874 40649 82494
Evseenko P M 37189
Evseenko V I 50264
Evseenkov N 24509
Evseev P E 76282
Evsev'ev K M 78624
Evstigneev V B 56976
Evteev V 7258
Evtikhiev N E 39559
Evtushenko M V 2178
Ewald G E 58013
Ewalt H P 50984
Ewan J 11463 11464 38436
Ewart G Y 49528 49874
Ewart K 69092
Ewart W H 5915 16824 16825 24369 34452 43651 43670
Ewer T K 16023 42945 42946 68224
Ewers J 32076
Ewert H 5819
Ewert W F 36601
Ewertz B 27173
Ewing A 40178 56495
Ewing E C 35964
Ewing J A 76197 82863
Ewing J T 2910 6131 14173 37936 63239
Ewing K P 52076 54169 94077
Ewing P L 4044
Ewing Q 19688 38265
Ewing R B 63788
Exel E 69261
Exell A W 80957
Exline H 16488
Exposição Nacional de Animais e Produtos Derivados 41920
Ext 310
Ext W 26581 89497 93394
Ey R 69324
Eyerdam W J 64254 89447
Eyfells E 17411 46789
Eygenraam C C L 27469
Eyles D E 52595 60074 68793 77920
Eymé J 38903
Eyndhoven G L van 19639 96206
Eyquem A 60351 84662
Eyre F A 45661
Eyre P W 2300
Eyres R A 47080
Eyring H 18136 70374
Eyster C J 33718
Eyster H C 29252
Eysvoogel W F 74719 74720
Eytan E 74954
Ezcurra J C 54574
Ezekiel M 9751 10046 10047 10048
Ezell B D 36268 47932
Ezerman A 26158
Ezzat A W 27806
Ezzell A 61750

Faan F C 11991
Fabbri A 311 28739
Fabbri G 8992
Fabbri R 4761 50939 50940
Faber J E 59709
Faber W 24736 60824 72543
Fabergé A C 77701 20205 43504
Fabian 79572
Fabian F W 8844 26587 45304 54357 87474
Fabiani F 59184 59565
Fabiani G 15447
Fabiani L 73143
Fabiano P 69797
Fabius F 64255
Fables D 11465
Fabre R 10959 36848 85349 87930
Fábregas H 50829 51191 63886 89081
Fabregas R 40446
Fabregues Soler J M de 44675
Fabric Research Laboratories 79301
Fábricas de Manteca "Sancor" 35720
Fabricatore J A 845 38523 73144
Fabricius H 37294
Fabricius W 22209
Fabrini E 8462 26354 35965 62368 70381
Fabris A 4762 25983
Fabris H A 89298
Faccincani F 92835
Faccioli F 53023
Facetti D 85312 93855 93856
Fach P 4763 15419 32711 49618
Fadeev E 9752
Fadler L F 45337
Faegri K 91808
Faenza V 54097
Faes H 85631
Faessler P 66506
Faester K 16895
Fafard A 14697 58874
Fagan B 7348
Fagan D V 46644
Fagan R 83847
Fagan V J 9300 24322 52002 52003 77138 79725
Fagel G 52424 52425 52426
Fagen H J 79302
Fager E W 20297 94078
Fagerlind F 81473 89197
Fagerson I S 45419 55917 62594
Fagg E 53818
Fagot V 67478 67734 67735
Fagotti B 94350
Fahey J E 5962 6043 26665 33865 77219 93520 95075
Fahmy O G 43505
Fahn A 72949 81417
Fahnenbrock M 83671
Fåhraeus G 81555 81766
Fahringer F 6971 6972 6973 17223 25200 69093
Fahringer J 68879
Fahrnschon H 35480
Fahys J 86734
Failla M L 32918
Faillet P 52118
Fain A 52525 85563 93918
Fain P 84295
Fainbrun D 26159 94798
Faine S 28169
Fainzil'ber E M 87570
Fair B C 13223
Fair E W 8360 18026
Fair G M 24889
Fairbank W H 22382
Fairbanks B W 3944
Fairbanks G E 69295 69296
Fairbanks S 57685
Fairbarns D K 44901
Fairbrother F 47933
Fairchild D 30225 47044 65378
Fairchild F C 62101
Fairchild G B 16682 16683 77841
Fairchild K H 53632
Fairchild L M 20282 56795 65576
Fairchild Engine and Airplane Corporation 22391
Fairfax-Blakeborough J 37655
Faith W L 25717
Faithful D E 17113
Faithful W 58255 90411
Faivre M 28427 90626
Faivre-Amiot A 11637 19987
Faixão J S da 47496
Fajardo P S 2179 13459
Fajersson F 11787 48270 49619 49620 79573 90234
Falaschini A 42525
Falch J 12127 26582 45420 70629 81556
Falchi P 25804
Falcioni A C 23207
Falck I 33668
Falcone M A 35966
Falconer D P 40956
Falconer H C 79574
Falconer J I 18898
Faldini J D 79378
Fales J H 33924 34656 78230
Falk E 10946 48660
Falk G 15700
Falk K 30226
Falk K B 8675
Falk W 8993
Falkenberg J 33988
Falkenburg L B 18620
Fal'kovich IU E 35481
Fall E 66949
Fall S 65845
Fallbrook Citrus Association 36185
Fallis A M 23917
Fallis K E 74262 91017
Fallon H J 67819
Fallows P 62486
Faloon D B 15882
Falugiani L 58550
Famularo N 18902 46520 63610 88629
Fan C S 7738
Fan-fung A F 26583 87475
Fan Staden J F 1266
Fandeev B 23098 41961
Fandiño López T 18764 18765
Fanelli L 7739 10960 18316 37802
Fanfani A 27470 55196 71206
Fangauf 9524 76739 95378

	Item
Fangauf K W	5597
	26788
	60075
	84811
Fangauf R	5234
	5597
	33193
	42585
	45846
	60209
	76740
	76872
	79202
	79847
	94422
Fangmann A	81845
Fangmeyer W	22088
	46135
Fankhauser H	71952
Fankhauser R	15581
	32919
	33278
	51196
Fanning J W	8103
	19097
	27723
	46252
	67443
	87714
	95941
Fanning R J	38077
Fano F	8463
Fanti O D	54825
Fantini O	37656
Fanto-Kurtos R H	92804
Farazin F	77381
Färber A	24285
	32154
	75669
Farber M	2911
	21852
	39659
	49875
	58418
	58419
	66507
	91397
Farbrother H G	38275
Fardy A	29085
	29148
	29391
	29457
Farey E A	77015
Faria E R	72663
Faria e Maia V M	4295
Farias J A de	15076
Farias Crespo A	8926
	18194
Farina R	51192
	60352
Farinaud M E	24894
Farinet P	69895
Farinha J	57071
	81846
Faris J E	76774
	95365
Faris L M	8361
	59185
	67271
Faris P O	3037
	14174
Farleigh E A	23299
Farley A J	13043
	48775
	82146
	87443
Farley F W	76113
Farley G G	62457
Farley H	15163
Farley M L	5706
Farley T	4873
	32920
Farley W F	75590
Farm Foundation	63375
	71818
Farm Implement News Co	44178
	61349
Farm Land Reform Recording Committee	80376
Farm Quarterly	93285
Farma C	23208
	51101
Farmar H	13224
Farmer A	47820
	56811
	72544
Farmer B H	88603
Farmer E H	18669
Farmer F M	38078
Farmer L E	61751
Farmer R	30227
	30957
	40671
	90813
Farmer R H	59086
	75647
Farmer R K	33279
Farmer S	3879
	4465
	25427
	25478
	27690
	43994
	44064
	44065
	53310
	61525
	69262
	69263
	74676
Farmer and Stock-Breeder	83997
	83998
Farmers Co-operative Exchange	18128
Farmers Co-operative Grain Dealers Association of Oklahoma	8994
	54454
Farmers' Co-operative Wool and Produce Union	26355
Farmers Educational and Cooperative Union of America	10667
	10826
	80554
	80555
Farmers Elevator Association of Minnesota	45511
Farmers Elevator Association of South Dakota	54455
Farmers Grain Dealers Association of Illinois	54456
Farmers Grain Dealers Association of Iowa	36353
Farmers Grain Dealers Association of North Dakota	36354
Farmers Union Grain Terminal Association	45512
Farmers Union Jobbing Association (Co-operative)	46790
Farmilo T	30423
	30424
Farming Productivity Team	27421
Farnden T H G	60668
Farneck J	42526
Farnek	5146
Farnham H B	65577
Farnham M G	17969
	8222
Farnham N G	77006
Farnham R B	21077
	21078
Farnsworth G M Jr	33125
Farnsworth H V	87195
Farnsworth M W	24803
Farnsworth R B	11563
Farnsworth W V	71683
Farnworth A J	70382
Farny O	62013
Farooq M	12128
	56684
Farquha R C	67479
Farquhar R N	3038
Farquharson J	42463
	59640
	84296
Farquharson R A	10049
Farr M	88750
Farr M M	68051
	84864
	84887
Farr W D	32620
Farr & Co	27113
Farrall A W	7160
	69059
	79121
Farrall H H	13225
Farrar C L	6132
	43297
	68544
	77382
	93580
Farrar M D	33925
	34275
	43170
	52044
	93848
Farrell A	79260
Farrell B H	55366
Farrell E P	87571
Farrell F D	10668
	95273
Farrell K T	86735
Farrell M W	36200
Farrell R L	60458
Farrell W K	1370
Farrier M H	77648
Farrington E I	38344
	53024
	61418
	90771
Farrington R L	9805
	44751
	71237
	80030
	88185
	95611
Farris M J	22647
	41530
Farris R	54366
Farron E	77383
Farron P E	58882
Farroni G	16913
Farrow G T	4972
Farrow W M	56496
Farský R	43652
Farstad C W	52714
Farwell E D	71537
Farwell F E	846
Farwell G	6930
Farwell J	27947
Farwick B L	73965
Fasihuddin M	70709
Fasihuddlen M	8995
Fassati M	43434
Fassett N C	121
	28526
Fassetta L	82970
Fassuliotis G	20117
	81366
Fast H	39178
Fast M	46864
Fastrich W	53633
Fatchikhina O E	91333
Fateev K IA	59900
Fath A	7098
	34953
Fatherree A P	34750
	46375
Fatin J R	28237
Fatkullin Kh N	39470
Fattig P W	34237
Fauber H	30406
Faudella F	26357
Faught W A	18068
	36083
Faulder J H	46376
	73529
Faulkender C R	22676
Faulkner E	61419
Faulkner E H	40306
Faulkner J D	86596
	86998
Faulkner K K	30526
Faulkner M B	69565
Faulkner R	31588
	83408
Faulknor C V	40782
Faull G L	84694
	84695
Fauquet G	10874
Faura C R	49501
Faure	21853
Faure J	26453
Faure J C A	79789
	87849
Faure J P	81142
Faure P	16690
Faurel L	89448
	89449
Fausch H D	23209
Fausel W	9662
	18766
	27114
	48609
	95503
Faust C E	21070
Faust H P	53933
Faust R	77160
Fauster J	50985
Faustini R	84297
	92276
	92277
Fauvart M	78660
Fauvel C	4466
Fava E	59306
Favard P	38569
	47375
	77209
	78016
	81143
Favejee J C L	58169
Faver A R	5930
Favera R dalla	3822
	23099
Faviell-Barrs A H	3039
Favier Père	92278
Faville L W	8669
	79364
Favinger J	52026
	60508
Favorite F G	43266
Favresse S	4764
Favret E	507
Fawcett C H	94456
Fawcett H	88474
Fawcett K I	8785
Fawcett M S	10669
Fay M J	56179
Fay R W	24869
	68706
	69038
Fayaud A	58014
	58015
	62903
Fazakerley T W	36849
	63043
	63044
Fazio F	42073
	85174
Fazio S	1938
	13226
Feagan J	4765
Feagan J T	8223
	8224
	35813
	35814
Fearing O S	81096
Fearn J T	33280
	51828
	61307
Fearn J W	26560
	62569
Fearnehough T D	52774
Fearnley C	62369
Fearon B H	50371
Fearon E E	10584
Feaster C V	72807
Feaster J P	76797
Feather G A	28295
Feathers D L	65578
Featherstone J	48427
Feazell G D	72664
Fébreas H	19325
Fechner G H	14833
	22445
	41453
Fechner J	50830
Fechtig C W	27975
Féchy A M	68545
Fedde M	19520
Fedele F	78661
	82971
	94487
Fedele V	10961
	18938
	37054
	37296
	55757
	71403
Fedeli A	15263
Fedenfük A I	86450

Feder E 45847, 53867, 71238
Feder N 34597, 34624
Feder W A 604, 9725, 64115, 72891, 81225
Federação Nacional dos Industriais de Lanificios 94942
Federação Nacional dos Produtores de Trigo 45513, 87572
Federación de Cajas de Crédito 9806
Federación Nacional de Cafeteros 13675
Comite Dept de Antioquia 82610
Federación Rural 70786, 71953
Federal Land Bank of Wichita 88186
Federal Reserve Bank of Chicago Research and Statistics Dep 80153
Federal Reserve Bank of San Francisco 88078
Federal-State Crop Reporting Serv 53581
Federal Viticultural Council of Australia 78879
Federated Farmers of New Zealand Women's Div 10875
Fédération Belgo-Luxembourgeoise des Industries du Tabac 18811
Federation of Malaya Dept of Agriculture 35414
Federation of Malaya Dept of Forestry 22158, 22590
Federation of Malaya Dept of Statistics 25700, 27064
Federation of Malaya Malaria Advisory Board 16776
Federation of Malaya Veterinary Dept 61006, 83895
Fédération des Syndicats d'Elevage du Protectorat 15264
Fédération des Syndicats de Producteurs de Papiers Cartons et Celluloses Bur d'Études 87023
Fédération Internationale de Laiterie 17825
Fédération Nationale des Producteurs de l'Horticulture et des Pépiniéres 8620
Fédération Nationale des Producteurs de Plants de Pommes de Terre 30425
Fédération Nationale des Syndicats d'Exploitants Agricoles 88898
Fédération Nationale des Syndicats des Industries de l'Alimentation 44389
Federation Nationale des Syndicats de Propietaires Forestiers Sylviculteurs 31404
Federer W T 12712, 56122
Federici M 72091
Federico L 8660, 17870
Federico S 31336, 40573, 41270, 75138
Federl F 77384
Fedin A Kh 81557
Fedina O A 61293
Fedishin V P 42138
Fedón C S A 20115
Fedorenko M M 1736, 90627
Fedorenko S 31405
Fedorov A A 12129, 38904, 89825
Fedorov I M 53104
Fedorov M A 1692, 31406, 47934
Fedorov M V 13794, 13795, 21553
Fedorov N 36642
Fedorov P F 31663, 83388
Fedorova E P 22089
Fedorova I N 82730
Fedorovich A G 25866
Fedorovich B A 82972
Fedoseev B V 48428, 61474, 78482, 86258
Fedoseev N 59410
Fedoseeva A 24510
Fedosov N F 43317
Fedotov A I 23621
Fedotov P A 23679
Fedrizzi G B 60766
Fedtke 1092, 46521, 54038, 54188, 58256, 67549
Feduchy Mariño E 913, 7740, 13087, 48103, 70737
Fedulova E F 42164
Fedulova L P 40650
Feekes W 64978
Feemster R F 8104
Feeney R E 9525, 27020, 79848
Feenstra P 1939, 13227, 13228
Feest F 91553
Feffer F M 3135
Feffer M 15701
Fefilov V V 41577
Fehlandt P R 69425, 89299
Fehlberg E R 7647
Fehlinger H 31481
Fehr A 62014
Fehr F F 4874
Fehr F & Co 9407
Fehr H E 27948
Fehr J A 12855
Fehr J C 5598
Fehrman B 21521
Feibel F 15825, 60136
Feichtmeir E F 60628
Feierabend P 3332
Feige 71539
Feigenbaum J 26485
Feijoo y Montenegro B J 55197
Feilberg C L 31092
Feiler E 64745
Feiman I I 35967
Fein H 69896, 70056, 86986
Feinberg B 9150
Feinbrun N 56673
Feinstein L 93521
Feis N 78520, 86320
Feisst 37042
Feistritzer W 52627, 82495
Feitsarenko A I 47821
Felx E 49876, 49877, 58420
Felx H 25285, 53068, 61435, 78411, 78412, 78430, 86141
Felcourt de 55758
Felcourt E de 86567
Feldberg W 15578
Felder A P 86646, 86647, 89134
Feldmaier C 73966
Feldman A W 65951
Feldman E S 22697
Feldman H F 33587
Feldman S 73530
Feldman-Muhsam B 24687
Feldmann B 37483
Feldmann F J 90331
Feldmann G 11564, 19860, 81558
Feldmann J 11564, 19859, 19860, 64278, 72452, 81558
Feldmesser J 20117, 56624, 81366
Feldner H 13460
Feldstein M 77304
Felföldy L J M 23149
Felhauer T 76034
Félice P de 10473, 10474, 10475, 10476, 37657, 55063, 55518, 88630
Feliciani A 12748, 49529, 49963
Felis R C 91912
Feliu S 51890, 68354, 77048
Felix B 17907
Felix C J 64103
Felix E L 64427, 64428, 72665, 72666
Felix L C 57499, 73406
Fell G 88043
Fell H B 92600
Fell P 32704
Fellenberg T von 62595
Fellers C R 8874, 25612, 35370, 53657, 78788, 86650, 95071
Felleskjøpet 61752
Fellhauer T 15521
Fellhofer J 71184
Fellmer H 88043
Fellner C de 19098
Fellner C L 37631
Fellows E S 31407, 58883
Fellows H 12007, 89708
Fellows I F 10415, 56094, 80258, 95854
Fells D M 52944
Felmet B 19406
Fels O 60011, 92905
Felsing E 6133
Felt E J 2630
Feltens 70097
Felton C W 25800
Felton R A 10670
Felts J H 76961
Felts V 42982
Feltwell R 33194, 68108
Fenaroli L 1174, 1175, 12612, 20544, 48271, 54457, 64979, 64980, 74263, 80870, 82553
Fender K M 16554, 34238
Fenger E 55647
Fenger N 15639
Fenger P 4467
Fenicia M 62895
Feniksova R V 44568
Fenili G A 85728, 85729
Fenjves P 43262, 60825, 93395
Fenley J M 75657
Fenn L S 9146, 44499
Fennah R G 6651, 25124, 43640, 52628
Fenne S B 20099, 47376
Fennell D I 64556, 23119, 28709, 38546
Fennell J L 48845
Fennell T A Jr 39984, 65579
Fenner C 92746
Fenner F 85021, 85797
Fennessy B V 80734
Fennessy R 55586
Fenoglietto L 78880
Fense H 39471, 81974
Fenska R R 81144
Fenske T H 38326
Fensom K G 41435, 75388
Fenster J 37803
Fenton F 8913, 44569, 54646
Fenton F A 33850, 34171, 43171
Fenton F C 79621, 87669
Fenton G R 83403
Fenton K J 741
Fenton W N 37742
Fenucci L 46645
Fenwick A 66986
Fenwick D W 605, 38836, 38837, 89740
Fenzau C J 61590
Feofilaktov V V 29448
Feoktistov A 26160
Ferat A 637
Feraud M 83172
Feraud M M 91539
Ferber A E 3363
Ferberg B 44179
Ferchl F 58016, 74348
Ferdinandov V V 23730
Fergason R C 17345
Fergus C L 47521, 56812, 89592
Fergus H 41709
Ferguson A C 30406
Ferguson A E 33169, 76800
Ferguson B L 39985
Ferguson C M 10671, 30855
Ferguson D C 16982
Ferguson E A 62904
Ferguson F L 14064, 91398
Ferguson G S B 46461, 95844

	Item
Ferguson H	37297
	56103
Ferguson H A	86342
Ferguson H C	30527
Ferguson H G	27471
Ferguson I A C	1176
Ferguson J	3107
	16275
	32516
Ferguson J C	17413
	78539
Ferguson J H A	14541
Ferguson K A	16001
Ferguson L C	59307
	59641
	60480
	92416
Ferguson M H	89755
Ferguson M S	23491
Ferguson P	61243
	68989
	68990
Ferguson R H	51695
Ferguson R S	13229
Ferguson S E	23492
Ferguson W	1561
	56497
	91018
	91019
	91020
Fergusson W	8464
Ferkl F	20292
Ferlan L	28527
Ferlenius G R	2441
	65327
Ferling G G	23300
Ferlitsch H	10685
Fernandes A	23150
	64187
	80958
	81418
	81419
Fernandes A G	66323
Fernandes B	11466
Fernandes H	58694
Fernandes J S	9753
	19326
	46253
	70208
Fernandes P da S	53903
Fernandes R	80959
Fernández A	95066
Fernández D	55918
Fernández G M	53934
Fernandez R	847
Fernandez S P	22168
Fernández-Armenta M	36355
	46522
Fernández Artiles R	73669
Fernández Baca A	85083
Fernandez C L	60171
Fernández-Cano L H	17747
	22803
	48103
	53561
	70737
	83653
Fernandez Castro J	64109
Fernandez de la Puente V	82255
Fernández Diez G	71207
Fernández Diez M	79780
Fernández Diez M J	87850
Fernandez F T	82830
Fernández G A	91809
Fernandez-Galiano F E	89793
Fernández Larraín S	10050
Fernandez Navamuel M	42139
Fernández Peña S	79393
Fernandez Prida C	35968
	54098
Fernandez Prieto F	10273
Fernández R G	79371
Fernández Roseñada R	40179
Fernandez V R	50831
Fernández Valiela M V	72545
	72838
Fernández y Fernañdez R	18877
	28260
	36340
	63207
	71584
Fernández Yépez F	60825
	94079
Fernando E F W	94156
Fernando G A	80608
Fernando H E	43874
Fernando M	29253
Fernando Q	35482
Fernando T M	30931
Fernando W V	20886
Fernau F W	54099
Fernhurst International Conference	47377
Fernqvist N	19099
Ferns S J	33384
Feron M	93849
Feroni F C	27472
Ferragut Leon C	51302
Ferraguti A	52077
	52629
	52775
Ferraguti M	72133
Ferrand G	19327
Ferrand M	13769
	13927
	74518
Ferrando E H	92266
Ferrando R	4045
	15077
	30813
	75972
	76629
	76741
	76742
	83751
	93283
Ferrao A P S da F	68405
Ferrara A	26936
Ferrara B	16002
	84579
Ferrarese M	35483
Ferrari A	53868
Ferrari E	4296
	10051
	51303
Ferrari H C	25907
Ferrari L	4590
	45691
Ferrari P V	9408
	18621
	53414
	78722
Ferrari T J	13928
Ferrari R	7061
Ferrari R C	53049
Ferrari T J	82496
Ferrari Billoch F	45770
Ferrarini E	19911
Ferraris E	54189
Ferraz M de B	17595
Ferraz O de A	87024
Ferre C K	46791
	87927
Ferré Y de	56813
Ferree R J	74153
Ferreira A	29553
Ferreira A do N	1177
	39335
Ferreira A J F	7610
Ferreira E A	15671
Ferreira F	83047
Ferreira F H	31518
Ferreira I L	76137
Ferreira J	60137
Ferreira Filho C	63045
	63046
	87991
	87992
Ferreira Filho J C	90469
Ferreira Filho O J	1737
	18317
	62905
Ferrell G	76436
Ferrell W K	2636
Ferrer F A L	27115
Ferrer V O	20545
Ferrer Delgado R	21620
Ferrer Palaus J	84444
Ferrero F	69798
	71819
Ferres H M	47935
Ferret M	81994
Ferreyra L G	78692
	94218
Ferreyra R	80960
	80961
Ferretti A	59151
Ferri M G	39053
Ferri P	44676
Ferrier W T	36186
Ferrière C	34509
	43715
	43716
	68880
	68881
Ferrière J de	88331
Ferrin E F	5764
	5765
	16065
	24257
	33672
	33673
	43032
	43037
	77072
Ferriols V	4046
	9193
	23418
Ferris C	14654
Ferris C D	34700
Ferris D H	85311
Ferris G F	17174
	43653
	43654
	43682
Ferris H J	66643
	66644
Ferris J M	42330
Ferris R S	52630
Ferro L	75648
Ferro Colton R	25908
Ferry P	57072
Ferry R S	43435
Fersini A	13852
Fertig G	63708
Fertig S N	49260
Fertman G I	35484
	69799
Ferwerda F P	12613
	12614
	57073
Ferwerda J D	58257
	91294
Fesenko L	91952
Fesenko N V	56729
Fe Serra J	50986
Fesneau M	21435
Fessel F	59045
	83518
	92084
	92085
Fessler D R	80593
Fessler J H	53634
	53635
	78881
Festenessi J J I	83352
Fester G A	70922
Festy O	21803
Fethers G	5043
	5640
	5664
	16003
	24158
	59933
	68200
	75758
	93146
Fetherston G H	40914
Fetrow W W	19407
	62441
Fetter J F	15970
Fetterman B V	21205
Fetterolf H C	88863
Fetzer W R	87573
Feucht O	58691
Feuchter	6435
Feuell A J	49344
	79261
Feuerlein W	43974
Feuge R O	9409
	9410
	36699
	36719
	87853
Feustel I C	9606
Fevrier J G	41962
Février J G	8996
	45167
Février R	4228
	5760
	5856
	16117
	23227
	45736
	70851
	70852
	84241
	93225
	95258
Feydt G	7741
Fiala Y	52526
Fialka	8997
Fialka-Batanager K	95304
Fialko N	7240
Fialkov A	94752
Fiasson R	66803
	75054
Fiasson S	74129
Fice K	15953
Fich C	3108
	12910
	71611
Fick J F	84298
Ficker T L	12130
Fickewirth E	78097
Fickler H H	59101
	83654
Fidanza F	5300
Fiddian W E H	3880
Fiddler E T	3040
Fidel Castro M	66057
Fidler H E	77304
Fidler J C	8845
	62596
	79394
	94498
	94605
Fidler L B	27949
Fiedler C	6436
	16555
	24737
Fiedler K H	71538
Fiedler O G H	16684
	43506
	52027
	77842
Field E J	32330
Field E T	9410
	62745
Field H I	84262
Field T	32831
Field W D	6778
	43783
	52776
	78098
Field X	48956
Field-Fisher T G	32442
Fielding C	63158
Fielding J M	28749
	75240
Fielding M J	606
Fielding W L	19328
	71320
	80472
Fields M	48121
Fields M D	95305
Fields R	43381
Fiennes	84299
R N T W	92601
Fier E H	80556
Fiera di Bologna	95027
Fiero J B	60548
Fiestas B	87865
Fife L C	43172
	52078
	52427
Fife L S	63574
	63576
	71553
	77702
Fife R R	44570
	54557
Fifer R	7873
	53819
	53935
Figilister R	58849
Figueira A dos R	2858
	2891
Figueredo G P	88915
Figueiredo O A	91679
Figueiredo P de	37103
Figueiredo T P de	13787
Figueiredo Jr E R de	24688
	60918
	61056
	63493
Figueroa P A	93396

Figueroa Infante J Item 59152, 83695, 92421
Figuerola L C G de 66606
Figuls M 26666, 54458
Fiji Dept of Agriculture 55963
Fiji Dept of Forestry 14374
Fiji Registrar of Co-operative Societies 55759
Fike R H 14976
Filaferro G 74721
Filatkin P 50718
Filatov I M 32443, 68355
Filatov P V 5044
Filatova O F 24511
Fileds J 66700
Fileni E 19698, 52079, 71321, 71322, 80473
Filesi T 54982
Filho H A 58031
Filimonov A A 49179
Filimonov M A 29254, 63075, 73531, 81559
Filinger G A 1738, 13088, 48699
Filipello F 53636
Filipenko I M 28868, 31692, 90547
Filipenko V T 53069
Filipović D 59457
Filipovic J 74722
Filipponi A 64437
Filippov A I 86258
Filippov B A 35485
Filippov D I 58017
Filippov G A 91953
Filippov M N 90332
Filippov V N 33528
Filippov V P 24512
Filippova V 40564
Filippovich Z S 40454
Filipson E 76218
Fillmore R H 12911, 13230, 20793, 20794, 65580
Filman C C 65846
Filmer J F 50832, 67228
Filmer R S 43231, 56443, 77295, 77385
Filonov G I 24513
Filonzi A 19408
Filt A 78629
Filz W F 62597
ilzer P 12066
Fina A L de 12067, 12965, 56087, 81378, 86520
Finch F H 4766, 32517
Finch L R 848
Fincham J R S 20444, 38968
Fincham R C 4297, 51287
Fincher M G 15476, 59458, 59934
Fincke A 92616, 9663, 9670, 18767, 45983, 71121
Fincke H 96151, 7611, 17628, 35486, 36919, 44677, 61793, 61925, 63936
Finckenstein K Graf 48957, 65581, 65582
Findlay T H 30228
Findlay W P K 14804, 28869, 39221, 75495
Findlen H 12502, 18258
Findlen P J 45380
Findley W R Jr 28932, 89615
Findrik M 83696
Fine B 10672
Fine H 49621
Fine J S 19422
Fine N C 60399
Finell J 17515
Fineman M N 83609
Finet F 65459
Finger 2859, 40651
Finger O 35152
Fingerman M 85730, 85731
Finholt R W 31976
Fink G 38774
Fink H C 47497, 47498, 47499
Fink J 13853
Fink L B 54618, 95274
Fink M 86142
Fink M A 76942
Finke O 79936
Finke W 17928
Finkel' L A 78242
Finkel' S B 53797
Finkel'shtein I I 62370
Finkel'shtein N A 25853
Finkelstein T 94943
Finkenzeller R 25201
Finkle D 51616
Finkner A L 96249
Finkner V C 38669
Finland 46918
Finland Statistiska Centralbyrån 53582
Finland Valtion 79904
Finland Valtion Siementarkastuslaitos 58990
Finland Valtion Teknillinen Tutkimuslaitos 59035, 59118
Finlands 67029
Flottareforening
Finlay G F 15265, 83697
Finlay K W 13461
Finlayson D G 93510
Finlayson M K 36778
Finley J J 76437
Finley M R 68356
Finn H 1350
Finn H R 12615, 25321, 53245
Finn R F 47936
Finn T P 21360
Finn-Kelcey P 44121
Finneburgh M L 44857, 94779
Finnegan P H 19746
Finnell H E 9638, 81786
Finnell H H 3041, 58507
Finnsson H 19170
Finocchiaro M 73711
Finogenov A 63839
Finsbury London Public Health Dept
Finstad K 57214, 65102
Finus K F 92873
Finzi M 19570
Fiorentino A 15266, 23100, 84255
Fioretti D 81847
Fiori G 77703, 77704
Fiori L A 8465
Fiorini G 66759
Fiorito A 15267, 33000
Fiorito G 57591
Fippard N B 71279
Firbas F 22
Fireman R 58096
Firestein B 78257
Firestone H S 63047
Firsov I G 24514
Firsov N V 34878
Firth D H 29251
Firth E P 1940, 30229
Firtzsche R 1676
Fischbacher J 12912, 19747
Fischel W 4937
Fischer 2352, 6974, 19216, 45094, 49622, 62159, 80655
Fischer A 59042
Fischer B 24515
Fischer B M 26076
Fischer C M 26998, 95379
Fischer C W Jr 1562, 2812, 46056
Fischer D H 75055
Fischer E 30656, 30932, 46646, 84300
Fischer E E 28401
Fischer F 24516, 24517, 31093, 50313, 53050
Fischer F 64429, 78476, 89577, 94488
Fischer G 28996, 34762, 74154
Fischer G J 11641, 11793
Fischer G W 987, 20396, 47547, 56333, 56498
Fischer H 4208, 32712, 42472, 45421, 65234, 65952, 71999, 83698
Fischer J H 73670
Fischer K 84060
Fischer K H 88864
Fischer R 47378, 73145, 73323, 89450
Fischer V 91554
Fischer W 56464, 73967, 80871, 88332
Fischer-Schlemm W E 25428, 45936, 61526, 63084, 69226, 86466, 94476
Fischetti D L 77946
Fischhoff J 89030
Fischler F 4047
Fischlowits E 10585
Fischnich O 64835, 70630, 70631
Fish A S Jr 949
Fish N A 35753, 85112
Fish S 63048
Fish W A 52527
Fisher A 4833
Fisher A C 8051, 44948, 53904, 70057, 79133, 86954
Fisher A K 76641
Fisher A L 68491
Fisher C B 12310
Fisher C E 13562, 23231, 30528, 30639, 49261, 74264
Fisher C H 36269, 53429, 86560
Fisher D C 87197
Fisher D F 26584, 26607
Fisher D J 12539
Fisher D V 1739, 48780
Fisher E 13905
Fisher E E 72667, 72808
Fisher E G 30933, 52519
Fisher E H 11163
Fisher E J Jr 93397, 55648, 80528
Fisher F E 93490, 93959
Fisher F L 1291, 58271, 66340
Fisher G G 90772
Fisher G M 13231, 13232
Fisher G S 9411
Fisher G W 4919, 51413
Fisher H J 50025, 70315, 78772
Fisher J 75989
Fisher J B 91810
Fisher J L 18541, 53070
Fisher J N 3297, 3533, 14455
Fisher K H 89053
Fisher L E 76532
Fisher L H 18939
Fisher M H 12583
Fisher M R 8105
Fisher R 21079
Fisher R A 15041, 64667
Fisher R B 61624, 69426
Fisher R C 60549, 78017
Fisher R E 76688
Fisher R M 48958
Fisher R W 93850
Fisher V H 4591
Fisher W B 95067
Fisher W D 18259, 87394
Fisher W P 28402
Fisher W S 60826
Fisher-Webster K 29976, 29977
Fishman D 27018
Fishman Y 14303
Fisk A 30230
Fisk E L 23097
Fisk F W 34172, 43578
Fistere C M 26161, 86589
Fitch J B 92184
Fitch K A 93398
Fitina L 9999
Fitte D L 42140
Fitterer G 23731
Fitze K 94080
Fitzgerald D A 10052, 69519, 69520
Fitzgerald D V 78384
Fitzgerald G P 228
Fitzgerald J S 29264, 14861, 50613
Fitzgerald J W 11530, 76035
Fitzgerald K 65103
Fitzgerald L K 94944
Fitzgerald M 44288, 44289
Fitzgerald O A 312, 3766, 14977, 25322, 44084, 50433, 52080

	Item
Fitzgerald O A	68406
	78448
	83655
Fitzgerald Sir W	63617
Fitzgerald W A	76278
Fitzgerald-Lee G	3042
Fitzgibbon W E	9266
	26828
Fitzhugh H A	76036
Fitzpatrick G A	40934
Fitzpatrick R J	4048
	50833
Fitzpatrick W W	50987
Fitzsimmons J E	39336
Fitzsimmons R	67567
	75791
Fitzwater W D Jr	7612
	11642
	19912
	28740
	56387
Fivian W	45984
Fixari P	59566
Fjaervoll A	94838
Fjäderhane A M	27724
Fjelddalen J	313
	11643
	16189
	24441
	24442
	33802
	33851
	34510
	38570
	43173
	47115
	60767
	68407
	77210
	77293
Fjeldsted M	28296
Fjeldsted M A	67617
	82973
Fjelkner	84061
Fjelkner P A	92684
Fjellstedt G L	12749
Fjørkenstad P	59459
Flaaten C	79702
Flaatten H K	73712
Flaccomio E	38132
	44430
	64116
	72134
	79365
	79790
	86736
Flach F	78339
Flachat C	51388
Flad	40652
	40957
Flad M	2746
	49623
Flagg C V	21412
	21417
Flagg G L	88448
Flagg W W	7207
Flaherty R W	84445
Flaig	82716
Flaig W	13750
	80962
	81560
Flake J C	17258
Flamencourt	51670
Flament R	22926
Flamigni A	84446
Flamini B	12866
Flanagan J	60494
Flanagan J E	34818
	38276
	69385
Flanagan T G	38079
Flanders C A	62295
	62296
Flanders S E	34453
	52631
	52632
	52633
	52705
	61116
Flanery C C	23573
Flanzy M	8621
	35487
Flatla J L	33719
Flatscher H	3180
	14375
	31825
	75513
	91555
Flavigney P	27265
Flavigny P	95613
Flawn L	40180
Flax Development Committee	57159
Flay A H	87758
Flechsig J	18443
	72190
	79575
Flechtner	14373
Fledderjohn H C	28261
Fledderjohn H C Jr	55964
Fleet R J	35111
Fleetwood J R	30529
	48429
Flegg P B	21685
	31296
	40958
	82497
Flegmatov N A	51193
Fleis E	23574
Fleischanderl E	52081
Fleischer H O	14864
Fleischman B	39054
Fleischmann C	40181
Fleischman F F Jr	8225
	44987
	53936
	62197
Fleishman L E	45994
	71128
	88083
Flem A	3439
Fleming A	80001
Fleming A A	73407
Fleming G A	13823
Fleming H	16983
	34556
Fleming J B	71764
Fleming J P	77306
Fleming L Jr	79262
Fleming M	18466
	33989
Fleming R	39472
	46254
	48430
	49878
Fleming R D	92602
Fleming W C	88562
Fleming W C Jr	92422
Fleming W E	24738
	77705
	93766
Flemion F	61057
Flemmich C O	83568
Flemmig W	53540
Flemming H W	48155
Flemons K F	57008
Flenner A L	11932
	30631
Flentje N T	56334
	72619
Flerchinger F H	23101
Flerov A F	89968
	89969
Fleschner C A	16179
	34239
	60768
	61294
	68603
	93399
	94186
Fletcher D G	28870
	56104
Fletcher D J	10876
Fletcher D S	6779
Fletcher F	21080
Fletcher F C	53143
Fletcher F W	6030
	60550
	93375
Fletcher G A	83326
Fletcher H L V	57686
Fletcher H M	45168
	64064
Fletcher H R	13233
	56210
	56211
Fletcher J E	91477
Fletcher J H	68499
Fletcher J M	68242
	68243
Fletcher M G	56055
	56056
	79379
Fletcher O S	9977
Fletcher P	7537
	33990
Fletcher P W	66255
Fletcher R F	65819
Fletcher S W	19001
	71823
Fletcher W A	8846
	28741
	47379
	62458
	90584
Fletcher W P	71065
	71068
Flett L H	26358
Fleury C	89970
Fleury F	9664
	18768
	67444
	71022
	94714
Fleury J P	24115
Fleury P	12311
	73146
Fleury R	80377
Flewell-Smith B	8697
	8698
	8699
	26561
	45276
	45338
	53443
	53444
	53445
	53446
	62459
	73776
	79339
	87395
Flexman D L	48959
Flick F J	67102
	83281
	83576
Flickinger A	62015
Flickinger V W	57687
Flieg O	67272
	91224
Flieringa H J	76533
Flierman J	16489
Flik H M	86321
Flikke A M	7379
Fling M	23160
Flink G	27173
Flinn E S	75649
Flint C F	87993
Flint D P	80557
Flint E A	81435
Flint J	95872
Flint R N	39141
Flint W E	23419
Flipse L P	2442
	38670
	38671
	64333
	64430
Fliri F	26937
	52945
	53051
	78340
	86143
Flitters N E	16685
Float F P	17454
Floch H	93960
Floch J	59935
Flock A	13608
Flock R A	24926
Floden F	9526
Fløistad G	69897
Flokstra J H	64876
Flood A E	81754
Flood F A	46255
Floor J	1636
	57535
Flor H H	1288
	11788
	39585
	56499
Flora C C	8226
Flore du Congo Belge et du Ruanda-Urundi	122
Florea J H	18679
Floreal Marsico D	65379
Florence Camera di Commercio Industria e Agricoltura	94618
Florenchie	48960
Florenchie P	80872
	82348
	90773
Florensa M	54713
	54983
	55198
	55367
	55587
Florent A	92603
	92604
Florent H	15162
Florent'ev L	10274
	48215
Florent'ev L IA	63494
	95712
Florentin D	25801
Florentin P	22918
Florenzano G	62906
Flores D G	24010
Flores E	27807
	37658
Flores H	36700
Flores M A	11780
Flores A M A	11992
Flores Cáceres S	11644
	47500
	72546
Florestan C G	90508
Floret P	89158
Florey E	16141
Florida Cattleman	23102
Florida Citrus Commission	45381
	54261
	62519
	79395
Florida Crop and Livestock Reporting Serv	62652
Florida Dept of Agriculture	63887
Florida Engineering and Industrial Experiment Station	78827
Florida Forest Serv	50121
Florida Fruit Digest Co	36104
Florida Mango Forum	65380
Florida State Chemist	83153
Florida State Marketing Bur	18354
Florig G	8998
	10962
Florin R	80873
Florin X	19711
Florinsky M T	27473
Florio R	4019
	22918
	51194
	92741
Florkin M	68696
Florov D N	33852
Florovskiĭ A M	31626
Florschültz P A	64117
Flory W S Jr	12196
	12312
Flotzinger R	53937
Flower A E	4425
	51076
	51817
	51908
	76073
Flower A F	5652
Flower C E	94021
Flowers S	38499
	56295
	89380
Flowers T E	92991
Floyd E H	77706
Floyd E P	59327
Floyd H	19100
Fløystad G	46476
Fluck P H	11036
Fluckiger	59936
Flückiger G	4049
	4502
	15673
	32331
	41806
	41807
	42464
	51195
	51960
	60459
	67347
	67618
	67904
	68331
	76283
	83848
	84301
Flugel H	75357
	82611
Flugger A L	63740

	Item
Fluiter H J de	11993
	16842
	43174
Fluke C L	6772
	43507
	52082
	93754
Flunt O	21507
Flux D S	15347
	76020
Fly C L	49548
	49549
	49550
Fly L B	26403
Flygare B	87928
Flynn D M	50988
Flynn J A	93851
Flynn K	73532
Flynn K E	34994
Foard M A	68040
Fobes C B	19299
Fobes E W	41531
	50422
	50530
	58900
	83487
Focan A	21982
Focarile A	16556
Focarile C	19329
	71672
Fock C	63569
Foddi I	47380
Foehner H	4299
Foelsch G G	17908
Foerster K	12913
	48961
	65583
	65584
Fog-Petersen V	10963
	55368
	55831
Foged N	89424
Fogedby E	83849
Fogedby E G	41808
	92279
Fogelqvist N	1941
Fogg G E	56967
	81561
	81562
Fogg H G W	2160
	39986
	65585
	65847
Fogg V A	63789
Foggie A	31482
Fogl E R	14805
Fogle H	49142
Fogle H W	39806
	48781
Fogliani G	19892
Fohrman M H	76079
Folles M W	22329
Fois G	25636
Foister C E	56500
Foisy L	33385
	42758
	95380
Fokeev P	21854
	57074
Fokeev P M	29554
Folda W	44988
	62087
Føleide L	84566
Folejewski W	22927
Foley F B	16646
Foley H	2353
	89451
Foley H S	67017
	67155
Foley L K	50666
	67229
Foley M E	25716
	28170
	56061
Foley M M	7299
Folguer F	65910
Folinazzo J F	54320
	70540
Folkmanová B	34173
Follett J N	53892
Folley S J	15409
	42941
	67348
	76999
Follini L	65586
Folloni A	4300
	12616
	20546
	20547
	50989
Follwell J H	93755
Fol'mer N I	29504
Folomin A I	41411
Folonari A	88333
Folque N de B	39314
Folse C L	95930
Folse D S	84509
Folsom D	539
	38788
	45339
	89556
Folsom L E	78817
Folsom S	88020
Folsom S E	79905
Foltin E	7208
	25312
	34763
	94238
Foltin H	78099
	78100
Foltinek H	17295
	25202
	34764
	44085
	73671
	78341
	86259
Foltz F	13234
Folweiler A D	16557
	41196
	83282
Fomenko A G	4050
Fomichev A A	49177
Fomichev T F	41889
F...n A	59764
Fomina A [illegible]	42654
Fominykh V N	22928
	23420
Fonck K H	29255
Fondard L	11178
	13511
	15631
	27477
	98077
	10877
	13929
	29256
	29555
	30934
	30935
	48431
	52946
	59186
	63310
	63676
	66324
	66685
	67011
	68307
	80092
Fonrobert E	50578
Fonseca A P da	88113
Fonseca F da	77592
Fonseca J A B da	68849
Fonseca J C da	68408
	85350
Fonseca J E	15716
Fonseca J P da	34576
	85954
Fonseca Filho C de A	81563
	91811
Font de Mora R	70565
	79340
Font Puig P	28063
Font Quer P	72379
Fontaine A	18940
Fontaine T D	73308
Fontalina M N	39188
Fontan J M	24323
	33766
Fontana H	70923
Fontana P	47228
Fontanaud	13462
	39807
	82177
Fontanelli E	5665
	93162
Fontanille H	17748
	18389
	37190
	37299
	38017
	69800
	71280
Fontenot J F	2228
Fontenoy P Y	69636
Fontes F C	28606
Fontes L R	4301
Fontoura M da	53583
Food and Agriculture Organization of the United Nations	3152
	4087
	4088
	7874
	9082
	10054
	10099
	11645
	14283
	18501
	18622
	18846
	19002
	19003
	19004
	19257
	22038
	22090
	28100
	29569
	36358
	38266
	53387
	54100
	54676
	55143
	61978
	66847
	80411
	80609
	83568
	86684
	89145
	92024
Agriculture Div	31270
Canadian Interdept FAO Committee	10053
Economics Div	96250
Norwegian Committe	37300
Food Law Institute	17553
	25669
Food Research Institute	69665
Foot A S	17970
	48262
	48407
	59765
	67736
	75748
Foote A	22125
Foote F	78589
Foote F J	58535
Foote H E	7765
	25811
	35507
	69810
	86753
Foote L E	15163
	67619
Foote L S	18027
Foote P A	63198
Foote R H	50990
	51043
	51044
Foote R J	39807
	9412
	44451
	80848
	95327
Foote R W	75591
Foote W	74519
Foott J H	66484
Forbes B	11370
	75450
Forbes B P	53938
Forbes B R V	67820
Forbes D R	86590
Forbes E F	45710
Forbes F C	58160
Forbes I Jr	56730
Forbes I L	72244
Forbes M E	19684
Forbes R	23103
	41963
Forbes R B	58115
Forbes R C	83999
	84062
Forbes R H	31893
	83507
Forbes R M	85198
	85199
Forbes W H	94503
Forbes W T M	16994
	34614
Force L T	9343
Forcher F	82974
Ford C M	42647
	83850
Ford E B	61186
	68934
Ford E J H	4051
Ford H W	1740
	39055
	54358
	73777
Ford I	27898
Ford J	10055
Ford J E	15811
	23301
	59642
	67273
	85202
Ford J R	18829
Ford K D	3962
Ford K L	54344
Ford L E	20206
Ford L T	52777
Ford M C	91400
Ford M V	8847
Ford N D	27950
Ford O W	79436
Ford P H	57114
Ford P W	76284
Ford R G	18899
	26864
	44536
	45615
Ford R L E	78101
Ford R W	59643
Ford S G	44300
Forde H I	1869
Forder B A	87791
Fore R E	57076
Foreman B	43436
Foreman D	60110
Foreman R	63284
Foreman R W	92117
Foreman W J	80154
Forenbacher S	51479
	84663
Foreningen af Jydske Landboforeningers Regnskabsudvalg	63570
Föreningen för Växtförädling av Fruktträd	73816
Forest B	77387
Forest H	62160
Forest H L	53905
Forest J	45616
Forest J	54558
Forest S S de	7300
Foresti C	6135
Foret J A	39056
Förg F J	62016
	62017
	70209
Forgash A J	34657
Foriscot A P	60669
Forlani F	20548
Forlani R	20293
	88334
Forlì Camera di Commercio Industria e Agricoltura	71404
Form W H	37764
Forman B	43382
	43383
Forman J	40533
Formanoir de la Cazerie G de	54559
Formigoni	87574
Formston C	42353
	84302
	71405
Forni V	73408
Forrest A J	75726
Forrest D W	50991
Forrest G E	41824
Fors A J	3298
	14456
	31519
	41117
	66923
Fors A L	1521
	12867
	12868
	12869
	20754
	66508
	73672
	73673
	81564
	91160
Forsaith C C	75712
Forsberg P	31616
	31929
Forschungsinstitut für Getreidechemie	62683
Forschungsinstitut für Kakaowirtschaft	7742
	86737
Forschungsanstalt für Landwirtschaft Braunschweig-Volkenrode	69743

	Item
Forsee W T Jr	74569
Forsell R	37780
Forsling C L	81975
Forsling N	58680
Forss D A	26080
Forsslund K H	16896
	68371
	78102
Förster E	7266
Forster I W	52233
Forster R	56600
Forster R R	93708
Forster T L	8106
Forster W	78103
	78104
Forster W A	12408
Forsyth D D	39057
	71099
Forsyth W G C	25802
	35488
	44678
	61926
	78882
Forsythe J	88934
Forsythe R H	26999
	36779
	54770
Fort E	48962
Fort Dodge Laboratories	32332
Forte Júnior	4052
M da C B	4875
Forte P N	43723
	78127
Fortenbery	27084
B W	
Fortenberry W O	88335
Fortes M	71765
Fortescue H R	45662
Forth M W	18027
Fortier R	46015
Fortier R J	25323
	44086
Fortin B	33991
	34454
	68546
Fortin G	6136
	33992
Fortin G N	10057
	10572
Fortin L de G	25984
	53706
	62062
	94753
Fortini S	56933
	81715
	81778
	90115
	90180
Fortmann H R	12569
	48406
	65079
Fortnam B	21081
Fortner J	51961
Fortney B	21983
Fortney C G	70182
Fortuin G J	69521
Fortunstow N I	91812
Fortushnyi V A	6044
	50834
Forward D F	39058
Fosberg F R	12068
Fosburgh H	3379
Fosburgh P W	22086
Foschi M	69095
	71664
Foschi S	6359
	19916
Foskett D B	54892
Foss E W	53130
	78510
Foss H	11246
	13930
	13931
	28297
	74570
Foss W	58741
Foss W C	86467
Foss W M	52083
Foss W O	88935
Fossani I	71406
Fossati A	18082
	19640
Fossati L	16343
	58018
	58019
	74349
Fossel U	16344
Fosseux G de	90280
Fössleitner-Karl H	81352
Fossum M T	71185
	95585
	95586
Fossum P	59460
Fossum P R	80016
Foster A A	72547
Foster A C	1021
Foster A E C	51480
Foster A O	4872
	51384
	83851
	85107
	85130
	93386
Foster A T	11646
Foster B	53311
Foster C	28064
Foster C B	57371
	73674
Foster C E	35312
Foster C R	30728
Foster D H	22726
	32149
	59126
	75692
	86857
Foster D T	90333
Foster E M	9367
	17865
	17866
	25985
	26827
	53758
Foster G B	13682
	21436
Foster G H	18441
Foster G M	58204
Foster G W	38018
Foster H H	52065
Foster J	56501
	32077
	41532
Foster J C	61569
Foster J C Jr	42750
	51685
Foster J E	4468
	81947
Foster J R	47937
Foster J W	849
	1035
Foster L R	28742
Foster M	23704
Foster M B	1942
	39987
	48963
	65587
	66325
	82349
	90774
Foster O A	22929
Foster P W	69442
Foster R	73968
	82350
	90775
Foster R E	2181
	11646
	65848
Foster R L	30530
Foster S A	63840
	88936
Foster T H	45277
Foster W A	88475
Foster W D	38117
	55905
	88991
	88998
Foter M J	79098
Fóti M	4876
Fouarge E	13683
	30657
	91107
Fouarge J	2737
	74975
Fouassier M	53766
Foucaud A	12520
Fougstedt G	55588
Fouilland G	7743
	7744
	25803
	37301
	82554
Foulds K L	94945
Foulds R T Jr	50488
Foulkes P H	42751
Foulon A	6780
	70383
Fountaine F C	4440
	50719
	52185
	62069
Fouquet	75760
Fouquet A	12617
Fouquet P	8227
Fourcade A	7745
Fourchy P	66924
Fourcroy M	89826
Fourie P J J	59302
Fourman K L	58132
Fourmont	71407
Fournaison	2182
Fournet E	25719
Fournier H	37191
Fournier O	68366
Fournier P	70980
	72380
	89198
Fourt D L	25479
	32459
	50720
	59187
	76178
Fourt L A	44858
Foury A	29700
Foust L	21855
Fouts E L	7875
	35620
	35704
	62018
	79134
Fouts K C	87697
Fowble J C	59644
Fowden L	29460
	79788
Fowells H A	3440
	75308
Fowke V C	37937
Fowle F E	16345
Fowler A B	32201
Fowler G	54714
Fowler G R	4378
Fowler H	13235
	39988
	39989
Fowler H C	95855
Fowler M E	409
	38672
	41254
	56502
	72668
	72669
Fowler R G Jr	2748
	4767
	12769
	15515
	27619
	39473
	66509
	73533
Fowler R M	32078
	32079
	41515
	41533
	41534
	50405
	75592
Fowler S H	15268
Fowler T E	62501
Fowler Z	53939
Fowlie D	23421
Fox A C	31589
	40790
	49964
	82769
Fox A S	34324
Fox B C	21361
Fox C E	22135
	50177
Fox C P	17455
	78616
Fox Sir C S	91401
Fox C W	19527
	35969
Fox D	60952
	62371
Fox E J	74924
Fox G A	53447
	53541
Fox G S	46611
	46792
Fox H	11120
	29701
	35970
	36270
	42882
	62864
	69689
	69690
	69691
Fox H M	1943
	6392
	13684
	48964
	73969
	74350
Fox H W	3648
	22715
Fox K	35325
	44452
	75759
Fox K A	9848
	46063
Fox L	19748
	21936
	57215
	83067
Fox L P	46152
	55064
Fox R	46647
Fox R L	54619
Fox S	56105
Fox V H	73970
Fox W	82351
Fox W B	12073
	80915
Foxley W J	79656
	87764
Foxonet	51481
Foy B L	27919
Föyn P	14355
	66889
	66950
	75170
Foytik J	36187
	36188
Fozzer F	73971
Fracanzani G A	410
Fracassi A	91913
Fraccaroli S	1179
Fraedrich G	76285
Fraenkel G	24739
	52417
	68372
	93316
Fraenkel M	72040
Fraer S	27808
	95664
Fraga C C	18623
Fraga C G Jr	60551
Fraga M V G	22091
	22169
Frahler A	10673
Frahm H	76286
	86997
Frahm J	86847
	86848
Frahn J L	32152
Fraisse R	18624
	94181
Frakes M G	45985
	48610
Frame N T	37764
Framhus O	53707
Frampol' L V	27116
Frampton M E	92771
Frampton T T	44391
Franc de Ferriere J	58184
Francardi P	66510
Francaviglia G	1693
	13463
France A E	14655
France E J Jr	13236
France Caisse Nationale de Credit Agricole	88187
France Comité Central de la Laine	70384
	94945
France Comite Interministériel de l'Alimentation de l'Agriculture	37302
	37303
France Commissariat Général du Plan de Modernisation et d'Équipement	88336
France Conseiller Commercial	62907
France Dept de la Dordogne Direction des Serv Agricoles	80155
France Dept de l'Eure et Loir Direction des Serv Agricoles	75760
France Dept de Loir-et-Cher Direction des Serv Agricoles	71539
France Direction de la Documentation	10058
	10477
	25583
	27475

	Item
France Direction de la Documentation	634
	6958
	86521
	88144
	88145
	88681
France Direction Générale des Douanes et Droits Indirects	10964
	63841
France Direction Générale des Impôts	7746
France Direction Générale du Génie Rural et de l'Hydraulique Agricole	25429
	69096
France Haut-Commissariat en Indochine	12618
Affaires Economiques	19005
France Institut National de la Recherche Agronimique	64981
France Institut National de la Statistique et des Etudes Economiques	9849
	10478
	18847
	18848
	25637
	25749
	31338
	35415
	44537
	46064
	46065
	46919
	53388
	54984
	54985
	55199
	55200
	61819
	63376
	63668
	63842
	69736
	88155
	95593
France Institut National du Bois	56335
France Ministère Chargé des Relations avec les Etats Associés Serv des Statistiques	63842
France Ministère de la France d'Outre-Mer Serv des Statistiques	7694
France Ministère de l' Agriculture	27476
	63969
	69737
Direction de Production Agricole	72276
Serv Cinématographique	37804
France Off de la Recherche Scientifique Outre-Mer	56106
France Serv de la Documentation sur le Machinisme Agricole	37805
	53173
Francé-Harrar A	13854
	31693
	58805
	91478
Franche P	88449
Francia F del	92605
Francis D R	19101
	34750
	88188
Francis D W	42655
Francis F C	92685
Francis F J	53767
Francis J	15420
	76988
Francis J H	51445
	63285
	71281
Francis K M	31201
Francis M	2749
	7495
	8362
	15229
	27725
	44024
	51686
	71612
Francis M E	10878
Francis W D	28529
Francisco D	36189
	65959
	79396
Francisco D L	9754
	19006
	25622
	54893
	63790
Franciscolo M	5882
	6438
	16558
Franck J	20294
Franck O	14258
	40653
	58542
	66326
Franck W J	19749
	36865
	36866
	39272
Francke	20654
	82717
Francke A	55561
Francke-Grosmann H	14639
	38673
Franckowiak P A	41620
Franclemont J G	94081
Franco A F de S	38905
Franco A T	14978
	22701
Franco C M	56814
	58020
Franco E	16559
	52634
	56088
	61058
	85564
Franco E di	50835
Franco G C	27951
Franco H F	4134
Franco J do A	72381
	80963
	80964
François A	23227
	38140
	42141
François M	73972
François R	87851
Francotte C	20921
	48782
	65328
	82148
	90548
Frandsen K J	20207
	38838
Frandson P E	49885
Frangos L G	42883
Frank A	3806
	32918
	76534
Frank A H	4302
	50667
	84303
Frank B	2697
	3526
	3527
	13855
	21621
	22404
	40574
	50391
Frank F	19913
	81976
Frank G	21622
Frank H	71108
Frank H E R E A	69660
	79576
Frank J F	43066
	60455
	77120
Frank M B	16610
Frank N	4469
Frank W	33723
Franke	2750
	49624
	92197
Franke A	2912
	18941
Franke D	64118
Franke R	69325
Franke W	45771
	58917
Frankel O H	81474
Frankena H J	62297
Frankenberg G von	16897
Frankenburg W G	36985
Frankenfeld J C	60545
Franklands H M	11647
Franklin D F	65849
Franklin E W	78636
Franklin H J	93400
Franklin J J	73973
Franklin M C	33558
	68225
Franklin M T	56622
Franklin N L	26275
	78963
Franklin P M	25575
Franklin R E	11087
Franklin T E	84377
Franklin W W	5931
	94022
Frankton C	49262
Franquelo J E	67962
	84762
Frans R E	23302
Fransen J J	16190
	68935
Franssen C J H	16191
Fransures	42331
S de B de Frantsesson V A	30729
	30730
Frantz H R	3043
	22183
	32114
Frantz J B	7876
Franz C B	79849
Franz D	22056
Franz E	16346
	16560
Franz G	72191
Franz H	2610
	3159
	3160
	5883
	24740
	30797
	30936
	49457
	58133
	74955
	83068
Franz J	16192
	16998
	52084
Franz J M	61187
Franz M	22056
Franz V	23
Franzell C	87409
Franzén B	10386
Franzen I G	17197
Franzke C J	81565
Frappell J P	50977
Fraps R M	5310
Fraselle J V	19992
	81226
Fraser A	4768
	5616
	5617
	10542
	15971
	24194
	24195
	24196
	33618
	35326
	42895
	51423
	51862
	53174
	59153
	67349
	67445
	69326
	76287
	78540
	80156
	86849
	92281
Fraser A C	67905
Fraser A R	22276
Fraser A S	76962
Fraser C A	91402
Fraser D	73974
	75557
Fraser D A	22208
	56685
Fraser D E	9527
	32832
	73534
Fraser E B	77054
Fraser F C	17151
	17152
	25125
	34701
	34702
	43133
	78260
	78261
	86079
Fraser G R	30531
Fraser H	2183
	30142
	39723
	74155
Fraser H M	6137
	16347
	33993
	33994
	43298
	52234
Fraser J G C	48272
Fraser L	38674
	64557
Fraser M	16348
Fraser M J	76963
Fraser R H	57394
Fraser S	18195
	55925
	62460
	62574
Fratepietro C	88476
Fratkin A	93454
Fratoni A	89054
Fratta I	84526
	84527
Frattari E	55201
	88865
Fratz E	26667
Frauchiger E	51196
	67350
Frauendorfer S	10479
	37304
	44392
	58896
	74976
Frauendorfer S von	19007
Frawley J J	54620
Frax Benedi E	3220
Frayer J M	53768
Fraymouth J	56503
Frazão T L	57216
Frazer A C	69613
Frazer J R	94839
Frazer W R	94157
Frazier F	9808
	62979
Frazier H	54560
Frazier N W	68821
Frazier W A	56597
	57827
	65850
Frazier W C	7982
	25995
Frean J R	84304
	84510
Frear D E H	19993
	21362
	24443
	28262
	52171
	68403
Freas A D	75718
	92040
Frecha J H	507
Frechin D P	19641
Fredemann R	1352
	46477
Fredenburg R H	26473
Fredenslund E	90193
Frederick A L	37806
Frederick J J	64279
Frederick L R	66188
Frederickson A F	82703
Frederiksen A M	84063
Frederiksen H	2354
	65104
	67274
	73535
Frederiksen J	39496
Frederiksen L P	28124
	84305
Frederiksen P S	2355
	29827
	45169
	48356
	65054
	72670
Fredholm H	19626
Fredrick J F	56815
Fredriksson L	58551
	74571
Free D H	5443
	37585
Free G R	83063

	Item
Free M	1637
	1944
	1945
	1946
	1947
	21082
	39990
	48965
	48966
	48967
	57688
	65927
	69184
	73975
	73976
	82352
	82353
	90776
Free R A	75312
Freeborn S B	16769
	34401
	64088
Freed B	9665
	83752
Freed S	81757
Freed V	49263
	49264
Freed V H	30532
	57933
Freeden H	27756
Freedman M	26859
	44752
Freeland J M	18878
	27275
Freeman A F	36701
	36759
	71009
Freeman D J	1780
Freeman E M	84511
Freeman E P	42752
	71627
Freeman G A	79003
Freeman G C	17596
	95211
	95212
Freeman G G	89702
Freeman H A	34577
	43784
	68974
Freeman J A	16193
	23522
	47938
	78262
Freeman K C	39429
	65051
Freeman P	43508
	43509
Freeman R S	85565
Freeman T N	16985
	68974
Freeman T R	79135
	87064
Freeman V A	42983
Freeman V C	10674
	10675
Freemyer G W	7943
Fregola C	13932
Frei A	4593
	15421
Frei J	80378
Frei W	75854
	83852
Freiberg M A	6781
Freiberg S R	20281
	56816
	64746
Freiday D	22184
Freidman I	23423
Freidman S M	74156
	77387
Freimuth U	60387
	76209
Freire G	22371
Freire J R J	38778
Freire-Maia N	24804
Freire Muñoz C	4053
Freischmidt K	82718
Freitag J H	555
	11994
	60552
Freitas	29257
Freitas A G B de	
Freitas H de	2443
	2637
	10676
	14026
	14027
	18554
	20887
	30426
	30856
	36605
	39660
	54561
	67737
	75973
	81848
	87775
	90235
	90585
	91365
	95290
Freitas J F de	19316
Freitas J L P de	85838
Freitas M G	6360
Frémond Y	72965
French A P	1564
	73046
French B C	53448
	87387
	95050
French B O	18260
French C E	8052
	26162
	55101
	67275
French C S	20295
	29400
	81566
French G H	15269
	18502
French G T	11648
French G W	44066
	78413
	94290
French L C	1806
	22092
French M G	58021
French N H	2913
French O C	44151
French R B	23361
	38122
	38123
	38133
French R J	46377
French T H	15409
French West Africa	27477
	38019
French West Africa Inspection Generale de l'Elevage	32444
Frenk R H	88217
Frenkel H S	41809
	83853
Frens A M	4594
	23199
	34819
	85200
Frensel O	8107
	17826
	18555
Frensel O	25909
	25910
	28065
	35621
	86850
	88248
	88337
	88937
Frenzel	69614
Frenzel H	44500
Frêrejacque M	12521
	64883
Frerich	3441
	31894
	50416
Frerich F	50183
Frerichs	67852
Frers E	88866
Frescobaldi L	37192
Frese	69327
	83070
Frese H	53025
	58386
Frese P F	90509
Freshwater F	54262
Freter R	48078
	81699
Freudenberg K	3787
	83663
	92143
Freudenberg W	9194
	36644
Freudenberger	7033
	25261
Freudiger U	32921
	42354
Freund H	32155
Freund L	93401
	93503
Freund R J	79577
Freund S	83854
Frevert R K	58075
	58399
	66480
Frew S	20795
Frey	37305
Frey A	8999
	26668
	52635
Frey C N	25663
Frey D G	38345
Frey E	28677
	29709
	68773
Frey F	46040
Frey G	17153
Frey H H	92836
Frey J C	46567
Frey K J	26669
	45515
	58258
	58334
Frey M	10059
	71824
	79090
	88338
Frey P	27189
Frey P R	4054
Frey R W	96225
Frey W	34240
	50616
	85351
Frey-Wyssling A	850
	11247
	12131
	29258
	47748
	50617
Freyaldenhoven W H	66370
Freyer E	9413
Freyer G	33995
Freyre E	44681
Freysoldt G	10965
Frezal P	64317
	81145
	93961
Frézal P	29259
Frezzotti G	9414
	18625
	18626
	36702
	70924
Frianeza J S	71825
Friant R J	12597
	12598
Friberg G	19096
Friberg W R	35032
Frichet P	7456
Frick E	54595
Frick E J	4595
	23493
	42355
Frick G E	6975
	19126
	25203
	80258
	95854
Frick H	4952
Frick J G	70462
Frick K E	16686
	24805
	24927
	52528
	60919
	68737
	68815
	93852
Frick W	35971
Fricke	88044
Fricke E F	74933
Fricke W	37807
Fricker D M	48968
Frickhinger H W	28298
	33853
	43175
	44152
	77211
Frickhinger-Irshenhausen H W	52428
Frid L I	42271
Friday D T	40636
Friday G	56817
Fridén A	11467
Friderici K S	84512
Fridland V M	21693
	49381
	58170
	91251
Fridman G	31094
Fridman I I	41341
Fridman S E	88045
Fridmann G	14065
Fried M	49604
	58104
	74452
Fried M H	80379
Friede	42142
Friede H M	30231
	80874
Friede V	28066
Friedel G	70210
	87065
	94840
Friedel H	87065
Friedemann H	68936
Friederich J C	20617
	29828
	47501
	65953
	65954
	73654
Friederich J C	81907
	81908
	91021
Friederichs K	77707
Friederichsen I	64741
Friedgen A E	8053
Friedl	9195
Friedlaender M H G	76963
Friedland W C	85192
Friedler G	34511
Friedli F	37193
Friedman B A	8786
	11965
	38779
	54359
	54360
	62647
	79490
	87403
	87482
	95113
	95114
Friedman F	24806
	40936
Friedman G	94643
Friedman M	84954
Friedmann G	2751
	21856
	31095
	53542
	66327
	74572
	74723
	82975
	82976
	86738
Friedemann H	78105
Friedmann H C	1038
Friedmann K	46256
Friedmann K J	10060
Friedmann T D W	71540
Friedrich A	54161
Friedrich A G	14493
Friedrich G	43785
	82149
Friedrich R	14698
	22170
	59043
	75389
	91929
Friend I J	23104
Friend I J C	4303
	42054
Friend J C	54387
Friend R B	24380
Friend W G	68742
Friend W H	21686
	29922
	30937
	36105
	40791
Fries K	23918
Fries N	12313
	20296
	48156
	56953
Fries R E	72277
Fries R F	22446
Friesche Maatschappij van Landbouw	63970
Friese G	21857
Friese H	30386
Friese-Fickenscher L	89055
Friesen H	79534
Friesen H A	29727
	30533
	49265
Friesland Gezondheidsdienst voor Vee	4596
	51197

	Item
Frietema H J	37938
	46793
	46794
	63377
Frigerio J C	15674
	21248
	24197
	38571
	39875
	73713
	76964
Friggens P	38203
Friis E	30232
Frimmel F	39059
	47045
Frimmel F von	23151
Frings H	77212
	95795
Friðriksson S	18028
	27593
Frisbie L F	49044
Frisbie R R	14066
	39775
Frisbie S L	1694
Frisbie W E	88751
Frisch A	71109
Frisch A W	4055
Frisch K von	33996
	43299
Frisch R	16349
	60670
	68547
Frischknecht N C	73607
Frison E	22648
Frith H J	65381
Fritsch	9145
Fritsch E	9000
	9001
	18390
	26670
	26671
	38134
	62684
	70710
	81843
	87575
Fritsch V	25156
Fritschè F	12132
Fritschi A	91655
Fritsh J	15270
Fritz C C	32833
Fritz C W	81227
Fritz F	62908
Fritz J C	3936
	23842
	33212
Fritz N H	22141
Fritz R F	77921
Fritz V L	79703
Fritz-Niggli H	68773
	85732
Fritzen A	10480
	55519
Fritzen J	21083
	21084
	30233
Fritzsch W	33997
Fritzsche A	91730
Fritzsche E	11037
Fritzsche H	71826
Fritzsche K	4056
	32713
	84865
	84955
	92992
Fritzsche R	12966
	23090
	47978
	48700
	49625
	49672
	57536
	72548
Frixon H	17971

	Item
Frizzell T J	5147
Fröb G	18135
Frobeen	15227
	68201
Froede O	58985
Froehlich J	47312
Froehner H	32714
	67620
Froehner R	83855
Fröes R L	28530
Froeschner R C	61059
	61295
	77213
Frohberger E	64747
	89971
Fröhlich	14737
	66951
	75024
Fröhlich G	68676
Fröhlich H G	62372
Fröhlich J	3540
	14699
	31520
	67018
	67042
	67043
	75171
	83371
Frohlich T	50531
Fröhlich V	31409
	66804
Frohne W C	43510
	43579
Fröhner	6138
Fröhner E	4057
	32333
Fröier K	1289
	2356
	74265
	90185
Froiland S G	47233
Frokjer D	70722
Frölich	5761
Frölich A	42873
	60436
Frolich E F	90586
Frölich L R W	5730
Frölich W	43033
Frolik E F	977
	12451
Frolov P	39587
Frolov P V	39588
	48578
	57351
	73651
Frolov-Bagreev A M	35489
Frolova Z O	35490
Frolova-Bagreeva E A	32868
	35491
Frolow M	54562
Frolow V	74520
	74521
Fromm A	17749
Fromm F	29260
	39060
Fromm G	4597
Frommeld	57009
Frommherz	32334
	41810
	50836
	50837
Frommholz W	44859
Frömming E	28743
	47381
	89498
Fromont P	80157
Frømyr K	87066
Fronda F M	2444
	5232
	9574

	Item
Fronda F M	84812
	84948
	84956
Fronda R E	60210
Fronius K	67055
	83519
	91985
	92032
Fronk W D	5932
	16194
	43176
Frontini C A	4058
	51829
	67351
Froreich von	6782
	16986
	68937
Frosheiser F I	11995
Frost	19217
Frost D J	71023
Frost D V	63947
Frost E H	39991
Frost F	31590
	58761
Frost G	18083
Frost H C	36359
Frost H F	35705
Frost J	92423
Frost K R	61679
Frost M H Jr	34455
Frost O M	18196
	36106
	87527
Frost R E	66113
Frost S L	14329
Frost S W	24381
	43437
	68410
	77161
Frostenson G	36459
Frota-Pessoa O	52529
Frouin J	95713
Frow R W	16350
Frøystad B	13933
Frudden C E	17225
Frugier J	19571
Früh J	32621
Fruhinsholz F	3673
Fruit Growers Supply Co	96047
Frutchey C W	2184
Frutchey F P	19684
Fruton J S	78818
Fry C E	24198
Fry D E	42253
Fry G	33387
Fry H S	2914
	19102
	46648
	59461
	63843
	71327
	72041
	88339
	95969
Fry J K	88114
Fry P R	20078
	56601
Frydlender J H	18627
	26938
Frye J B Jr	15533
	42208
	76203
Frye T C	89397
	89398
Fryer E R	37055
Fryer L	22025
Fryjordet T	31465
	31553
	75216
	83240

	Item
Frykholm L	10217
	16351
	19601
Fu W H	13003
Fu W W	81036
Fuchs	56016
	58259
Fuchs A	2860
Fuchs A W	87929
Fuchs H	28404
	36360
	36867
	90777
	90778
	90934
Fuchs L	851
Fuchs P	3881
	50838
Fuchs W H	852
Fuchss H	91366
Fudge J F	14271
	22039
	50036
Fuechsel R E	59645
Fuelleman R F	29702
	29781
	30534
	39474
	39534
	48511
Fuentes A	57088
Fuentes C	88867
Fuentes C E	66166
Fuentes O A	1196
	20558
	57087
Fufaev A	35095
	61570
Fufaev A M	34765
	34766
Fuga A G	48432
Fuggetta P	31075
Fuhlendorf	94504
Fuhriman W U	46440
Fuhrmann H	45986
Fujibayashi M	50423
	50424
Fujii K	20191
Fujii S	72319
Fujii T	90935
Fujikawa T	64334
	91403
Fujimaki Y	96111
Fujimoto G	32266
Fujioka Y	72549
Fujisaki T	42861
Fujita G	50646
Fujita Y	28531
	47234
Fujiwara A	64748
	91191
	91192
Fujiyoshi S	73087
Fukagawa K	76689
Fukai H	82844
Fukarek P	80965
	80966
	89112
Fukaya M	34578
	43786
	85955
Fukazawa N	94104
Fukuda J	77214
Fukuda N	33854
Fukuda T	86051
	86052
	86053
	86054
Fukui H	50448
Fukunaga E T	73303
Fukunaga K	68411
Fukushima H	11565
	47322
Fukushima S	82899

	Item
Fukuyama M	50460
Fukuzumi S	52358
	52359
	84877
Fulghum R M	80475
Fulker C W	35327
	88682
Fulkerson J F	47484
	47502
	64335
	64336
Fullagar H R	59937
	84642
Fullarton M	11371
Fullaway D T	61117
Fuller A D	22126
Fuller C	8848
Fuller C E K	21859
Fuller F B	6907
Fuller F M	77610
Fuller G H	10216
Fuller H	87454
Fuller H J	13685
	19750
	23823
	60076
	76801
Fuller H S	16490
	85560
Fuller J P	23303
Fuller R A	5884
Fuller V	8700
	55102
	63314
Fuller W C	64884
Fuller W H	2568
	13796
	30766
	40654
	49426
	56772
	58072
Fullerton A W	22372
Fulling E H	22210
Fullmer F	12282
Fullmer O H	34325
Fulmer J L	27620
Fulmer L R L	92906
Fulton D	37710
	57217
Fulton E F	49266
Fulton F S	44308
Fulton J P	64331
	64332
	89709
Fulton J S	67906
Fulton R A	6045
	24414
	33924
	34496
	52141
	85448
	93486
Fulton R H	19994
	20069
	56388
	56504
Fulton R W	47626
	72852
	89710
Fulton S	29939
Fults J L	11789
	39061
	48047
	56818
	73215
Fumagalli A	1196
	20558
	57087
	57088
Fumelli A	12619
	27952
	90236

	Item
Funaoka K	59121
Funchess M J	28744
Funck B	67089
Funck J	75056
Funder A	67195
FunderBurk C B	46795
Fung K F	76833
Funk	19008
Funk D	21363
Funk E	86468
Funk E D Jr	48273
Funk E M	68109
Funk H J	46784
Funk K	83753
Funk R B	15717
Funk Bros Seed Co	56142
Fuqua C	72020
Fur Foods Co-op	84584
Furbank A W	82831
	85494
Furbush P B	65955
Furer J D	25453
Furfjord A	53940
Furihata R	39228
Furlatt C	50425
Furlong C R	87521
Furlong J R	9196
	9267
	18503
	18566
	79745
Furman J	32518
Furman L	21437
Furman L M	95665
Furmidge C G L	85337
Furnas J C	71928
Furneaux B	1565
	2915
	14067
	49392
	90550
Furneaux B S	21478
	46584
	46585
	66114
Furness J G	95796
Furniss J H	10979
Furon R	3044
Furr J R	49879
Furr R E	78106
Furrer E	631
Furrer J D	40276
Furry M S	11283
	56057
Furshpan E	77158
	77821
Furst	59646
Furst G G	29248
	38899
Fürst H	72671
Furtado C X	38437
Furter M F	80683
Furth F W	51385
Furumoto H H	76535
Furuse M	41487
	50509
Furuta T	1948
	1949
	28951
	74618
	74619
Furuya H	77139
Fusconi A	12870
Fusey P	11566
	38524
Fushtey S G	47503
Fussell G E	10275
	11248
	15078
Fussell G E	15271
	19642
	26163
	28299
	34767
	38204
	58421
	64025
	69693
	89113
	91506
	95579
Fusslein E R	36460
Futral J G	17936
Futrell M F	55908
Futschik J	35821
	62111
	79604
Future Farmers of America Wyoming Association	80558
Fyfe Sir C	37939
Fyfe J L	64668
Fyg W	52235
	77388
	77389
Fynn C A	49502
Gaafar S M	42656
	84813
Gaalen H J v	40254
Gaarder P I	1950
	48969
Gaastra P	74157
Gabaldon A	61007
Gabbard L P	17692
	18181
	45153
Gabel W	7877
	44679
	44902
	62198
	70110
	70111
	86987
	94754
Gable J	73977
Gäbler H	16087
	33855
	85352
Gaboriaud R	35622
Gaborno V A	55649
Gabotto L	13563
	72672
	82256
Gabriel G	24373
Gabrielian T	94750
Gabrielson I N	58651
Gachon L	30750
	46378
Gacitua H	1180
Gacitúa L R H	12620
Gad A M	43511
Gadakhabadze V I	25115
Gadal A	80071
Gadd G O	14902
	75593
Gadd H E	34842
Gadd I	29461
	73047
Gaddis A M	87792
Gaddis C	78201
Gaddy V L	66699
Gadea M	73409
Gaden E L Jr	26164
Gadenz K	75416
Gadet R	31024
	38963
	64720
	81755
Gadge S W	6139
Gadka J	39992
Gadkari P D	89892
	94971
Gadolin A von	55589
Gadow von	66925
Gadras M	86144
Gadre S B	16786
Gadsby G M	7380
Gadzhiev D M	36271
Gadzhiev V	57218
Gaebert H W	72401
Gaede H J	55613
Gaedtke W	24286
Gael' A G	31694
	66847
	91749
Gaeng F	35492
Gaeng F E	7747
	44680
Gaerder P J	1951
Gaevskaĭa I G	56731
Gaevskiĭ Iŭ	35033
Gaffey H	76755
Gaffney P C	14724
Gaffron H	20297
Gaganov P G	73978
Gage A	73037
Gage J C	6042
	16276
	24438
Gaggermeier G	4598
	84306
Gagliani M	85707
	93822
Gagliardi G	76642
Gagnieu A	73048
Gagne C	63709
Gagné E	3273
	3364
	3365
	66511
Gagnepain F	64188
	72192
	89300
	89301
	89302
	89303
Gagnotto A V	72673
Gagnieu A	23152
Gahan A B	11264
Gahm O E	40182
	57828
Gaier R	42143
Gaignaux D	20888
Gaignet	94809
Gaikwad S R	72575
Gaillard J A	25127
Gaillard R	52236
	61156
	77390
Gainer J M	27000
Gaines C L	55761
Gaines E M	14573
	14574
Gaines J C	16195
	25397
	34274
	43384
	52044
	52666
	52812
	52854
	61226
	77220
	77294
21	77610
	85860
	93756
Gaines J P	25442
	54517
	55460
Gaines R C	77280
	93757
Gaines R L	53637
	61927
Gaines T B	7154
Gaines T C	63378
Gaines Dog Research Center	42391
Gainey P L	82724
Gainza Botteri E	2916
	58260
Gaiser R N	22277
	40402
Gaitonde M K	1040
Gaitsgori G L	62373
Gajewski W	23153
Gajic V	19409
Gakou Talibouna	32750
Galakhov P N	24928
	24929
Galán E	80659
Galan P	28171
Galande N K	73536
Galang F G	2752
	2861
	12967
	21687
	29923
	36107
	39724
	48274
	57077
	64982
	73410
	88278
Galantino T	27235
Galas'ev V A	41336
Galassi D	92282
Galavielle L	28532
Galaziĭ G I	89368
Galban E	74351
Galbis J A	48446
Galbraith J K	37056
	63208
Galbraith M	59842
Galceran V	8466
Galceran-Exco-bet V	70386
Gal'chenko D	86343
Gal'chenko I N	3442
	31695
	56686
	89972
Galdin M	25347
	34917
Galdin M V	34918
	61475
Galdston I	63888
Gale G	13817
Gale J F	12750
	31271
	66705
Gale P T	87198
	94947
Gale S	92907
Galea M	23705
Galensa F	78486
Galeon F C	60381
Galeone G	94644
Galesloot T E	7970
	7971
Galet P	314
	13089
	13767
	30070
	30071
Galey D O	781
Galgan M W	4769
	4470
	4471
Galiakberov N Z	4371
	59462
Galiani I	74471
Galiardo J A	52947
Galichet P	52791
Galichnikova L A	33030
	59188
Galicia D F	58858
Galilee M	94239
Galinat M	28481
Galinat W C	30427
Galindo A	5108
	12621
	15702
	23680
	24159
	42272
	42984
	51779
	64983
	67480
	85108
	92874
Galindo F	87715
Galindo García F	16004
Galinovsky F	48152
Galiulina Z A	38549
Galfûshev V	3443
Gall L S	59189
	84313
Gall P A	35328
Galla M	70387
Gallagher J E	91022
Gallagher O R	37808
Galland H	15653
Gallardo B	48661
Gallastehui Artiz I	12622
Gallaway B M	40403
Gallay R	16687
	28871
	28957
	30021
	30428
	81567
	86739
Galle F C	73147
Gallegly M Jr	11949
Gallegly M E	24382
	56505
Gallegly M E Jr	12498
Gallego Echeverri J	84064
Gallego Jimenez D	41811
Gallego L J J	66607
Gallego Piedrafita J	5235
	5311
	60211
Gallegos C A	16073
Galletti A C	2674
	13768
	17296
	18628
	21804
	75761
	81850
	94537
Galley R A E	61794
	85353
Galli A	84664
Galli F	91202

	Item
Galliard H	35839
Galli A	75727
Galli O	65382
Gallie A K	9002
Gallie J G E	32699
Gallina G	92606
Gallina L	15422
	32715
	41657
	42465
	51198
	51482
	59308
	59309
	59647
	75855
	76643
	84665
	84666
Gallmetzer J	10966
Gallo A	88938
	88939
Gallo C	14264
Gallo D	33856
	34456
Gallo G	63791
Gallo P	6519
	15164
	15165
	15220
	83856
	84713
Galløe O	28678
Gallop R A	48167
Galloway A H	7748
	86740
Galloway I A	75856
Galloway J	75857
	140[illegible]
	29556
Galloway J A	50208
Galloway J R	83610
Galloway L D	411
	25664
	25665
Galloway L S	11149
	36619
	55950
	47010
	92239
Galloway R E	10677
	88752
	95986
Galloway Cattle Society of Gt Brit and Ireland	41964
Gallup A H	73148
Gallup G H	30429
Gallup W D	30814
	76223
	76236
	85077
Gallwitz K	5109
	6439
	17391
	63311
	86145
Gallwitz W	53144
Galofre E J	84893
Galoux A	3476
	21688
	50265
	75241
Gal'perin A S	27117
	27118
Gal'pern G D	20157
Galpin E A	38850
	47693
Galpy R	51304
	94274
Galston A W	29212
Galt E F	76038
Galt M H	10276
Galtier P	88477
Galton M M	4877
	67821
	84513
Galus H S	8054
Galusha H D Jr	55065
Galvagni A	17119
	56819
Galvagni E	78107
Galvão A T	10277
Galvez E	37306
	37307
	63209
	71208
	88146
Galvez N L	21522
	21915
	82669
	82832
Galvin M R	84271
Galyon F B Jr	82354
Gama R N da	43098
Gambarelli G	17750
Gambaro P	16999
Gambia Dept of Development and Agriculture	89082
Gambill E	46164
	55073
	88254
Gamble D P	88702
Gamble J A	65588
Gamble J L	19998
Gamble J R	80476
Gamble R E	84667
Gamble S J R	13797
Gambles R M	34703
	77611
Gamboa Loyarte J M	64089
Gambrell F L	60827
Gámez A	51199
	83857
Gamio M	27621
	88710
Gamirov F A	24646
Gammon B O	76039
Gammon C	30607
Gammon E T	47382
Gammon N Jr	49752
	58115
	58124
	82833
Gammons C C	54986
	69522
Gams H	199
	11531
	26276
	64256
Gan P A	75313
Ganay E	1952
comte de	
Ganay E de	65589
Ganchev A	83569
Gand H R in der	58849
Gandhi M P	35972
Gandhi R T	12738
Gandhi S R	73778
Gandolfo N	4059
Gandy J	23304
Gane R	7613
	86648
	94522
	94605
Ganes L	18911
Ganghofer A von	22278
Gangsaas H A H	94841
Gangstad E O	30272
	56444
	65956
	73476
Ganguli S M	81309
Ganis R	59648
Gankevich K M	33998
	33999
Gannat	35815
Gannon A	33388
	51687
Gannon E A	76438
Gannon M E	85276
Gannon R	21095
	54361
Gannon R T	48970
Gannushkin M S	4060
Ganong R Y	24917
Gans M	58205
Gansdorf C	16352
	16353
	16354
	16355
	16356
Ganser A	37809
Gansser A	24807
	54667
Gante J	65289
Gante J R	742
Gante T	412
Gantner F	44530
Gantshel' M A	33145
Gantz G M	8467
	26359
	45170
	87199
Gantz H	79020
Ganuszkin M S	22930
Ganz A	16357
	47939
Gapen K	25366
Gapen K M	7344
	7650
	46342
	77269
	93273
	94452
Gara L	96207
Garabeth	83466
Garai O F	59843
Garam de	79203
Garangeat S	73741
Garanin F V	67621
Garashchuk A	26165
Garassini L A	7749
	49458
Garattoni E	1566
	4599
	32622
	42144
	42273
	51102
	64984
	73537
	80259
	88340
Garau Salva J	67963
Garav O A	79491
Garbari M	2917
	10061
	13852
	55202
	91639
	91640
Garber R H	11789
Garber R J	38969
	48440
	90428
Garberg E	37810
Garbers G V	84683
	84684
Garbosky A	49479
Garbosky A J	12965
	81378
	86520
Garbutt R J	15582
Garção A M S	3882
Garcés O C	11966
	81228
Garcia A	33857
García C	20298
Garcia H	59310
Garcia J U	46904
	71541
Garcia M	6613
Garcia R V	87930
Garcia Alfonso C	92283
Garcia B C	73149
Garcia-Badell J G	70711
Garcia-Badell G	79982
Garcia Baylleres J L	18769
	73150
Garcia Cadena A	84447
Garcia Carlos S	76943
	83699
García de Andoain J	45772
	87865
Garcia de Angulo J R	44681
García Fortuño M	44989
Garcia Gisbert C	57829
Garcia Gorrita J	6140
	16358
Garcia Guillinta M J	79366
Garcia Gutiérrez M	36780
García Isidro M	10491
	26454
García Lazo R	71282
Garcia M de P	86741
García Mata E	22779
	59996
	92190
García Méndez M A	45987
Garcia-Menendez B	31096
	37078
	42494
	46649
	54894
	56017
	71809
	95931
Garcia Merlano G	88341
García-Molinari O	1353
Garcia Ruiz F	52948
	61350
Garcia Valencia E	84000
Garcia Verduch A	40393
	49384
Garcia Vicente J	30767
	40392
	49427
Garcia Villafañe L A	10062
Garcias S A	46650
Gard K R	90470
Gard S	5806
Gard W	21086
	88279
	89151
Gardé A	23154
Garde R P	55882
Gardella C	12133
Garden Club of New Jersey	1953
Gardener E H	82130
Gardenhire J H	48357
Garderen J van	49626
Gardhouse R	92424
Gardiner C H	23698
Gardiner G	74266
Gardiner H C	76965
Gardiner J E	60629
Gardiner J G	71410
Gardiner P	6440
Gardiner T P	94842
Gardner A E	25126
	52031
	52882
	52883
	52884
Gardner A M	78263
Gardner B W Jr	91872
	36672
	45657
	87716
Gardner C	53584
Gardner C A	65957
	66864
	74267
	75139
Gardner D R	66226
Gardner E J	16688
	16689
	24808
	34326
	57789
Gardner E R	53003
Gardner H K	36706
Gardner H W	2564
	63971
Gardner J A F	31963
	59091
	92068
Gardner J L	12069
Gardner K B	46796
	46797
	46810
	69590
	71954
Gardner K E	76171
	76172
	76173
	76439
	79197
Gardner L I	28172
Gardner L K	31777
Gardner R	57010
Gardner R A	40540
Gardner R C B	64119
Gardner T D	15650
Gardner V R	20299
	20360
	21364

	Item
Gardner W	58073
Gardner W H	36781
Gardner W U	84552
Garduño R	60548
Gareau G	51602
Garenc P	86469
Garese P	13564
	81284
Gareth-Gwynne	20655
Garets O des	69513
Garey C L	66176
Garfunkel L	28067
Garg D N	11649
Gargani G	51200
	67602
Garhart M D	68492
Garibaldi J A	44585
	53553
Garibaldi R J	28068
Gariboldi A	80610
Gariboldi F	1181
	29557
	79578
Garini T	35973
Garino-Canina E	25804
	44682
Garino-Canina F	35974
Garion L Jr	66328
Garjeanne A J M	19816
	47313
Garkavi O V	84307
Garkusha I F	58059
Garland E A	14069
	14519
	14558
Garlichs O	62980
	71024
Garlick N L	84668
Garling K	25430
Garlinghouse B E	66512
Garlock F L	27253
	46096
Garm O	84308
Garman C G	27439
Garman P	33858
	54313
	68412
	68604
	68904
	69297
Garman W H	49627
Garman W L	58206
Garmash N K	68308
Garmendia L I	5762
	24252
Garmi J	1638
Garnatz G	25623
	43316
	54459
	78721
	87576
	94524
Garner E D	62909
Garner F H	84309
Garner H V	74573
	74574
	91507
Garner N	57219
Garner R J	1639
	1741
	42145
Garnett G	10980
	11290
Garnett K J	92607
Garnett W	92993
	17456

	Item
Garnham P C C	6588
Garnham R	66329
Garnica S	67657
Garnier	61795
Garnier B J	19699
	89199
Garnier J	44180
Garnier L	14175
Garnier M	4938
	55650
	88342
Garnsey M E	66513
Garoglio P G	6652
	7750
	9415
	9416
	36703
	36704
	52636
	54715
Garoian L Jr	28745
	40655
Garola J	21689
	40959
	74575
	74576
	82751
Garrad G H	88753
Garrard W M	8468
	26360
	64749
Garratt K	17911
Garratt T T C	35816
Garrelds	54460
	54461
Garren H W	33123
Garren R G Jr	48138
Garrett H E	65105
	87200
	95797
Garrett H U	59649
	84406
Garrett J W	54750
Garrett P	25501
	35096
Garrett R N	90510
Garrett S D	632
	74472
Garrett-Jones C	34402
Garrica A	18812
Garrido M	51688
Garrido Lozier O	4061
	28872
Garrido Marquez J	913
	44571
	53561
	70737
Garrigues R	39062
Garrigus W P	4472
	5641
	5642
	59567
	60446
	67550
	67551
	68284
	76440
	92531
Garris E W	28069
Garris H R	11650
Garrison C S	48433
	81977
Garrison E R	44903
Garrison G A	3578
Garrison O B	56010
Garrison P M	41286

	Item
Garrison R H	88018
Garriss H R	19995
	20772
	20773
	57421
	81355
	91504
Garros U	18391
Garrott W N	18297
	87396
	87397
Garside J S	24809
Gartley K M	23824
Gärtner A	13686
	49965
Gartner C	88115
Gärtner F	3699
	8469
Gärtner J G	13262
Gärtner R	5618
Gärtner N A	49345
	49628
Garton G A	5666
	43034
Garton J	31097
Garton J E	14070
	17292
	91404
Gartons Ltd	12751
Gartrell F E	6589
Garver H L	78819
Garvey F A	36575
Garvie E I	79005
Garwick C	63210
Garwood J	9417
Gary F L	92908
Garza Brito A de la	19330
Garza Uribe P	57160
	63466
Gasc Daireaux	413
Gaschen H	78264
Gasco G	54645
	70112
Gasiorkiewicz E C	56820
Gaskill J O	38665
	39061
	73675
Gaskins S	35975
Gaslini P	69523
Gasow F	15583
Gaspard R	85258
Gaspardis D	5731
	33720
Gasparetto A	31075
Gasparetto F	31075
Gasparetto M L M	55520
Gasparini M	65106
	74724
Gaspart E	2753
	66115
	66330
Gasser E	9418
	26939
Gasser F	47383
Gasser R	16561
	77612
Gassner	4770
	7034
	8108
	9917
	23305
	26277
	37811
	57220

	Item
Gassner F M	23306
	51201
	76288
Gassner F X	4600
	23106
	23117
Gassner G	19914
	28873
	56687
	64750
	89593
Gassner J K	82257
Gassner M	55369
Gasser R	43385
Gast F	48434
Gast K A	45422
Gastaud J	13237
	30234
	65590
Gastineau R L	46920
	55832
Gastler G	75762
Gastler G F	11164
Gaston H P	8764
	18282
	61448
	79437
	95120
Gastrock E A	54716
	54744
	87845
	87879
Gaté S	83839
Gatehouse R C	81229
Gatenby W W	78701
Gates A D	37812
	71830
Gates C M	65958
Gates C T	12314
Gates D E	5933
Gates D M	64751
Gates D W	59972
	67922
Gates G R G	7209
Gates H E	57689
	90779
Gates L O	88998
Gates P J	27001
	36782
Gates R R	38906
	89304
Gatheron J M	82696
Gatin A	11790
	69801
Gatovskii L M	88343
Gattani M L	414
	11372
	11791
	38907
	45305
Gattefossé	48971
Gattefosse J	9419
	64885
Gattinara R C	78521
Gattinara S	31339
Gattinger	35623
Gattis J L	48275
	65959
	69501
Gatton K	80260
Gattoni L A	9003
	18392
	25524
	53312
Gatty R	55651
Gauba E	47705
Gauby F	75417
Gauch H G	1019
Gauckler K	72278
Gaud J	16690

	Item
Gaudchau M D	315
	11165
Gaudineau	11792
Gaudineau M	56506
	64431
Gaudio S del	13050
	56821
Gaudron J	65960
Gauharou	85144
Gaukel F	85495
Gaul	10482
	25204
	31057
	46379
	49817
	58379
	69097
Gaul A T	69264
	16142
	24344
	61118
	61119
	78018
Gaulden M E	6848
	25092
	43875
	94158
	94159
Gault W	54771
Gaulter L	90780
Gaultier J F	75670
Gaultier M	18849
Gäumann E	28679
	28874
	28875
	28876
	28877
	29462
	47940
	81146
	81568
Gäumann E A	316
Gaume R	24
	47204
	56650
	64257
	80875
	89395
Gaumnitz E W	17827
	53708
Gaumont R	34575
Gaunt A	50184
Gaus G E	8587
Gaus H	17415
	44181
	44182
	61527
	64964
Gausman H W	39474
Gaussen H	29053
	89305
	89306
Gaustad M	92805
Gautheret R	20021
	39107
	47996
Gautheret R J	21365
	29261
	56868
	72809
	90026
Gauthier F	57221
Gauthier J	80155
Gauthier M	13655
	21425
	65449
	74352
Gauthier-Lievre L	89425

	Item
Gautier J	26361
	44453
Gautriaud J	49346
Gavaudan P	12134
	12315
	23031
	29262
Gaveau R	52949
Gavel L von	70025
Gavette C C	49629
Gavez E	59956
Gaviola E	38277
Gavrenkov I	58692
Gavrikov D	33082
Gavrilkevich B B	20976
	30072
Gavrilov I M	32623
Gavrilov N M	57222
Gavrilov G S	90781
Gavrilov IU	44990
Gavrilov N V	24160
Gavrilova E A	53424
Gavrilova V A	56976
Gavshin A S	50839
Gay C W	23423
	26834
	28221
	42274
	59411
	76040
	79704
	92425
Gay F J	52885
Gay J	13565
Gay J R	42363
Gay R W	40792
Gay T	9004
	18393
	36361
	62685
Gayan S C	11300
	12316
Gayden H P	41965
	76041
Gaye P F	73714
Gayed S K	47552
Gayer C	12623
	48276
Gayford G W	12968
	28870
	39725
	47627
	73743
Gayl A	1354
	51305
	56651
	57223
	58840
	81978
Gayle R G	47941
Gayler	22373
	58693
Gayler W	3477
Gaylord C G	56003
	95770
Gaylord F C	62557
	86660
Gayot G	24097
	59311
	59840
	59844
	59995
	84503
	84504
Gayot L	23575
Gayral P	38504
Gayre G R	2445
	45597
Gazaway H P	95284
Gazdarov M	86260
Gazder P J	23075
Gazonnaud P	83493
Gaztambide Arrillaga C	4304
	44314
	51306
	76441
	77613
Gazzera E	22395
	39914
	66456
Gazzo J	77320
Gdanitz L C	81616
	83150
Gear R D	74725
Geary L	69386
Geary W A	63844
Gebauer F	82286
Gebauer H	59650
	60460
Gebauer O	26849
Gebbers K	10678
Gebbers K H	46651
Gebel W	23107
Gebgardt A G	40496
	58141
Gebhard M	94596
Gebhard W H	32789
	51271
Gebhardt A	71542
Gebhardt H	14865
	50507
	59020
	70211
	70212
	79136
Geck W H	95166
Gecow R	75140
Geddes C H	64432
Geddes H J	1355
	7301
	15348
	15516
	23108
Geddes R	66608
Geddes W	86392
Geddes W F	9005
	9040
	17883
	35220
	54429
	54702
	62898
	79055
	87572
	87578
Geddings M T	78342
Gedeon J	90153
Gee C W	49941
Gee G	71065
	71068
	71069
Gee J C de	13769
	30768
Gee L L	5233
	23915
	33273
Geel J D W van	1954
Geelen T E J M	17007
	39876
Geer W C	9599
	18726
	72550
Geerdes J D	62686
Geering J	317
Geertsen J P S	1567
Geessink E F	16045
Geest de	26166
Geest E de	70213
Geete E	3478
	22523
Gefahrt J	31935
	58946
	91986
	92061
	92062
Geffen L R	5045
	42356
Gegel'skiĭ I N	29263
Gehbauer F	39726
	65290
Gehl D	86287
Gehle H	26672
	45517
Gehlen B	6783
Gehman S D	63049
	71070
Gehrke A F	45773
Gehrke C W	31261
	40927
	79006
Gehrmann N	36108
Gehuchte E van de	69898
Geib A F	34424
Geib K W	91249
Geidel'man M M	27119
	71122
Geier P	34174
	34434
	34473
	39323
	68938
Geiger	21992
Geiger G	92582
Geiger H E	27899
Geiger R	3479
	66973
Geiger W C	25159
Geijskes D C	17155
Geil L H	26042
Geiler H	94082
Geiler H F	6976
	17226
Geiling E M K	47939
Geise W	75358
Geiser D S	743
	12046
	12197
	27085
	45937
Geiser S	11373
	18394
Geiser S W	6361
Geisler E	16562
Geiss	25805
Geiss E	35493
Geiss H	70712
Geiss W	7751
Geissenhainer E L	54363
Geissler F	10213
Geissler G	37429
	46342
	46344
Geissler G F	10063
	21858
	46258
	46259
	55203
	55204
	62325
	79263
	79264
Geissler H	76802
Geissman T A	39229
	48158
Geitler L	38908
	47749
	47750
	47751
	47752
	81064
Geitmann C	82834
Gelardo R P	85448
Gelashvili N T	35494
	78883
	78884
Geldof W	7035
	7036
	69157
Geleick H	20423
	56942
	73298
Gelein C	13238
	65591
	90782
Gelenczei E	5807
Geli Gener J	92837
Geliashevich K	31754
Gelíashevich K S	3444
Gelin O	47677
	49148
	64985
Gelin O E V	12317
	20656
	56822
	91517
Gelinas P A	69484
Gellatley J G	24930
Gellatly J U	73902
Gellendien W	35976
Geller G	36109
Geller I A	853
	2611
	21690
	39230
Geller K	44252
	53246
Gelli P	22026
	22027
	58552
	58553
Geller K	44252
	53246
Gel'man A IA	86172
Gel'man B	34954
Gel'man V	27374
	46184
Gelormini N	16006
	77107
Geloso A R	40183
	49149
	74158
Gelpi A J Jr	32629
	53941
	38405
Gelting P	41220
Gel'fser F IU	10967
Geluk J A	61449
Gembloux Station de Génie Rural de l'État	
Gemeren P van	6977
	7062
	25398
	25431
	34911
	34970
	34995
	38572
	44045
	44153
	52950
	61420
	86146
	94489
Gemeroy D G	23711
Gemmeke	19103
Gemmell A R	64258
Gemmill A V	61845
	63103
Genchel M	39466
	39467
Gendel'man M	71722
Genderen H van	47947
Genduso P	34241
Genel Manzo R	31099
Genelm R	14071
General Electric Co	90890
General Mortgage Bank of Palestine	88189
Generalov D A	35977
Generalov F S	29703
	36498
	87717
	90334
Generalova V N	11567
Generoso J D	4878
Genest P	75858
	85247
Geneste J L	2755
	13934
Genestine R	49818
	53026
	53027
	55521
Geneva Université Institut de Botanique Générale	74353
Genevès L	72966
Genevois L	7752
	29092
	44683
	61928
Gengoux P	4879
	15166
Genikhovich M	25286
Genin A	7575
Génin G	6046
	26167
	43263
	44991
	52174
	65961
	70033
	74268
	91023
Genis G J	82977
Genis y Horta E	8470
Genkel' P A	47942
Gennburg C	66952

	Item
Genoa Camera di Commercio Industria e Agricoltura	71411
Ufficio Provinciale di Statistica	71209
Genovese M del	8109
	40793
Gensinger E	48701
Gensler W J	14951
	83639
Genth H	72265
Gentilcore R L	14072
Gentile G	20322
	52637
	73817
Gentile R	20889
Gentilini L	25806
	61929
Gentilucci T	38675
	78108
Gentles J C	38525
	38526
	39719
Gentner	33001
Gentner H	69328
Gentner L G	48523
	52068
Gentry D L	86568
Gentry G	94220
Gentry H S	28405
Genty A	4988
Genty P	72193
Genty Y	3823
Genung W G	56444
Geoffroy R	26673
Geoghegan M J	2446
Geörch F	15390
Georg	36362
Georg L K	12318
Georgadze M	37508
George C	18680
George D W	81889
George H F	69983
George J	3811
	83542
	92017
George M C Jr	30938
George P	19009
George W	26362
Georges G	47319
Georghiou G P	24518
	77614
Georgi A	22983
	51386
Georgi E	6141
	16359
Georgia Dept of Entomology	52049
	52085
	52119
Georgia State College of Agriculture	96241
Georgia Swine Breeders' Association	93198
Georgia University College of Agriculture	28364
Georgiev G	55130
Georgievskii N P	58789
Georgievskii V G	26940
Georgievskii V N	75314
Georgilas M	39993
Georgopulos A	91813
Georlette R	25
	2185
	28406
	72967
Georsch H	86226
Geortay G	2447
	81226
Gerald S	19010
Gerard G	59190
	75549
Gerard R	10881
	90783
Gerard Lugard J	40328
Gerardi G	36363
	54462
Gerards	10019
Gerasenkov B I	57224
Gerashchenko B	71412
Gerasimenko A E	36499
Gerasimov B A	2186
Gerasimov F P	32624
	75763
Gerasimov I A	76060
Gerasimov I P	66609
	91405
Gerasimov M A	35495
	69802
Gerasimov N V	53071
Gerasimova-Navashina E N	47849
	89973
Geraskevich S V	34919
Gerber G W	26128
Gerbeaux C	4683
	32770
	32771
	59714
	67633
	76376
	84365
Gerbella	66610
Gerber A	49630
	81231
Gerber G W	86857
Gerber H	47978
	49672
Gerber J	53769
Gerber R	68548
Gerber R K	39721
	57532
	57537
Gerberding J	30430
Gerberg E J	34242
Gerbinot B	29259
Gerbranda G	14494
	22241
	75172
Gercke A	16360
Gercken K	92406
Gerdener T	64026
	64027
Gerdes F L	34750
Gerebtzoff M A	33927
Geremia G	71265
Gerhard H	31377
Gerhardt E	93581
Gerhardt P D	24990
	34457
	52112
	61120
	94023
	94083
Gerhardt R W	16770
	52596
Gerhold N R	64433
Gerhold W	9006
	18395
	26674
	26675
Gerich W von	14259
	29704
	40960
Gerichter C B	24161
Gericke A M	33124
	60138
	62981
	84957
Gericke A M M	9528
Gericke S	58554
	66678
Gerigny P	87852
Gerke B	84197
Gerken J	71610
Gerlach H	13090
Gerlach J	91296
Gerlaugh P	4305
	26850
	59554
Gerling J	30235
Gerloff G C	228
	29264
Germ H	854
	21366
	29265
	29848
	36868
	40277
	47384
	47385
Germain R	122
German A N	67363
German F	12319
German H L	23825
German V A	23622
	41812
Germann F	67907
Germann K	70058
Germano A	52178
Germanov A A	31258
Germanov G	46185
Germany (Federal Republic) Bundesministerium für Gesamtdeutsche Fragen	72042
Germany (Federal Republic) Land-und Hauswirtschaftlicher Auswertungs- und Informationsdienst	71856
	90194
	90195
	90335
	90336
	91266
	91297
	91367
	91368
	92198
	92199
	92200
	92201
	92532
	92533
	92534
	92686
	92687
	93063
	93226
	94275
	94448
	95798
Germany (Federal Republic) Land-und Hauswirtschaftlicher Auswertungs- und Informationsdienst	95856
	94899
	95972
	96123
	96124
Germany (Federal Republic) Laws Statutes, Etc.	32011
Germany (Federal Republic) Ministerium für Ernährung Landwirtschaft und Forsten	77947
Germany (Federal Republic) Ministry for the Marshall Plan	37308
Germany (Federal Republic) Statistisches Bundesamt	7663
	8363
	8927
	9420
	18396
	26627
	26675
	70765
	72042
	80002
	88940
	94619
Germany (Territory under Allied Occupation 1945-) Laws Statutes etc	22587
Germashev S	42985
Germatskii A	7037
	61395
Germatskii A P	61476
Germeten F	41024
Germond D de	34512
	52429
	61121
Gerna I	203
Gerneck R	6441
Gerngross O	14947
	22680
Gerontological Society	89027
Gerosa G	4601
	22931
Gerov K	84065
Gerrard F	26877
	36645
Gerretsen F C	11374
Gerrie H	70713
Gerrie W A G	17443
Gerriets E	23919
	84866
	84867
	94276
Gerriets J	84868
Gerrits C	64337
Gerritsen C	5934
	8849
	13239
Gerritsen C J	8622
	57625
	73818
Gerritsen H J	3181
	14457
Gerritsen J D	13091
	30073
	30074
	30075
	30076
	39808
	39809
	39877
	39878
	43386
	48846
	48847
	48848
	65460
	65461
	87316
Gerry B I	6520
	85798
Gerry E	66865
	67102
Gerry R W	23836
Gersdorf	60828
	68643
Gersdorf E	28746
	77708
Gersdorff W A	6546
	24840
	33926
	52530
	77843
Gersh E S	68738
Gersh G	25432
	44183
	44184
Gershben S	53175
	9412
	79791
Gershtein L A	1041
Gersmann H R	57952
Gerstenberg	17190
Gertler S I	24434
	24840
	52530
	78171
Gertsch M E	13566
	13567
	13568
	21409
	30599
Gertsch W J	16491
Gerßyk V K	50352
Gervay V	93543
Gerwe R D	54362
Gerwen J A M van	79265
Gerzhoĭ A P	62687
Gesell A H	29705
Gesell S G	43178
	52086
	61311
Gesellschaft Deutscher Chemiker	17571
	86545
	95436
Geshele É É	57934
Geslin R C	62598
	86486

	Item
Gessat R	71539
	73411
Gessel S P	30731
	49530
Gessert C F	92608
Gessner A L	17630
	25639
	45340
Gessner F	855
	64620
	81569
Gestefield H	21087
Getchell D F	54563
Gefsman V	44253
Gettert L	16361
	93582
Getty J	5218
	84853
Getty R	5815
Getty R G	18681
Gettys W	2650
	40551
	49510
Getz A T	35294
Getz H R	11038
	19529
Getz W L	41389
Geul H	41390
Geurden L G M	5312
Geurden L M G	5313
	76803
	83858
Geus L H de	15972
	68268
Geuting H	86615
Geuze M A	10982
Gevorkian A M	20977
	74577
	74726
Gevorkian M A	32716
Gevorkiantz S R	14542
	58750
Geyer A L	123
	13240
	72382
Geyer H	8850
	26278
	45278
	54190
	54411
	65851
Geyer H G	75859
	83960
Geyer O L R	54191
Gfellner B	50721
Gfellner V	67230
Gfrerer H	27622
	35624
	37484
	46380
	46381
	55205
	55461
	55462
	55833
	63379
	69661
	69662
Ghabn A E A E	43438
Ghani A R	37309
Ghani Q	3333
	30939
Gharieni M	37185
Ghatge N D	90154
Ghayur A	91116
Ghedina C	59463
	59464
	59465
	62776
	63710
Ghelelovitch S	77922
Ghent Veeartsenijschool Comite voor Steriliteitsbestrijding	4306
Gheorghianov V	11793
Ghering M V	39063
Ghesquière J	43717
	52706
	52707
Ghidini G M	34971
	68543
	68650
	77162
Ghidini L	2170
Ghiggolle O A	26081
	70113
Ghilain J	95715
Ghilardi B	76289
Ghillini C A	11651
	11794
	18318
	35374
	64434
	89499
	89594
Ghio L	43106
Ghisleni P	75860
	87765
Ghisleni P L	3045
	12198
	12570
	47943
	56823
	91406
Gholson J H	86988
Gholston L E	46572
Ghose A K	56688
	80584
	89827
Ghosh D	83700
Ghosh J	45617
Ghosh J J	9008
	12320
	18397
	79579
Ghosh P C	2538
Ghosh T	39064
	81230
Ghostley F	23732
Ghulati K R	15423
Ghuri Sabbaj T	13132
Giaccone E	71331
Giacobbe A	14054
	72926
Giacometti D C	72839
Giacomi A	18585
Giacomini A	5444
	59412
Giacomini V	86
	200
	201
	633
	634
Giacomo A di	18226
Giacomo G	16089
Giandotti M	74727
Gianfagna A J	47944
Giang P A	24445
Giannelli S	72092
Gianni E	87579
Giannini Foundation of Agricultural Economics Library	8806
	18547
	25537
	27073
	27236
	45473
	62654
	63385
	79387
	87321
	87387
	87419
	87462
	87485
	88350
	95019
	95096
Giannotti D	58422
Giannotti O	85078
	24810
	43655
	85354
	85355
Giard	80611
Giardini A	91024
Giarolo F	78414
Giarrizzo F	71672
Giavarini I	77567
Giavarrini I	84814
Giban J	16169
Gibb J	19104
	37496
Gibb J A C	61450
	78483
Gibb W H Jr	14028
	21805
Gibbens R T Jr	13534
	13569
Gibberd A V	38810
Gibbon E R	83611
Gibbons F R	2639
Gibbons N E	18556
	18557
	56906
Gibbons W J	4378
	32717
	51202
	59651
	67352
Gibbs A	48972
Gibbs A J	43656
	60769
Gibbs C K	67156
Gibbs C Y	16409
Gibbs H M	88754
Gibbs J A	50309
Gibbs L C	1568
	30431
Gibbs M	20445
	81758
Giberti H	7210
	9375
	26789
	76042
Gibler J W	11667
	60554
Gibson A	48277
Gibson A G C	73979
Gibson C L	24811
	85737
Gibson D L	17992
	62179
	70250
Gibson D R	906
	907
	57273
	77353
Gibson G G	66511
Gibson J	8364
	18029
Gibson J L	30236
Gibson J M	8110
Gibson J W	17397
	29706
	46186
Gibson M E Jr	30814
Gibson M R	64884
Gibson R H	17751
Gibson T	78987
Gibson T E	5667
	24287
	51830
Gibson W J	29886
Gibson W L Jr	10483
	27625
	80025
Gibson W N	14376
Gibsone B	63711
Gibsone H K	61674
Gick R	39994
Gicklhorn J	11166
Giddens J	30940
Giddings J L Jr	11375
Gidley H K	8055
Giebner B M	64280
Giędosz B	28222
Gieger M	39048
	79937
Gielfrich H	18962
Gielfrich M L	1034
Gienger G W	7099
Gier H T	92754
Gier L J	38346
Giermak E A	86989
Giershausen E	87317
Giertz H W	3677
	8417
	22638
	32080
	50532
Gies R W	43580
Giese C H	32445
Giese E	3564
Giese F	95939
Giese G	75861
Giese H	75714
	78573
	88218
	94413
Giese W	69265
Giesecke F	21523
	32236
	40656
	40657
	74494
Giesecke W	73538
Gieseker L F	69615
Gieseking E	3480
Gieseking J E	40471
Gieser F	54102
Giessen C van der	80326
Gietelink A F H	3599
Giezendanner L	93199
Gifford C	50840
Gifford C W	4062
	24288
Gifford P F	95070
Gigante R	415
	556
	856
	39065
	72840
	73151
	89711
Giger G	63050
Giglioli G	34403
	68794
Giglioli L	48579
Giguère C	8111
Gil G P	16196
Gil Collado J	43300
Gil de Rubio V M	27190
Gil Fortún F	5579
	51203
Gil León J L	51617
Gil Montero J	30659
Gil Roesset J	54096
	54103
Gilardi A J	40575
Gilbert A J	9009
Gilbert A M	86591
Gilbert C	30535
Gilbert E J	48703
	48783
Gilbert F A	12321
	13935
	20300
	21249
	21691
	39879
	40455
	58558
	73860
Gilbert G	122
Gilbert G A	70526
Gilbert J M	41157
Gilbert L A	30237
Gilbert N	48702
	75693
Gilbert O	43657
	60770
	68605
Gilbert R O	68739
Gilbert R W	35883
Gilbert S G	9421
	12322
Gilbert S J	55206
Gilbert W	75390
Gilbert W R	3589
Gilbertson H W	27953
Gilbertson & Page	80717
Gilbreath J C Jr	60012
Gilch	24138
	60339
Gilch W	45518
Gilchrist J A	19168
Gildemeister E	92579
Gilden R O	17450
	31100
	35064
	40794
	66514

	Item
Gildersleeve N	35375
Gildow E M	24087
	92994
	93116
Gile B M	55021
Gilead H	19915
Gileadi B	92171
Giles A R	34390
Giles G W	7100
Giles H	19410
Giles J E	47678
Giles L	13241
Giles N H Jr	20301
	20386
	73050
Giles R A	117
Giles R W	40658
Giles W L	36869
Gilfillan F A	10679
Gilfillan R S	88631
	88755
	95716
Gilgut C J	47386
Gilîarov M S	2612
	16197
	52028
	85632
	93354
Gilkeson A L	1746
Gilkey H	56018
Gilkey H M	19817
	64298
	74354
Gill D L	29039
Gill J	76174
Gill J B	1356
	95857
Gill L	67552
Gill L S	81232
Gill R F Jr	71142
Gill T	27871
Gill W	49531
Gill W M	76385
Gill W R	58171
Gillain J	517
	84066
Gillam M	11046
Gillan F	36628
Gillard A	39131
	43301
Gillard F C	27663
Gillard S O	21250
	21859
	40184
	74159
	78415
Gillardin J	26912
Gillaspy J E	24991
Gille A	5[illegible]
Gilleaudeau G	90784
Gillebaud W H	14599
Gillebo K	79137
Gillem P H	59102
Gillen E	58767
Gillern C	31250
	74578
Gilles F	50473
	67103
	75496
	92025
Gilles K A	87138
Gillespie D	67481
Gillespie E H	17972
Gillespie H B	28173
Gillespie J	91873
Gillespie J H	11594
	42357
Gillespie J M	48159
Gillespie N	90516
Gillespie R J Jr	61625
Gillespie R T	80559
Gillespy T G	94605
Gillet A	83664
Gillett C A	14700
	22418
	50113
Gillett D	40329
Gillett J D	6590
	24895
	61008
Gillett M O	22702
	50596
Gillett T R	63104
Gillham G W	48704
Gilli A	28680
Gilliard R	62688
Gillier P	58330
	74916
Gillies F D	46921
	54772
Gillies M T	43910
Gilliland C B	9422
	45819
Gilliland H B	57690
Gillin J L	71766
Gillin J R	23733
	24011
Gilling T	25205
	25206
	37540
	43975
	78449
Gillis M B	5236
	23920
	50722
	60077
Gillman H K	9344
Gillner V	89769
Gillogly L R	52430
Gillon M	75974
Gillpatrick W E	21692
Gills E W	46798
Gillum A J	857
Gillum F	35097
Gillum O C	15983
Gilly C L	38438
Gilman A R	42466
	51483
	59938
Gilman C E	82355
Gilman E	42527
Gilman H L	79091
Gilman J C	56336
	64299
Gilman W	14029
	17457
	21993
	23057
	25348
	26123
	40330
	48973
	50056
	58380
	61351
	61496
	68939
	69387
	87931
	94481
Gilmer G	65592
Gilmer R M	38801
Gilmont P L	32071
Gilmore J L	87073
Gilmore L O	32519
	76334
	84334
Gilmore T B	8168
Gilmore T E	52886
Gilmour D	6602
Gilmour D G	42657
Gilmour J D	31410
	83198
Gilmour J S L	26
Gilpatrick J D	72841
	89739
Gilpin G L	27002
	54363
	79850
Gilroy A B	61009
	80656
Gilroy P E	78820
Gils G E van	95437
	95438
Gils J H J van	15424
Gilstrap F E	15884
	27624
	33389
	51689
Gilstrap M	19331
Giltner L T	93386
Gimenez Valiente I	69460
	78662
Gimeno J M	88344
Gimeno Valentín J M	46799
Gimingham C H	12091
	47706
Gimu	58261
	58262
Ginailo F	71327
Ginieis C	47753
Gink C S T van	93064
Ginkel L van	87608
Gin'ko G	61352
Ginns R	39995
	65593
Ginsburg J M	43581
	77295
Ginsburg L	54347
	62554
	87467
Ginsburg S W	63929
Ginzburg A G	4063
Giobel G	48435
Gioia A	5300
Giolitti G	33099
Gion M	59845
Giordani G	60671
Giordani Soika A	16691
Giordano	3630
Giordano A	40795
Giordano B	40331
Giordano C	47945
	47946
Giordano G	3299
	31995
	41645
	60671
	91556
	92086
Giordano H J	64986
Giordano M	53176
Giorgadze N P	74160
Giorgi D	6891
Giorgini G	1742
	12624
	39337
Giornata del Pioppo	31521
Gioud A	67030
Giovagnoni G	32335
Giovambattista H	18585
Giovannelli N L	62199
Giovannozzi M	71169
	73286
	79983
	81570
Gipple O B	41047
	85840
Giraldo C	57935
Giraldo H C	73539
Girard H	5810
	40445
	41813
	41814
	41815
	58140
Girardi R J	30077
Girardot N F	53638
	86552
Giraud A	31554
Giraud H	65594
	76043
Giraudi	70388
Girdler T M	46066
Girenko V N	26477
Girgidov D ÎA	31627
	58790
Girginkoc H R	19996
Giri K V	9423
	18629
Giridlian J N	73980
Giro Puig J	36110
Girona Trius P J	28070
Giroud P	25127
	67276
	83859
Girouy G	24162
	32718
Girton R E	12323
Gisbertz W	27757
Giscard R	27758
	1357
	20657
Gish C L	36783
Gish N R	5526
	81979
Gish P T	13617
Gisiger L	11324
	12752
	19602
	19603
Gisin H	2601
	25128
	61296
	69031
	78258
	86077
Gisin I	44904
	94715
Gisinger E	11121
Gislason C	55463
Gislason J	7381
	17516
	94477
Gislason S	35329
Gismondi P M	80003
Gisquet G	48641
	48642
	73697
Gisquet P	23155
Gisske W	42275
	62200
	70156
Gistl R	8670
Gisvold O	56975
Gitis T L	15479
Giubbilei C	33002
	59983
	76644
Giuffria R	26337
	35978
Giugliani Filho J	95858
Giulianelli E	77709
Giuliani	10484
Giuliani R	4602
	23109
	32834
	41966
	41967
	43006
	62298
	66216
	84178
	92535
Giulimondi G	43269
	77313
Giunier P	74977
Giusti U	18954
Given D R	92909
Given J H	37764
Given K	80916
Giveon H	94239
Gizycki F von	1042
Gjaerevoll O	636
Gjaerum H B	313
	11643
	16189
	38802
	47504
Gjelstad B	33767
	51904
	92426
Gjelsvik E	37632
Gjerde A	42986
Gjerstad F W	35066
	44254
	69388
Gjødesen H	26835
Gjullin C M	68795
	85799
Gjurašin B	92536
Glabau C A	9010
	18398
	62689
	70316
	95167
Glackens I	30022
Gladenko I N	6044
Gladilovich B R	74473
	91225
Gladkiĭ M F	29707
Gladkiĭ P P	89974
Gladkov A V	69266
Gladkov G	63496
Gladkova A N	38349
Gladyshevskiĭ M K	31696
Glaerum O	7302
Glagolev L	35067
Glamann K	9698

Glance G 78265
Glantschnig S 84067
Glanzmann O 77215
Glarbo P 66691
Glas A 49347
Glas T 49347
Glasau F 90511
90512
Glaschke B 82499
Glascock R F 15409
76999
Glascow R B 39433
Gläser 91936
Gläser H 3415
22485
31876
50461
91697
91954
Glaser J 96125
Glasgow J P 6521
Glasgow R B 46286
Gläsner H 91937
Glasow W 43976
52951
55103
61421
80093
81796
Glass B 93853
Glass E H 43787
Glass J B 14827
Glasscock R S 32625
67738
84179
Glasser 24289
70853
Glasser C E 62201
62202
62203
70214
Glasser K 5808
Glasser R F 33887
Glathe 82719
Glathe H 45095
Glattfelder C F 3221
83389
Glättli H R 15167
16094
84558
84745
Glauco R 86055
Glavin J J 73676
Glavind J 70877
Glazebrook J H 21251
57691
64338
Glazener E W 23734
23760
76782
Glazko A J 59842
Glazun A 88345
Gleason B L 90628
Gleason H A 47205
47206
Gleason R N 70714
Gleaves T 87318
Glebina E I 52005
Glebov M A 93402
Gledhill A W 93252
Gledhill J S 65852
Gleditsch L A 84404
Gleeson D F 30238
Gleisberg H 6892
Gleisberg J 1569
Gleichauf R 33390
42849
51527
Gleichauf R 60013
60014
60015
76690
76691
92910
92911
Gleissner R 43366
Glemann A 85046
Glemmestad E 95666
Glemser W 6442
Glen-Bott J I 257
Glen-Leary H 32520
Glendening B L 84186
Glendening G E 30536
89770
Glendenning G M 42433
Glendenning R 6784
60920
93317
Glendinning A H 39475
Glenn C 63504
Glenn C H 31098
Glenn E M 1865
Glenn H E 35118
35119
Glenney W C 4880
Glennon E 54039
Glennon W E 36364
Glenny G 73981
Glerum J A 62599
79504
87476
Glerum J C 7101
17226
25287
34843
69227
Glesinger E 3222
31340
91557
Glick C 51769
Glickson D 20890
Gliemeroth G 49459
57078
81571
Glimcher J 56824
Glinšanyi N P 20208
Glišić M 81379
Glista W A 23827
23875
33195
33196
76761
Glœersen F 50166
Glogau A 13242
Gloor H 60908
60925
Gloor U 54694
Gloor W T Jr 62958
Gloss R 43062
77106
Glotov I 46652
63712
88478
Glover G F 14937
Glover Sir H 3046
3047
63380
66612
74845
Glover J 20446
47947
Glover J H 46187
Glover J S 33291
33282
33283
Glover L C 77244
Glover P E 858
Glover R A de K 19530
Glover R E 51213
Głowacki J 43179
93758
Gloy 95973
Gluck B L 52708
Glück H 33529
Glück K 14701
31826
Gluck-Frohnleiten 32012
Glukhen'kiĭ I A 31797
Glukhikh K A 785
Glukhov A I 25157
Glukhov F A 24519
Glukhov G 36646
Glukhov I G 30140
Glukhovskiĭ I E 45993
Glukhovtsev G D 5809
Glumov G A 64621
Glünder H G 7878
17828
Glushchenko I E 38900
Glushkin M K 35153
Glushkov A P 54564
Glushkov N M 34000
Glushnev M P 84019
Glufskii I I 75315
Glymph L M Jr 66613
Glynn L L 4771
Glynn M V 45171
Glynne M D 318
Glynne Jones G D 60675
Gmelin 15079
22804
22805
22806
24253
32237
41658
41710
46478
50992
62019
70161
76442
80177
81980
90338
94716
Gmelin W 8365
15949
71832
88479
Gmur V 82258
82259
Gnädinger F 32719
Gnagy M J 69551
Gnagy R M 64704
Gnedenkov A I 41463
Gnes M 59846
Gnofânik V 44087
Go K 29978
Goad B 88838
Goater B 52759
Gobbato C 20549
31628
Gobbi F J 42753
51528
Gobble J L 16070
Göbel 24290
67908
Göbel F 4881
5046
68332
77108
Gobel H 60276
60277
Gobelev D P 58263
Goberman L A 7211
Gober N M Jr 29651
39416
Gobert 63391
Gobert J E 61188
Gobetto A 33721
Gobiet M 75111
Gobis L 39231
Goble J W 45848
Gobreau D 87477
Gochenour R B 33722
Gochenour W S 51962
60461
Gochenour W S Jr 60461
Gochnauer T A 6142
24520
Göcke C 43302
Godan D 6443
Godard 43439
52431
77216
77710
Godar E M 79432
Godard 37079
Godard D 82760
Godart 55012
Godbersen G 53544
Godbey E G 5792
Godbey M H 14277
Godbille M 41816
Godbole N N 69984
70925
Godbout M L 94780
Goddard D R 12536
29443
47994
Goddard J H 30239
48974
Goddard R 6143
60672
Goddard V R 86546
Goddard W H 85657
Godden W 41711
Godding R 55522
63618
Goded Mur A 62063
Godefroy B 44185
Godel' A 26152
Godenschweger W 46653
Godfrey D 37586
37587
66706
Godfrey D D H 14176
Godfrey E F 23921
33391
76804
76873
Godfrey G F 23722
23757
23922
33125
33258
60003
60016
76692
76703
95859
Godfrey G H 72674
81195
89557
Godfrey J A 94538
Godfrey P R 20769
Godfrey R K 72362
80915
Godfrey W 10064
Godgluck G 59991
75862
84310
Godianich G 73153
Godkin W J 8851
Godlee A C 85045
Godlevskiĭ N 37194
Godley E J 19818
Godman R M 75173
22330
31483
Godnev E D 31629
75316
91778
Godnev T N 56825
Godoy E F 64435
Godoy J C 59413
Godoy S 60139
Godske C L 20302
73152
80812
Godunova K N 39589
Godwin G 59055
Godwin H 27
2638
47207
Godwin J B 65595
Godwin M R 95086
Goebel J C 51399
Goebel N B 83675
Goedecke O Firm 79266
Goeden M 63972
Goedheer J C 56778
Goedkoop W 80004
Goemans G 63713
Goen O F 5857
92688
Goergen V 25886
78945
Goeritz W 6144
60673
Goerlitz H 74208
Goersch H 69098
Goerttler V 9301
51963
76290
Goertz G 93253
79857
Goertzen B L 23707
33093
42511
Goes E da S R 34579

	Item
Goes Netherlands Rijkstuinbouwconsulentschap voor Zeeland en West Noord Brabant	74728
Goetghel uer M	16092
	77844
Goethals P	16090
Goethe C M	48975
Goetheer J G	32336
Goetsch W	16143
Goett E J	3936
	80663
Goette M B	24869
Goetz	31522
Goetz J	81420
Goetz K	9918
	33669
	53229
	55104
	69267
	69443
	75764
	79204
	86288
Goetze G	16362
	16363
	16364
	16365
	16366
	16367
	16368
	30660
	34001
	34002
Goetze M	16364
	30660
Goetze R	16369
Goff B B	52773
Goff O E	5306
	27003
	33315
	45849
	54769
Goffart H	12047
	29040
	38839
	47628
	56623
	64583
	81356
	89741
	89742
Goffe E R	33803
	43512
	93854
Goni E A	23875
	76760
	76761
Goffin J L C	77615
Goforth F N	13936
Gogelsang E G	84716
Goggans J F	3300
	3445
	11855
Gogiia V T	20447
	25807
Gogin A F	57538
Gogolev G M	76443
Gogolev I N	58172
Gogunskii G G	69185
Gohde	92579
Goheen A C	20085
	47505
Gohier C	65235
Göhler M	26677
Gohlke H	53105
Gohlke T	83508
Göhner	24324
Göhring R H	10573
Gohritz R	62084
Gohrum K	81797
Goidanich A	94024
Goidanich G	416
	417
	418
	419
	2187
	19916
	47506
	56507
	57015
	64558
	72968
Goiko V A	12324
Goile H	65962
Goin C J	19604
Gokhale V P	72675
	81112
Göksel N	72676
	81084
Goksøyr J	12325
	81572
Gol Piera C	57079
Gola G	37157
	49880
Golbach R	34704
Golberg G G	48216
Golby H S	53942
Gold A H	23137
Gold T S	51103
Gold Coast (Colony) Agricultural Produce Marketing Board	26941
Gold Coast Dept of Agriculture	11167
Gold Coast Dept of Animal Health	83860
Gold Coast Dept of Co-operation	28071
Gold Coast Forestry Dept	66805
Goldacre P L	12522
Goldberg A	5679
	42947
	53709
Goldberg E D	72453
Goldberg J B	35979
	35980
	45172
	54104
	62374
	70389
	70390
	79267
	94948
Goldberg J W	61753
Goldberg R C	42358
	51387
Gol'dberg S G	83754
Goldblatt L A	75658
	92126
Goldblith S A	35376
	39096
	53559
	53560
	69710
	78836
	94597
Goldbloom M J	80158
Golden S M	70317
Golden W M	76874
Goldenstein H B	87580
Goldhaft A D	68052
	68110
Gol'din I G	31630
Gol'din M I	28998
Golding N S	17973
	25986
	79138
Goldkuhl A	46188
Goldman C	15585
	41800
Goldman H	45173
Goldman L	61010
	68373
Goldman M L	95336
Goldovskiĭ A M	12523
Goldsborough G H	8701
	36190
	36191
Goldsby A I	33260
	76291
	76799
Goldschmidt E	96090
Goldschmidt R B	55965
	60921
	68740
	73051
Goldschmidt W B	14007
Goldsmit L	4628
Goldsmith E	24806
Goldsmith M	47106
	63973
	64077
	81332
Goldstein E	86592
Goldstein L	6522
Goldstein N L	58651
Goldston G	21693
Goldthwait C F	18084
	26341
	87201
Goldy D L	67019
Goleblowska Z	43180
Golem S B	4064
Goley R T	44860
	46800
Golhaft A	92995
Golĭakov N M	21524
Golĭarkin F E	33781
	73513
Golĭarkin F IA	32238
Golikov V G	87202
Golikova A A	83781
	87139
Golifsyn IA S	28300
	38205
	47046
	80759
Golland M I	25477
Gollbeck	430
Gollerbakh M M	56305
	56306
	81065
Golomedova T I	73154
Golovach A G	30240
Golovachev D L	90629
Golovanov A N	90339
Golovanov F	35034
Golovin G	63497
Golovintsev M	35120
Golovkin N	36647
Golovkin N	62865
Golovkin P	44186
Golovko M P	48436
Golovnev F D	41337
Golovnia I	24521
Golovnia I T	43303
Golseth R G	36705
Golseth R S	61743
Golton P	35330
Golton P L	58422
Gol'tsmaier O P	93759
Göltz G	8228
	18682
	71025
Golz H	34376
Golub G	36365
Golub W	7753
Golubash IU	46382
Golubev G	7212
	25433
Golubev I E	42658
Golubev V D	31085
Golubeva L A	38285
Golubinskii S S	56826
Golush B M	40542
Gol'verk A	61528
Golzé A R	66515
Golzio S	55207
Gombault R	56212
	89322
Gomel'skiĭ A	71577
Gomes A	37310
Gomes A M de A	32133
	67196
Gomes F P	2756
	30941
	30968
	91298
Gomes P	2448
	8056
	10433
	14030
	29498
	31058
	31101
	31484
	34844
	58694
	66760
	70926
	80159
	82612
	92689
	95717
Gomes W V	15293
Gomes e Sousa A F	83199
Gomes Junior J C	28533
Gómez A	18085
	80805
Gomez A M	19690
Gomez A V	51507
	67909
Gómez J de J	19011
Gomez L	11139
Gomez M E	42659
Gomez O	5707
Gómez R	53639
Gómez R M L	19011
Gomez S F	20658
Gomez V L	66516
	82978
Gomez Ayan E	31411
	55208
Gomez Ayau E	49881
	88604
Gómez de la Serna R	9011
Gomez-Duran E	66116
Gómez Gonzáles F	31412
Gómez Herrera C	9393
	18311
	45758
	45759
	62919
	79780
	87828
	87829
	95105
Gomez Lapeyre M	85047
Gómez Menor J	93962
Gomez-Montoya D	21745
Gómez Quiroga F	19156
	95860
Gómez Ramírez C A	88605
Gomlen Cáceres R	4308
	17337
	84068
	93134
Gommlich H J	62911
Gonan G	82979
Gonashvili Sh	53943
Gonçalves L I	88756
Gonçalves P A	18942
	26678
	27375
	45519
	46136
	70715
	71543
	95974
Gonçalves R C	41579
Gonçalves R D	60761
	64436
Gonchar I	61422
Goncharenko V	25434
Goncharik M N	38909
Goncharova Z N	91814
Gondelles A R	3048
	83259
Gondinet H	83200
Gondo M	89712
Gondouin H	17978
Gondran J	35496
	44413
Gondry J	7754
Gonella G	67622
Gonggrijp J	82555
	91025
Goni M R	20550
	26679
Gonik A A	22486
	41310
Gonnet P	3129
	18467
	18474
	34003
Gonski J W	54105
Gontan	63240
Gontar' D	55105
Gontarski H	6145
	6146
	16370
	16371
	52237
	77616
	85496
González B P	46654
	55652

	Item
Gonzalez F	86344
Gonzalez F M	76805
Gonzalez J O	51204
González M	53501
González M M	87836
Gonzalez O	44294
González P	1436
González Alonso E F	79938
Gonzalez Alvarez D R	15651
Gonzalez Alvarez R	3824
	42660
	59652
Gonzalez Arroyo S	7267
	25480
	44255
	78385
González Cantisano A B	53944
Gonzalez Chapel A	93200
González de Canales R F	67446
González de la Peña A	75141
Gonzalez Diaz E	65853
González Flores L F	44684
Gonzalez Galindo A	9809
	80032
Gonzalez Gallardo A	81147
Gonzalez Garcia F	49437
González García P	37659
	88632
Gonzalez Guerrero P	89426
Gonzalez Laguinge E M	21438
	30661
González M M	83223
González Maíz J C	18770
Gonzalez Marin F	86043
González Melo J	80612
Gonzales Mendoza R	16999
	68882
	89743
González-Moreno y Balda M	46523
	83335
González Pelàssó F	87850
Gonzalez Puccini A	53430
Gonzalez Rios P	89713
González-Rivera R	79939
González Rodriguez J	69158
González Ruiz L	72043
	87865
Gonzalez S G	50379
González-Sicilia E	8671
González Silva E J	5148
	5237
	15885
	24012
	33392
	68053
	76743
	84763
	84764
González Sol R	85475
González Vale M A	64120
	66806
	67104
Gonzalez Velasco J	65264
González Vidal C	46097
Gonzales Vidart A	1359
	12753
Gonzalez y Gonzalez G	4065
Gooch D W	19218
Gooch E G	38267
Gooch J W	19332
	42055
	57225
Gooch R M	83541
Good B H	33004
Good D	92427
Good G H	41923
Good H M	47948
Good J M Jr	89828
Good R	89307
Good Packaging	86610
Goodacre W A	6147
	24522
	34004
	60674
Goodale Sir E	54106
Goodale E W	8471
Goodall A M	76292
Goodall C S	32891
Goodall D W	56652
	64593
Goodall G	90587
Goodall G E	10376
	46461
	95844
Goodall V C	73540
Goode C W	84958
Goode E R Jr	4652
	23276
Goode J R	23210
Goode L	59568
Goodell B C	66994
Goodell C J	92537
Goodell R A	68005
Gooden E L	77695
Gooderham C B	6148
Goodey J B	607
	608
	72892
	89744
Goodey T	609
	47679
Goodfellow A W	22649
Goodhart R S	55883
	72093
Goodhue J	21493
	40937
	50723
	51484
	65107
	76444
	83755
	94315
Goodhue L D	52852
Goodin R E	8682
Gooding C M	62931
Gooding E G B	64823
	89200
	89975
	89976
Gooding P H	33393
	76875
	78386
Gooding S	6149
	6150
	16372
	23373
	24523
	24524
	68550
Goodman A M	44256
	78590
	78591
Goodman D	85734
Goodman F L	8229
	17974
	35817
Goodman F L	53945
	62204
	62205
Goodman G J	28534
Goodman J G	41968
	80336
Goodman J J	87581
Goodman J K	92806
Goodman K V	49503
Goodman L J	49966
Goodman L W	4882
Goodman R	96252
Goodnight C J	93705
Goodnight M L	93709
Goodrich B F	96171
Goodrich H	8702
	28174
	62520
Goodrich H E	8787
Goodrich W W	35295
	86593
Goodrum P	41273
Goodsell W D	37588
Goodson A L	43788
	52778
Goodspeed A W	14989
	41610
Goodwillie D B	26168
	70215
	70216
Goodwin D C	71266
Goodwin M M	23211
	35064
	51190
Goodwin R H	12524
Goodwin S	34005
Goodwin T W	4603
	20446
	20448
	39232
	56968
	64886
	73324
	73325
	81759
Goodwin W J	52360
	52531
Goodwin W P	11039
Goodwin-Bailey K F	68651
Goodyear Tire & Rubber Co	71079
Goonewardene E T	74355
Goor A	13004
	19012
	79341
Goor C P van	13937
	40497
	66926
	66927
Goor G A W van de	57122
Goor S	91293
	4066
	4067
	4309
	23307
	42467
	84663
Goor W T van	93914
Goosen R J	20978
	57500
Goossen	7177
	38573
	44154
	53145
	59298
Goossen H	55966
	78522
	85633
	93403
Goossens J	28879
Goossens L	62375
	70391
Goossens N	91518
Goot H	5619
	85048
Goot P van der	19917
Goot R W van der	65596
Gooyer H H de	11355
Gooyert F	2188
Gopal-Ayengar A R	60899
Gopala Aiyar K V	58253
Gopalan K	9424
	37589
	70500
Gopalkrishna N	19997
Gopalkrishnan K S	19998
	72677
Gopani D D	57157
Göpp	29559
	57042
	64955
Göpp K	9012
	9013
	18399
	62690
	87582
	87583
Goranson R S	53545
Gorbach G	26942
	54717
	77391
	79792
Gorbach V	65448
Gorbachev A	7213
Gorbachev V M	28
	33197
Gorbachev V V	23346
Gorbacheva A P	23923
Gorbachevskiĭ V A	91938
Gorban' D V	27120
Gorban' N I	24291
Gorbanev A A	78864
Gorbatov P P	7102
Gorbatov V	26878
	70787
Gorbman A	51205
Gorbunov K V	13798
Gorbunov M P	7103
Gorbunov N I	2539
Gorbunov V	25207
Gorbunova N P	56827
Gorbunova S	91026
Gorchakovskiĭ P L	38404
	81981
Gordeeva T K	94889
Gordeuk A	17458
	24013
	42754
	54773
	54774
	54775
Gordeuk S	42755
Gordeuk S Jr	5297
	23940
	42661
Gordienko M	21494
	36606
	82835
Gordillo Bausch P	48611
Gordon A	41484
Gordon A S	17277
Gordon C H	37590
	76235
Gordon C W	87932
Gordon D M	88147
Gordon D T	75270
Gordon D V	74269
Gordon G E	4473
	17829
	27625
	32239
	35625
	50993
	70059
	84069
Gordon H M	85109
Gordon H T	60630
	70527
Gordon I	68610
Gordon J E	27954
	27955
	27956
Gordon J G	60340
Gordon L A	33077
Gordon L E	76806
Gordon L V	41577
Gordon M	36850
	36851
	92428
Gordon M A	15168
Gordon P E	78617
Gordon R	5193
Gordon R F	33284
	42662
	42663
	68054
	76807
	84843
	84869
	84870
Gordon R M	68487
Gordon S	66848
Gordon V W	46655
Gordon W A	70217
Gordon W A M	51964
	51965
	68068
Gordon W G	69985
Gordon W L	56508
Gordon W O	54744
Gordon W S	76989
Gordy A S	88757
Gordy J F	68111
Gore M	63482
Goree C F	87933
Gorelov K	33078
Gorelov K I	23681
	67934
Goren I	20891
	82184
Gorenflot R	72969
	89308
Gorenkov V	27626
Goresline H E	36784
	62982
	62983
	79852
	95387
Goret P	5094
	5810
	23381
	32425
	42359
	51388
Goreva L	88941
Goreva E M	23924
Görg F	58728
Gorga R M	10065
	95232
Gorgas Memorial Laboratory	43582
Gorham E	64594
Gorham J R	16091
Gori C	689
Gori G	69468
Gorfinova Z S	32720
Gorin T	82147
Gorin T I	29924

Gorin V 61571
Gorina Z V 29924
Goring C A I 40498
82697
Gorini 27254
Gorio G 67482
Goriou H 9810
37104
Goris A 64812
Gorišek I 59956
Göritz H 41158
Gorfunov N 24014
60212
Gorfunov V 63845
Gorizontova E 36833
Gorlenko M V 38780
47387
47610
89114
Gorlenko S V 47493
Gorlin P 30537
Gorman J E 45096
Gorman L W 859
Gorman M J 90340
Gornaia V IA 21520
58129
Görnhardt L 35377
Gornik R 54925
79984
90494
90495
90496
90497
Görnitz K 28880
Gorny H 23682
59871
Gorobefs A 36648
Gorobefs P 44187
53177
94316
Gorobfsov I 40796
Gorokhov G I 75057
Gorokhov M I 83450
Gorokhov P V 22552
Gorostidi e Ymaz A 68551
Gorozhankin V 25435
53178
61529
Gorrie C J R 4604
5668
84871
Gorrie R 5086
15692
Gorrie R M 14177
14178
14519
40871
66614
74522
83071
88683
Görs S 38852
Gorshenin N M 58742
Gorshin S N 41391
41412
Gorshkov A 43035
Gorshkov D S 67044
Gorshkov I S 30078
Gorshkov M 25324
Gorshkov Z I 74161
Gorshkova A A 49310
Gorskii A M 57226
Gorsler 87478
Gorsler A 70630
Gorsuch D 50994
Gortani M 14377
Gorter A 46987
Gorter A J 16990
78109
Gorter C J 81458
Gorter G J M A 38803
Gortner W A 29266
Gorton B S 29238
Gorton G R 72842
Gorvett H 43387
68606
Gory G 80155
Gorz H J 32347
Gosch M 91558
Gosi L 29560
Gosinski J N 7376
Goslar B 20659
Goslee H C 53770
86289
Gösling J 15466
Goss L W 42391
Goss O M 38753
47581
Goss R J 94187
Goss W H 9425
79793
Gosselin A 10278
Gosselin de Beaumont L A 20187
Gossenberger A 18468
34006
34007
77392
Gossner E 46801
Gosswald K 6712
17156
43718
78019
78020
Goston D 68816
Goston J 38135
Goswami P C 63105
Goswami T K 38734
Got N 1807
17752
Gotelli R J 78450
Gothan W 47167
Gothe H 31604
75142
91779
91815
Gotlands Läns Hushållnings-sällskap 96172
Gotlib E E 84602
Gotô H 29001
Goto H E 86080
Goto S 60554
80903
Goto T 42878
Gottbehut A H 4953
Göttel L 73819
Göttlich K 38853
Gottlieb D 40499
74483
81127
Gottschalk F 65179
Gottschalk W 12135
12136
47754
Gottschau A 22040
Göttsche H 9862
18903
88219
Gottscho A M 36985
Gottshall N S 9529
42756
Gottsmann J 19219
Gottstein J W 31948
Götz 52432
72289
Götz B 16991
60771
Götz W 93963
Götze R 43977
3825
4068
4156
4310
5047
22779
59466
Götze R 67623
83701
84311
92429
92609
Götze W 26514
Götzsche N O 15425
Gøtzsche O 15718
15719
15779
15780
Gouaux C B 27121
90471
Gouck H K 34580
Goudswaard N B 10066
Gouget C W 6151
7315
Gouget P 74978
75317
Gough B L 46153
Gough H C 43440
68940
Gough H W 63943
Gouin F 21439
Gould C J 13243
49092
57936
65597
65772
77674
Gould C S 21367
30495
Gould E 16277
51424
64339
Gould E M Jr 50149
Gould F W 124
Gould G E 5935
16144
16198
93760
Gould G N 42146
Gould H G 37487
Gould H P 12326
Gould I A 8112
8230
69986
87068
94717
94843
Gould J 10586
Gould J E 26363
Gould M 7755
18400
63106
87701
Gould M R 20459
Gould P H 13005
39776
Gould W A 8852
34140
40197
44414
44501
70590
87479
Goulden C H 81475
Goulding C P 3883
45097
Gouldy T 51863
Gounelle H 63889
Gouny P 20303
29268
Gourlay E S 5936
77948
Gourlay P 9345
54668
62866
62867
87793
Gourlay W B 28535
Gourlier J 9653
Gourou P 10543
10544
Goussot C M 88942
Goustard M 86029
Gout H 46383
Gouvea S de 78799
87584
94478
Gouveia P F 84606
84607
Gouverneur F 10680
37813
46802
63468
71522
71523
71833
Goux L 6362
Govaerts J 33927
Govar M A 62299
Goven M 40170
Governing Council of the Cat Fancy 42332
Govi C 70716
Govi G 47507
81233
Govil K L 8472
Govin 78592
Govin L 7303
53247
86649
Govindan P R 81573
Govindarajan V S 70927
Govorov N P 67624
Govorukhin V S 11532
Gow P B 49631
Gowda D R 13718
Gowder M T 34996
90196
91479
94220
94240
Gowdridge B M 81574
Gowe R S 23735
Gowen J W 24625
34327
68577
85735
89084
93652
Gowland R W 63498
Goytia A 78021
Göz H 37660
55523
88758
95975
Gozlan H 9248
Gozmany L A 61189
61190
85956
Graaff (H de) Sons 1955
Graaff J de 1956
Grab E G 10883
Grabe A 16992
16993
78110
78111
85957
94084
Grabe F 87203
Graber L F 20660
57178
73494
Grabko K 24525
Grabmayer A 76930
Grabner G 91914
Grabö P 46189
88280
Grabovskiĭ A V 32982
Grabowsky I H 7879
18542
Graça V de P 15295
92469
Grace J 72619
Grace N H 36723
Gracey J F 68068
Grachev A G 31413
Grachev A P 75058
Grachev F 37753
Grachev I I 5669
22932
22933
Graci A V Jr 36706
36707
Gracia W H 21937
Gracián J 87823
Gracie W M 75359
Gradin H 78484
Gradojević M 16563
Gradov A 1182
20528
27376
Gradwell G R 16693
Gradwohl R B H 72290
Grady H J 93761
Graefe G 62206
Graetz K 86290
Graf A 29849
Graf G C 51104
76175
76176
76293
Graf H 42948
67353
76294
76295
Graf J P 66866
Graf X 10067
Graf Marín A 12625
Grafen F 88759
Graff 82720
Graff A R 26680
Graff H 6152
Graff N G 73677
Graffeuil H 83756
Grafius J E 45524
64987
Grafl I 23093
Grage 14866
Graham A R 43118
Graham A S 69827
Graham C 52087
52779
Graham D 14495
32081
Graham Mrs D G 90785
Graham E F 59769
76296
Graham E H 70717
Graham E O 66223
Graham E R 21525
30942
Graham F 13817
Graham G 33859
Graham G J 57272
Graham H E 58859
Graham J 70632
Graham Mrs J D 1957
Graham J H 11795
28974
28975
Graham J J T 72156
Graham J W 46418
87718
Graham K 85634
93318
Graham M 38634
Graham M W R de V 43719
Graham P 41365
50444
58947
67147
75570

	Item
Graham P H	14772
	31936
	32013
	41366
	41380
	41381
	41443
	41485
	59021
	59046
	67056
	92063
Graham R	23893
Graham R D	31977
	41423
Graham R H	85248
Graham R P	36164
Graham R W	12035
	56585
Graham S	72094
Graham S A	3481
	5946
	60555
	93762
Graham T G	39476
Graham T W	28887
	64584
	64669
	72898
Graham W D	78723
Graham W R Jr	42599
Graham-Cuming G	51389
Graham-McKie G	17776
Grahm P	67197
Grahn B	3884
	74162
Graillot G	39066
Grain and Feed Dealers National Association	9014
	26681
	54463
	70718
	79580
Grain & Feed Journals Consolidated	26682
	87585
Grainger J	58105
	58264
	61503
	72893
Graioni U	69803
	82980
Gralén N	8473
	18086
	26379
	35981
	70392
Gram E	28747
	29267
	81148
Gram K	81575
	125
	3808
	38405
Gram M R	81733
	96138
Gram N	57539
	73820
Gramann	15042
Gramatzki	3885
	32337
Grambast L	47158
Gramlich H J	54851
Gramly D	29708
Gramm M N	38347
Grammelsberger J	9015
	26683
	26684
	36366
	62691
	70720
Gramolin B A	49366
Gramolini M	67231
	69325
	71834
	71835
Gramotenko P M	30079
Gran C A	44992
Gran G	3700
	14999
	32156
	41617
	50618
	59085
	75694
Graña A da	84514
Granado de Pablo I	37814
	71754
Granados H	76674
Granados M M A	84312
Granata G	8231
Grancini P	40185
	49129
	49267
	52638
Grand E F	96173
Grand R	46260
Grandchamp A	77393
Grandclement G	79268
Grandcourt O de	50210
	91641
Grande I	55209
	55210
Grande Covian F	28223
Grandel F	18401
	72095
Grandi M	78266
	78267
	78268
Grandidier P	52952
Grandjean A J	75174
Grandjean E	91559
Grandjean F	6362
	6364
	34176
	43388
	68607
Grandjot W	58711
Grandolini E A C	45785
Grandori L	85312
	85736
	93855
	93856
Grandori R	5937
	85312
	85356
	85357
	85358
	85359
	85635
	85736
	85841
	85958
	85959
	94085
Grandstaff F O	45174
Grandstaff J O	84001
Grandy D C	39477
Granell C	30943
Graner E A	5149
	5150
	5151
	5314
Granerot A	11468
Granfield C O	1360
	81982
Grange C	33198
	42757
Grange L I	83072
Granger C M	37710
	67006
	75059
Granger F Jr	8788
Granger J A	90588
Grangier B	10068
	27237
	39478
	71414
	88346
Granhall I	20842
	39810
	57540
Granicher W O	61930
Granick S	90144
Graniti A	81097
Granlund R	60676
	93583
Granlund T	91816
Granottier A	50037
	58555
Granovsky A A	6908
Granstaff E L	73412
Granström K J	34243
Granström S	75217
Grant A	19169
	32626
Grant A B	15090
Grant A P F	60213
	84959
Grant B	69159
	78387
	86199
Grant C	40500
Grant E C	2862
	39479
	50724
	78306
Grant F M	79040
	79139
	79140
Grant G H	38248
Grant H B	7880
	44861
Grant H J A	83275
Grant J	79558
Grant J N	45217
	79269
Grant P	14828
	32057
Grant R	4069
	5732
	33670
	33768
	51918
	60417
	77140
	85286
Grant R C	46656
Grant R Y	21860
Grant T J	12039
	20086
	64554
Grant W F	12199
Grant W S	61931
	94645
Granum H	67119
Granvik B A	31895
	34955
Granville A	23424
	25987
Granzotto A	70413
Grapengiesser S	96208
Graser H I	2540
	37579
Graser H L	28748
Gräser R	80994
Grashuis	54040
Grashuis J	8366
	24254
	71415
	85201
Grassard J	19490
Grassberger K	50083
Grassé P P	25129
	78269
	94160
Grassi C J	40797
	74729
Grassi P	63937
Grassi R	6931
Grassi C O	94112
Grassland Conference Dairy House Farm	90341
Grassmann	14948
Grassmann W	22681
Grassnickel	77109
Grasso G	92594
Grasso V	47388
	73156
	81234
	89595
	89596
Grath	23425
	92430
Graton A	5238
	5445
	18683
	33394
	42758
	51576
	68006
	76876
	76877
Grattan G A	85145
Gratzl E	15586
	23275
	59312
Grau A F	65108
	82836
Grau C A	25584
	35200
	53389
	53640
Grau C R	15781
	23828
	59191
	60078
	62912
	67277
	67278
Grau F V	1958
	21088
	21089
	21368
	30241
	39996
	39997
	64527
	65108
	82422
	82579
	82836
Grau M	67910
Grau R	18529
	18530
	45649
Gräub E	42147
Graudyn' N I	24116
Graul E J	1306
Graul H	26790
Graumann H	21126
	87140
Graumann H O	20662
Graupner R	86147
Grausgruber W	32338
Graustein J E	28536
Gravatt G F	72583
Grave N P	31697
Gravert H O	76297
Graves A H	38439
Graves H A	1778
Graves P	11040
	46958
Graves R R	53248
Gravestein W H	93964
Grawford J R	85488
Grawitz-Teissler R	45618
	45711
Gray A	27627
	44046
	61626
	62161
	69427
Gray A S	31202
Gray A W	8154
	9919
	44905
	46154
	79092
	84562
Gray C W	77110
Gray E	5315
Gray E A	22934
	42148
Gray E L	19531
Gray F	39609
	40659
Gray F V	92284
Gray G P	83154
Gray H	84513
Gray H E	54464
	60556
Gray H F	34395
Gray H F W	2449
Gray J	74579
	77049
	84727
Gray J L	75318
Gray J M	54263
Gray J R	62777
	80261
	80262
Gray L P	94086
Gray M	30662
	95899
Gray M L	68244
	85274
Gray M T	21090
Gray N H	31646
Gray P	10681
Gray P G	51690
Gray P H H	16145
	16994
	16995
	91205
Gray P P	7756
	25872
Gray R A	34458
	52639
Gray R B	7214
Gray R C	54565
Gray R H	80160
Gray S D	66615
Gray S W	29094
Gray T	92722
Gray T D	39998
	48976
	48977
	48978
	57692
Gray V F	93163
Gray W H	34008
Grayson A N	19411
Grayson A R	4229
	42149
Grayson E	21176
Grayson E C	1959
	74074

	Item
Grayson E S	48979
Graz Statistisches Amt	25750
Grazia S de	2918
	30944
	31102
Graziadel F S	15826
Graziers' Association of New South Wales	23051
Gt Brit Agricultural Land Commission Welsh Agricultural Land Sub-Commission	10069
Gt Brit Agricultural Research Council	38299
	92285
Soil Survey Research Board	13830
Gt Brit Board of Trade	10064
	19060
	27488
	37333
	46290
	53401
	54987
	54989
	54991
	54992
	54998
	55003
	71220
	88147
	88156
	88165
	95594
	95599
	96104
Gt Brit Central Off of Information	10129
	58508
	59000
Reference Div	10070
	19013
	63645
Gt Brit Colonial Development Corporation	71416
Gt Brit Colonial Off	10538
	11727
	52088
	53585
	55211
	61853
	33382
Gt Brit Commonwealth Economic Committee	35982
	71417
Intelligence Br	18087
	26257
	26909
Gt Brit Comptroller for the Development and Welfare in the West Indies	10071
	63382
Gt Brit Customs and Excise Dept Statistical Off	63846
Gt Brit Dept of Scientific and Industrial Research	54952
	61705
	62641
	63187
	72238
	87521
	14505

	Item
Gt Brit Dept of Scientific and Industrial Research	
Forest Products Research Board	31996
	58652
Forest Products Research Laboratory	14806
Pest Infestation Research Board	77217
Gt Brit Embassy Washington D C	54987
Gt Brit Food Investigation Board	7427
	8845
	8853
	9729
	9730
	71186
Gt Brit Forestry Commission	3223
	22093
	22185
	28881
	31485
	31631
	31664
	41098
	41099
	49279
	50247
	50248
	58695
	75060
	77711
	93949
Gt Brit Inland Revenue Dept	19157
Gt Brit Interdepartmental Committee on Meat Inspection	9302
Gt Brit Legation Damascus Commerical Secretariat	69099
Gt Brit Milk Marketing Board	67739
	70060
Production Div	50995
Gt Brit Ministry of Agriculture and Fisheries	1093
	1960
	3366
	6932
	9016
	17506
	19157
	22807
	22808
	23925
	24489
	24526
	27800
	38804
	39811
	41707
	43067
	43876
	46130
	49150
	49151
	49348
	49632
	56509
	57011
	58543
	60214
	65598
	67279
	67625
	68245
	69738
	76878
	78574
	83757

	Item
Gt Brit Ministry of Agriculture and Fisheries	84931
	84958
	84960
	85360
	86990
	90342
	90678
	91027
	91028
	93164
	93571
	93763
	93857
	93858
	94799
	95894
Committee on Licences	92286
Plant Pathology Laboratory	16278
Working Party on Grain Drying and Storage	62692
Working Party on Precautionary Measures against Toxic Chemicals used in Agriculture	19605
Gt Brit Ministry of Food	7538
	17631
	53508
	72096
	80613
Gt Brit Ministry of Health	11041
	94800
Gt Brit Ministry of Materials	35983
Gt Brit National Agricultural Advisory Serv	4474
Gt Brit National Food Survey Committee	72096
Gt Brit Overseas Food Corporation	27471
Great Lakes Steel Corporation Stran-Steel Div	35035
Great Plains Council	27910
Greatorex F J	30023
Greaves C	31978
Greaves H M	51582
	60228
Greaves S	10968
Greaves T	6785
	43731
Grebennikov A	50445
Grebenščikov I	16190
Grebinskaĭa M I	89829
Grebinskiĭ S O	90155
Greca M la	6849
Grechkin V P	30781
	93404
Greco E C	13570
Grede W J	71418
Greeley W B	14330
	50084
	58651
Green	36461
Green A A	76931
	93859
Green A T	61657
Green E M	69899
Green E R R	35984
Green F H W	71764
Green G G	48980
	65599
	90786

	Item
Green G H	70878
Green G J	81246
Green G W	6153
	25024
	36462
	54548
	54549
Green H	39999
	40660
	65291
	72551
Green H C	78335
	78479
Green H H	3886
	41712
	51105
	83758
Green H N	93545
Green H V	24931
Green J	85636
	93764
Green J C	10072
Green J M	29651
	38774
	39416
	61356
Green J O	57227
Green J W	15496
	32805
	68652
Green K R	30538
	74270
Green L E	92287
Green M B	23551
	51446
Green M H	83999
Green M M	24812
	60922
	68741
Green P E Jr	54942
Green R J	40798
Green R J Jr	11652
Green R L	91407
Green R R	66616
Green S	1961
	13819
	57541
	64752
Green V E	91300
Green V E Jr	74580
Green W W	43020
	62852
Greenall A F	66331
Greenbank G R	79007
Greenberg A	5938
	16829
	93710
Greenberg B	34177
Greenberg S M	28164
Greenburg F	41969
Greene C W	19861
Greene H	83073
Greene H C	72478
Greene H W	63499
Greene J E	4882
	50841
	55812
	59313
Greene R E L	46505
	62500
Greene R S	88943
Greene S E	10073
	10682
	19333
Greene T P	68170
Greene V W	62179
Greene-Kelly R	58098
Greeneisen J	25158
Greenfield A D M	15169
Greenfield R	30242
Greenfield R E	36708
Greenham C G	29749
	72843

	Item
Greenhill L P	38254
Greenie C W	67740
Greenland A	71520
Greenland J J	69435
Greenleaf C A	7614
Greenleaf E F	87994
Greenleaf W H	52953
	72894
	73052
Greenlee C O	63304
Greenlee H H	76595
Greenough Mrs H V	3161
	31297
Greenough P R	76298
Greenshields E L	37611
Greenslade R M	16200
Greenwald I	72097
Greenwood A D	38927
	81435
Greenwood A W	5152
	5446
	15886
	51691
	67964
Greenwood D A	9249
	12503
	12561
	12562
	16259
	19585
	59551
	60133
	92239
Greenwood D E	6047
	16996
Greenwood E	6154
Greenwood K C	34581
	61191
Greenwood M L	95044
Greenwood R M	859
Greenwood R S	87204
Greer E N	70705
	80685
	87586
	94498
Greer S D	27911
Greever W S	10279
Gregg M	56602
Gregg M F	62376
Gregg R E	16900
	78022
	85901
Grégoire C	5885
	42150
	67626
	77163
	77845
Gregoire P E	56969
Gregoire R	91369
Gregor E M	95976
Gregor F	43789
Gregor H F	37488
Gregorio Araneta Agricultural Div	30945
Gregory C	55370
Gregory C E	86470
Gregory D	10683
Gregory E B	18088
Gregory F G	29366
	49633
Gregory H C	36870
Gregory K E	33653
Gregory K F	72678
Gregory L E	28506
Gregory H C	92202
Gregory M E	12508
	85202
Gregory N L	54465
Gregory P H	19999
	56337

	Item
Gregory P W	15272
	15408
	15426
	50998
	51013
	76044
Gregory R A	5673
Gregory Mrs R W	35239
Gregory T S	32721
	84313
Gregory W C	12460
Gregson J D	6365
	16492
	77949
	93405
	93711
Greguss P	28537
	29095
Grehn J	73053
Greidanus G	44753
Greiff D	33285
Greig J K Jr	82481
Greig J R	24163
	41817
Greig-Smith P	5665
Greilsammer	55022
Greilsammer R	19014
Greiner-Petter	67553
	84075
Greiss E	57161
Grekhov F A	68202
Grekov I	44088
Grelet L J	258
	28681
Grell P	48278
Grell W	7881
	17929
	26082
Grelle	5761
Grelle J	43033
Gremillon J	77394
Grémio dos Exportadores de Frutos e Produtos Hortícolas do Algarve	63847
Grémio dos Industriais de Óleos Vegetais Mozambique	8623
Gremminger A	16997
	78114
Gremminger W	82150
Gremo A	84181
Grendahl A	41713
Grendahl T	37661
Grenier P	93319
Grenson	92996
Grensted L W	77156
	77950
Grente J	11653
	47508
	81285
Grepke H D	30373
Grepstad K	16374
Gressitt J L	52433
	68723
Gretschy G	81746
	82721
Gretskaia O P	37025
	71187
Grett	69694
Gretton R H	28072
Greulach V A	12327
	20304
Greve	49634
	49635
	49636
	82837
Greve H H	66332
Greve L R	50038
Greve S G	9197
	50996
	62778
	76966
	84070
Greve W	12754
	22041
	49637
Greven T	75554
Greville M	38348
Grew H S Jr	94949
Grew R	8474
	9666
	86522
Grewe F	23052
	38676
Grey C H	90513
Grey L P	16989
Grigaznov A N	5876
Grigaznova E IA	90343
Gribkova P	32240
Gribov E	44188
	53179
Grice C R	85031
Grice M R	26537
Gridelli E	68653
	89115
Gridley E J S	21608
Gridley J R	27628
Griebel C	7757
	18227
	38910
	44685
Griebeler W L	76431
Griebl	20979
Griebl H	2450
	2451
	13687
	34009
	58022
	74356
	82613
	82614
	85902
Grieg M	13244
Grieger P	44025
Griem W B	74934
Grier C B	54466
Grier E W	70061
Grierson-Jackson W	17490
Gries G A	18319
Griesbeck A	12328
	1094
	9017
	48217
	79906
Grieser R W	18504
Griess J R	44993
Griesser H	27957
Griessinger C	16375
Griessner I	46261
Griffault P	14883
	31953
	32058
	32059
	41302
	41498
	67075
	92000
Griffin C A	92886
Griffin C D	29
Griffin D R	33804
Griffin D W	92431
Griffin E D	18030
	26279
Griffin E L	16279
	33928
	55967
	80741
Griffin E L Jr	36986
Griffin F	48981
Griffin G L	13245
Griffin H P	23736
Griffin J H	30896
Griffin N	71954
Griffin W C	35475
	53415
Griffing J B	17497
	20552
	39661
	46657
	52954
	69100
	95937
Griffing J M	16493
Griffioen K	14813
	58977
	75497
Griffis S	9811
Griffith A L	3446
	14178
	14331
	14519
	14543
	14558
	14575
	14597
	14598
	14691
	74730
	75218
Griffith B T	30
	77846
Griffith E N	43978
	86148
Griffith F T	75594
Griffith Gap	74408
Griffith G W	96152
Griffith J	37815
Griffith M	51468
	58207
Griffith M E	77923
Griffith M M	47755
Griffith O	44315
Griffith R	24689
Griffiths A L	85800
Griffiths B J	28175
Griffiths C	45306
	62913
	79794
Griffiths D G	73330
	86217
	94816
Griffiths D J	56520
Griffiths F	82356
Griffiths H J	5975
Griffiths J T	7187
	35014
	61092
	61509
Griffiths J T Jr	93490
Griffiths L A	73324
Griffiths Sir P	61932
Griffiths Sir P J	94646
Griffiths R B	60779
Griffiths R L	48279
Grifi L N	1358
	53249
Grigaliunas A	81576
Grigg G W	23156
	42563
Griggs W H	860
	47949
	93684
Grignani A	32835
Grignon	88760
Grigor'ev A	46658
Grigor'ev G K	22809
Grigor'ev G V	75319
Grigor'ev N N	43395
Grigor'ev S	25751
	27691
	44444
Grigor'ev S N	71188
Grigor'ev V K	59414
Grigor'eva A	78541
Grigor'eva V G	39036
Grigoroff	80380
Grigorov I	67328
	87464
Grigoryev A A	74731
Grigsby B H	30243
	30539
	30540
	30541
	30542
	40278
	56504
Grigson G	31
	11376
	11591
	19751
	57693
	64127
	82556
	89309
Grillo N	13414
	21214
Grillot G	12622
	12695
	12755
	20551
	26280
	65109
	73413
Grim R E	66117
Grimaldi d'Esdra C	58617
Grimball E L Jr	49233
Grimes P M	8367
Grimm O	36649
Grimm W C	56213
	65963
Grimmer W F	84008
Grimminger E	94781
Grimsley C J	46905
Grimsson H	19170
	68259
Grin' G S	91140
Grinberg A	36641
Grinberg S	94423
Grindaker A	32722
Grindley D M	54718
Grindrod J	14304
	44339
	50039
	62693
	69900
	73698
	73699
	78821
	79270
Grinenko P P	1183
Grinenko V V	73899
Grinfel'd E K	61284
Grinfel'd IA V	71154
Grini O	83861
Grinnell H C	10684
Grinovero C	55106
	82981
Grinstead W T	15961
Griot M	52709
Gripenberg J	19752
Grisch A	29709
Grishchenko G	26169
Grishchenkova E	59569
Grishchenkova E M	84051
Grishin G N	56626
Grishin V	35036
Grishina M A	52005
Grishko N N	28301
Grisier O	50057
Grison	85637
Grison J	5447
	60215
Grison P	16146
	16201
	43181
	53250
Grissom D B	81851
Grissom E E	42987
	76465
	84209
	84458
	85146
	86209
Grissom P	58265
Grissom P H	49638
	56828
Grisvard P	90732
Griswold R M	79690
Gritsenko I F	31632
	66617
Grittner G	67627
Grittner I	52356
Grivanov K P	33860
Griveau M	8475
Grob E C	39233
	56970
	56993
	73326
Grob H	77617
Grobbecker	71328
	71329
Grobler B J	61384
Grobman A	47822
Grobstok E	30244
Grocery Manufacturers of America	9755
Grochowski W	83645
	92114
	95125
Grodsinsky L	420
Groedel B O	3661
Groen J	89008
Groeneveld C	319
	13092
	13093
	16508
	46829
	74732
	82260
Groeneveld H	6978
	9920
Groeneveld J	2524
Groeneveldt H	48982
	21091
Groenewald J W	84670
Groenewegen J H	421
	2189
	20385
	21252
	21253
	21254
	21283
	28999
	40186
	40187
Groenewoud W G	2404
Groenhart P	19877
Groenhuijzen S	11421
	11522
	11533
	80849
Groenman S	46524
	88606
Groenveld D	63391
Groetzner	83173
Groetzner E	66727
Grofan F O	36709
Grogan C	36192
Grogan C O	29561

Item

Grogan R G 422
557
56510
89668
Gröger G 51529
Groggins P H 11168
66707
Groh 423
Groh A W 45098
Groh W 20843
Gröhler K 16564
Grohmann A 85249
Grohn H 3788
32157
Gröhn W 22211
Grohne U 56829
Grohnert 22383
Grohovac S 90452
Grokhol'skaîa V S 30245
Groleau R 34768
Grolleron 17485
35191
79492
Grollnigg 22094
32434
Gromakovskiĭ P I 41818
Groman E 91029
Gromikov M 29562
Gromov A M 24015
Gromov D D 45981
Gromyko I D 31698
75320
Grøn A H 50085
Gronbech G 48262
Gronberg G 88761
Grönblad R 81066
Grönblom T 25034
Groneman C H 75466
Groningen C v 2757
Groningen Landbouwproefstation en Bodemkundig Instituut T N O 56107
Grøntved J 28649
Grøntved P 2354
65964
Groom J L 90450
Groom W A 66517
Groot A P de 68552
Groot E H 46959
Groot G de 61820
Groot H de 3887
12756
15081
48437
Groot T de 4311
15158
Groot W de 36193
Groote R de 40955
61623
65547
66310
86434
Grooten R 63383
86685
Grootenhuis G 23601
59339
Grootjans A 44393
Gropp C M 9421
12322
Groppali A 50997
Gros A 34769
48438
Gros A T 54751
87853
Gros C M 33286
Gros M 45663
Grosbüsch J 45423

Item

Grosch D S 61122
Groschke A C 23543
23791
32969
Groschke F 78112
Grosenbaugh L R 22279
50244
Groshev S G 23577
23683
84728
Groshong R 52773
Grošinić V 92432
Grosjean J 11796
20923
Groskreutz H 2452
16376
93584
Groskreutz K A 70501
Grosmane P 92997
Grospietsch T 82722
Gross 71955
Gross C E 9256
95315
Gross C R 8905
Gross D 95480
Gross E C 51429
59245
Gross F 58595
Gross F C 39590
66518
86261
Gross G 34997
Gross G F 6653
Gross H 65110
Gross H Jr 27958
Gross H M 30790
Gross J 78113
Gross K 92433
Gross L H 9977
40661
Gross L S 83327
Gross N 55603
88718
Gross N H 53641
78885
94647
Gross P M 36983
Gross R 94755
Gross W B 93007
Grossbard E 56389
64340
66199
Grossbauer R 46772
Grosse-Brauckmann E 74948
Grossenbacher E 4624
32733
Grosserer-Societetets Komite 19481
55834
80614
Grossgeĭm V A 38349
Grossien 92610
Grossman E 10240
Grossman J 4475
15720
48983
73982
77073
90787
Grossman J D 15494
Groszmann A 81852
94993
Groszmann H M 1570
13464
13465
74163
Grota C A 51237
Grote R 4312
4476
24325

Item

Grotegut L 93585
Groth A H 4070
32723
Groth H H 4882
Groth K 16998
Groth S 71735
Grotlisch V E 14955
32125
Grottian W 27629
Groulade P 51390
Groulx A 35296
Groupé V 42664
Grout R A 6155
9151
24527
24528
72135
Grove A R Jr 12439
48984
69032
Grove A T 14179
Grove C S Jr 8476
Grove F H 42759
Grove H 95538
Grove L C 48985
Groven I 30024
82261
Grover E B 35985
87205
Groves A B 30085
56390
Groves D 7153
53004
68112
Groves D E 2919
18283
24383
32836
33769
43068
50842
57228
68333
Groves H M 9881
Groves J R 24674
25035
34582
52361
94087
94088
Groves J W 11592
28882
38522
Groves M L 53774
Groves P K 92434
Groves W F 44862
Growers Administrative Committee 18261
Growinshield F B 38341
Grozdov B V 30246
Grube E C 60017
Grube K H 64840
73257
Grubel 75391
Gruber A 57452
88762
Gruber E 14773
18089
Gruber H 10074
10685
55212
61615
69663
Gruber L 15350
Grubinger H 17191
25565
49532
53368
Grubmiller O 31466
37158

Item

Grubnik S 51130
Grubov V I 56180
Grudev D 60400
93187
Grudev D I 33671
59415
Grudzinski H v 14865
50507
59020
Gruen F H 69901
Gruenhagen R H 11797
Gruget E A 1962
8477
20618
20619
20620
24528
26364
29563
48280
Gruhn R 76209
85014
85203
85204
Grullemans J J 57789
90788
Grully E de 69804
Grumach M 50636
83523
83524
Grumbach A 38160
72279
Grumbles L C 5316
23958
60141
84872
Grümer W 53946
70218
Grümmer G 36677
Grummer R H 5763
16048
16073
16110
16122
51889
51938
51967
60478
68309
93227
Grün H 54364
Grun P 64753
81462
Grundemann E 19015
Grunder M S 29710
65111
Grundish R W 15580
Grundke G 51206
Grundmann 45988
59467
76138
Grundmann A W 61123
78023
85801
Grundner H 61451
Grundström J A 14752
Grundy A V 17638
35313
69637
Grüneberg 53123
Gruneberg J 65253
67280
81798
Gruner H E 68709
Grünewald K 10884
Grünig P 58815
Grunin K IA 60923
Grunnet V 27738
Grünpeter A 53914
Grünsteidl E 79271
Grunt J A 33094
33095

Item

Grunwald L 9444
Grünwald O 54365
Gruschow G F 14576
75271
Grushevoĭ S E 39641
Grushko P 71544
Grushvitskiĭ I V 47708
56143
Gruslin G 92603
92604
Gruszecki S 22935
27310
Grüter 41659
Grüter P 62984
79428
87067
Gruyter P de 14138
Grzhivo V S 71189
Grzimek B 5317
71026
85566
Grziwa J 93586
Grzybowski H 87872
95346
Gscheidlen F 6156
Gsell O 4071
Gsell R 29096
Gstirner F 78724
Guadagni D G 54366
Guadze G I 58911
Gualaccini F 424
72552
72844
Gualandi G L 33287
Gualberto 48662
Gualco L 12757
34998
91408
Gualda Palma F 7497
Gualla B 12532
Guanabara Filho A 71123
Guandalini M 24016
Guard A T 29284
81406
Guard B 16064
24326
86393
Guard S A 84182
Guard S R 19412
88763
Guard W F 4072
32339
Guardasoni M 5858
Guardia P de la 50941
Guarini G 32783
42218
50903
51264
84356
Guarita D F 4230
Guarnieri J C 11249
Guarrera S A 81067
Guasch Gil R 36710
Guatemala 35416
Guatemala Dirección General de Estadística 45520
45521
Guatemala Direccion General de Ganadería 84653
84345
Guatemala Instituto de Fomento de la Producción 29564
Guatemala Instituto Agropecuario Nacional 3947
Guatemala Presidente 1951-(Arbenz) 35201
Guba E F 38678

	Item
Gubaĭdulin Kh Z	23143
Gubanov IA V	66211
Gubbins M	13246
Gubin A F	6157
	26762
	43304
Gubler H U	9152
Guck D G	31778
Guckes E	36367
Güde J	31555
	31755
	66835
	66836
	66890
Gudino Aguilar O	58509
Gudkov IÂ N	9626
	18733
Gudkov V	25911
Guðmundsson G	78625
Gudnason A	40279
Gueit M	81983
	90364
Guelmino D J	24896
Guénin H A	85638
Guenther E	54719
	62914
	70928
Guerault A M	62102
Guerder G	48849
Guerillot J	66333
Guérillot-Vinet J	23212
Guérillot-Vinet Mme J	23212
Guerin B C de	17486
	73983
	86435
Guérin H	14702
Guérin J	52435
	93765
Guérin L	88944
Guerin M	70502
Guerin R	22458
Guérindon A	73128
Guernsey W J	74846
Gueron I	62492
Guerra A	40446
Guerrant N B	45307
Guerreiro R T C	4883
Guerrero P G	28650
Guerrero Alvarado H	72157
Guerrero Torres R	33861
Guerreschi G	83759
Guerret M	1361
	6136
	33992
Guery	26943
Guessous A	24741
Guest B R	37311
Guevara J de D	2583
Guevara Calderón J	16592
	16830
Guevara R J de D	35225
	44415
Gueydon L	66334
Guézé P	19270
Gugalo I	41340
Gugg K	66913
Guggemos G	92134
Guggemos L	30946
Guggenheim E	66728
Guggenheim M	29463
Guggisberg A	19271
	27886
Guggisberg C A W	85568
Gugucevski M	82838
Guha A	34670
	94161
Guha B C	19580
Guha M P	12329
	21255
	90147
Guha P C	70966
	70967
	70968
	79815
	79816
Guha S K	95932
Guha S R D	14892
	18836
	41506
	59049
Guhl A M	5153
Gui L	80381
Guicciardini R	67281
Guichandut J J	51780
Guichard X	3416
Guida V O	51514
Guidantoni G	25208
Guidi P V	52955
	61353
	61354
Guiglia D	6713
	16901
Guignon C F	3757
Guignot F	52436
	77712
	77713
	77714
	77715
	85639
Guigo É	94598
Guiguet C J	43513
Guijo Sendrós F	67354
Guilbeau S	72679
Guilbeau W F	18771
	79940
	79972
Guilbert H R	23213
	32627
	42056
	43099
	50998
	51013
	84071
Guilbert L C	65600
Guilbot A	17632
	35378
	45522
	61846
	62694
Guild J	84161
Guild J D	5110
Guilford H	91327
Guilford V B	23097
Guilhou R	16377
Guilkey P C	31492
Guillaume A	28263
	35226
	49268
Guillaume M	82770
	83074
Guillaumin	27479
Guillaumin A	13571
	40332
	47159
	56214
	57641
	64189
	65329
	72280
	80917
	82357
	89257
Guillaumot M	64253
Guillem R	91301
Guillemain J	45523
Guillemat J	435
	20124
	72680
Guillot G	61716
Guilloteau J	82752
	83075
Guillou R	86149
Guimarães A P	9921
	10075
	35497
	88347
	88703
Guimarães E de O	126
Guimaraes J de A	77716
Guimarães J L	3274
Guimarães L M	15675
	15676
Guimbretiere A	70828
Guimont J A	42495
Guinea E	89310
Guinaudeau J	66953
Guinier P	3807
	22095
	50086
	58712
	72281
	75112
	83201
	91680
Guinochet M	72969
	89308
	89771
Guinot R	15557
	42333
Guiscafré-Arrillaga J	28733
Gukalov V	25288
Gukas'ĭan A S	73861
Gukasĭan M K	32635
Gulati A N	861
	45175
Gul'chak F IA	50668
	67554
Güldenpfennig F	79493
Guldner E	38034
Güldner O	14761
Guleri J S	88348
Gul'ev P K	23623
	33042
Gulĭaev A	44798
Gulĭaev V A	26281
Gulĭaev V V	64437
	72681
Guliaeva E M	47853
Gulick L H	31414
Gulidov N	87206
Gulisano V	5125
Gulisashvili B G	91939
Gulisashvili V Z	38854
Gul'ko L	28217
	44978
	94748
Gullander A	28073
	69586
	76045
Guillemat J	81235
	89597
Guillemet R	17632
	35378
Guillen Alvarez A	30715
Guillermin A	66761
Gulli S	17459
Gullickson T W	51106
Gulliford J H	5448
	84968
Gulowsen K T	22539
Gulvin H E	22629
	27959
Gulyás A	39067
Gum R	70114
Gumb I T	9756
Gumenŭk I P	35884
Gumerov M	46263
Gumiński S	29269
Gümoes J E	16999
Gumpel H	70633
Gumpertz D G	94562
Gumppenberg freiherr von	36500
Gunar I	30543
Gunar I I	48160
	64754
	89105
Gunasekera G C M	32837
	65112
	94844
Gündel	10969
Gundell H	20844
Günder M	78115
Gundersheimer G	51751
Gunderson F L	46989
	58926
	96153
Gunderson H	52459
	60924
	93406
	93407
Gundert	88633
Gundlach G P	94782
Gundrie B G	25516
Gundry B G	17493
Güngerich H	62207
Gunkel W W	7174
	85369
Gunn A	80657
Gunn C K	4954
	23537
Gunn D L	34658
	52853
	78223
	86030
Gunn J W	34705
Gunn K L	80615
Gunn W A	38020
Gunnarsson O	4989
Gunnerson W E	87025
Gunning O V	33043
	59940
Gunns C A	60032
Gunst J H de	43441
	52437
Gunston J	10280
	10281
	12758
Gunstone F D	62915
Gunter A C	5800
	6516
	95168
Gunter G	77717
Günthart A	23426
	25481
	35068
	39338
	78431
	84183
Gunthart E	64446
Günthart E	6523
	6786
	89525
Gunther A K	35986
Gunther C E M	60772
	60773
	60774
Gunther E	21554
	66177
	66335
Gunther F A	24446
	33918
Günther H	60312
	60341
Günther K	6444
	6850
Gunther M	72098
Günther V	43442
Günzler O	32684
Guðmundsson B	77016
Guðmundsson E	17338
Guðmundsson P	27311
Guoth J	83884
Gupalo P I	862
Guppy R	94202
Gupta A K D	70393
Gupta A P	8651
	11005
	49217
Gupta B	89830
Gupta B D	6654
	61060
Gupta B G	45774
	54720
	79795
Gupta B N	26944
	54721
Gupta C M S	4073
Gupta D K	70929
	79796
Gupta G N	18630
	26944
	54721
	62900
Gupta J C S	89977
Gupta K K	95504
Gupta K M	6445
	6798
Gupta M	72682
Gupta N	68941
Gupta N S	93958
Gupta N S	96048
Gupta P C das	94950
Gupta P N S	45712
Gupta P S	1184
	2803
Gupta R S	2758
	13738
	14583
	14598
Gupta S C	70930
	81098
Gupta S S	70931
Gupta V C	11912
Gupta Y C	57080
	75765
	75766
	81984
	83760
Güray A R	49639
	82698
Gurd J M	92041
Gurevich L I	20246
Gurevich S E	53180
Gurgel J T A	38142
	73019
Gurlev A S	14247
	16501
Gurley F G	17585
Gurley N F	54107
Gurnett J	36105
Gurney A B	6714
	17120
Gurochkin D T	79657
Gurr C E	1571
Gurumurty V	16020
	84364
Gurvich I IA	50380
Gurvich I I	41444
Gusarova A N	82982
Gusart Guardiet A	46525
	46526
	63619
Guse	93587
Guseĭnbekov A G	36111
Guseinov D	30947
Guseinov R K	40662
Guseinov S I	51781
Gusel'nikov A	77395
Gusel'nikov A A	20048
Gusev L	65854
Gusev L A	65113
	90936
Gusev M I	21634
Gusev S K	95665

	Item
Guseva A R	48161
Guseva E I	29979
Gushchin B	90299
Gusler D L	3768
Gusler G	7496
	9198
	9199
	17554
	18031
	18684
	25640
	26282
	26283
	27480
	27481
	27482
	35331
	35885
	45850
	54108
	54776
	59664
	70394
	71236
	79581
	80418
	80419
	95233
Gusovius H	58844
	66762
Guss C O	54314
Gussoni L	66519
	69389
Gustafson C A	58860
Gustafson C D	1695
	29980
	29981
	90589
Gustafson F G	73148
Gustafson G W	14656
Gustafsson A	73054
Gustafsson A M	3677
	8417
Gustafsson C	14936
	15000
	22727
	32158
	32178
	75595
Gustafsson G R	14903
Gustafsson L	19171
Gustafsson M	56978
	56979
Gustafsson N	13560
	39050
	74152
Gustafsson N E	30948
Gustafsson T	18469
	36463
Gustafsson Y	38300
Gustav I I	71190
Gustavson K H	18586
	54596
	70812
	70879
Gustavson R G	10686
Gusynin I	90203
Gut C	14685
	19643
Gutcho M	25822
Gutenberg	30949
	49819
	66336
Guterma A L	45176
Gutfeld S F	66729
Guthneck B T	28231
	45652
Guthrie F E	77951
Guthrie J	7428
Guthrie J E	77111
Guthrie W D	16177
Gut'far E M	7103
Gutiérrez C	54955
Gutierrez H	63848
Gutierrez J	42683
Gutierrez J S	26945
Gutierrez M	52004
Gutierrez M E	12894
	12895
	18813
	39081
	65274
	71170
	81236
	89831
Gutierrez R	77718
Gutiérrez Acebes M	77141
Gutierrez Cortes H	40543
Gutiérrez Díaz H	62779
	63241
Gutiérrez Fernández P	95900
Gutiérrez G-Quijano R	45759
Gutierrez Jarquin T	41222
Gutiérrez M A	42151
Gutiev G T	73779
Gutina S L	63089
Gutknecht H	11324
	15115
	19712
Gutknecht J	24962
Gutnikova Z I	74357
Gutschmidt I	44572
	44573
Gutschmidt J	78485
Gutsevich A IA	37489
	70503
Guttenberg H von	81577
	81679
Guttenberg H A F J Ritter von	64122
Guttenberg S	3353
	14496
	15001
	50287
Gutterman B M	70528
Guttfeld S F	13938
	14305
Guttfeld S P	74581
	74956
Guttormsen W	35257
Guttridge C G	1808
Guttridge G	18685
Gutteridge H S	93065
Gutwillig M M	94581
Gutzwiller R	91656
Guyadeen K D	20663
	73541
Guyer R B	47950
	90947
	95068
Guymon J F	18308
	53642
	94648
Guyot A L	29270
Guyot H	49967
Guyot L	20124
	47509
	56511
Guyot S	26946
	45775
Guzanov A	59766
Guzman G J	19519
Guzman N E de	19193
Guzmán R	87829
	95105
Guzman T E	22331
Guzman V L	426
	9426
	47389
	48744
Guzman B V L	1696
Guzman F A	71836
Guzman Garcia J	63933
Guzman Garcia R	62910
Guzovskii M	40188
Guzzini D	13247
	26455
	30143
	36112
	54192
	55107
	55835
	55968
	67198
Gvelesiani V P	35564
Gvozdikov A V	75382
Gwatkin R	5318
	42510
	60142
	92887
Gwin J M	5449
	9530
	36785
	45851
	79851
	87934
	87935
Gwynn D	46595
Gwynne C S	13831
	30828
Gwynne D C	72655
Gyarmati E	92288
Gygi F	18543
	26836
	79705
Gygli K	6158
	52238
Gyllenberg H	94756
Gylling E I	70721
Gynn G	9922
	15973
	19265
	33530
	48439
	55464
	69524
	76177
	80263
	80267
Györffy I	23096
	89978
Gyorfi J	78024
	85903
Gyrisco G G	6524
	16202
	68496
	68640
	68677
Gysel A	21369
Gysel L W	14553
	91742
Gzyrian M	22745
Haab W	15230
	81578
Haack R	36576
Haag	23427
	50843
Haag A	26628
Haag H M	46659
	46803
	46895
Haag J R	15082
	75881
	92593
Haag L D	44373
Haagen-Smit A J	18614
	29271
Haagsma N	11374
Haak A H	88148
Haak J	6159
	93588
Haakh H	8478
Haakonsrud E	52239
Haan H de	7081
	20553
	29499
	29711
	39339
	39480
	48218
	57012
	64670
	64671
	81470
	81476
	81853
Haan I de	56689
Haan J de	10361
Haan J H de	66618
Haanstra W	63051
	94599
Haantjens H A	40561
Haar C M	10545
Haar H G ter	2759
Haar P von der	70971
Haardt F	863
	86310
Haarer A E	2453
	21806
	24992
	25209
	26365
	29652
	29653
	39417
	41223
	45177
	47823
	58074
	62377
	62378
	82983
	87207
	87208
	89893
	94241
Haars W	33590
Haas A R C	56830
	64755
	89979
Haas de	12914
	71419
Haas F	14867
	64672
Haas H	50533
	72479
Haas H J	90227
Haas J H de	38080
Haas J N	85737
Haas K B	41819
	42360
Haas M	76808
Haas P G de	29887
Haas T P	80876
Haas W	55108
Haase	49820
	65114
	73542
	74935
Haase G	37719
	40799
Haase W L	35626
Haasjes K H S	56108
Haastert G	94242
Habakkuk H J	95614
Habaron H	10518
Habedank O T	46527
Habeeb H	72446
Habel F	10687
Habel R E	4605
	22936
Habel W	60173
Habenicht G	77958
Haber E S	20564
Haber W	30247
Haberer H	68070
Haberl F J Jr	7758
	61912
Haberly M	63890
	70634
Habib J	14077
	17539
Hablützel H	58791
Habran R	1743
	30026
	48784
	65425
	73821
	82211
	90630
Hac L R	39061
Haccius B	81421
Haccour	16378
Hachero L E	44122
Hachinohe Y	43305
	43306
	52324
Hachmann W	8368
	26685
	26686
	36368
	87587
Hack W H	24813
Hackbarth F L	46772
Hackbarth J	864
Hackbarth W P	47756
Hacke-Oudemans J J	31486
Hackemann A	17877
Hackenschmied W	62266
	62267
Hacker	7304
Hacker D B	11042
Hacker O	91955
Hacker W	84671
Hackett D P	47951
Hackett G	74229
Hackett L W	61011
Hackforth-Jones G J	9427
Hackl E	53313
Hackleman J C	29781
	30544
	81786
Hackley B E Jr	34321
Hackman R H	85842
Hackney Mrs H H	4313
Hackray J	85960
Hacskaylo E	20305
Hadaway A B	33920
	60622
	68487
	85449
Hadden N G	30248
Hadden S J	90237
Hadders G	41224
	75113
Haddin J H	32838
Haddock D	18814
	53190
Haddock J L	58266
Haddock P G	30731
Haddon C B	48281
	65060

	Item
Haddon E	27122
	27123
	79941
Haddow A J	6590
	34328
Haddox C H	12229
	73157
Hadek R	33100
Hadeler W D	44538
	62103
Hadermann G	73715
Hadfield W V	90197
Hadiwidjaja T	47629
Hadjinicolaou J	78270
Hadland G	7972
	8113
	62064
	86911
Hadland G S	84008
Hadland J R G	38805
Hadley B	15558
Hadley B L Jr	52438
	78116
Hadley C H	93766
Hadley D E	95977
Hadley I D	41970
Hadley P	30663
	77396
	91108
Hadli S N	94171
Hadlington E	5489
Hadlington P	34244
	34513
	34583
	68883
Hadorn C	47510
Hadorn E	11326
	6694
	24814
	60925
	85738
Hadorn H	18631
	36786
	45852
	62985
	87359
Hady F T	37591
Haeckel A	64756
Haefeli R	58849
Haeger E	17000
Haeggblom S	17228
Haegi W	55653
Haendler L	73771
	79377
Haenen J	2760
Haenseler C M	11772
	89598
Haeseler G	7759
	78886
Haeussler G J	93408
	93409
Hafele W	76299
Häfelin J	1809
Hafenrichter A L	20664
	40670
Haferkamp M	39481
Hafez E S E	5733
	24164
	85110
Hafez M	43720
	77719
	77720
	77721
Haffen K	15853
	84927
Haffert W A Jr	69923
Haffkine Institute	38161

	Item
Hafiz A	427
	28750
	28883
	36679
	89599
	89600
	89661
Hafner F	3334
	3335
	3579
	75175
	91956
Hafner F H	54722
	62916
Hafner R	14762
Hafner T	92135
Haga T	47824
Hagan G C	55905
Hagan H R	33805
Hagan R M	58208
Hagan W A	83862
Hagberg A	47825
	72970
	73055
Hagberg E	3380
	75219
Hagberg K	80760
Hagberg N	50245
Hagberth N O	48292
Hage I P	28125
Hagedoorn A L	3826
	50669
	50999
	77050
Hagedorn J	19220
Hagedorn R	68817
Hagem K	10282
Hageman R H	2454
	2455
Hagemann K O	50122
Hagemann P	71027
	93066
Hagemeyer J W	610
Hagen C E	48000
	73140
Hagen C R	17339
Hagen W	65601
Hagène P	64123
Hagenmüller	70097
Hagenstein W D	3511
	50356
Hager F D	65602
Hager H	30249
	65603
	65604
	73984
	82358
	86436
	90789
Hager J A	14786
	50462
Hagerman L	51782
Hagert L G	70318
Hagerup H	2761
	64014
	83144
Hagerup O	29272
	72971
Haget A	68654
Hägg K E	83372
Haggard A	34459
Haggart V	25502
Hagge A H	47511
Haggett G	25036
	43790
	52780
	52781
	61192

	Item
Hägglund E	3735
	14998
	22650
	32159
	50534
	67205
	83612
Hägglund M	43944
Hagglund S E	22651
Häggqvist G	33654
	33655
Hagihara H H	74445
Hagino T	50266
Hagiya K	12330
	13466
Hagler T B	865
	48018
Haglund A	3750
Hagman P	31487
Hagmann	77397
Hagmann L E	43583
Hagmann P	53546
Hagnauer W	67598
Hagood E S	13572
	13573
	65965
Hagood M J	19272
	37735
	37764
	80086
	95781
	95782
Hagsand E	40280
Hague S M	11534
Hague Bur v or Statistiek e Voorlichtin	67447
Hagyard C E	15703
Hahmann D	77618
Hahmann K	11654
	24932
	56391
	72553
	77619
	81333
	89714
Hahn	23308
Hahn A	84563
Hahn E	17487
	30250
Hahn H	84072
	84073
Hahn P	21370
	82500
Hahn S S	54225
	70529
Hahn W S	13414
	30373
	74118
Hahne	1185
Hahne A	95718
Hai	70932
Haible	9923
	69902
	69903
Haider A	66785
	66891
Haigh D	94920
Haigh F B	21882
	21883
Haigh J C	57830
Haigh L D	94900
Haigler S W	4882
Hailes W H	44949
Haine E	6655
	52439
Haine K E	20306

	Item
Haines F M	56831
	56832
Haines L F	36194
Haines R B	36650
Haines R W	72383
Haines W T	85198
Hair J B	737
	81237
Haisch A	70162
Haislip M	73985
Haislip M P	1963
	13248
	48986
Haisma J P	36272
	87480
	54367
Haiti Direction Générale de l'Agriculture Sect de Botanique	82557
Hajek T	61933
Hajsig M	76650
Hakansson A	12200
	40800
	74733
	81422
	96209
Håkansson H	55023
Håkansson R	27483
	80827
Hakelier N	38440
Hakim K A	3336
Hakkarainen A	75418
Hakkarainen A E	31896
	41338
Haklai Y	12627
Halais P	18772
	21635
	49640
	74453
	91302
Halaszfy C E	85843
Halbinger R E	8854
Halbritter	77398
	77399
Halbritter A	67120
Halbritter K	50451
Halbrook E R	5450
	23829
	24017
	42586
	42760
	60216
	68113
	68114
	76744
	84815
	84816
	84961
Haldane J B S	7615
Haldemann E	63714
Halden W	38081
	44575
	56833
	61809
Halder G	42276
Hale C W	38340
Hale E B	23737
Hale F	41756
	77112
	93228
Hale H	29921
	39482
Hale J D	83494
Hale M	5451
	15721
	15887
	23830
	24018
	24019
	24020

	Item
Hale M	24021
	33470
	34820
	42761
	60217
	60218
	68115
	76922
Hale M E Jr	56338
	89772
Hale N	93185
Hale N S	16118
Hale O	40000
	40663
	74582
Hale R D	66619
Hale T B	25210
Hale W J	61727
Halenda P P	88033
Hales K C	86955
	94605
Hales M	8232
Hales M W	70219
Haley J F	66118
Haley W E	5949
	25044
	61166
	93366
	94101
Halgeri A V	16788
Halim A	67284
Hall A	69186
Hall A G	14422
	40999
	64710
Hall A J	8479
	87209
Hall A N	20474
Hall A S	36759
Hall B A	20158
Hall B G	61754
Hall B J	64367
Hall C A	11469
Hall C B	79484
	79507
Hall C J	8024
	57592
Hall C N	41971
Hall C R	45178
Hall D G	6076
	9131
	77218
	85361
	85362
	93410
Hall D M	10938
	80560
	88868
	95978
Hall D W	34115
	68884
Hall E	22731
	52911
	96207
Hall E E	20257
Hall E G	62600
Hall F	70635
Hall G	3541
	51692
Hall G E	69060
Hall G O	33405
	79865
Hall G W	57406
Hall H	28402
	73986
	89201
Hall H H	49269
	63938
Hall H J	44379
	78593
Hall H L	19413

	Item
Hall H S	61396
	61562
	78382
	78388
	78389
Hall H T	55654
	65605
	66059
Hall I F	18912
	18913
	27332
	46155
	46528
	46529
	46530
	46531
	55109
	55371
	55524
	63242
Hall I M	43791
Hall J	33396
	74164
	95169
Hall J A	6656
	22579
	31997
	53314
Hall J B	35332
Hall J C	52532
Hall J D	18272
	36195
Hall J P	12137
Hall J S	19152
	63500
Hall J W	20159
	56690
	80877
Hall L B	19780
Hall L W	92747
Hall M D	33199
	33397
	33398
	42762
	51530
	60018
	76879
Hall M M	7760
	17753
	35498
	61934
	86742
Hall M T	31523
	47235
	48663
Hall N	31596
Hall N S	49579
	49641
	64915
Hall O F	3301
Hall P J Jr	47512
Hall R	46772
Hall R A	1431
	76464
	90238
	90388
	92702
Hall R B	13922
Hall R C	87481
Hall R E	34329
	59654
	93860
Hall R H	87750
Hall R L	22384
Hall S	19016
Hall S A	24445
	24447
	93515
Hall T B	18815
Hall T E	9018
	9019
Hall T F	43613
Hall V L	12525
Hall W C	29464
	29654
	39068
	47952
	56834
	56835
	73158
Hall W J	5334
Hall W L	69568
Hall W T	14177
Hall W T K	84647
Hall W W	91915
Hall-Green C E	36651
	70880
Hall-Patch P K	32724
Hallam T W	70072
Hallands Läns Hushållnings-sällskap	47013
Hallas D G	12344
Hallaure J	1697
Halldórsson B	10802
Halldórsson P	53947
Hallé M	23110
Halleck F E	9319
	18567
Hallema A	47160
Hallemans A	11655
	13574
	16203
	20000
	33862
	38574
	38575
	64341
	68413
	78117
	68414
Hallén D	18090
Haller H L	6048
	16204
	33863
	43182
	93522
Haller M H	11916
	62601
	95115
Haller P	17807
	25879
	25880
Haller R	54467
Haller W	56654
	83328
Hallerfors M	49270
	74583
Hallerstedt B	75671
Hallett H K	94951
Hallgarten S F	44686
Hallgren G	40801
	91409
Hallgren H	15043
Hallgren P A	3701
Hallgren W	23309
	59655
	84314
Halliday C	77400
Halliday W G	31269
Hallidie Mrs Z	10283
Hallin S	46586
Hallingby J	67787
	67788
	67789
Halliwell A N	18197
	44754
Halliwell G	81579
Halliwell J H	8057
Halloran H	15782
Halloran H R	35886
	35887
	35888
Hallowell C	90790
Hallowell H T	10688
Halls E E	53492
Halls L K	21371
Hallsted A L	47102
Hallström G H	8765
Hallsworth E G	2639
	13939
	40544
Hallund V	24529
	24530
	34010
	93589
Halma F F	1698
	89980
	90590
Halnan E T	42587
Halpaap	7268
	35098
Halperin D R de	79378
Halpin J	17498
	35184
	44257
	46384
Halpin J E	64438
Halpin J G	23884
	76766
Halpin R B	9547
	18701
	27028
Halse K	84292
Halsey D D	95843
Halsmayr V	10362
Haltenberger O K	7973
Haltmeier O	36369
Haltom L H	24327
Halton P	54468
Halver G C	4074
Halverson A W	3926
	22837
	45524
	55927
Halvorson H	44451
Halvorson H A	54041
Ham J L	41620
Ham W E	24255
	41894
Hamacher	21256
Hamacher W	40189
	57372
	81149
Hamada H	45720
Hamada K	56172
Hamada M	93523
	93526
	93925
Hamada M K O	76962
Hamamura Y	78245
Hamann W	58743
	66807
Hambach	19221
Hambleton E J	6851
	85363
Hamblin H J	25436
	69330
	69493
	78334
	86262
Hamblin H L	69494
Hamblin S F	21092
	40001
	65606
Hamblyn C J	73543
	74271
Hamboullas K	80264
Hambrouck K	40961
	76880
	86150
Hamburger W J	79301
Hamby D S	79272
Hamby M P	26366
Hamdi S	74615
Hamel A	38350
Hamel E C Jr	82359
Hamel J L	690
	64622
	81423
Hamel K A	78787
Hamel L M	69904
Hamel P A	9812
Hamelen M C van	46264
	53390
	78702
Hamelin A	93011
Hamence J H	7539
	14260
	31259
	74584
	83145
Hamersley R H B	83224
Hamerstrom F	55562
Hamet R	39234
	89311
Hameter E	1964
	90791
Hamid K B Sh Muhammad Abdul	2920
Hamid M A	74734
Hamilton A	61193
	65292
Hamilton A B	46587
Hamilton A P F	14178
Hamilton C C	866
	33864
Hamilton C D	28749
	75360
Hamilton C E	5554
Hamilton C H	71755
Hamilton C L	44360
	61325
	61670
	78307
	78308
	78309
	86487
Hamilton C M	23758
	23926
Hamilton D G	1186
	39329
	81238
Hamilton D P	22487
Hamilton D W	6446
	16205
	16511
	33865
	77219
	93729
Hamilton E	2955
	65710
Hamilton E L	21965
	28349
Hamilton E W	52956
	79089
Hamilton F	7616
Hamilton F L	59984
Hamilton F W	45692
	62208
Hamilton G H	57694
Hamilton G R	17001
Hamilton H G	18198
	61755
	79397
	95877
Hamilton H L	51654
Hamilton J	2190
	96049
Hamilton J L	46042
Hamilton J M	428
	20001
Hamilton J R	75498
Hamilton L H	24199
	80478
Hamilton L S	14520
	58978
Hamilton M	32628
	41820
	83863
Hamilton P L	40456
Hamilton R	65710
Hamilton R A	40073
	57229
	58267
	63501
	67282
	73903
Hamilton R D	82558
	82580
Hamilton S W	24022
	60143
Hamilton T K	8058
	53710
	69905
Hamilton T S	85199
Hamilton W M	4827
	10076
	67588
Hamilton Royal Botanical Gardens	11377
Hamlin C E	75714
Hamly D H	89202
Hamlyn B M G	29033
Hamm E W	95979
Hamm H A	19492
Hamm R	45649
Hammack M	542
Hamman A J	58423
Hamman E C	46354
Hammann H	16379
Hammar C H	19017
Hammar I	74847
	91657
Hammar S	27960
Hammarlund A	2357
Hammarlund I	65855
Hammarlund L	24448
Hammarstrand E	41080
	75100
Hammel G	34913
Hammer K	52710
Hammer O	6160
	6161
	24531
	40333
	43307
	68553
Hammer O H	43183
	93411
Hammeren N K	5939
Hammerle O	27002
Hammerle O A	35376
	69710
	78836
Hammerle W C	14378
	14497
	22419
	50167
	60557
	75101
Hammerling J	56307
	56732
Hammerlund L	81150
	89500
Hammers L A	13061

	Item
Hammerschlag P	5940
Hammerstrom R N	59847
Hammett J E	50138
Hammett L	62300
Hamming G	64916
	73380
Hammler	21623
	27759
	28224
	31298
Hammon R	31103
Hammon W M	5048
Hammond A E	36196
	69587
	69588
Hammond C O	34315
Hammond G H	52440
Hammond G L	27055
Hammond G W	36921
Hammond H E	61194
	61195
	78118
Hammond J	4314
	15044
	16033
	33770
	76955
	77142
	84002
	88190
	95261
Hammond J Jr	15021
Hammond L	7167
Hammond L C	12331
	74421
	74422
Hammond R	26170
Hammond R J	44394
Hammond T M	79040
Hammond W E	70319
Hammond W R M	42763
Hamner A L	43184
	43194
	43195
	85364
	85365
Hamner C L	59058
	73229
Hamner K C	47953
Hamon C E	66730
Hamond R	8233
Hamorszky K R	75863
	75864
	76300
Hampe P	12940
Hampel G	62695
	62696
Hampshire Down Sheep Breeders' Association	76967
Hampton J R	63715
Hamre A	1572
Hamrén J B	51107
Hamring E	9020
Hamson A R	95069
Hamstead E O	16277
Hamy A	20487
	21696
Hamy M A	73361
Hana K	80878
	89203
Hanafy M	28176
Hanamitsu C	56836
Hanan B B	43389
Hanau A	45525
	78800
	86616
Hanauer K	70566
Hance F E	49271
Hance W A	37490
Hanchet W H D	3512
Hanchey H	73987
Hanchey R H	1965
	73273
Hancock B	68170
Hancock B G	53072
Hancock C	76881
	85802
Hancock H A	62379
Hancock J	32725
	15045
	76046
Hancock J L	15273
	32488
	76009
	84074
Hancock N I	7122
Hancock R C G	59416
	82771
Hancock W B	51966
Hand A	79071
Hand D B	79370
Hand J	7104
Hand J Jr	34750
	48358
	88672
Handa B N	91480
Handa C L	66119
Handa K L	1043
	56220
	74358
Handa R	50150
Handel-Mazzetti H	14332
Handel-Mazetti	P66892
	74979
Handel-Mazzettis P	30950
Handford R H	34659
	61279
	69007
	93412
Handler P	4606
Handley R	73210
Handlin O	80422
Hando C H	31827
Handwerk R L	44799
Handy C F	53820
Handy J E	17633
Hanebut F	44950
	70220
Hanegraaff C F	55578
Haneke	1187
	2191
Hanes C S	79582
Haney B	95940
Haney W J	1966
	90792
Hanf M	39069
	57937
	85640
Hanf W	81151
Hanger F	48987
Häni J	9153
	11122
	18470
Hanigan D K	48988
Haniquaut J	71322
Hanisch H	39483
Hanke H	74585
Hanke M L	68655
Hanke R	76940
Hankin L	79098
Hankins J E	10689
	88764
Hankins O G	9250
	18495
	24225
	26876
	32737
	70891
	87773
	95234
Hankinson D J	44910
Hanks R J	39070
	40427
Hanley J H	57695
Hanlin B	72996
Hanly V F	56837
Hanmer H R	9709
Hanna A D	43658
Hanna G B	61452
Hanna G C	2192
	40190
	49152
	57831
Hanna R L	52666
	52854
	77220
	85860
	93756
Hannaford W B	62602
	62603
Hannah A	24815
	93829
Hannah H W	19374
	58510
	71420
Hannah J A	10690
Hannah J T	37816
Hannah R S	94569
Hannah Dairy Research Institute Kirkhill Ayr	8234
Hannam H H	37069
Hannam T B	54469
Hannan R S	94515
Hannan T B	36370
	39340
	45526
	87588
	95170
	95171
	95172
Hannas R R	11169
	42588
	53251
	60144
	69390
Hannawald E B	62889
	87817
Hanneman G	10077
Hanner E W	8025
Hannes'chen E	60677
Hannestad G	30251
Hänni H	7974
Hänni J	77401
	77402
	77403
Hannibal L S	64757
	65607
Hannigan M A	1744
	20924
	20925
	20926
	30080
	47954
Hanning F	26534
Hannon R C	79072
Hanousek J	49428
	49429
Hanover Verkehrs- und Presseamt	65608
Hanow R	21257
Hanrahan F J	15021
Hans G	41972
Hansard S L	24292
	84315
Hansborough L A	23706
	33101
Hansbrough J R	81239
Hanscell D M	20755
Hansch C	12332
Hanschell D M	65925
	66337
Hanschke	85536
Hansel H	12333
	20209
	23157
	29273
	30252
	73159
Hansel W	15427
	42152
	59656
Hansell D E	38206
Hanselmayer R	48989
	82360
Hansen A	28538
	47161
	41821
	53322
Hansen B B	86345
Hansen C	65609
Hansen C A	34404
	85803
Hansen C C	6162
	68554
Hansen C J	1866
	20927
Hansen C M	9694
	29925
	34902
	39215
	44089
Hansen C V	53586
Hansen E la C	2863
Hansen E N	51000
	76445
Hansen F	21526
	54368
Hansen G M	32187
	59047
	67121
	67149
	67150
	75477
Hansen G S	63274
Hansen H	2762
	61453
	61682
Hansen H A	49430
Hansen H B	18734
	49153
	54852
Hansen H C	7975
	26015
	26147
	26148
	76178
Hansen H F	1745
Hansen H H H	40915
Hansen H J	25211
	43979
Hansen H L	3301
	49256
Hansen H P	558
	38351
	38576
	64342
Hansen H W	43308
Hansen J B	39610
Hansen J C	45350
Hansen J K	52089
Hansen K	6979
	25399
	41973
	53181
	67741
	76047
	78343
Hansen L	867
	2769
	21697
	49154
	49431
Hansen L R	17192
Hansen M	35185
Hansen M F	23891
	84873
Hansen N J	9977
Hansen O	7617
	35379
	35380
Hansen O S	8114
	8235
	26083
Hansen P B	7168
Hansen P L	52957
	5452
	42589
	46479
Hansen P O	87936
Hansen R	17284
	26084
	26171
	34999
	53106
	53948
	35627
Hansen R G	79039
	84148
	85103
Hansen R M	13249
	90793
	90794
Hansen R P	7976
	25988
	35679
Hansen R S	32134
	36787
Hansen S	45303
Hansen S A	79009
Hansen S I	46660
Hansen V	16565
	19644
	40002
Hansen V E	2921
Hansen W	33079
Hansen W F	48990
	73988
Hansen-Rosenthal W	67874
Hansens E J	78270
Hanser G	60936
Hansing F D	27623
Hansl N	64887
Hanson A	84008
Hanson A A	32
	38969
	48440
	64673
	81985
Hanson C H	29041
	72895
Hanson C T	35891
Hanson D	5941
	16206
	43036
	67483
	86956
	92435
	94424

	Item
Hanson E W	64436
	64439
Hanson F P	34750
Hanson H C	12070
	84003
Hanson H G	44929
Hanson H L	7618
	27013
	36801
	44416
	79857
	87943
	95375
Hanson J	19483
	28126
Hanson J M	61658
Hanson K I	8703
	18830
	18831
	54264
Hanson K O	46098
	63384
Hanson L E	5764
	5765
	16065
	24256
	24257
	32241
	33672
	33673
	43037
	50725
	60418
Hanson N S	49642
Hanson R G	64673
Hanson R M	67965
Hanson R P	5319
	51618
	60175
	60145
	85311
Hanson W C	83146
Hanson W D	29158
Hanson W R	58884
	85450
Hanssen E	62697
	79585
Hanssen L J	22524
Hansson A	5734
	8164
	15274
	16380
	18471
	24532
	24993
	33656
	34011
	45598
	68942
	76048
	84448
	92690
	93590
	93591
Hansson B H	68943
Hansson G	75114
Hantsbarger W H	24406
	52122
Häntschke E H	16381
Hanusch J	62209
Hanway D G	28408
	29829
	39586
	40664
Happ	42277
	46661
Happ H	51001
Happel	71210
Happich M L	75645
Haq M O	32629
	76179
Haque A	19300
Hara H	11470
	28539
	80967
Hara M	50381
Hara N	28415
Harada H	47757
	64623
Harada N	42468
Harada T	24384
	91193
Harada Y	80879
Harakis M J	58511
Haraldson A	27351
Haramoto F H	16751
Harant H	43514
	60926
	85804
	93861
Harari A	16034
Harbaugh F G	84295
Harbaugh J W	19334
Harbin C E	18402
Harbison C E	4939
Harbison R H III	53881
Harbo E	46784
	46804
Harbour H E	85111
	85366
Harcourt D G	68742
	79441
Hardaker W H	89773
Hardcastle W S	13575
	65966
Hardee J G	96079
Hardeman P	4607
Harden F J	83864
Hardenburg R E	8789
	8790
	87403
	87417
	87455
Harder A	34012
Harders-Steinhäuser M	22746
	22747
	41647
Hardesty J O	31260
	50026
Härdh H	24816
Härdh H J E	429
	11798
	24994
Hardie A	27987
Hardie E E	51831
Hardiman L W	6163
	24533
	34013
	43309
Hardin C M	3049
	17647
	71545
	80161
Hardin J O	32242
Hardin J W	72384
Hardin L	63590
Hardin L S	16046
	37223
	37244
	63312
	80337
	93284
Harding A H	73327
Harding C W	76882
Harding E L	94563
Harding E R	46990
Harding P L	8855
	62604
	62647
	87434
Harding R B	13006
Harding S T	91410
Harding T E	42185
Harding T S	11301
Harding W A	13250
Harding W A B	82501
Harding W B	24293
Hardison W A	50775
Hardisty S E	62622
	62623
	79494
Hardt W	82984
Hardt-Stremayr W	24258
	53711
	86151
Härdtl H	93767
Hardtner Q T	50087
	66763
Hardware Trade Journal	7063
Hardwick W R	95505
Hardwicke D	1967
Hardwicke G D	1968
Hardwood L J	15888
Hardy A V	4075
	4877
	84513
Hardy D E	6525
	60927
	60928
	60929
	77847
Hardy E	33399
	46052
	80880
	93320
Hardy E A	86152
Hardy F	40665
	66338
	82839
Hardy G A	6787
Hardy G H	34330
Hardy J	13251
	19918
Hardy J W	56215
Hardy K	41497
Hardy K T	61935
Hardy S K	40281
Hardy W H	5320
	42528
	44026
	76803
Hardy W J	23111
Hardy W K	41974
Hardy W T	16006
	24165
	33595
Hare H R	19335
Hare J H	76727
	86912
Hare M P	11378
Hare W W	64440
	72683
Harfst R D	79797
Hargrave H J	59468
Hargrave P D	12034
Hargraves M M	74848
Hargreaves C A II	56940
	81780
Hargreaves G	53949
	62210
Hargreaves J	37491
	73414
	90239
Hargreaves J E	66731
	94425
Häring	1188
	45938
Haring F	84075
	35014
	85175
	85203
	85204
Haring R C	65967
Häring-Huber F	91973
Harington J S	6366
	85313
Harisijades S	94751
Harizuka M	69019
Harjas Rai	18505
Harkema R	76793
Harker B A	14379
	59010
Harker S A	43584
Harkink J	17229
Harkins H N	59860
Harkness B	57696
	65610
	82361
Harkness R W	65383
	70530
Harkness W D	22242
	68525
Harkness W L	87120
Harkom J F	83536
Harlan C L	15231
	36501
Harlan D D	9268
Harlan J C	8704
	25641
	44454
Harlan J R	73544
	73545
	73546
	73547
	81986
Harlan P W	29982
Harlan W R	9709
Harland E M	63677
Harland H A	62065
	79010
	94845
Harland S C	20210
	29159
	73477
Härle A	33866
	64343
Harler C R	13688
	13689
	13690
	17754
	40576
	44687
	82615
	86743
Harley A	45989
Harley C P	2569
	21807
	29274
	39828
	66277
Harley J L	64758
Harling G	89452
Harman I	23523
	59816
Harman I D A	4839
	6788
Harman L	37937
	37940
Harman T D	94717
Harmening	78451
Harmer P M	83149
Harmon F N	1849
	47955
Harmon I	4940
Harmon M P	76831
	84747
	84903
	84904
	85027
Harmon S A	82143
Harmond J E	25325
Harms F	4608
	69987
Harms Mrs H H	65710
Harms J	8856
	60558
Harms W S	5580
Harmsen G W	13783
	49442
Harmsen I W L	76446
Harmsen W L	41975
Harmston F C	16695
Harn S P	65710
Harnack W	28880
Harned R L	28409
Harned R W	77269
Harney A R	5321
Harney W	2456
	6164
	60678
	77404
	85497
Harnisch O	85739
Harnkess W D	31857
Harnly J W	95306
Harnly M H	16696
	16697
	24806
Haro M	71028
	76810
Haro S G de	30951
Haron T	68849
Haronska G	68698
	72554
Harp H F	1573
	1969
	1970
	13252
	13253
	30253
Harper A E	50883
Harper A R	2457
Harper C	68203
Harper F B	31104
Harper F C	25912
Harper F J	28540
	47236
Harper G A	5766
Harper G S	87436
Harper G W	52782
Harper H J	14180
Harper J A	76693
Harper J C II	13972
Harper J O	6590
Harper J S	41478
	67192
	67193
	75551
Harper K	6165
Harper L	34879
Harper O M	65611
Harper R E	39722
Harper R M	38855
	89312
Harper R S	80338
Harper R W	78224
Harper S H	16280
	16281

	Item
Harper T A	42665
Harper W J	44792
	62066
	79011
	79141
	87068
Harradine F F	40540
Harranger	72555
Harranger M	16534
Harreis F	35499
Harrel C G	36371
	62698
Harrer E M	59469
	67484
	84076
Harrer J	55213
Harrer W J	59463
	67484
	84076
Harriman W A	80581
Harrington A H	86851
	87672
	94718
	96078
Harrington B W	91481
Harrington E G	88480
Harrington G P	88634
Harrington G W	88220
Harrington H D	11422
	47758
Harrington J B	48283
	64917
	90198
Harrington J F	682
	49155
Harrington L	17597
	44688
	78822
	80265
	92807
Harrington M M	11046
Harrington N J	17121
Harrington R	17597
	80265
	80266
	92807
Harris A A	21698
Harris B B	64246
Harris B L	62591
Harris C A	48991
	74359
	82362
Harris D G	23494
	59314
Harris D L	64759
Harris E B	62699
Harris E C	85641
Harris E E	22703
Harris E S	26085
	94783
Harris Mrs F	35381
Harris F J T	94580
Harris F L	63891
Harris F W	54646
Harris G	44755
	46991
	80005
Harris G A	12835
Harris G S	12830
Harris H	79438
Harris H C	50040
	58106
	66692
Harris H L	28350
Harris H M	93428
Harris I A	53131

	Item
Harris J	4315
	4990
	15428
	19105
	22937
	23112
	32340
	32521
	41976
	43980
	46190
	51453
	62833
	80267
	84184
Harris J C	78725
Harris J E	8480
Harris J P	44689
Harris J R	59551
	60133
Harris J S	27809
	74849
Harris J T	79706
Harris K	14031
	14600
	31105
	91477
Harris K L	52090
	69552
Harris L	5653
Harris L E	4960
	5643
	15429
	15627
	15993
	16259
	19532
	33288
	42043
	42408
	51806
	60133
	85074
	92239
Harris L R	55013
Harris M	18066
	18153
	19222
	26326
	26367
	37817
	46385
	46532
	55372
	89159
Harris M J	27302
Harris M R	38680
	47489
	47513
	57407
	57607
	64559
	82230
	89692
Harris N A	41486
	75555
Harris P	75467
Harris P L	9436
	54690
	63939
Harris R H	1208
	26687
	29588
	54470
	56838
	57081
	62686
	70722
	79583
Harris R J C	51605

	Item
Harris R R	78511
Harris R S	72282
Harris R V	546
	56397
	72832
	72833
	81343
Harris S	41977
Harris S E	37312
Harris S K	11471
Harris T H	68493
Harris T M	33
	19753
	38352
	56144
	72283
Harris V C	12375
	13570
	13577
	13578
	13590
	13591
	40282
	57938
	58413
	65986
Harris W B	11795
	12335
	38681
	90795
Harris W D	24446
Harris W V	34706
Harrison A D	1971
Harrison C J	35500
Harrison C M	1362
	12759
	20507
	34331
	41714
	44090
	48441
	57230
	68487
	76301
	84185
	85805
Harrison E S	4316
	51002
Harrison E V	61230
Harrison F	70788
Harrison G	53643
	53644
Harrison G F	5218
	15771
	15811
	59642
	61562
	76731
Harrison G J	1290
Harrison H C	63052
Harrison J	8238
	40003
Harrison J A	10434
Harrison J H	47237
Harrison J L	60775
Harrison J M	18582
	70871
Harrison J R	90796
	90797
Harrison J T	85197
Harrison J W	4609
Harrison L	27663
Harrison L S	45527
Harrison P K	52416
Harrison R A	6570
	34332
	34333
	77848

	Item
Harrison R A	77849
Harrison R L	18298
	26562
Harrison R W	14073
	49936
	55373
	91411
Harrison S	23578
Harrison S G	47759
	54193
Harrison T B	62211
Harrison T E	60146
Harrison T H	28751
	77296
Harrison T J	29566
	48284
	54471
	79584
	81240
Harrison V A	61477
Harrison W F	13254
Harriss R W	36226
	90631
Harritt D	82363
Harrod D C	38911
Harrold C E	23160
Harrold E S	1574
	43428
Harrold J W	14074
Harrold L L	49393
	58424
Harron R V	44455
Harroun C	44522
	44727
	54395
Harrow K M	67090
	83537
Harrow W T	4076
Harry J B	11951
Harsdorf Freiherr von	10078
	53509
Harsen T	66156
Harshbarger B	78726
Harshbarger G	57697
Harshbarger K E	76180
	79197
Harston C B	74660
Hart A C	75426
Hart A van 't	54265
Hart B	1610
Hart D	41978
Hart D H	69268
Hart E	6049
Hart E B	63940
Hart F H	33400
	44031
	60219
	84962
Hart F L	44417
	94564
Hart G H	3888
	41822
	50726
	67628
	75865
	83761
	83865
	84233
Hart G S	42529
Hart H C	10600
Hart H V	26688
Hart J A	95980
Hart J H	95338
Hart J R	87858
Hart J S	3728
	22734

	Item
Hart L	14181
	45776
	83077
	84874
	85244
Hart M L 't	81987
	81988
	82810
Hart O	29712
Hart S A	14075
Hart S H	18914
	27333
	27334
	27335
	88249
Hart V B	6980
	27630
	55066
Hart V L	91010
Hart W E	53052
Hartard Ebert M	18091
	18403
	28127
	35417
	37313
	59001
	87589
	95506
	95719
Harte C	12201
	47826
Harte W H	53547
	70636
	87026
Härtel O	12336
	14640
	29275
	72972
	73328
Hartgerink L	62700
Hartig H	21699
	49643
Hartigan D	31665
Harti F	75539
	92042
Harti H	25913
	36607
Harti S	69906
Hartley C	22562
Hartley C W S	25289
Hartley F	80269
Hartley J C	78119
Hartley R S	70395
Hartlieb R	127
Hartline B F	45424
	62605
	79398
Hartline H	87409
Hartmair V	2193
	29161
	47956
	82502
Hartman A J	27484
	46099
	80032
Hartman A W	58861
Hartman C F	14807
Hartman E	64423
Hartman H	36113
Hartman K	15652
Hartman L	14138
	54723
	54724
	62917
	87833
Hartman L A	75025
Hartman M T	5942

	Item
Hartman R C	33401
	53252
	94277
Hartman R D	13255
	21093
	28410
	82131
Hartman R P	34845
Hartmann	27485
Hartmann A	34821
	2104
	1026
Hartmann C	9863
Hartmann E	9924
	46265
	71421
	71837
Hartmann F	35154
	50392
	91658
Hartmann F K	91750
Hartmann G	84963
Hartmann H T	1866
	57501
	65384
Hartmann K	42948
Hartmann M	75866
Hartmans E H	36630
	86425
Hartnell W	76049
	92611
Hartnett E	14182
Hartnett W	34334
Hartog C den	12071
	19572
	46960
	72095
	87102
	89009
Hartog F	46266
Hartogensis H	2358
	49272
	49273
	74272
Hartong B D	17755
Hartroft W S	19323
Hartshorne J C	27219
Hartsook M D	46662
Hartsook P	63716
Hartsough G R	15634
	51438
	59882
Hartsuijker K	11800
	28752
	38162
Hartung A M	42434
Hartung E	34334
Hartwell D	6526
Hartwell R R	7557
	44531
	46262
Hartwell W V	26015
Hartwick J M	52020
Hartwieg	17002
Hartwig H B	34921
Hartwig O	54607
Hartwigk	33126
	33289
Hartwigk H	50462
	68055
Hartzell A	78120
Hartzler E R	45307
Hartzog D	55655
Hartzog M A	21094
Harukawa C	93413
Harupa E	53132
Harva O	50579
Harve P	50151
Harvey A L	32630
	95275
Harvey C	1363
	90344
	92370
Harvey D G	65924
Harvey E M	45341
	87482
Harvey E N	77164
Harvey E W	11056
Harvey G R	8705
	44431
	53587
	78743
Harvey H G	52362
	66339
Harvey H L	38753
	47581
Harvey H R	48785
Harvey J	34893
Harvey J L	18032
Harvey J M	430
	28976
	70555
Harvey J R	9531
	45853
Harvey M J	60475
	85250
Harvey N	19645
	27631
	56019
Harvey N P	21035
	40004
	48992
	65612
	90798
Harvey P	42228
	73678
Harvey P N	29850
Harvey R G	69469
Harvey W	39484
	57231
Harvey W A	10561
	29276
	40272
	57939
	81530
	82550
	89981
	89982
Harvey W C	69616
Harvey W R	23113
	23114
	28230
	45715
	51003
	76178
Harvey-Cant F S	1972
Harvill A M Jr	89401
Harvin R L	22663
	41535
Harwell E M	86569
Harwood L J	5453
	24023
	44258
	78594
Harwood L M	95847
Harwood L W	91287
Harwood P D	16282
	23927
Harz K	68944
	85961
Hasanain S Z	81126
Hase A	43185
	72556
Hasegawa K	49274
Hasel K	22243
	50211
Haselauer S	84964
Haseler J	13691
Haseler R E	12628
Haselton S E	13256
Haseman L	5873
	34014
	43792
	56839
	93421
Hash T R	57942
Hashe J W	34554
Hasheider M	46898
Hashemite Kingdom of the Jordan Dept of Lands and Surveys	88481
	88835
Hashimoto G	38441
Hashimoto H	91193
Hashimoto N	81740
Hashimoto T	31047
Hashioka Y	28753
	28884
	29060
	38806
	64344
Hashizume T	42590
Hashmi Z A	55762
	56109
Haskarl L	95982
Haskell G	638
	20307
Haskell R J	24817
	1575
	28754
Haskell S R	60476
Haskell W H	8116
	15519
	17975
	17976
	23428
	24818
	26172
	32726
	32839
	35818
	35819
	35820
	42278
	44374
	51307
	51308
	51309
	52091
	53771
	53950
	53951
	59657
	59767
	60559
	60560
	68415
	76883
	87069
Haskins A L	73633
	92568
Haskins C P	34514
Haskins F A	89894
Haskins R H	20449
Haskins W D	54266
Hasl	9269
Haslam R J	1538
Hasle G R	64281
Hasler A	868
	13940
	30770
	91513
Hasler A D	11577
Haslund O	58845
Hasnain S Z	24361
Hass H B	6053
	16283
Hass H C	88191
Hass L H	40872
Hassall A	23026
	59389
	67422
	75952
Hassan H A	79131
Hassan M N	58107
Hassan W E Jr	29099
	47760
Hassanein M H	6166
	34015
	52240
	77405
	77407
Hasse	78452
Hassebrauk K	47514
	56020
	64441
	72684
	72685
Hassel B	36563
Hasselbach	38613
Hasselbach R	431
Hasselbach W von	44539
	53510
	53511
	62105
	69589
	78752
	86570
Hasselbalch H	25465
Hasselmann E	71956
	71957
Hasselmann W	55656
Hasselrot T B	61124
Hassenein M H	77406
Hassenkamp W	66954
Hassenstein B	16566
Hassenteufel W	75361
Hassett C C	6591
Hassewer W L	21096
	90799
Hassid W Z	64888
Hassler J B	18299
Hassler L	77113
Haste G R	37711
Hastie C N Jr	21037
Hastie E L	1699
	20892
Hastings A	11964
Hastings E	43887
	78228
Hastings J W	48162
Hastings L	11656
	11801
Hastings R	29888
Hastings R J	47680
	72896
	72897
Hastings W R	20796
	21258
	39662
	40005
	40006
	48664
	49156
Hasty G	54109
Hata K	14904
	14905
	50535
	92093
Hata T	34
Hata Y	43186
Hatch E D	72385
	72386
Hatch M H	6447
	24742
	77746
	93768
Hatch R D	84077
Hatcher E S J	1639
	12337
Hates A & Co	39701
Hatfield R	30498
Hatfield R C	23324
Hatfield S	43187
Hatfield W C	54369
Hathaway C	31976
Hathaway C R	77967
Hathaway D E	19389
	37131
	55214
	88446
Hathaway I L	62301
Hathaway M	72090
Hathaway M L	11136
	46957
Hatheway C Jr	21098
Hatheway W H	66819
Hathorn P	13257
Hathorn S Jr	45179
Hatt H H	14861
	26932
	54072
Hattangady S R	5049
Hattemer	22244
Hattersley M C	4772
Hattingh E G	96126
Hattingh E R	91030
Hattori M	90498
Hattori S	202
	11535
	28631
	56296
	72447
	87360
	89402
Hatusima S	47238
Hatzfeld G H	76950
Hatziolos B C	4699
	15480
	76385
	76390
Hau H	41715
Haubold R	25326
Hauck	34922
	37492
	40666
	54926
	62521
	73548
	73549
	90345
Hauck E	23524
	76576
Hauck H M	47006
Hauck K	30716
Haudiquet R	33867
Haudricourt A	38442
	64110
	64111
Hauduroy P	83866
Hauer	57013
Hauer E	1364
	10284
	21700
	27255
	40667
	46386
	55374
	65115
	74936

	Item
Hauff W O	93915
Hauffe W	23499
Haug K	61574
Haugberg M	13941
Hauge A G	1973
	30254
Hauge A J	8857
	20980
Hauge S	17930
	87937
Hauge S M	812
	4526
	23815
	23823
	23856
	23887
	60069
	60076
	60108
	76353
	84206
Haugen E	10840
Haugen I	1640
Haugen Ø	49882
	58425
	74735
	80479
Haugh F H	12915
Haughs M A	37592
Haugset A	45528
Haugum O	45529
Haukom A S	31524
	31556
	50185
Hauman L	122
	89313
Haun J R	47957
Haupt	59367
Haupt H	15201
	59848
	92289
	92612
	92838
Haupt H F	22396
Haupt W	8369
Hauptmann K H	86744
Hauptverband für Landwirtschaftliche Buchführung und Beratung	95834
Haus K	47630
Hauschild I	55657
	55658
	72877
	80480
	80481
	88765
Hauschildt P	88084
Hausen H von	40577
Hausendorff E	38207
	41048
	41225
	50088
	58769
	75242
Hauser E	12459
	34770
	49347
	81799
Hauser E R	84449
Hauser H	27486
Haushofer H	46267
	53391
	80761
	95667
	95720
Haushofer J	17756
Hausman S A	34584
Hausmann O P	37195
Hausmann W	50844
	92290
Hausner F	18320
	30952
	47390
Hausner J G	95701
Hauss J L de	54110
	78727
Häusser H	7458
Haussmann G	12760
	21495
	48442
	65116
Haussmann H G	16207
	24385
Haustein E	81477
Hausteiner G	53645
	53646
Hauszer K	1576
	12917
	44301
Haut I C	30027
	36149
Hauth W K	91874
Haution R	83174
Hauver W E Jr	9577
	18715
	54781
Hauville A	62635
Hauszer K	64760
Hauzenberger A	31299
Hauzer K	12916
Hava W C	65613
Havard-Duclos B	14183
Havas L J	796
	12338
	20111
Have J ten	25616
Havelka J	43431
Havemann A R	27726
Havenhill R S	9600
Havens W P Jr	78774
Havermann	25262
	25482
Havermann H	15889
Haversland A	93147
Havighorst C R	53952
	79746
	95383
Havighurst R J	7479
Havis J R	20308
	74273
Havis L	1641
	1746
	47675
	48786
	65426
Haviv A	13007
Hawaii Board of Commissioners of Agriculture and Forestry	38163
Hawaii University College of Agriculture	27031
Hawaiian Academy of Science	55969
Hawaiian Sugar Planters' Association	12871
	29851
	57373
	73679
Hawaiian Sugar Technologists	48612
Hawes E T	50123
	50124
	50235
Hawes I L	16208
	93321
Hawes J E	869
Hawes R N	75556
Hawes W G	59570
Hawk D B	7429
Hawk V	48446
	49969
Hawk V B	47827
	74850
Hawke E L	28351
Hawke J C	78826
Hawker L E	47341
	56503
	64889
Hawkes A D	128
	11472
	11473
	19819
	19820
	28541
	28542
	28623
	30255
	90800
Hawkes H A	6527
	77850
	93862
Hawkes J G	129
	432
	2194
	21259
	74165
Hawkey K	15890
Hawkey K J G	33402
	51693
Hawkins A	95044
	95116
Hawkins B S	57162
	73478
Hawkins C N	68945
Hawkins G A	10691
Hawkins J	68946
Hawkins J M	44662
Hawkins J R	84186
Hawkins L E	12700
	34750
	41716
Hawkins P A	32366
	60147
Hawkins R P	73550
Hawkinson J R	17757
Hawkinson W A	15722
Hawks C D	54777
Hawks E B	72194
Hawks S N	1536
	30901
	39642
	39643
Hawks S N Jr	73695
Hawksworth F G	72557
Hawley I M	93769
Hawley J E	6528
	36698
Hawley R C	50089
Hawley W O	47687
Hawn E J	47485
	47515
Haworth A G	46268
Haworth F	38682
	40962
	40963
	49533
Haworth J P	49679
Haworth M	11043
Haworth-Booth M	1974
	21100
	39663
	57698
	57699
Haws L D	24998
	34515
Hawthorn F	44323
Hawthorn L R	2195
	2400
	30432
	90937
Hawthorne G R	26763
Hawthorne M E	780
	89983
Hawthorne P L	72771
	79470
Hay A	34729
Hay C P	24024
	33127
Hay D C	54824
Hay D G	80482
Hay R	40007
	65688
Hay R C	66667
Hay R J	56818
	73215
Hay T	30256
	57700
Hay W D	57355
Hayaishi O	48163
Hayakawa A	26554
	26980
Hayakawa S	28239
Hayakawa T	8481
Hayama S	18129
Hayase H	72973
Hayashi K	94089
Hayashi R	20607
Hayashi T	46995
Hayashi Y	3302
	39596
Haydak M H	60679
Hayden C A	71756
Hayder R	5811
Hayes	27312
	55604
Hayes A F	17460
Hayes A J	71330
Hayes D L	19336
	80642
Hayes E L	13258
Hayes Father	9864
	18904
Hayes G	49644
Hayes G G	37593
	80162
Hayes H K	48219
	57014
	81478
	81498
Hayes H W	10692
Hayes J B	15891
	24025
	42764
	45713
	51694
Hayes Mrs J E	28177
Hayes J F	25989
	75557
Hayes J M	46805
Hayes K M	25718
	36784
	62983
	79852
	86650
Hayes K W	22056
Hayes M H	23624
Hayes W J Jr	55997
Hayes W W	62803
Hayes Spray Gun Co	34972
Haygood T F	37159
	46156
	46157
	55067
Hayhurst H	85367
Hayhurst J	24026
Hayles W A	69444
Hayn W	42279
	53772
	69988
	86913
	94801
Hayner J H	35382
	44576
	69695
Haynes D L	58955
Haynes D O	69907
	79495
Haynes H J	86346
Haynes J L	39485
Haynes R D	79496
Haynes S	68129
Haynes S K	23847
Haynes W I	3513
Haynie J D	93592
	93610
Hayot H	80163
Hays F A	5322
	5323
	23738
	23739
	33200
	42530
	51531
	60019
	67966
Hays L R	36372
Hays O E	3012
	91149
Hays R L	76050
	85007
Hays W P	8370
Hays W W	61861
Hayse Mrs W	24166
	51832
Hayslip N C	43251
	60930
	68947
	68996
	94100
	94112
Haysom C G	90801
Haystead L	76051
Hayston J T	85244
Hayter C N	89984
Haythorne G V	37201
	80094
Hayward A M	22741
Hayward B	65614
Hayward C L	64595
Hayward E	2922
Hayward H E	2845
Hayward J A	10387
Hayward J J	29713
	69101
Hayward J W	9428
	15083
	15084
	51435

	Item
Hayward K J	34585
	43793
	43794
	43795
	77165
	85962
Hayward L A W	62918
	85373
Hayward L G	78523
Hayward M	65615
Hayward W	21099
	65616
	65617
Hazaleus M H	51059
Hazama H	25968
Hazama M	27256
	80269
	95595
Hazard K	18472
Hazard K F	18473
Hazel L N	41996
	62817
Hazeldine W A	42332
Hazelwood W G	40008
Hazen A G	74715
Hazlet S E	10693
Hazlewood H H	65618
Hazlitt H	25696
Hazod H	57082
Hazu G	56915
Heacox E F	50357
Head A E	3574
Head F S H	54111
Head T P	55375
	67742
	67744
Headapohl M	82739
Headley Mrs F	40009
Heady E O	1095
	10079
	11170
	19223
	23250
	35889
	37662
	54042
	73362
	80026
	80382
	88349
	88466
Heady H F	57232
Heafford P E	43310
Heagy A B	55970
	65968
Heal R E	93414
Heald P J	5670
	5671
	42949
Healey D	58635
Healey K	27663
Health Council of Greater New York Food and Nutrition Div. Committee on Film Evaluation	25585
Healy M J R	72255
	77166
Healy N C	18284
Heaney I H	3863
Heap D	55563
Heard H C	45099
	54043
	62302
Heard W L	30857
Hearn A H	41413
Hearn J C	35890
Hearne C C	64067
Hearty E W J	96091
Heath B	7619
	8672
	9667
	9858
	25624
	35202
	44577
Heath D F	52175
	52176
Heath G B S	24690
	60353
	85567
Heath J P	23496
Heath M	32922
Heath M K	75867
Heath O V S	19754
	20309
	64124
	64761
Heath R C	43981
	69102
Heath R G	21440
Heath V	84493
Heath W E	80483
Heathcote J G	39235
Heathcote W R	2640
Heatherington W	43658
Heatherly L J	92043
Heathman J E	11284
Heatley N G	38340
Heaton E K	79530
Hebb E A	14638
Hebblethwaite C H	3575
Hebblethwaite P	69293
Hebden A	24534
	52241
	60680
	93595
Hebel W T	3050
Heberer G	11379
Heberle R	27760
Heberlein D G	28212
Heberlein H	69209
Hébert J	30771
Hebert L P	82538
	89475
	90472
Hebert P E	28482
Hebert T T	376
	64458
	72698
Hebrun H	25263
Hechelmann	7269
Hechelmann H	94468
Hecht H	76302
Hecht O	52533
	94188
Heck M C	54778
Hecke H	56655
	58840
Hecke W	55465
Heckelbacher	35091
Heckelbacher	53292
Heckenberger H	36197
Heckendorn W	36871
	95465
Hecker	31300
	41979
	42280
	53005
Hecker E	50942
	53253
	67743
	79012
Heckl A R	44233
Heckl R	44316
	53254
	69445
	86452
Heckman I	13259
Heckman J H	10885
	10970
	13426
	46806
	46807
	46808
	46809
	46810
	80561
	88869
	96050
Heckmann	74980
	77408
Heckstall-Smith H W	2923
Hector J M	56840
	73160
Hedayetullah S	10388
	10389
	52215
Hedden G W	14148
Hedden O K	61504
Heddergott	89501
Hedeen R A	85574
Hedegard B	78542
Hedemann-Gade E	22315
	50314
	91642
Hedge A M	3051
Hedges H	19414
	37940
	44456
	46810
	87590
Hedges T R	63385
	63386
	88350
	94620
	95721
Hedin L	64988
	73551
	90156
Hedlin R	9200
	15275
	33771
	42281
	54779
	79658
Hedlund E C	62919
Hedlund G W	46449
	55068
Hedlund I	41575
Hedlund K S	32958
Hedlund L	56181
Hedrick F W	76447
Hedrick L R	53571
	84099
Hedrick R M	74423
	82670
Hedrick R R	62212
Hedrick T I	86991
Hedrick Mrs W K	51358
	84494
Hedrick W P	46041
Hedwig-Berel K	6888
Hee L van	30664
Heebink B G	22750
	75549
Heeger E F	13692
Heek H M van	65293
Heeley W	14248
Heemstra L C	5324
	23928
Heep P	87319
Heer J F	4077
Heerden S J P K va	34880
Heerdt W	5943
Heermanc E L	14521
	59062
	83271
Heermann	5735
	5736
Heermann K H	33657
Hees R van	80383
Heesch A	26086
	44906
	54725
	70062
	79798
Heese R	28264
Heesen G	49157
Hefer S	89985
Heffelmann	8014
Heffernan C A	18686
Heflebower R B	17647
Hefti J	80270
Hegardt S	22212
Hege H	55659
Hege R	25437
	53053
	69228
	86153
Hegedus A	95722
Hegel D v	3337
Heger	71422
Heger A	75061
	91698
Heger E	76884
Hegg M	69908
Heggdal R	12918
	48665
Heggestad H E	82119
Hegi G	72387
Hegsted D M	76852
	76853
	76854
	96127
Hegwood M P	12138
Hehm R	92058
Hehn E R	1189
	12629
Heiberg H H H	14458
Heick F	66520
Heid F J	22588
Heid J L	8673
Heid V	27681
Heide R van der	29891
Heide R von der	62213
Heidegger E	59315
Heidema	58918
Heidenreich	78512
Heidenreich C J	93229
Heidenreich E	5944
	77221
Heidenreich H	22058
	50058
	53054
	61572
Heidenthal G	24995
Heidermann	6167
Heidermann K	6168
	34016
Heidrich	23740
	51532
	60020
Heidrich H	91751
Heidrich P	44994
Heidt A A	9563
Heie O	52640
Heier M	10285
Heigener H	11327
Heijkoop A J	82212
Heikens	42765
Heikens D	45182
Heikens H	5154
	67967
Heikertinger F	76567
	93770
Heikes P E	74736
Heikinheimo L	41049
	41050
Heikinheimo O	3224
	24933
	58770
	75673
Heikurainen L	38856
Heil G L Jr	62853
Heil H	19755
Heilbron Sir I	17758
Heilbronner A	63892
Heilemann J	7882
	35628
Heiler F	32947
	61297
	68117
Heiling A	47628
	72869
	72870
Heilman H H	43982
Heilman J	27487
Heilmann A	50315
Heilmann U	64826
Heilmeier F	69805
Heilweil H G	77851
Heilweil I J	77851
Heim G	4540
	26173
Heim J	20002
Heim P	89832
Heim R	259
	19878
	28682
Heim de Balsac G	65236
	79799
Heim de Balsac H	38164
	42141
Heiman J	95045
Heiman V	23831
Heiman-Hershberg L	72845
Heimann H	44027
Heimann M	81581
Heimans E	130
	89204
Heimans J	96210
Heimburger	2196
Heimendahl O	55590
Heimeran E	20797
Heimerdinger G	81582
Heimlich A	42241
Heimlich A T	90802
Heimpel L G	2924
	7370
Heims A	78169
Heims W	55660
	71838
Heimsath H	54988
Heimsch C	23100
	23136
Hein C E	94345
Hein G von	27727
Hein M A	37590
Hein R E	5303
Heinänen V L	25037
Heine	27313
Heine N G	10694
Heinecke E	70063
Heinecke H	93593
Heinecke K	10695
Heinemann C B	54654
	54655

	Item
Heinemann P	260
Heinen E J	69553
Heinen J M Jr	86639
Heinen P	14829
Heinen R	21372
	45929
Heiner M K	35099
Heiner O H	44264
Heinicke W	4611
Heinig A	33063
Heinig K	12170
Heinig P	63502
Heiniger A	3889
Heinisch	93771
Heinisch K F	36852
	45920
	71071
	95439
	95440
Heinisch O	1096
	20310
	39071
	39611
	57374
	65254
	74360
	92203
Heinkel F V	44340
Heinl K	58932
Heinl L F	7145
Heinrich	46269
Heinrich C	41600
Heinrich E C	595
Heinrich G	16902
	68886
Heinrich H	59658
	65330
Heinrich H C	78728
Heinrich K	14774
Heinrichs D H	29797
	57233
	65090
Heinrichs P	20981
Heinrichs W	3542
	3543
	3639
	14703
	14704
	14705
	14706
	14707
	14708
	31828
	31829
	31830
	31831
	31859
	41287
	41288
	41289
	41290
	41445
	50406
	50407
	67020
	67021
	67022
	75392
	83467
	91916
Heinsdijk D	49517
Heinselman M L	58618
Heinsohn de Brigard E	5325
Heinsohn de Brigard J	4612
	23579
	32727
	33674
Heintze S G	2570
Heinz F C	25720
	44502
	44578
	61796
Heinz W B	88019
Heinze	69694
	95055
Heinze E	42850
Heinze G	67968
Heinze K	47631
	77952
Heinze P H	18258
	39048
	45308
Heinzel A	69446
Heinzelman D C	9429
	70971
Heinzl E	2925
	69806
Heisch R B	85568
Heise A	5239
Heise A C	94901
Heiser C B Jr	1496
	5287
	12174
	13260
Heisey H	320
Heisey J H	30028
	30029
Heisey L V	11380
Heisig C P	28265
Heiskanen V	41446
	41447
	41448
	41449
Heisler E G	45425
Heisley M F	31359
Heiss E A	79497
Heissmann E	76694
Heit C E	19270
	40010
	40191
Heit C H	60827
Heitman H Jr	16092
	16102
	24259
	33772
	53238
	77143
Heitmüller H H	91817
Heitshu D C	69331
Heitz G A O	48180
Heitz J E	94648
Heitz T W	54608
	54780
	62986
Heitzer J I	58127
Heizer E E	4317
	76420
	78595
Heizmann	4078
Heje K K	47014
Heki S	49968
Hekker T	79273
Hekkert G J	82616
Helberg	94291
Helberg H W	92839
Helbig K	23625
	51207
	66808
	67822
	80436
Helbing W	78543
Helburn N	40873
Held G	87591
Helden P J J van	17269
Helder R J	61397
Heldgaard V	39009
	6169
	6170
Heldreth H	78310
Helenelund K V	66120
Helfenbein H F	21938
Helfenberger H	94519
Helfer R	95723
Helferich B	87361
Helgebostad A	15628
Helgesen J A	3303
Helgesen L	3225
	14601
Helgeson E A	57940
Helgesson N	57083
Helin A F	63053
	71072
Heling	4991
Hell	34881
Hell J C Van	93916
Hellberg A	67555
Hellbo E	72773
	73552
Hellbusch C	32522
Hellbusch C E	36502
	50943
Helleday T	32246
Hellen	22300
	30144
Heller C	94317
Heller C L	78780
Heller E	25534
	89601
Heller F	44047
Heller R	253
Heller R C	25038
Heller V G	43257
	51761
Hellermut H	55661
Hellgren A	59872
Hellige Inc	21527
Hellinga	14138
Hellinga F	66521
	74737
	74738
	82985
	82986
Hellinga G	91482
Hellings M L	13693
Hellis H D	70567
Helliwell E H	45180
Helliwell G	70396
Hellman E A	25039
Hellman K	15087
Hellmers E	529
Hellmich K	70115
	70221
Hellmund A	8115
Hellmut Z	70397
Hellmuth F	7270
Hellriegel E A	86229
Hellström P	1365
Hellwig C A	60964
Hellwig E	38208
Hellwig H	60509
Helly J	74361
	80050
Hellyer A G L	2025
	21101
	21994
	40011
	48666
	48993
	57701
	57702
	65619
	73989
	90803
Helm C A	18735
Helm G W v d	21260
	40802
	46099
	48850
Helm R	60608
Helm ..c W	25400
	28266
	43311
	43515
	43796
	43877
Helman M B	41980
	84224
Helmboldt C F	15346
	51208
	60136
	84284
	85251
Helme J	51410
Helmenius A	4613
Helms W S	65620
Helsel P E	40197
Helsel W G	70531
Helson G A H	559
Helton A W	89602
Helvey T C	79639
Helwig D M	24136
Hely F W	7105
Hemberg T	12339
	56841
Hembree E E	54112
Hemer	64442
Hemler V H	69696
Hemme R	66522
	66523
Hemmerly J	12272
Hemmert-Halswick A	15677
Hemmes G D	70116
Hemming C J	95983
Hemming E S	65621
Hemming F	5886
	6651
	6689
	33806
	55971
	55972
	55973
	55974
	55975
	55976
	55977
	60510
	68608
	68609
	77167
	77168
	85963
	93322
	94090
Hemming H G	15
Hemmons L M	64674
Hempel F	3381
	91555
Hempel G	77675
Hemphill D D	30081
	39880
	40283
	74274
	90679
	91031
Hemphill F I	54398
Hemphill J Jr	51399
Hemphill P V	7576
	9019
	25697
	62502
	87398
Hempstead F J D	42153
Hems J	8625
Hemsen T	67790
	67791
	67792
Henacker F	9346
Hénaff	92291
Henao J	30953
Henao Jaramillo J	13694
Henault H	70398
Henault N	45854
	87938
	95384
Henbest H B	47971
Hench K W	39722
Henche A	34017
	77409
Hende A van den	2571
	16262
	39224
	40457
	81762
Hendecourt Vicomte R d'	4231
Hendel C E	8674
	8769
Hendershot B	57941
Hendershot E W	35773
	53822
Henderson A E	45181
	87258
Henderson A F C	2764
	2765
	13832
	21594
	30829
	49432
	74739
Henderson B W Jr	42253
Henderson C F	16581
	33931
	77722
Henderson C R	41981
	83702
Henderson C W P	30082
Henderson D C	51577
Henderson D M	89685
Henderson E L	71839
Henderson E S	65856
Henderson E W	15723
	23741
	24027
	33128
Henderson F C	40334
Henderson G R	42313
Henderson G W	92613
Henderson H	89010
Henderson H B	8059
	44863
Henderson H J	11038
Henderson H L	31954
Henderson H W	18404
Henderson J	1522
	30165
	59659
Henderson J A	67911
	85112
Henderson J H M	81583
	81584
Henderson J L	24743
Henderson J M	34405
Henderson J R	58176
Henderson L	17676
Henderson L H	25213
	65255
Henderson L S	93415
Henderson M C	43983
Henderson P I	70222
Henderson P J	15633
Henderson R	34413
Henderson R E	80918
Henderson S M	27004
	35383
Henderson T	53449

	Item
Henderson W	23495
	23929
	42666
	60148
	68056
	76811
	84515
Henderson W H	42766
	76303
Henderson W J	64433
	81320
	81321
Henderson W M	59999
	75868
Hendler L M	7883
Hendrichs A	78544
	86495
Hendricks A J Jr	12072
Hendricks B C	53528
Hendricks G A	27961
Hendricks J A	48891
Hendricks J E	39727
Hendricks J W	59568
Hendricks S B	39018
	39140
	40452
	49645
	58097
	89931
Hendrickson A H	49883
	49884
	58426
	74740
	74741
Hendrickson B H	39486
	66664
Hendrickson R F	45318
	70637
	95073
	10886
	19415
	37941
	53512
	53513
	63792
	71958
Hendrickx F L	2458
Hendrickx H	18015
	87070
	87115
Hendrie D S	71423
Hendrikse	66708
Hendrikse A C F	83160
Hendrikse J	4079
	41982
Hendrix J W	19963
	47958
	81152
Hendry C G	76052
Heneberry W H	55466
	66524
Hengl F	78887
Hengl R	65462
Henglein F A	14284
	45990
Hengst	50316
Hengst M	7459
Hénin S	13746
	21517
	21587
	30824
	66169
Hening J C	45426
	61720
Henington V	3689
Henisch G	24028
	68118
Henk H J	35987
	94952
Henke K	68948
Henke L A	32266
	80339
	92327
Henke W	76053
Henkel H	40335
Henkel W	91818
Henkens C H	11967
Henley E J	26164
Henley J T	79439
Henley R R	83867
Henmi T	89502
Hennaux L	50727
	51894
Henneberg H F	21861
Hennecke H	26947
Hennecke K	75272
Hennelly J P F	63387
Hennepe te	33403
	33404
Hennepe B J C te	42767
	92998
Henner J	11996
	38683
	77953
	89503
Hennerich G W	8060
Henness K K	24386
Hennessey T E	691
Hennessy E	46612
Hennicke	95145
Hennig R	72686
	91681
Hennig W	6529
	60971
	68743
	93863
Hennigs von	31378
Henning J	16382
Henning M W	5672
	92614
	93165
Henning P H	36503
Henning W L	51306
	51783
	78395
	87210
Henninges von	58268
Hennings	59947
Henningsen	73990
Henningsen Mrs H G	
Henningsen N	1975
Henningsen W	7349
Henningson R W	79093
	86992
Henno J	70448
Henny M	21102
Henrard C	85740
	93864
Henrard P	65969
	68494
	85368
	91514
Henri-Robert P	63054
Henrich M	64921
Henrichs A	46270
Henrici	19224
	27810
	37663
	37664
	80384
	88636
	95901
	95902
Henrici M	80919
	92204
Henriet J	13579
Henriet L	50923
Henriksen A	49433
Henriksen H A	28755
	31605
	66934
	66935
	66936
Henriksen K	36306
	45469
Henriksson A	4477
	4773
	15276
	15351
	15353
	51310
	51348
	76304
	84078
	86311
Henriksson E	12340
Henriksson L E	20311
	47761
Henriot	20982
Henriques E	7410
	8236
	94278
Henriques R	17416
Henry A H	23906
	76788
Henry A W	28885
	39341
Henry B G C	53588
Henry B W	14249
	93416
Henry C G	70912
Henry C L	42601
	84822
Henry D L	27489
Henry E L	27336
Henry E M	12761
Henry J	88489
Henry J N	60354
Henry K M	1112
	80686
Henry L K	80968
Henry M	33003
	85252
Henry M G	1976
	65622
Henry P	56842
	66060
Henry T	65117
Henscheid C	90804
Henschel H	76902
Henschke W E	62844
Hense	46533
Hense U	94180
Hensel R L	12837
Hensel V	63565
Henseler P	14830
Hensen T	63503
	75767
Henshilwood J	21862
Hensill G S	6050
	33929
	40284
Hensler	44756
Hensler K	86957
Hensley G S	27962
Hensley H C	69590
Hensley M L	89135
Henson C	71239
Henson F A	69525
Henson H	43911
Henson L	81989
Henson P R	2766
Henson W R	6789
	33807
	58846
	61196
Henss E	89986
Henter	88607
	88637
Hentges J F	92436
	92691
Hentges J F Jr	51967
	68309
Hentola Y	15002
	32160
Hentschel K	8482
Hénuset O	8061
	62106
Henze	22374
Henze O	47391
Henze S	67835
Hepburn G A	43188
	43797
	52783
	77222
Hepburn R G	46663
Hepler J R	21324
	49225
	74166
	74167
Hepler J V	96020
Hepler P R	40197
	56512
Hepp D R	91659
Hepper F N	28543
Hepple L M	27921
Heptia R	1523
Heptia R	2572
Hepting G H	11657
	20003
	33868
	36684
	47338
	89453
Heqvist K J	85904
Herb S F	87832
Herb T	24088
	42851
Herb Society of America	40336
Herbert C	90805
Herbert D A	1577
	1642
	28411
	29983
	30257
Herbert J	63974
Herbette F	9601
	27057
	27058
	27059
	27060
	36853
	45921
	54826
	63055
	63849
	71073
	79887
	87995
Herbignat A	75143
	91660
Herbolsheimer A	6171
	77410
Herborn A W	66620
	74851
Herborn O	9726
Herbst	77411
Herbst J H E	22652
	92144
Herbst M	1977
	90806
Herbst W	56110
Herbsthofer F	25349
	44091
	86154
Herbulot C	17003
	17004
Hercher P	64989
Hercules Powder Co	24387
	33869
Hercus C E	28169
Herd C W	70723
Herde J d'	29037
Herder P C den	69989
	89058
Herdt J R	4614
Heredia H H	18405
	36373
	58024
	62380
	83300
Heredia Stratt R	88250
Hereford Herd Book Society	4318
Herfel	70097
Herfeld T	71171
Herford G V B	77223
Herforth	48443
Herfs A	78271
Hergert H L	41626
	67219
Herin	51004
Hérin V	1366
Hering E M	43516
Hering G	9757
	38209
	86617
	88766
Hering M	52029
Hering W	27490
	37314
	46271
Heringa B	87141
Heringa J W	77297
Heringa K	52641
Heringa P K	14423
	14424
	14425
	14426
	14427
	14428
Heritage C C	83656
Herlemann H H	3143
	78888
Herlong F W	46798
Herman D	44003
Herman H A	15111
	23115
	76347
	76412
	76430
	84187
	92538
Herman L G	35384
Hermandades Sindicales de Labradores y Ganaderos	71424
Hermann A	22553
Hermann F J	11475
	72388
Hermann H	84516
Hermann L	65623
Hermann O	33723
Hermann S	24535
Hermann Z	70399
Hermans J M	91948
Hermans P H	45182
Hermant E	64443
Hermelin P R	6502
Hermes	88351
	88352
Hermes A	37942
	80164

	Item
Hermes E	86651
Hermida E V	14261
	49646
Hermie A M	26368
Herminghaus H	9445
Hermosura S R	50944
Herms H	4884
Hernandez A	49349
	49394
	57354
Hernandez C C	91303
Hernández E	7106
	44314
	68288
Hernández L	63190
Hernández M	7860
	21939
Hernández R	16568
Hernandez T P	2228
	66006
Hernandez V C	19606
Hernandez Agosto M A	21940
Hernández Carabaño H	3052
Hernandez Corzo A	19049
Hernández-Gutiérrez F	87751
Hernández Luna R	16545
Hernández O J	16831
Hernandez Roa A	4992
Hernández Robredo L	27220
Hernández X E	12073
Hernández Zubiate A	25586
Hernes O	81854
Herold E	73161
	77412
	77954
	78025
Herold F	15616
	42392
	72687
Herold K	77413
Herold T	68610
Herold W	16903
	89083
Heron A M R	43798
	43799
Heron D	88533
Herout	4941
Herout V	62960
Herouville H d'	9021
	62701
Herr F	30030
	53028
Herr W M	45939
	54685
Herrbach E F	56392
Herre A W C T	56339
Herre H	13261
	72389
	80969
	80970
	80971
	80972
Herreid E O	44800
	69990
	69991
Herren	94279
Herrent P	8483
Herrera M	64762
Herrera T	89774
Herrera Aranguena J M	85086
Herrera Baez M D	70724
Herrero Egaña M	82185
Herrero Garcia M	13008
Herrick A M	75427
Herrick C A	76819
	84861
	84928
Herrick E H	5326
	33102
	42667
	60149
Herrick E L	18092
Herrick J	84079
Herrick J B	15430
	32523
	32728
	32729
	41983
	51108
	59660
	76305
	83868
	83869
	92437
Herrick J F	45427
	86571
Herrick J F Jr	7503
	18321
	70669
	94268
Herrick L W	42768
Herrick L W Jr	51695
Herring E M	6773
Herring G C	84010
Herring J L	24934
Herrington B L	5126
	7977
	17878
	53773
	69991
Herriot R I	31203
	40874
	40875
Herrlein H	5599
	33044
	59316
Herrlinger F	29467
Herrlinger R	87854
Herrmann C A	7540
Herrmann E	47516
	50358
Herrmann F	37315
	37316
	88870
	95984
Herrmann H	23116
Herrmann L	70866
	79073
Herrmann L F	35725
	53910
Herrmann S	31699
Herrmann W	52363
Herrold M	59849
Herron J C	6448
	68656
	93796
Herron P W	43349
Herrström G	6715
Hershberger T	26850
	67357
Hershkovitz A	57453
	73862
	80271
Hershkovitz E	90591
Herskovits M J	27811
	71767
Herskowitz I H	6530
	16698
	24819
	77861
Hertel F	1612
	12935
	13262
	30258
	73991
	74168
Hertel J	55453
	60220
	93067
Hertel K L	18093
Hertel R J G	47709
Herter G	38527
Herter K	22938
Herter R	5812
Herter W G	89258
Hertig M	16683
Hertrich	4774
	22245
	23429
	94280
Hertrich W	65624
Hertwig H	2459
Hertz E C	36872
Hertzsch W	746
Herut Z B	64918
Hervas A	15944
	24098
	25113
Hervé P	43443
	60829
Hervey A	41
	80884
	89181
Hervey C	34822
	53102
Hervey G E R	65917
	85369
Hervey J D	46811
Hervey M C	76245
	76400
Hervey R J	1291
	66340
	91304
Herweijer S	19018
Herwin E C	1810
Herz	19337
Herz H	62021
	70150
	86958
Herzer F H	79142
Herzer H	92840
Herzfeld H	44757
	62137
Herzmansky F	26910
	54683
Herzog A	7155
Herzog H	68289
Herzog T	89403
	89404
Herzog W	75176
	75321
	83241
Herzogenberg F von	68310
Herzogenberg-Salem Freiherr von	43007
Hes J W	1524
	11802
	12341
	29277
	54895
	89603
	90473
	95507
Heseltine M M	96128
Heske F	41100
	55216
	75393
Heslop-Harrison G	11474
	16832
	43800
	47239
	52642
	80920
	85844
Hesmer H	22301
	58771
	75144
	75273
Hesnard J	94391
Hess	93594
Hess A G	82056
Hess C L	83665
Hess C W	5454
	67858
Hess E	34018
	42668
	75865
	83451
	86745
Hess G	27963
Hess H	12550
	28683
	41921
	48180
Hess K	79585
	87592
	87593
Hess N	39342
Hess P	37818
Hess Q F	65986
	66987
Hess R	92044
Hess R D	88552
Hess R W	41536
	59063
	83556
Hess W R	4615
Hessayon D G	21555
	64763
Hessberg H v	16383
	24536
	34019
Hessberg H von	93596
	93597
Hessberg von Hesse	77414
	83202
	88046
Hesse C O	29984
Hessel F H	8371
	18033
	26284
Hessel J A	54472
Hessel S A	25063
	68974
	94091
Hesselbarth G	17005
	34460
	34586
Hesselman H	56843
Hesseltine C W	47517
Hesseltine W R	4319
Hessler L E	54113
Hester D A	31779
Hester E F	24892
Hester J B	2573
	13467
	21261
	39273
	40578
	48220
	48221
	49158
Hester J B	49647
	49648
	57832
	73363
	91305
	91306
Hester O C	36788
Hesthamar T B	41717
	59571
Hestrin S	20211
Hetherington E	13263
Hetherington E E	48994
	65625
	65626
	73992
	90807
Hetherington E J	23430
Hetrick L A	69033
Hettich A	35501
Hettinger R	17340
Hetzer H O	24225
Heuberger J W	38577
	38620
	38621
	47392
	47562
	47563
	56541
	64378
	81244
	89604
Heuch I C	7884
Heuck C P	65627
Heuckmann W	95028
Heuell	14429
Heughan J K	46067
Heumann W	74474
	74475
	74476
	74477
Heupke W	21580
	21581
Heuren F C van Jonkheer	321
Heus J G de	15085
Heuser E	3789
	3790
Heuser G F	5240
	15783
	23833
	23920
	33201
	33202
	33203
	33248
	33405
	42591
	51665
	60079
	76843
Heuser O	20488
Heuser O E	55376
	71546
Heusghem C	4858
Heusser D	73320
Heusser H	76616
	76631
	76645
	84672
Heutte F	65628
Heuvel C v d	5455
	23930
	35069
	68119
	76695
Heuvel R C vanden	40460
Hevia L	1180
Hewes L	28412
	49885
Hewes W E Jr	76812

	Item
Hewetson C E	3182
	91682
Hewetson F N	30545
	47393
	47959
	48787
	49275
Hewetson R W	4478
Hewitt A C T	59572
	76181
Hewitt B R	74866
Hewitt E	79342
Hewitt E J	12342
	12343
	12344
	48164
	56844
	89987
Hewitt F M	52711
Hewitt W B	433
	8838
	11997
	47518
Hewitt W R B	6820
	68214
Hewlett A M	63107
Hewlett P S	6051
	43264
	60830
	68495
Hewlett R	46812
Hey A	38782
	89745
Hey D	63975
Hey G L	5945
	6052
	13264
	16209
	20312
	24691
	38685
	68611
	77620
Heybach G	11658
Heyde K F	61647
Heydemann	1578
	1579
	95049
Heydemann F	17006
Heyden D	31557
	66764
	66765
Heyden U	58956
Heydt	4080
Heydt G	8237
	44925
Heyelmann F	20928
Heyer	86155
Heyerdahl J P Jr	22171
	41081
Heykoop A J	20929
Heyl E	25721
	44579
Heyl O	53006
Heyman E	72044
Heyman J	40668
Heymann H	46922
	58744
Heymann-Herschberg L	29278
	66341
Heyn A N J	87211
Heyn G	37317
Heyrovský L	43444
	85642
Heyse T	63620
Heywang B W	03204
	42592
	76745
Heyward F	66766
Heywood C G	9430
Heywood R	36374
Heywood V H	80973
Heyworth Sir G	87855
Hiatt C W	32341
Hiatt G	13265
Hiatt R M	39487
Hiatt V G	25609
Hibbard A D	72558
Hibben R C	7885
	17830
	25914
Hibbert D	9668
Hibbert G	42531
	42769
	84765
	84875
	94965
Hibbs J E	4616
	15369
	15370
	23214
	42057
	42058
	63953
	76334
Hibbs R A	17879
Hibiya Garden Bur	30259
Hibon J	2767
	40916
	49649
Hickey J C	28756
Hickin N E	16569
	43912
Hickinbotham D P	68007
Hickman B B	84857
Hickman C J	434
Hickman D D	47960
Hickman I E	62780
Hickman J M	77224
Hickman J S	83610
Hickman J W	5298
Hickman R A	69638
Hickman V V	52364
	52365
Hickmann E	88945
Hicks E W	69697
	79707
Hicks F W	19713
Hicks G T	68269
Hicks J S	9532
	24029
	42770
	42771
	51696
	60221
Hicks J W	44848
	88482
Hicks O C	76448
Hicks Sir S	14306
Hickson H E	3615
Hicock H W	31467
	32115
Hicock R	30546
Hidalgo J	20288
Hidalgo Fernández-Cano L	913
	7761
	44571
Hidayatullah S	10887
Hiddema J	1190
	1268
	20489
Hiddink G J	17007
Hide R H	3382
Hidy P H	28409
Hiedl C	45530
Hiehle K	31106
Hieke E	94243
Hield H Z	12470
	30006
	30607
	48083
	73271
Hiele F J H van	49276
Hiele T van	8858
	45428
Hiemeleers J	39072
	1747
	13044
	20845
	20846
	28757
	47762
	89988
Hiemer F L	58173
Hienton T E	69470
	93356
Hierholzer	49821
Hierholzer O	16147
	25401
Hieronymi E	5689
	59317
Hieronymus T A	45109
	53450
	54726
	79586
Hiestand W A	16747
	33290
Hietaranta M	44996
Higaki S	42066
Higashi H	28225
Higbee E C	80407
Higbee V B	25722
Higdon R J	47961
Higgin M E S	62381
Higginbotham A L	40285
Higginbottom C	61478
Higgins A G	52242
Higgins B	53518
Higgins E C	39418
Higgins F	26689
Higgins F H	2864
	12571
	12762
	25290
	34882
	45101
	52958
	86263
Higgins H G	25989
	75557
Higgins J	92912
Higgins K B	72559
Higgins L A	84101
	84431
Higgins S H	85205
Higgins T C	61609
Higgons D J	58108
Higgs C	15520
	17230
	17231
	34771
	39488
	71405
	78344
Higgs E D	1164
High J E	51697
Highlands M E	49128
Highsmith R M Jr	37493
	71547
Hightower B G	6357
	16487
	43378
Hightower D E	93166
Hightower L	66061
Highwood R W	30260
Higley F C	13266
Higley J C	38840
Higley P I	51005
Hignett P G	4479
	15431
	67556
Hignett S L	4479
	59768
	67556
	84080
Hignett T P	3130
	31281
Higuchi T	2613
Higuet P	54473
Hijlkema H W van	46590
Hijner J A	89746
Hikurangi Co-operative Dairy Co	94784
Hilaire père	46664
Hilarides P J	5050
Hilbert G E	7480
	8859
	25738
	26619
	27042
	27043
Hilbert L	19680
	47081
Hilbrich P	33291
	42669
	51619
	60080
	60150
	77298
	92999
Hilchey J D	86031
Hild	83272
Hildebrand A A	28886
	47519
	64357
	72688
Hildebrand C L	50570
Hildebrand E M	64345
	72560
	89895
Hildebrand F H	3304
	75145
Hildebrand M	59850
Hildebrand R	67076
Hildebrande F H	14459
Hildebrandt A C	347
	56905
Hildeman S E	32524
Hilditch T P	9396
	9431
	36711
	36712
	43034
Hildreth C E	86937
Hildreth E A	25686
Hildreth R	20112
Hildreth R C	11968
Hildrum E	29889
	65294
	73716
	80658
Hildyard P	73780
Hiley W E	75274
Hilf H H	3338
	3339
	3553
	3702
	14522
	22447
	31342
	31860
	41000
	66937
	74981
	91957
hilf R B	14523
Hilgeman R H	47763
	48759
	49879
Hilger R	15892
	16384
	23931
	24030
	24537
	25483
	42532
	42593
	60021
	95385
Hilkenbäumer	2675
	39812
Hilkenbäumer F	12969
	20847
	21701
	65332
	65331
Hill	64028
Hill A C	41537
Hill A F	47162
Hill A H	39343
Hill A J	19521
Hill A K G	72390
Hill A L	57703
Hill A R	25040
	52092
	93965
Hill A T	15724
Hill A V	9699
	9700
Hill C	65275
	63893
	72126
	89011
Hill C C	34335
Hill C H	9303
	51665
	60561
	68008
	93966
Hill C L	10696
Hill D C	23805
	23832
	33238
	42623
Hill D D	9722
	61573
	63191
Hill D L	76306
	76329
Hill E B	88483
Hill E C	8869
	79364
	79428
	87427
Hill E O	10286
Hill F F	17648
Hill F W	5241
	15784
	23817
	23833
	23834
	23835
	42594

	Item
Hill F W	42595
	60081
	75768
	76762
	84809
Hill G	59417
Hill G D Jr	21373
Hill G W	10587
	27860
	27887
	88608
Hill H	12345
	51919
	77074
	85225
	94846
Hill H J	23106
	23117
Hill H K	7020
	62325
Hill H M	13267
Hill H W	22280
Hill J E	42631
	80357
Hill J H	22172
	22173
Hill J S	27812
Hill K J	5673
Hill K W	12346
Hill L J	10841
Hill L M	70813
Hill M E	27925
Hill O J	42059
	84450
Hill R	20313
	24031
	47962
	48177
	54114
	54115
	70400
Hill R B	21863
Hill R G Jr	57579
	57580
	82772
Hill R M	27491
Hill R P	57943
Hill S	44290
	46784
Hill W B	83283
Hill W H	18620
	86746
Hill W L	3124
	74924
	74925
Hill W S	7491
Hill-Lewis C	91412
Hillaire	63275
Hillary C C	65629
	73993
Hille Ris Lambers D	68818
	93967
Hillebrand K	52643
Hillebrandt	80484
Hillemann H	6449
	93903
Hillemann H H	15708
Hiller	18736
	54853
Hiller A	44907
Hiller G A	8117
	62138
Hillery W O	10012
Hillestad A	54428
Hillhouse W F	79399
Hilliar R	5813
	7964
	32525
	44997
	43312
	88534
Hilliard T R	10888
Hillier J	43008
Hillier R	16385
	35629
	92692
Hillig F	25990
	25991
Hilling J L	93323
Hillis W E	3777
	22720
	50611
	83635
Hillman J	53451
Hillman J S	94540
	94541
Hills C H	70591
	70672
Hills F J	73692
Hills K L	48165
Hills L D	14307
	21103
	21104
	65630
	83175
Hills O A	16699
	52093
Hills T L	3183
Hillyer K	12720
	19311
Hilpert M	22563
Hilpert O	76932
Hilscher A	22096
	75428
Hilston N W	4389
	15521
	92438
Hiltbold A E	40612
Hilti F	69909
Hilton A R	7886
Hilton C T	560
Hilton J H	4526
	41718
	71840
	71841
Hilton J J C	1112
Hilton R J	1580
	12919
	18228
	37318
	39728
	48995
	54344
Hiltscher R	14769
Hilyard L V	56058
	56059
	56060
	80798
Himebaugh K	76307
Himmel L	59661
Himpe N E	52597
Hinchcliff K	7350
	17476
	25521
Hinchcliff K H	44234
	53230
Hinckley W P	53953
Hincks W D	6406
	6450
	34245
	34516
	43133
	43913
	43914
	86081
	94025
Hindmarsh R G	307
	95095
Hindmarsh W L	22939
	22940
	83870
Hinds H V	75335
Hinds J H	31482
Hinds M K	25655
Hine C H	38165
Hine E Jr	18773
Hine H J	7215
	7216
	17232
	17396
	25379
	43984
	44140
	78345
Hinegardner O F	70401
Hiner R L	9250
	9347
Hines C	85370
	86646
Hines J W	38022
Hines M P	15170
	75870
Hines P	40013
Hines W J	95539
Hingorani G M	38728
Hingorani M K	530
	38662
	72820
	81241
	81322
	81585
	87483
Hingst G	44801
Hinke A	1748
	1749
	7178
Hinke F	89605
Hinkle D A	12630
	13580
	17233
	30954
	39344
	57944
	64764
	65237
	65999
	66000
	66034
Hinkle W B Jr	87399
Hinkson P	3275
Hinman E H	85371
Hinman E J	34406
Hinman F G	77906
Hinreiner E	39229
	48158
Hinrichs	10889
Hinrichs H	52441
Hinrichsen J K	67448
Hinrichsen M	40669
Hinshaw K	45102
	82840
Hinshaw W R	42670
	83871
	93000
Hinshelwood Sir C	23163
Hinsvark O N	81721
Hintermann J	23332
Hinterthür L	89454
Hinton C L	7541
	44503
	53477
Hinton H E	6451
	25041
	85314
	94092
Hinton J J C	39235
	94498
Hinton S	76182
Hinton T	6531
	52534
Hintz J	43915
Hintze S	49224
	90938
Hintzer H M R	36375
	45531
Hintzman A J	54021
Hinze P M	76308
Hipp N J	53774
Hipple J L	17294
Hippmann	77114
Hipsley E H	19534
Hirai H	9167
Hirai K	90139
Hirai S	39073
	47963
	50637
Hirai T	29001
Hiraiwa Y K	92615
Hirano S	66709
Hirano T	74586
Hiraoka T	64624
	89833
Hirashima Y	16934
Hiratsuka N	81100
Hirigoyen	82177
Hirlinger K A	9256
Hirobe R	18454
Hirohata R	11126
Hirose K	94093
Hirose Y	3921
Hirose Z	86050
Hirota Y	63469
Hirsch A	27005
	43023
	79022
	79143
Hirsch D E	8169
	26043
	35721
	69910
	94785
Hirsch G P	80423
Hirsch H	29279
Hirsch H E	64710
Hirsch H M	20314
Hirsch J	31921
	31922
Hirsch K	6981
	7107
	7108
	69229
	78346
	94351
Hirsch M	59769
Hirsch W Z	86618
Hirschel-Konijn M	89012
Hirschfeld A	28074
	28075
	37943
	61757
	95724
Hirschfeld W K	4803
	84118
Hirschfelder	77415
	77416
Hirschfelder H	34020
	77417
	77621
	85498
	85569
	94026
Hirschhorn E	12347
Hirschmann R	85206
Hirschmüller H	95508
	95509
	95510
	95511
	95512
Hirst E L	32152
Hirst F	82151
Hirst J M	6592
	72284
	85806
Hirt E	79591
Hirt G	5799
	33724
Hirt H	62107
Hirt R R	20034
	21105
	64444
Hirt W	1676
	64445
	64446
	89606
	89607
Hirtz J	41814
Hirua U	28918
Hisauchi K	870
	2460
	11515
	47314
	49277
Hiscox E R	7978
	8238
Hisserich H	25380
	69332
	69333
Hitchcock A E	20432
	21374
	56845
	56959
	74275
	81747
Hitchcock D J	33302
	76536
Hitchcock H B	84966
Hitchcock R	1097
	2461
	24328
	29890
	34883
	68205
Hitchins P E N	2197
	82841
Hitchner L S	3135
	28267
	43189
	93524
Hitchner S B	5327
Hitler H	20779
	29002
	29155
	29280
	29281
	38210
	48643
	56021
	80165
Hitler M	39648
Hitt C H	95276
Hitz C W	3162
	47394
Hiura U	28919
	28921
	28922
	81274
Hivon K J	12526
Hix H	27632
Hixson E	24935
	93428
Hixon H J	22282
Hixon R M	10697
Hiyama K	131
	28544
	47240
	72391
	72392
	72393
Hjalmars K	4694
Hjärre A	5814
	85253
Hjelde J	73994
Hjelm L	7577
	10287
	27728

	Item
Hjelm L	37594
	61821
	63655
	86619
	88149
	88150
Hjelmqvist H	12139
	19646
	38406
	56226
	89116
Hjeltnes A	40192
	40193
Hjersman H A	11661
	81154
Hjorth R	41025
Hjorthaug B	79013
Hjul P	27965
	80485
Hjulstad O	7306
	57234
	88767
Hladík J	17234
	17243
Hlaváčková E	17880
Hlinovský J	43517
Hlioar S E	41823
Hman M	83242
Ho C M	86717
Ho J W	82364
Hoadley A D	38686
	38772
Hoag D G	3962
Hoag L E	7460
Hoag W G	19416
Hoagland M B	47964
Hoak C M	82365
Hoar S	15352
Hoard B	82213
Hoard R S	46100
Hoard W R	65427
Hoard's Dairyman	23431
Hoare A H	1581
	21441
	39881
	82214
	87484
Hoare E R	871
	2926
	20798
	52959
	60562
	69299
	85372
Hobart E W	13468
Hobart G M	50536
Hobart S G	75062
Hobbes J C	44619
	86523
Hobbis E W	73863
Hobbs B C	7542
Hobbs C C	10216
Hobbs C S	51070
	76961
	77136
	84188
Hobbs G A	48136
Hobbs L A	75693
Hobbs M E	38242
Hobdy C J	64793
Hoberlandt L	43659
	68819
Hobgood P	2336
	44291
Hobiger S	71959
Hoblyn T N	1643
Hobohm K O	41824
Hobson A	37819
Hobson A D	93255
Hobson G	54621
Hobson K	10080
	17831
	46272
	55217
	63388
	80166
	80167
	95725
Hobson O R	37105
Hobson R	7887
Hobson R P	36504
Hoch K	34246
Hoch L	30955
Hochapfel H	89608
	89989
Hochberg N	2927
	62653
	73864
Hochkonig W	52960
Hochmann J	59901
Hochmuth H R	39489
	88484
Hochreutiner B P G	38211
Hochstrasser R	87493
Höck H	94953
Höck L	77418
Hockberg N	13094
Hockenhull D J D	20450
Hockett R C	18774
	79942
Hockey J F	47520
Hocking B	77924
	85741
	85742
Hocking G H	75083
Hocking G M	2462
Hocquette	637
Hocquette M	47764
	56691
Hodan E	13268
Hodder I G	3703
Hodes W A	85442
Hodgdon A R	47241
Hodge C H	7271
	44292
	86394
Hodge H C	43260
Hodge H M	35891
Hodge J E	88047
Hodge T L	10426
Hodges D	52243
Hodges D J	65040
Hodges E M	15356
	39490
	63573
	81990
Hodges H G	92616
Hodges J A	63504
Hodges L H	53073
	53108
	53109
	59192
	69447
	81824
Hodgins H J	58729
Hodgkin C	9022
Hodgkins E J	73162
Hodgkinson R L	34021
Hodgman S F J	15171
Hodgson	82152
Hodgson A S	23234
	76207
Hodgson C G	82366
Hodgson H E	69911
Hodgson H J	40699
	46387
	55377
	58269
Hodgson R	1978
	28170
Hodgson R E	12798
	18495
	20665
	29714
	30141
	39911
	41984
	42060
	45940
	57624
	65482
	76183
	81855
	84189
	84190
	87142
	90346
	92539
	92540
Hodgson R W	29985
	29986
	90592
Hodgson S	15535
Hodkinson J	82367
Hodosy J	5299
Hodsdon D F	27377
Hodson A C	5946
	6852
	34587
	52712
	68922
Hodson E A	12763
Hodson F G	94367
Hoechstetter H	6892
	25214
	53182
Hoeck N	66178
	90808
Hoecker R W	44472
	45702
	53468
	79729
	94535
	94536
Hoedemaker L	5051
	23932
	68057
Hoeden J van der	4617
Hoefer J A	16066
	33773
	60419
	60428
	60429
	85207
	85274
Hoefer T	35988
Hoeflake h	79014
Hoefle C	42924
Hoeflin R	55605
	80594
Hoehne F C	40014
	64029
Hoek A P van den	21442
	29891
Hoek M	67091
Hoeksema K J	13828
Hoekzema J P	9201
	18687
	43100
Hoelzel F	46952
Hoelzer H	15277
	23118
	59471
	92439
Hoerlein A B	5815
	43069
	43070
Hoerner G R	27221
	63191
Hoersch A Jr	70313
Hoese K	74982
Hoeser K	95173
Hoesly J J	71089
Hoette I	20466
Hoeve J ter	31107
Hoey J J	7620
Hof A op 't	2717
Hof C G	18094
Hofbauer H	6173
	34022
	60681
Hofer A	63084
Hofer A S	42361
Hofer H	35757
	62186
	86572
Hofer K	86747
	86748
	86749
Hofer M	26791
	53712
Hoff C C	6924
Hoff G	40917
Hoff H	68264
Hoff P R	61694
Hoff S	57704
	73717
	73995
Hoff W S	57945
Hoffer-Reichenau	54956
Hofferber	59662
Hofferber O	50845
	93256
Hofferbert W	20004
Hoffert E	28231
	95386
Hoffman E N	57076
	58450
Hoffman E S	63850
	78845
Hoffman F W	56216
Hoffman G L	86032
Hoffman H H	45103
Hoffman I C	11803
	21262
	83141
Hoffman J C	40194
Hoffman J R	61061
Hoffman L E	55525
Hoffman M	45631
Hoffman M B	840
	48070
Hoffman M J	46273
Hoffman O H Jr	26044
Hoffman O L	39491
Hoffman O W	43985
Hoffman P	41264
Hoffman P F	56513
Hoffman R A	16700
	34178
	34350
	43518
	68745
	85807
Hoffman R D	59663
Hoffman R L	76309
	52366
	77622
Hoffman R M	66342
Hoffman S S	7570
	52961
Hoffman W H Jr	79800
Hoffman W M	58563
Hoffmann	91819
Hoffmann A	68657
	83161
	93417
Hoffmann E	6786
	22810
	64530
	71426
Hoffmann F	5674
Hoffmann G	4885
	63703
	63717
	64461
	76675
	89609
	90141
Hoffmann H	13269
Hoffmann H J	45517
	87551
	87594
Hoffmann M E	11423
Hoffmann O L	30547
	30548
Hoffmann P	435
	75871
Hoffmann R	95537
Hoffmann W	73479
Hoffmann-Ostenhof O	12360
	90000
Hoffmann-Walbeck H P	73246
	79970
Hofford H M	1367
	12764
	44908
Hoffpauir C L	9051
	18666
	36754
	54146
	69554
	87212
	95356
Hoffschlaeger E	86200
Hoffsommer H	71842
	95986
Höfler K	222
	872
	38912
	73163
	73164
Höfler L	73163
Höfliger H	76310
Hoflund S	67557
	76311
Hoflund S A	83872
Hofman F	87071
Hofman J	18095

	Item
Hofmann E	35
	19756
	62702
	64125
	72285
Hofmann F	24200
	34685
	79144
	85208
Hofmann F M	35502
	44690
	44691
	53647
Hofmann H	27912
Hofmann M	11044
Hofmann R	82987
Hofmann W	83873
	84316
Hofmaster R N	16210
	21354
	52442
Hofmeyr C F B	84517
Hofstad M S	15927
Hofstede A E	14076
	16771
	52598
Hofstede P ter	45342
	45343
	45397
	48705
Hofstee E W	71843
	88638
Hofstee J	64090
Hofsten C G von	873
	39074
	49278
	65970
	66200
	71548
	85495
Hofstra D	8864
Hofstra S T	85254
Hogaboam G J	38652
Hogan A G	22811
	24260
	41719
	60097
	33234
Hogan B	3565
	14906
Hogan J T	9432
	32047
	36144
Hogan M	19338
Hogan S G	11045
Hogan T W	16211
	78225
Hogancamp I R	32060
Hoge E	77144
Hogg A H	51968
	67823
Hogg L E	31144
Hogg N D	36789
Hogg P G	15433
	32730
	67629
Hogg R B	65631
Hogg W	54622
Hogg W K	26045
Högl O	17580
	17583
	86750
Hoglund C R	41720
	71628
	88485
Hoglund O K	40670
Hogna O	96211
Hogreve F	4320
	42154
Hogsett H	5155
Hogue J	87939
Höhenberger F	62702
Hohenbruck E	322
Höhener H	69334
	89525
Hohenheim Landwirtschaftliche Hochschule	88768
Hohensee F	83410
Hohenstatter E	64625
Hohf J P	41601
Hohls H W	42852
	42853
	42854
	51752
	51753
	60278
	60279
	60280
Hohls W W	76951
Hohmann	70320
Hohmann J	75872
Hohmann P	5523
	15942
	33292
Höhn K	12140
	29282
	64765
	64766
	81586
Hohn M H	72454
	89427
Hohnbaum E	84004
	84598
Höhnel W	16386
	16387
Hoi B	39062
Hoidale P A	93865
Høie	84817
Høie E	14380
Høie J	42410
	59418
	68120
	92953
Höijer H	17377
	44092
Höjer E W	50212
Höjer J	19879
Højte S	26285
	35892
Hoitingh J H	1979
Hoitink A W J H	92292
Hokl J	87794
Holager E	93167
Holand P	3256
	22143
	41081
	91600
Holand T	8170
	26129
	35786
	44909
	62139
Holbeche J A	1750
Holborn J M	68651
Holbrook C R Jr	18632
Holbrook H S	35100
Holbrook N K	37820
	68206
Holch A E	47242
Holcomb M C	21106
Holcombe P L	68555
Holcombe R A	14820
	92081
	92082
Holdaway C W	8226
	76175
	76176
	86852
Holdaway F G	6732
	12194
	61197
	77250
	93968
Holdeman Q L	28887
	64584
	72898
Holden A E	30083
Holden E	39345
Holden E D	81856
Holden F	9813
Holden F J S	81991
Holden F R	78779
Holden L	42370
Holden M	73329
Holden R L	51006
Holden T S	14848
	69435
Holdenried R	34422
	52887
	86082
Holder E	47395
Holder E D	41226
Holder P	20799
Holder R C	15086
Holderby J M	3767
Holderman K L	10709
Holderman V N	13270
Holdhaus K	16570
Holdman E E	3758
	3760
	14956
	22688
	75659
Holdridge L	66809
Holdridge L R	14460
Holdson J	874
Holdsworth M	64596
Holdsworth R P Jr	60563
	60564
	68416
Hole E	88573
Hole F D	66234
Holec E	39882
Holekamp E R	17291
Holfelder A	19273
	27492
	27966
	29715
	29716
	39492
Holik O	11250
	17009
	78121
	80762
Holl	14544
Holladay Mrs C H	19757
Hollaender A	64844
	73165
Holland C A	22812
	50728
Holland D	7762
Holland D A	95793
Holland G P	17157
	33808
	52888
Holland H	32135
Holland J G	30956
	66343
Holland J R	23432
Holland L J	21107
	40015
	40016
	56217
	80974
	90809
Holland R F	8225
	25264
	94741
Holland W C	10288
Hollande A	25125
	85315
	94162
dollard M G	3890
	4480
	51109
Holldobler K	77623
Holle Müller H v	15725
	33422
Holleman L W J	95030
Holleman M P	35879
Hollenbeck C M	45532
Hollender H A	79145
Hollensworth M	67157
Höllerich R	34923
Hollesen R	5456
Holley A D	18229
	36150
Holley A L	67744
Holley K T	5580
Holley R W	29283
	36150
Holley W B	14831
Holley W D	30227
	30957
	40671
	65632
	90813
Holliday L G	54989
Hollier R	17211
Höllige W A	88116
Holliger H H	64259
Hollings M	6636
Hollingsworth D F	26022
Hollingsworth J P	70648
Hollingsworth K P	15693
	84916
Hollingsworth R L	85461
Hollis J P	64300
	72561
Hollis R H	59318
Hollister J M	81424
Hollje-Lüerssen	10485
Holló F	92293
Holloman A	64447
Holloman A Jr	436
	11804
Hollomon J	7621
Hollon C	95985
Hollósvölgyi F	15471
Holloway J K	93418
Holloway J T	75083
Holloway M E	10698
Holloway M G	46961
	47082
Holloway P H	17003
	34588
	43801
	61198
	85964
Hollowell W	94426
Hollstein D	36577
Holly K	13581
	57946
	65926
	82559
Holly Society of America	57705
Holm E A	55793
Holm E R	51698
Holm G	56980
Holm G C	4081
	50846
	77071
Holm G E	17832
	17833
	17931
	17932
	17977
	72239
	79146
	80701
Holm L	89455
Holm L G	30549
	57947
	65971
Holm L W	16007
	51209
	68246
Holm P	41821
Holma K	44317
Holmaas A J	17598
Holman A E	24032
Holman C W	44864
	69912
Holman H E	69913
	3226
Holman H H	75873
	76989
Holman H P	96225
Holman L E	7154
	25350
	61640
	87835
Holman L F	25366
Holman R L	17219
	50597
	52962
Holman W G	39075
Holmberg C B	35070
	44341
Holmberg D M	40195
	57833
Holmberg J	18506
	84317
Holmberg S A	90453
Holmboe C F	95337
Holmboe F V	84580
Holme B	23684
Holme F	32631
	37595
	37596
Holme J	87595
Holmen K	203
Holmes A D	35680
	38327
	94757

	Item
Holmes C E	5156
	15785
Holmes C H	14558
	14583
	23054
Holmes E	24388
	24449
	28758
	55978
	57015
	86291
Holmes F O	38807
	56604
Holmes G	1751
	2198
	2768
	13469
	13470
	13471
	19919
	20005
	20554
	22813
	26585
Holmes G A	10081
	21673
Holmes G D	41227
	49279
Holmes G V	88353
Holmes H	9771
Holmes J	54566
Holme J C	69698
	81800
Holmes J R	51210
Holmes K L	11251
	42435
Holmes L J	27124
	61454
Holmes M A	51839
Holmes N	46158
	75063
Holmes N D Jr	66256
Holmes P	48166
Holmes R H	32948
	86264
Holmes R L	26948
	79801
Holmes R S	21543
Holmes V R	82368
Holmes W F	32949
	42950
Holmgreen E M	88354
Holmgreen E N	37319
Holmgren A H	144
Holmgren G G	40398
Holmgren O	89570
Holmqvist N	7363
	8860
	25551
	35132
	44318
	53255
	86453
Holmsgaard E	14333
	14602
Holmström S	66972
	10082
	10394
	19019
	43038
	46480
	55024
	55218
	63571
	69335
	71585
	80715

	Item
Holopainen V	31832
Holroyd H	67823
Hölscher	51920
Hölscher F	44395
	72136
Holsoe T	22316
Hölss F	83273
Holst A P	5308
Holst S	85176
Holst S J	15678
Holst W	25915
	62022
Holstein M H	16772
Holstein-Friesian Association of America	4321
	32526
	59472
	67485
	84081
	92440
Holstein-Friesian Association of Canada	76054
Holstun J T Jr	12430
	13582
	13606
	65972
	65973
Holt A F	51007
	51008
	84082
Holt E C	21702
	30858
	30958
	39493
	65096
	81967
Holt E D	66344
Holt L	22488
	91780
Holt R	26837
	78889
Holte T	67158
Holten E	8239
	95307
Holten J	14603
Holtermann H	74362
Holtmann	71060
Holton C S	20006
Holtorf J	32243
Holttum R E	19853
	19854
	30261
	38443
	38444
	40017
	65633
	80975
Holtwiesche	26792
Holtzmann O	72810
Holtzmann O V	20056
	38759
	38827
	47396
	47611
	72689
Holway C P	66767
Holway R T	16701
	43519
Holweg A W	22086
Holwerda K	69992
Holz J	59740
	67630
	76413
	84420

	Item
Holz W	11171
	24936
	25042
	60631
	64346
	80719
Holzapfel F	87596
	87597
Holzberlein J W Jr	34023
	52244
	60679
Holze	60682
Hölzel A	3544
	31998
Holzer W F	22656
	83636
	92094
Holzinger O	37320
Holzworth J	51391
Homan E L	62987
	70064
	86959
Homan J	95726
Homan J L	17949
	19417
	19484
	53713
	56082
	69914
	88355
Homann	82503
Homb T	4481
	32840
	85079
Homberg E	14738
	22525
	31923
Homberg R	17010
Homberger E	58512
	82617
Home Sir J M	31633
	31700
Home Sir J H M	57948
	80272
Home Grown Threshed Peas Joint Committee	21263
	40196
	74169
Homes M V	82842
	82843
Homes M V L	2769
Homeyer B	72899
Homeyer P	51911
	51912
Homeyer P G	15294
	51941
	60413
	76185
Homgren O	12631
Homiller R P	8843
Homme H A	62166
	70065
Honan J E	26130
Honda M	50423
Honda N	82844
Hondelmann W	30262
Höndorf G	27006

	Item
Honduras Secretaria de Fomento Agricultura y Trabajo	11172
Honeker	33581
	42951
	60355
Honeker A	24167
Honerkamp	2865
	40755
Honess R F	5675
	5693
Honey E E	47521
Honey Industry - PMA Conference	9154
Honeywell E R	57706
Hong H	36629
Hong Kong Dept of Agriculture Fisheries & Forestry	96174
Hönicke K	15022
	58751
	75451
	91974
Honig F W	20800
	45279
Honig P	9669
	27125
	71124
	71125
	71126
	79943
Honig-Karnitz W	40672
Honigsheim P	55435
Hönl	10588
	25752
	44620
	45074
	45470
	45533
	45737
	53589
	63192
	64347
Honorat J J	83243
Honoré R	67559
Honorlef J V	90444
Honrado P A	27126
Hoobler S Q	8626
	36251
	45280
	45471
	80000
Hood E G	8240
	26087
	44998
Hood J D	61298
	77955
	86083
	86084
Hood J W	31108
Hood K	8627
Hood S C	28413
Hood S L	58106
	76978
Hoodbhoy S	10971
Hoof H A van	81153
Hoofnagle W S	26568
Hooftman H	87320
Hoogendoorn	76885
Hoogendoorn J	5457
	5458
	37128

	Item
Hoogendoorn J	33130
	33406
	36790
	68121
Hoogenraad H R	132
	89314
Hooghoudt S B	14139
	82988
Hoogland E J A	7109
	7110
	17820
	17342
	17343
	20756
	25327
	25328
	43986
	61355
	65256
Hoogstraal H	6593
Hooker A L	89610
Hooker L W	3566
Hooker W J	13816
	28888
Hooper F C	66121
Hooper J	26865
Hooper J A	70829
Hooper J C	90991
Hooper J G Jr	61936
Hooper J H	88561
Hoopes L N	62214
Hoorn Vereniging tot Exploitatie ener Proefzuivelboerderij	53954
Hoos S	8806
	25587
	25588
	44396
	45281
	54194
	54412
	61847
	62654
	63572
	87321
	87462
	87485
	95096
Hooten J D	84083
Hootman H D	62461
Hoover A A	11124
	11125
Hoover C D	9433
Hoover M	17345
Hoover M D	58875
	74424
Hoover M W	79367
Hoover R C	37712
Hoover S R	32244
	53955
Hooymans T	21264
Hope A B	12141
Hope C E G	33080
Hope C R	27813
	80168
Hope E C	26866
	35251
	35269
	37321
	37322

	Item
Hopf H S	17122
	77299
Hopf L	8372
	9023
	9024
	9025
	18406
	18407
	26690
	36376
	36377
	54474
	62703
	62704
	87598
	87599
	95174
Hopf P P	13264
	20312
Hopfe	9850
Hopfinger J C	68974
Hopgood R F	82369
Hopkin J A	19106
	46481
Hopkins A S	22375
	27337
	50372
	75064
Hopkins B	6019
Hopkins C Y	58957
Hopkins D E	16677
	77886
Hopkins D M	66147
Hopkins D P	3145
	21995
	22042
Hopkins E F	45382
Hopkins G E	8484
	8485
	8486
	26369
	62382
	87213
Hopkins G H E	6909
	6910
	43916
	43917
	52877
	61299
	69034
	86085
	94094
	94189
	94190
Hopkins H T	73166
Hopkins J W	18556
Hopkins L	6524
	23477
	68496
	68677
Hopkins R H	79631
Hopkins R P	67134
Hopkins S V	45183
	54178
Hopkins W	66982
	67007
Hopkins W C	41414
Hopkirk C S M	83874
Hopla C E	24692
Hopman F J	20902
Hopmann J	58752
	91661
	91733
Hopner T	50474
Hopp H	48172
	56125
Hopp R	2256
Hoppe J L	78823
Hoppe R	22763
Hoppenstedt	22420
	50497
	75202
Hopper C	62606
Hopper T H	9434
	9435
	79274
Hopper W C	10972
	71240
Hopping G R	5947
Höppner E	2199
	54315
	57834
Hoppus E	22280
Hopson G H	23433
	69160
Hopton J W	20474
Hopwood S	32048
Hora S L	1191
Horak K	45184
	69448
Horan W	88192
Horatiis M de	30859
Horbaly W	37323
Horber E	16571
	64348
Hörberg Y	48285
Horch W	61937
Hord H H V	437
	20085
	28944
Hord L G	77722
Hordern R H	14775
	31937
	41382
	50452
	75468
	83520
	91987
dore H L	73415
	73416
Horgan E D	3616
Hörhammer C	78122
	94095
Hori K	52535
	85748
Hori T	8324
Höricht D	66995
Höricht D W	14559
Horie T	4998
Horigan F D	43190
Horiguchi H	93525
Horii S	39562
	42066
Horikawa H	67362
	92299
Horioka K	41487
	50508
	50509
Horke A	68949
Horkowitz F C	79699
Horky A	91662
Horlacher L J	10699
Horlacher M	26131
	36378
	74499
	87821
	55219
	69915
Horlacher M	72045
	87600
	88356
	95615
	95727
	95728
Hormaeche E	6532
Hörmann,	66996
Horn	29926
	32841
	71629
	78390
Horn A	42533
Horn A G	14907
	22653
	31492
	50160
	66850
	91663
Horn E	51311
	66062
Horn G	7371
	33513
	51770
Horn L	20686
Horn L J	54727
Horn N L	81207
	89504
Horn P W	76449
Horn S F	31833
Horn V	15172
Horn af Rantzien H	19758
	47163
	56182
	64190
	80881
Hornaday J R	94600
Hornburg P	49505
Horne C F	17117
Horne F R	12632
	12633
	39346
	47828
	48222
	73417
Horne M K Jr	28370
	45185
Horne M R	63056
Horne T J	25535
	37822
Horne V	12489
	12490
Horneber	1368
Horner C E	404
	72562
Horner F	42534
Horner F B	87214
Horner G M	40676
Horne R W	64638
Horner W H	67355
	95921
Hornibrook E M	50246
Hornich H	3891
	5767
	50729
	60420
	60421
Horning W H	3340
Hörnlein	33514
Hörnlein A	33497
	42855
	60281
Hornsmann E	31109
	56145
	66851
	66852
	66997
	92136
Hornstein F von	50090
Hornstein I	52188
	68497
	79802
Hornung P	10083
Horoth V L	54195
	63211
Horovitz N	507
Horovitz S	20212
Horowitz	52443
Horowitz N H	12555
	81760
Horprich H	76055
Horrell E	19635
Horring	95903
Horring J	8916
Horsbrugh F	8876
Horsburgh D B	23496
Horsfall F Jr	11659
	47397
	48007
	56393
	65428
	73197
Horsfall F L	23979
Horsfall J G	323
	11660
	11805
	11810
	19714
	38694
	89654
Horsfall J L	93512
Horsfall T H S	84967
Horsford W C	1980
Horspool J M	79803
Horst H C	19339
Horst J A ter	13942
Horst M	37823
Horst W F	26286
Horstmann	49822
Horstmann K	37736
Horswell L A	42334
	84495
Hörter R	67356
Horticultural Societies	1582
Horton A G	11252
Horton C A	68524
Horton C M	77017
Horton D H	33131
	33293
	51699
	87940
Horton F F	39076
Horton H W	58427
Horton I H	68746
	68747
Horton J S	20125
	67012
Horton L J	76056
Horton-Smith C	15893
	42671
	84876
	93001
Horvat A	31701
	41119
Horvat I	31955
Horvat J	93002
Horváth G	15928
Horváth I	4082
Horváth J	15278
Horwitz W	69993
	70007
Horwood D S	58577
Hosaka E Y	91413
Hosaka H	30263
	50619
Hosaka Y	38688
Hoschtalek J	37824
Hošek K	12572
Hosford W H	27814
Hoshaw R W	29284
Hoshii H	39523
Hoshino H	50331
Hosier A J	63505
Hosier F H	63505
Hosier R	40964
Hosino Y	6459
Hosking Z	8005
Hoskins C M	66621
Hoskins J H	11381
	28414
Hoskins W M	34325
	34366
	34367
	52536
	73175
Hoskisson W A	79147
Hosman A	51898
Hosmer O H	23215
Hosmer T L	73996
Hosmer W A	50091
Hosoda T	5328
	64675
Hosogai S	83121
Hosoi M	50267
	50317
	50359
Hosokawa R	31047
	31049
Hosono S	81857
	28415
	80882
Hošpes B	17671
Hoss R	62781
	62782
	79659
	84191
	95277
Hossack J	22704
Hossfeld R	3797
Hosterman W H	76235
Hostettler H	7979
	7980
	25992
	86914
Hostos A de	27967
Hostos B L de	90347
Hosty T	4055
Hotchkiss J C	63718
	88770
Hotta K	83557
Hotta M	50443
Hotte G H	45186
Hottenroth B	8628
	45429
Hottenstein W L	13271
Hottes A C	12920
	40018
	65634
Hottes F C	16819
	16821
	16822
	16833
	24937
	43645

	Item
Hottes F C	61051
	77943
	85845
Hottinguer H	73045
Hotz A	93598
Hotz H	76646
Hotz H G	27922
Hoube P	79343
Houben L	9348
Houchens A	51392
Houck C B	62522
Houck F E	3640
Houck L H	7382
	17456
Houck L R	76462
Houda L	11465
Houdyshel E	21108
Houfek P	4840
Hougas R W	36687
Hougen A O	35314
Hough A	63894
Hough E M	10890
Hough H W	64839
Hough J A	71960
	78801
Hough J S	16904
Hough J W	10390
	36791
Hough L	88016
Hough L F	47577
Hough S	55378
Hough W S	28753
	34247
Houghaboom V R	55467
Houghland G V C	56022
Houghton J C W	10084
Houghton K W	65857
	90810
Houillier E	45534
Houillier F	10486
	46388
	88486
Houk I E	2928
	40803
Hounsell J	25215
	52963
Houran G A	53956
Hourdequin M O	40019
House A G	7978
House H L	68364
Household Finance Corporation	7482
	45656
Householder G M	42283
Houseman E E	88487
Houser P M	95986
Housekeeper Mrs W G	90811
Houston B	94338
Houston B R	472
	561
	12016
	64566
Houston C E	14140
	58494
Houston D F	9026
	45535
	45536
Houston E C	3130
Houston F G	46042
Houston J W	23552

	Item
Hout A van	5600
	15894
	24099
	24201
	33506
	42772
	60082
	92205
	93003
	93068
Hout F van	33407
	76933
	85004
Houten J G ten	43191
Houter P	38578
Houter P J	7064
	44159
	56417
Houtermans	31897
Houtman G	6716
	6790
	20087
	25043
	38579
	60565
	77225
	78123
	85965
	94096
Houtte van	46274
Houtte A van	71427
	89146
Houtzagers G	3184
	3185
	14334
	22144
	31343
	50092
	64676
Houweninge M P H van	58025
Houwing P A N	27815
	10487
	71686
	71687
Houwink A L	12142
Houwink R	22610
	71074
Hovanitz W	43816
Hovd A	2770
	65118
Hovde B	80169
Hovde O	82753
Høvde R	4322
	41985
Hove E L	9436
	32242
	67283
Hoveland N	12765
Hover Mrs R	67793
Hövermann I	64767
Hoversland A	42988
	42998
	51817
	68247
Hovey C L	57949
	89734
Hovey V F Jr	17909
	26046
	53223
Hovis R W Jr	8487
How H R	45664
Howald O	9925
	10085
	19282
	37057
	37324

	Item
Howald O	63389
	71428
	88357
Howard A C	61423
	61424
Howard A N	92986
Howard A P	13414
Howard C G	37825
Howard F L	11806
	19949
	24419
Howard G A	80005
Howard G T	60831
Howard H W	638
	28545
	38964
	38970
	64677
	74182
Howard I A	26076
Howard J	71331
Howard J H	26820
Howard J O	10488
Howard L B	44418
	86652
Howard M C	3514
	36713
Howard R A	38212
	56183
	58026
	64126
	89259
Howard R H	50945
Howard R T	72159
Howard R W	19460
	25484
Howard T	95278
Howard T M	65635
Howard V	88771
Howard W E	11661
	72563
	81154
Howarth J A	16007
Howat T	51009
Howatt D	37325
Howden C	18096
	87215
Howden H	68710
Howden H F	43119
	77723
Howe G L Jr	48613
Howe H E	40404
Howe I G	41825
Howe J W	87322
Howe M A Jr	36784
	95387
Howe Mrs P Jr	57707
Howe P E	18495
Howe R W	6452
	6453
	24744
	52444
	60566
	60832
	68417
	77724
	85373
	85643
	93419
	93772
Howe W L	77852
Howe W P Jr	48996
Howell C E	15679
	15687
Howell D E	51761
Howell H	70971
Howell H B	7664
	7665
	88200

	Item
Howell J	31097
Howell J L	17158
	25130
Howell J T	11476
	47243
	47244
	80976
	80977
	80978
	80979
Howell M L	56061
Howell R	23544
Howell R E	4962
	4963
	7111
	65974
	69187
	69336
	69501
Howell W	73997
Howells A	4447
Howerton R L	75596
Howes C E	23826
	23933
	42672
Howes F N	47245
	91109
Howes J R	23735
Howes W B	39664
Howey G C	7888
	25916
Howie A	55662
Howie H D	38023
Howie J W	51921
Howitt B F	5086
	15692
Howland J A	9437
Howland J E	40021
Howland J W	51385
Howlett F S	45282
	57533
	62501
	73167
	82215
Howse A C	51620
Howse J	40938
Howze H C	32636
Hoxsie C E	57708
	82370
Hoyer M G	3554
Høyer O G	8241
	25723
Hoyert J H	30772
Hoyle D A	31301
Hoyle G	43120
Hoyle R J	75695
	92026
Hoyman W G	562
	56605
	64768
	90939
Hoynak P X	63141
Hoyos A	74425
Hoys D	5708
Hoyt A S	43192
	52094
	68498
Hoyt C P	85743
Hoyt G	57709
Hoyt H H	15829
Hoyt L F	26358
Hoyt R S	82371
Hraball A	55663
Hrabětova-Uhrová A	28546
Hranitzky D R	76647

	Item
Hromatka O	44692
Hrubý K	43802
	48788
Hruschka H	54299
	79429
	87449
Hruschka H W	26516
	36243
	54336
	62524
	62604
	70608
	87434
	87482
	95061
Hrushovetz S B	47522
Hryniewiecki B	38213
	38214
	38353
Hrynkiewicz A Z	81527
Hseung Y	40460
Hsia Y F	73680
Hsia Y J	20757
	82105
Hsia Y T	11807
Hsiang C M	78226
Hsiang T-H T	12348
Hsiao T	27816
	27817
Hsieh C	80095
Hsieh C M	46276
Hsieh K M	33294
Hsieh P T	27127
Hsiung G D	67824
Hsu P T	42610
	76746
Hsu S C	89056
Hsu T C	60931
Hsu W C	30726
Hsu W S	77853
Hu C C	13009
	20160
Hu S Y	56216
Hu T B	39617
	48614
	65259
	89900
Hu Y	45991
Huakom A S	66867
Huang J C	90474
Huang K S	82814
Hubanks P E	93540
Hubbard C L B	32892
Hubbard C S	41135
Hubbard D F	71728
Hubbard E D	5815
	43070
	60463
Hubbard E S	54196
Hubbard F C	80528
	90812
Hubbard J L	20274
	20621
	81900
Hubbard L S	36792
Hubbard M	3305
	14461
	14462
	31525
Hubbard O	33205
Hubbard R D	24389
Hubbard R E Jr	83602
Hubbard W	90813
Hubbard W W	74276
Hubbe I	8973
Hubbe W	60683
	85500
Hubbeling N	57835
Hubbell B E	87072

	Item
Hubbell C H	35893
	83762
Hubble C T	54475
	62705
Hubbell D S	21496
Hubble G D	91250
Hubbling P	92913
Huber	10086
	27968
	48223
	48615
	75769
Huber A	31558
	91032
Huber B	28889
	39077
	64127
	81587
Huber E H	74277
Huber G	44419
Huber G A	72846
Huber H	20993
	29285
	53648
	62655
Huber J	31938
	38445
	62162
Huber J A	82372
Huber L	6174
	46864
Huber P	18199
	23121
	73012
Huber W	48444
	69617
Huberlant J	70019
Huberman M A	3227
Hubert A J Jr	14798
Hubert E E	22489
Hubert F P	11662
	39078
Huberts M	1098
Huberty M R	64957
	74798
Hublin R	71075
	87996
Hubmann	22459
	53256
Hübner R	18408
	81993
Huboi C	40501
Hückel P	18097
Hucker G J	54370
Huckett H C	16702
Huckle H F	13936
Hückstädt J	53957
	89013
Hudault E	438
	85966
Huddle H B	52784
Huddleston H G	80033
Hudek E P	94318
Hudelson R R	10700
Hudner C W	70789
Hudson A W	49886
	74742
Hudson C B	60113
	84846
Hudson C E	1583
	39665
Hudson C J Jr	90516
Hudson D S	79640
Hudson D W	22460
Hudson G F L	51211
Hudson G K	4942
Hudson H E Jr	30860
Hudson J F	18098
	87216
Hudson J H	89260
Hudson J P	20601
	63506
Hudson J R	4618
	23310
	84318
Hudson M S	14787
	75499
Hudson N C	54267
Hudson N M	24996
	52713
Hudson N P	10701
Hudson R F	8488
Hudson R S	33004
Hudson S C	37469
	37481
Hudson W	47096
	82989
Hudson W D	94565
Hudspeth E B	29663
Hudtloff M J	9027
Huebner J	87486
Huebner R A	51368
	51439
	60151
	93004
Huebner R J	51229
Hueck K	36
	58696
	81380
Huelin F E	48167
	48188
Huelson W A	21265
Huertos M R	11998
Huesa Lope J	87868
Huesker J	25917
Huet G	1167
Huetter L	9028
Huey R G	82373
Huff D	18943
	37826
	37944
	45344
	71844
Huff E	32527
Huff G	46772
Huff J S	15434
Huff K B	35090
	44259
Huff P B	93005
Huffaker C B	93418
Huffington J M	26609
	63313
Huffman C F	42061
	42062
	59638
	67716
	76276
	76312
	84233
Huffman R E	74743
Huffman W A H	36151
Hufnagel	23434
Hufnagl	47710
Hufnagl H	21703
	28547
	50125
	50318
	50360
	50393
	52095
	56656
	60833
	66868
Hufnagl H	66974
	75026
	75065
	75529
	81588
	83340
	83373
	83390
	83411
Hufnagle R	44048
Hug J	76696
Hugenroth	10702
Huggart R L	26482
	79428
	87427
Huggins H C	6791
	17011
	17012
	34589
	43803
	43804
	52785
	52786
	61199
	61200
	61201
	68950
	78124
	85316
	85644
	85967
	85968
	94097
Huggins L O	40022
Huggins R A	26548
Hughes	66622
Hughes A	63976
Hughes A E	72564
Hughes B	28416
Hughes C E	55025
	59573
	63243
	79660
Hughes C G	1516
	20752
	89505
Hughes C H	90465
Hughes D	1192
	9029
	13943
	49650
Hughes D L	33279
Hughes E H	15232
	16092
Hughes E O	56306
Hughes F C	69808
Hughes G B	87073
Hughes G C	51815
Hughes G F G	2749
Hughes G M	43121
	93324
Hughes G P	12766
	29717
	39494
	48445
	67558
Hughes H D	12767
	39576
	48446
	49969
	73553
Hughes H M	30037
Hughes H V	23119
Hughes J	13272
Hughes J S	5303
	15173
	22814
	75874
Hughes K M	6792
Hughes L P	3767
Hughes M B	89701
Hughes R A	11046
Hughes R H	14657
Hughes S D	20742
Hughes S J	11593
	19880
	19881
	19882
	19883
	28684
	28685
	28686
	38528
	72480
	81101
Hughes T	28416
Hughes T E	85570
	93693
Hughes T J	5459
	22213
	27969
	53493
	59770
	76313
	90593
Hughes W	79944
Hughes W F	49904
Hughes W G	14524
Hughes W J	34772
Hughes-Gibb A P	73998
Hugi T	74917
Hugli E	54597
Huglin P	81334
Hugo D	18285
Hugo J F du T	8614
Hugo W J	5709
	16008
	24133
	57235
Hugon de Scoeux F	60932
Hugony E	69639
Hugot E	48616
Hugues A J	30665
	82374
Hugues L	14077
Hugues P	81994
Huguet	40537
Huguet del Villar E	2574
Huhle F	8706
Huhtanen C N	84313
Huidobro J G	58270
Huidobro y Serna L	36379
Huisman J	2771
Huisman L H	7038
	17344
Huisman T H	67875
Huisman T P	46923
Huizar Moran G	5948
Huizinga D S	10703
Hukari A A	48789
Hukill W V	18441
	86653
Hukuda H	93866
Hukutome T	11065
Hula L	40673
	46389
	57016
	63262
Hulbary R L	56309
Hulbert D I	9270
	15945
	24107
	85005
Hulbert H H	45065
	70830
Hulbert L S	46813
Hulet R	23113
Hulin J E	65636
Hull A C Jr	2365
	49280
	91038
Hull D	46195
Hull D O	31187
	44329
	53323
Hull F E	4083
Hull F H	81473
Hull F M	24820
Hull G	18688
Hull H	29271
Hull H H	40439
Hull H J (Hijo)	81995
Hull H S	65637
	65638
	73999
Hull J H	41538
	67166
Hull Mrs L M	90514
Hull R	18775
	29033
	38808
Hull W B	61012
	93917
Hull W Q	17759
	32082
Hull W W	40902
Huller F	50847
Hulme A C	39236
	81754
	87521
Hulme P G	74587
Hülphers G	35385
	53775
Hulse B	95987
Hulse E C	59664
Hulse J H	79587
Hulshof H J	29286
Hülsmann A	2866
Hulster I A de	3186
Hultén E	72394
Hultin E	76085
Hulting G	79804
	87857
Human J P E	43660
Human T P	26586
	38136
Humbert H	133
	38446
	47303
	89261
Humbert R P	49642
Humbert W	8373
	84192
Humberto O C	28770
Humble I	75597
	92035
Humble R J	33045
Humblet P	31344
Hume A N	73418
Hume D	9533
Hume D L	18689
	35722

	Item
Hume E P	49651
Hume H H	13273
Hume R E	79440
Humes A G	52367
Humes D	61689
	61695
	69507
	86505
	86506
Humfeld P H	11516
Hummel A	6175
	16388
	16389
	52245
	52246
	52247
Hummel F	94457
Hummel F C	3383
	50247
	50248
Hummel L E	15726
Hummelgren E	83558
Hummer R W	13533
Humphrey G L	83875
Humphrey J M	23026
	59389
	67422
	75952
Humphrey L M	20315
	39079
	73655
Humphrey R R	19647
	72927
Humphrey S S	72408
Humphreys E	36457
Humphreys E O	88772
Humphreys F E	70881
Humphreys F R	14970
	22707
Humphreys G	10704
	38166
	55069
	55664
	63793
	80486
Humphreys G C	45217
Humphreys G H W	87795
Humphreys R T	61356
Humphries A W	90348
Humphries C F	34336
Humphries E C	39080
Humphries W	45619
Humphriss E	17881
	62215
	79148
Humphriss E L E	25918
Humphry E V	69230
Hundevad K	72160
Hundley J M	96129
	96137
Hundt H	62108
	70117
	70163
Hundt K W	68207
Hunerwadel O K	37326
	95988
Huneycutt M B	81102
Hungarton Lord	7430
Hungate R E	22731
	41826
Hunger A	64901
Hunger E A	40876
Hunger W C	73554
Hungerford H B	16834
	16835
Hungerford T A G	324
Hungerford T G	23934
	28365
Hüni K	18034
	78729
Hunkel C H	49106
Hunkeler	93600
Hunkeler M	6176
	52248
	52249
	96212
Hünlich	26371
	26372
Hunnicutt W D	65119
	65120
	95799
Hunninen A V	6594
Hunsaker L R	42284
	42314
Hunscher H A	28186
Hunsecker T Jr	92441
Hunt A F	13945
	26949
	69231
Hunt Mrs B	46884
	96051
Hunt C A	13274
Hunt C H	56971
	67357
	83763
Hunt C R	61062
Hunt C W	70066
Hunt E L	93005
Hunt F	36505
Hunt H	51312
	84818
Hunt H R	18564
Hunt H W	59473
Hunt J C	14979
Hunt J L	65975
Hunt K E	45855
Hunt L G	33619
Hunt O E	16510
Hunt P Jr	7622
Hunt R	9701
	20007
	20008
	29868
	39649
	49652
	60567
	82120
	88117
	89506
Hunt R A	56514
	58234
Hunt R L	88871
Hunt R W	44910
Hunt R W T	68122
Hunt S	84673
Hunt T E	28548
	65639
	80980
Hunt W H	87858
	95338
Hunt W L	65640
Hunt W W	62607
Hünten H	37327
Hunter A O	70638
Hunter A S	17321
	81611
Hunter D L	70663
Hunter F A	16573
Hunter F M	86507
Hunter G C	9814
Hunter G L	21941
	74852
Hunter G N	41274
Hunter H E	46665
Hunter H R	51700
Hunter I R	9026
	67969
Hunter J	20273
Hunter J A	548
	25509
Hunter J E	8374
	33206
Hunter J G	73168
Hunter J J	18280
Hunter J R	39612
	47965
Hunter M E	12125
Hunter R	38774
Hunter R S	83657
Hunter V	33487
Hunter W A	87217
Hunter W L	18035
Hunter W T	92693
Huntington F D	1981
Huntington H	9534
Huntington Mrs R W	56146
Huntley D N	73357
Huntley G	72690
Huntsinger A E	3053
Huntsman C M	44028
Huntzinger H O	80487
Hunziker F	91863
Hunziker O F	61848
	62608
Hunziker T	64597
	91560
Hupfauer M	17322
	62911
Hupfeld H	93601
Hupka E	5052
	5808
	68334
Hupkes C M	46481
	54476
Huppert V	20316
Hurcombe R	787
Hurd A	10087
	23053
	86524
Hurd E B	27818
Hurd L M	5460
	18944
	44260
Hurd P D Jr	5881
	24997
	43721
Hurd R	4964
Hure B	14463
Hurford A W	11808
	28890
	47578
	56515
Huri (R & E) and Co	38024
Hurlez H	30786
Hurlburt R W	39495
Hurlbut H S	25131
Hurlbut L W	44093
	78686
	78687
	79588
Hurley P J	48667
Hurley R	17695
Hürlimann H	47246
Hürlimann M	23742
Hurlimann-Hess A	68058
Hurpin B	85645
Hurpin J	34024
Hursh H J	66345
Hurst F	38301
Hurst F J	10289
	10891
	13695
	20666
	27276
	46814
	48447
	56111
Hurst F M	12143
Hurst G	6177
	6178
Hurst H	90157
Hurst J	9155
Hurst M J	46666
Hurst T L	81768
Hurt B C	39896
	48872
	57387
Hurt R H	11809
Hurtado F	80659
Hurtig I	47523
Hurtt L	10589
Hurwicz H	95308
Hurwitz L	43260
Hurwitz S	91032
Hus P	28760
	38580
	38581
	43193
	56394
	82216
	89611
	90632
	93420
Hus S	75687
Husaini S A	44802
Husak N	22490
Husam	71757
	88704
Husbands R C	16784
	34425
Husby M	33675
	93149
Huschke	23054
Husemann C	2929
	49887
	49888
	63507
	71550
	71551
	78486
Huskins C W	54226
Huss B	31110
	55220
Huss E	41228
	41229
	58806
Hussain A	67284
Hussain M A	22043
Hussain M S	3482
Hussain S M	28891
Hussein A H	94954
Hussemann D L	7461
Hussey C	57710
Hussey F P	63719
Hussey F W	71961
Hussey N W	78026
Hussey R F	24922
	61052
	68820
Husson C	29203
	56908
Husson J	48322
	65976
Hussong R V	79002
Hustache A	60834
Husted R	4323
Hustedt F	11553
Hustich I	29567
	50168
Huston D	63304
Huston E	76450
Huston T M	76813
Hustrulid A	69485
	69722
	69723
	86675
Hutchcroft C D	20602
	73452
Hutchcroft T	17696
	45000
	64078
	71429
Hutchens J O	64769
Hutchieson J A	16390
Hutchings L	69391
Hutchings B L	47517
Hutchings L M	5816
	9349
	16109
	42241
	42242
	52014
	85229
	85281
Hutchings R S	5157
	5158
	15727
	23743
	33132
	42535
	51533
	60022
Hutchings S S	3892
	78125
Hutchins A E	57487
Hutchins L M	85345
Hutchins R E	43194
	43195
	68556
	85364
Hutchinson C	84320
Hutchinson C F	79400
Hutchinson D E	76057
Hutchinson H	7431
Hutchinson J	5768
	5769
	5770
	5781
	15279
	15280
	32632
	42155
	43009
	43039
	46390
	51922
	55110
	80273
	95800
Hutchinson J B	747
	1292
	28549
	28977
	29655
	70705
	87601
Hutchinson J E	90940
Hutchinson K T	45187
	46815
	74813
	88872
	91414
Hutchinson L J	21839
	27715
	55468
Hutchinson M T	24938
	52645
Hutchinson P B	11964
Hutchinson W B	35989
Hutchinson W H	92808
Hutchison C S	71845
Hutchison O K	41450

Item

Hutchison P C 30264, 89015
Huter R 71172, 84599, 84600
Huther M 52445
Hutner S H 229, 73223
Hutnik R J 75146
Hutschenreiter C 67358
Hutson D B 80488
Hutson H C 57236, 58271
Hutson H P W 31898
Hutson L R 67631
Hutson R 60568, 60835, 93421
Hutson W S 36578
Hutt F B 15728, 22764, 23744, 23933, 33133, 42536, 42672, 51621, 60023, 84766
Huttar J 45856
Huttar J C 9535, 9536, 35333, 45857
Hüttebräuker 8375, 10705, 10706, 27970, 71267, 95989
Huttel N 43514, 43520, 43521, 60926, 68748, 77854, 77989, 85846, 93861
Huttel W 43514, 43520, 43521, 60926, 68748, 77854, 77989, 85846, 93861
Hüttemeier K 62609
Hutten H 59319
Hüttenbach H 28892
Hüttig C 7981, 94758
Huttleston D G 12970
Hutto W H 95149
Hutton C G 50446
Hutton E M 11999, 12000, 29003, 47632, 47633, 72847, 72848
Hutton G 8489, 26373
Hutton J 5159, 33134, 84767, 92914
Hutton J A 86751
Hutton J T 87074, 94802
Hutton K E 89612
Huwiler 1193
Huxley J S 77170
Huzurbazar V S 7666, 55111
Hvamb G 50453
Hvass J 64448
Hveding A 14356, 41082
Hvidsten H 4482, 51112, 59771, 67559, 92206
Hviid A 31634
Hvoslef O 31810, 67008
Hyam G 1982, 57711, 57836
Hyams E 13095, 13096, 13472, 21266, 21624, 35503, 46277, 89990
Hyams E S 74409
Hyde A D 69576
Hyde C E 76225
Hyde G E 6793, 34590, 60569, 61202, 61203, 61204, 61300, 68951, 78126
Hyde H A 89196
Hyde J T 3187
Hyde Sir R R 37196
Hydén S 50908, 59872
Hyder E 51392
Hyer R J 5258
Hygen G 12921, 47164, 56177, 81589
Hyland J 75452, 83509, 91975
Hyland K E Jr 16494
Hyland M L 92207
Hyler J 22617, 32136, 50510
Hyler J E 3567, 3590, 3598, 3662, 3663, 3664, 14763, 14776, 14777, 14868, 22614, 22615, 22616, 22618, 31924, 41311, 41488, 41489, 41490, 50454, 50455, 50498, 59022, 59023
Hyler J E 67135, 67136, 75469, 75470, 75471, 75558, 75559, 83510, 83570, 83585, 83596, 83678, 92064
Hylkema A 53906, 70164
Hylkema M K 35723, 87719
Hylmö B 74170
Hyman H D 41539, 59064
Hymas T A 33324
Hyndle-Szmit B 41589
Hyre H M 15729, 23816, 33135, 51572
Hyre R 11810, 11811
Hyre R A 89613
Hyslop J R 27633
Hyson C D 17599
Hyzer A L 93201

ÍAblokov A S 22302
ÍAblokov A S 31702
ÍAblonskaÍa G V 62624
ÍAblonskiĬ V 25438
Iacobacci A 95330
Iaconis C L 12349
Iaer W von 75220
ÍAkhontov P 26174, 45001
ÍAkhontov V V 24745
ÍAkimov N N 33053
ÍAkobson ÍU G 2155
ÍAkovlev A A 84601
IAkovlev A ÍA 91110
ÍAkovlev G D 22461
IAkovlev L 36646
ÍAkovlev M I 31703
IAkovlev M S 89834, 89835
ÍAkovlev P 35121
ÍAkovlev P M 78890
ÍAkovlev P V 82845
ÍAkovlev V 53110
ÍAkovleva S 23055
ÍAkovleva V V 12350, 20317, 89991
ÍAkovŤev G 52964
ÍAkubov T F 58713, 91483
ÍAkubovich B M 31878
ÍAkubovich S V 24038
ÍAkubovskiĬ N 77419
ÍAkubtsiner M M 20318, 20555, 56733
ÍAkushev V I 67632
ÍAkushev V V 22491
ÍAkushkin I 39347
Iakushkin I V 48448, 48580, 57084, 57163, 57375, 64919
ÍAnovitŠkii K F 25313
ÍAntŠevich A F 90972
ÍAnushevskiĬ E S 33999
ÍApaskurt V V 27128
ÍAremenko I I 34686
ÍAremko N 25445
ÍArmola G A 88008
ÍArosevich G 41838
ÍAroshenko P D 639, 38857, 38858
ÍArov I I 33559
ÍArovenko A 46450
ÍArovoi A 27634, 44189
ÍArtsev V N 31111
ÍArusov S S 58272, 82849
ÍAshchin Kh 55379
ÍAshchuk A P 74588
ÍAshvili N 10088
ÍAsinskii V N 24536
ÍAskin S I 29718
ÍAŠenko V G 20699, 40337
ÍAŠyna L T 6853
ÍAvorskiĬ A 61398
ÍAvorskiĬ M 35071
ÍAzovskikh T A 74225
IÁzvitskiĬ M N 13097, 49653, 74744
Ibáñes Ibáñes M 67449
Ibañez C 12527
Ibañez J 12527
Ibañez R L M 79945
Ibaragi T 50385
Ibarra D 37328
Ibarra Grasso A 52368
Ibberson J E 13275, 30550, 72691, 75373
Ibisu S 88048
Ibrahim I A 11812
Ibrahim R 63390
Ibsen H L 23707, 33093, 42511, 92442
Ice R M 54646
Ice T M 84197
Iceland Hagstofa 44621, 53590, 78846, 80616
Ichildar B 51820
Ichimura S 11568
Idaho State Grange 19418
Iddings A 32223
Ide M 5817
Idema K 17488
Idleman A E 55508, 55509, 55510
Idtse F S 41660
Idvall S 3893, 4619, 10234, 32528, 32245, 37597, 45104, 51010, 77051
Iechika K 55928
Ienohikari Association 19340
Iersel A van 56147
Ierusalimskii N D 56734, 56735
Igaue I 86063
Iggo A 33582
Iglesias R 74545
Ignacio P J 33870
Ignat'eva M B 51454, 84602
Ignatieff V 2772, 49654, 49655, 58273
Ignatiŭk A G 32166, 32167, 32168
Ignatius J G W 8928
Ignatov V 35990
Ignatovich G M 439
Ignatovich V P 77420
Igolen G 9419, 18474
Igonin I 90454
Igon'kin V G 62610
Igoshin A 68189
Igoshina Z I 49189
Iguchi K 76058
Ihde A J 89117
Ihlen N 50236
Ihlen N N 58744, 66904, 66905
Ihlens N N 75203
Ihssen 6454
Ii M 68887
Iida T 26950
Iijima T 18230, 18322, 62611
Iinuma J 28302
Iizima K 94098
Ijichi K 44585, 53553
Ikeda H 78243
Ikeda W S 85905
Ikenaga M 11126
Ikenaga S 11126
Ikoma H 43071
Ikram-Ul-Haq M 90594
Ikutake M 57837
Ilagan J 63720
Ilančić D 51345, 59474, 59909, 84084, 92443
Il'asov G K 53069
Ilchenko W 82713, 91180
Ildis 36273, 86654
Ilić B 16573, 16574, 16575
Il'in A 53369
Il'in B A 41303, 41339
Il'in G S 64898
Il'in M M 87, 47165, 64030
Il'ina A I 57237
Il'ina M 35037
Il'ina V N 45540
Il'ina Z M 24294
Il'inskiĬ A A 73744
Il'inskiĬ A I 24390, 94099
Iljin W S 12351, 20451, 21528, 47966, 49656

	Item
Ilkmen S N	80274
Illanes Abbott E	71962
Illankoon R L	82618
Illies R	9670
	69809
	70532
Illies Z M	73169
	91752
Illingworth J	1194
	43040
	95922
Illingworth J W	45188
Illinois Board of Vocational Education	71847
Illinois Chamber of Commerce Agriculture-Industry Relations Committee	10089
Illinois Co-operative Crop Reporting Serv	44622
	61885
	61886
Illinois Crop Improvement Association	39274
	39591
	48581
	57085
	63076
	95466
Illinois Dairy Products Association	45002
Illinois Dept of Agriculture	61886
Illinois Dept of Public Health Div of Hospital Construction and Serv	28178
Illinois Dept of Registration and Education Natural History Survey Div	53142
Illinois Fieldmen's School	40197
Illinois Fruit Council	57411
Illinois Legislative Council	71733
Illinois State Grange	88873
Illinois State Horticultural Society	29892
	57411
Illinois University	62919
Illiuvieva V P	58307
Illner F	8376
	9376
	14285
	26911
	53649
	80385
Illner O	69337
Ilmurzynski E	66938
Iloğlu A S	37106
	37107
Ilon B	3568
	22246
	31899
Ilse	27971
Ilton C D	34025
	60684
Ilvessalo M S	41578
	50588
Ilvessalo Y	41101
	83353
Imahori K	81068
Imai G	18839
Imai S	50376
Imam M	62383
Imangaziev K I	21704
Imaseki I	12549
	81590
Imayuki T	18335
	95127
Imazeki R	28687
Imazu T	13487
Imbert E A	71848
Imbert R	875
	876
Imhof K	7979
	25992
	86914
Imhoff H	52096
	76934
	77226
Imig C J	38109
Imle E P	11663
Immendorfer E	87796
	87797
Imming B J	45345
	87400
Imper A D	37586
	37587
	37592
	46484
Imperial Bur of Soil Science	13739
Imperial Chemical Industries	10411
	63977
	88586
	90341
Jealott's Hill Research Station	73364
Imperial College of Tropical Agriculture	27972
Implement Record	61357
Imshaug H A	11594
Imshenetskiĭ A	39237
Inagaki C	55928
	76697
Inagaki N	96130
Inagawa G	81591
Inal S	41120
	73170
Inariyama S	12144
Inch R	7112
Incho E J	43878
	52855
Inciarte R	17834
	25919
Inciong A P	45957
Indart H N	16212
	53494
Inden T	58274
Inderau K	40965
India Laws Statutes etc	10489
India Meteorological Dept	38278
India Ministry of Food and Agriculture	
Directorate of Economics and Statistics	7667
	9438
	45190
	45992
	94649
	95317
India Registrar of Co-operative Societies and Director of Agricultural Marketing and Rural Finance	46816
India Silvicultural Conference	14335
Indian Agricultural Research Institute	72240
Indian Central Cotton Committee Technological Laboratory	79302
	87250
Indian Central Jute Committee	8490
	62384
Indian Central Sugarcane Committee	63130
Indian Central Tobacco Committee	71173
Indian Coffee Board Research Dept	13696
Indian Conference of Social Work	19283
	46599
Indian Co-operative Congress	88874
	95801
Indian Dairy Science Association	20667
	78964
Indian Institute of Sugar Technology	36922
Indian Jute Mills Association Research Institute	79275
Indian Mercantile Chamber of Ceylon	63851
Indian Paper Makers Association	32083
Indian Society of Agricultural Economics	27238
	37068
	88151
Indian Statistical Institute	96251
Indian Tea Association	2463
	53650
Scientific Dept	30666
Indiana Academy of Science	19607
Indiana Corn Growers Association	81858
Indiana Dept of Conservation	24345
Indiana Farm Bur	19020
	28076
Indiana Farm Bur Cooperative Association	80562
Indiana Horticultural Society	12922
Indiana State Dairy Association	7889
	86853
Indichenko N P	27086
Indoh H	81103
Indonesia Bosbouwproefstation	3304
Indonesia Penerbitan Kantor Pusat Statistik	28128
	72046
	80617
Industrial Surveys Co	86573
Industrial Waste Conference	35240
Ineichen F	71430
Infanger A W	41540
Infield H F	80276
Inforzato R	56814
	56846
Ing E G	13098
Ing W J	47047
Ingalls J E	51060
Ingalls W L	5329
Ingebo R D	36685
Ingelström E	47339
	43722
Ingemann S	55225
	80170
Ingendoh J	26539
	45383
Inger A	36608
Ingersoll F S	73419
	81859
Ingersoll H K	80576
	96063
Ingerson H	93422
Ingerson H G	11664
Ingham C R	3257
Ingham Van W	21077
Ingillo T V	8629
Ingjaldsson H	9851
Inglis B	63508
Inglis H A	88020
Inglis J S S	23311
Ingmand E B	15174
Ingold C T	56340
	72481
Ingold G A	68567
	77475
Ingraham L L	70592
Ingram C	38354
	74000
Ingram F A	40502
Ingram F R	8861
Ingram G R	23935
Ingram J W	5949
	25044
	61166
	93366
	93423
	94100
	94101
Ingram M	78780
	79726
	94576
Ingram P L	51084
Ingram R H	67275
Ingram W J	25610
Ingram W T	19778
Ingwersen W	1983
	13276
	21109
	21110
	30265
	40023
	48997
	65641
	65642
	65643
	65644
	65645
	82375
	82376
	90814
Ingwersen W T T	57712
Iñiguez Garcia J	2200
	13473
	40198
	81996
Inman B T	74853
Innes D	41827
	50848
Innes F R	17517
Innes G D	80489
Innes J R M	33583
	41828
	50849
Innes J R M	50850
	59851
	67359
	72195
	75875
	75876
	92294
Innes R F	39601
	66346
	70790
Innes R R	39605
Ino T	28651
Inofatov A	94984
Inomata T	50574
Inose O	15023
	50620
	50638
Inoue E	77421
	90240
Inoue H	17013
Inoue K	26374
	62385
	62386
	70403
	70404
Inoue M	77227
Inoue R	9254
	64349
Inoué S	20161
Inoue T	25698
	60685
	89853
Inoue Y	56847
Inoul T	24539
Inouye Y	67092
	67187
Ins G von	76631
Insco J C	40503
Inskeep G C	3767
	35387
	95175
Inskeep J J	9977
	57238
Inskip W L	1984
	74001
Insko W M Jr	15995
	23906
	24007
	76788
Institut de Recherches du Coton et des Textiles Exotiques	94955
Institut des Recherches sur le Caoutchouc en Indochine	13697
Institut Experimental des Tabacs	29869
Institut für Landwirtschaftliche Marktforschung Bruanschweig-Volkenrode	61758
	86574
Institut für Lebensmitteltechnologie	35203
Institut für Raumforschung	55589
	58437
	71682
Institut National du Bois	75515
Institut	39275
National pour l'Etude Agronomique du Congo Belge Div des Plantes Vivrières	54977
	81860
Institut Pasteur d'Algérie	59321
Institut Pasteur de l'Afrique Occidentale Francaise	59320

Item

Institut Pasteur de la Guyane Française et du Territoire de l'Inini 59322, 85374
Institut pour l'Encouragement de la Recherche Scientifique dans l'Industrie et l'Agriculture 28366, 89161
Institut Professionnel de Controle et de Recherches Scientifiques des Industries de l'Alimentation Animale 35894, 70321, 76184, 93230
Institute for Medical Research Federation of Malaya 33871, 55944, 55945
Institute for the Study of Georgia Problems University of Georgia 64015
Institute of American Poultry Industries 62988, 62989
Institute of Biology 86655
Institute of Brewing 61938
Institute of Food Technologists 69699, 69700, 69701
Northern California Section 25724
Institute of Inspectors of Stock of New South Wales 23056
Institute of Makers of Explosives 34730
Institute of Medical and Veterinary Science 4084, 92295
Institute of Pacific Relations 10546
Philippine Council 10090
Institute of World Economy Tokyo 9758
Institution of Civil Engineers 30732
Institution of the Rubber Industry 9602
Instituto Agrario Nacional 27487
Instituto Cubano de Estabilización del Azúcar 27129
Instituto de Fomento de la Producción 26793
Instituto de la Fiebre Aftosa 59323
Instituto de Quimica Agricola 13787, 13834
Instituto de Suelos y Agrotecnia 12074
Instituto do Açucar e do Álcool 88049
Instituto Nacional de Nutrición 55884
Instituto Rio Grandense do Arroz 36380, 86347
Instituut voor Landbouwtechniek en Rationalisatie 14032
Instituut voor Onderzoek op het Gebied van Verwerking van Fruit en Groenten 62599
Instituut voor Tuinbouwtechniek 56417, 94221
Insulander N 45620, 51864
Intengan C L 55878
Inter-American Conference of Agriculture 19691, 28343, 38268, 38269, 47097, 80171
Argentine Delegation 17499
Chilean Delegation 12202, 12768, 13583, 14262, 17555, 17672
Uruguayan Delegation 14184
Inter-American Economic and Social Council Comisión del Café 61939
Inter-American Institute of Agricultural Sciences Admin Committee 15087, 47098
Inter-Regional Research Conference of Cooperators on X-Disease or Hyperkeratosis of Cattle 32731
Inter-University Case Program 44342
International Apple Association 8630, 39813, 70504
International Association of Governmental Labor Officials 63314
International Association of Ice Cream Manufacturers 35724, 53714
Dept of Statistics and Accounting 8062
International Association of Milk and Food Sanitarians 45003
Committee on Communicable Diseases Affecting Man 44911
International Association of Milk Control Agencies 69916
International Bank for Reconstruction and Development 27463, 27464, 37053, 37060, 37291, 63391, 63412
International Beekeeping Congress 52250
International Catholic Congress on Problems of Rural Life 37743
International Congress on Animal Breeding 41661
International Congress of Crop Protection 11665
International Cotton Advisory Committee 8491, 70405, 72047, 79276, 80618
International Cotton Congress 29656
International Crop Improvement Assoc 81801
International Dairy Federation 8118
International Farm Youth Exchange Project 19692
International Federation of Agricultural Producers 11291, 37945
Sub-committee on Agricultural cooperation and Rural Welfare 37946
International Gerontological Congress 89027
International Labour Off 19225, 37108, 80096
International Landworkers' Federation 27370
International Mink Show 84584
International Paper Co 59065
Southern Kraft Div 14908
International Peasant Union 18850, 27494, 27973, 88875
International Rice Commission 66347
Working Party on Fertilizers
Working Party on Rice Breeding 57075
International Seed Testing Association 36873
Committee on the Determination of Seed-Borne Diseases 28761
International Seed Testing Congress 36873
International Silk Association 45242
International Society of Photogrammetry 75221
International Society of Sugarcane Technologists 95513
International Sugar Council 36923
International Superphosphate Manufacturers' Association 50041
International Tobacco Congress 18816
International Union of Biological Sciences 640
International Union of Forest Research Organizations 31345
International Veterinary Congress 83876
International Veterinary Congress of Zootechnics 32342, 50851, 75877, 75878
International Wool Federation 94956
International Wool Secretariat 45191
International Wool Textile Organisation 87190
Internationale Offentliche Landwirtschaftliche Tagung 37329
Internationale Tabakwissenschaftliche Gesellschaft 18816
Intrisano F 1293
Inudo Y 42916
Invrea F 16905, 19648, 78027
Ioff I G 61301, 61302, 61303, 61304
Ioffe A 77075
Ioffe M D 47967
Iofinov S A 61358
Ionides M G 21881
Ionov I 61575
Iosifov P A 58919
Iowa Academy of Science 63979
Iowa Corn Research Institute 21267
Iowa Crop Improvement Association 39276
Iowa Dept of Agriculture 55979
Dairy and Food Div 17556
Div of Agricultural Statistics 7670
Iowa Farm Bur Federation 37947
Iowa Poultry Improvement Association 42773
Iowa State Apiarist 34026
Iowa State College of Agriculture and Mechanic Arts 27495, 89084
Dept of Agricultural Engineering 25265
Iowa Swine Producers Association 79732
Ippolitov K 41340
Ippolitov M S 67415
Ipucha Aguerre J 65276
Irache J L 36924
Iran Ministère des Finances Admin des Douanes 63852
Iraq Dept of Customs and Excise 88946
Iraq Principal Bur of Statistics 25753
Irazusta Tolosana R 17760
Iregui Borda A 7462
Ireland J C 877, 56848
Ireland N 5461
Ireland Central Statistics Off 28130, 46924, 60740, 69739
Ireland Dept of Agriculture 20009, 20556, 21808, 22005, 22815, 23120, 23435, 23745, 24108, 24746, 55980, 90241, 90350, 91033, 91034, 92694, 93069, 93070
Ireland Irish Land Commission 10490
Iren S 73171
Irénée-Marie Frere 230, 28652, 38505, 72455
Irgens-Møller H 72340
Iriarte D R 52537
Irish A E 63579
Irish P F 86454
Irish Agricultural Organisation Society 72162
Irish Kennel Club 51359
Irmay S 74746
Irmer R O 13277
Irons F 93422
Irons J V 41829

Item

Irrigation Districts Association of California Water Economics Committee 58429
Irrigation Working Conference 66525
Irtel H 89747
Irurzun P M de 9487, 88968
Irvin C J 74589
Irvin H M 15354
Irvin T S 27974
Irvine D M 79015
Irvine F R 30667
Irvine G N 54477
Irvine O R 8101, 70223
Irvine T W 3383, 50247, 50248
Irvine W H 33408
Irving A J 90515
Irwin A W 25993
Irwin B L 19535
Irwin D 93257
Irwin D Jr 55929
Irwin D L 80829
Irwin H M 83788
Irwin J M 70505
Irwin M R 15898, 84251, 84757, 84859, 89085
Irwin W L 41452
Irzykiewicz H 61043
Isa J M 33744, 60175
Isaac C E 74002
Isaac C H 1584
Isaac E E 49160
Isaac L A 21774, 50304
Isaacs E S 88050
Isaacs G W 7386, 7564, 7623, 7624
Isaacs R L Jr 2573, 91305, 91306
Isaacson I 37598, 58275, 70609, 79401, 94582
Isachenko Kh M 22303
Isachenko Z F 51764
Isacsson H 55469
Isaev A V 90199
Isaev P 57086
Isaija B 57399
Isakova A A 40504
Isakovskiĭ V 7065, 7066
Isasi e Ivison P de 44693
Isbel J 69640
Isbell C L 2201, 2202, 21268
Isdale A M 66063
Isebaert 18409
Isely D 29287, 38447, 39052, 45941, 57239
Isenberg I H 59134, 75598
Ishaq S M 59092
Isherwood A W 94719
Isherwood F A 94515
Isherwood G P 84768, 92915
Ishibashi T 93006
Ishibashi Y 66122
Ishida N 28417, 64133
Ishida S 50479
Ishida T 11047
Ishida Y 89836
Ishiguro H 68184
Ishiguro S 88358
Ishiguro T 35991, 88359, 93526
Ishihara M 4324
Ishihara S 50573
Ishii H 28920
Ishii K 91194
Ishii M 47657, 50385
Ishii S 5053, 85571
Ishii T 93552
Ishii Y 74003
Ishijima K 64626
Ishikawa H 15003, 50621, 90046, 92145
Ishikawa M 29350, 30785
Ishikawa S 29582
Ishimura K 34419
Ishin D 31635
Ishin D P 41230, 41231
Ishitani F 34596
Ishizaki T 90012
Ishlinskiĭ A Iu 64619
Isi G B 76451
Is'ianov S 26838
Isings J 45229
Iskov B M 20433
Islam A K M A 6893
Islam A S 38913, 47765, 72395, 89837
Islanov G 40877
Islas S F 24939, 61063
Isle of Man Board of Agriculture and Fisheries 4085, 11173, 38167, 80721
Isleib J R 9815, 46101, 63244, 80034
Isler D A 93507
Islip H T 17761, 18615, 49350, 50577
Iso C 80883
Isola V C 31488
Isom N B 76537
Isotalo A 13799
Ispahani M A 35992
Israel Dept of Forests 3228
Israel Economist 27239
Israel Ministry of Finance Statistical Serv 72048
Israr-ul-Haq 4775, 70832
Issa E 64449, 89614
Issacovitch A 9348
Issekutz L 85969
Issendorff J v 77855
Issler A R 63721
Issler E 29055
Istituto Nazionale di Economia Agraria 55396
Istituto Superiore di Sanita 19609
Istok A 83155
Isupov A G 76060
Isupov A P 84603, 92809
Itagaki S 75879
Italy Alto Commissariato per l'Alimentazione 35204
Italy Istituto Centrale di Statistica 31346, 35418, 41001
Italy Istituto 46925
Italy Laws Statutes 37665
Italy Ministro del Lavoro 37197
Italy Senato Commissione dell'Agricoltura 19226
Itie G 1985
Itie Cantelue G 12971, 20668, 29719
Ito C 52147
Ito E 47968, 81591
Ito H 47969, 64770
Ito I 81480, 95596
Itô K 11813, 38688, 72692
Ito N 93550, 95904
Ito S 43082, 75728
Ito T 69020, 78244, 78965, 86056
Ito Y 35630, 50479, 93969
Itoh H 84877
Itschner H 53514
Itskovich E A 22526
Itzerott A G 15522, 32842, 42285, 44758, 67486
Itzerott H 85646, 93527
Iudanov I M 56736
Iudin A 24540
Iudin F 21768
Iudin F A 89105
Iudin K A 22378
Iudovich A L 79278
Iunash G G 75316
Iunatov A A 56180, 89516
Iunovidov A P 29288, 56849, 75243
Iurchenko S 8378
Iur'ev N 55380
Iur'ev P G 37198
Iur'ev V IA 39348
Iurgenson E I 91781
Iurgenson P B 81242
Iurin A I 62612
Iurin V P 748
Iurina O 57838
Iurka H 21375
Iurkevich I D 31489, 31636, 50169
Iurmaliat A 4776
Iurmaliat A P 59415
Iurochkin P I 48449
Irov A T 71127
Iurre N A 58807
Iurtsev B 56850
Iurtsovskiĭ M A 29720, 29721, 40199
Iushkov V 26175
Iusubov M K 73865
Iusufov S 94847
Iuvenskaia S I 57240
Iuzvuk V E 22448, 41312
Ivakhnenko D T 22097
Ivančević L 91111
Ivanchenko E A 47829
Ivanchenko G Z 47829
Ivanchenko I 34773, 34924
Ivanchenko I P 7156
Ivanchenko N 44124
Ivanenko N 34884
Ivanina L I 56143
Ivanitskii F 55381
Ivanoff S S 29289
Ivanov A 7113, 7157, 25207, 25574, 34884, 44125, 53370, 61455, 78432
Ivanov A A 34885, 61359, 78487, 78693
Ivanov A D 60356, 83877
Ivanov A P 20557, 39613
Ivanov A S 92137
Ivanov D A 20670
Ivanov E D 53257
Ivanov F 9777
Ivanov G S 58808, 89992
Ivanov I I 24541, 77423
Ivanov I M 90941
Ivanov I S 7114, 7128, 78891
Ivanov K 84878, 85255, 85256
Ivanov L A 3397, 39081, 89993, 89994
Ivanov L I 37495
Ivánov M 18507, 43072
Ivanov M S 67876, 84604
Ivanov P 40756, 40757
Ivanov P K 14033
Ivanov S A 54957
Ivanov S N 50027
Ivanov S Z 27130
Ivanov V 35038, 55665
Ivanov V K 82846
Ivanov V V 13698, 33005, 39915, 66869
Ivanova A 20126, 26047
Ivanova E 48851
Ivanova E B 30084
Ivanova E N 49381, 91251
Ivanova G M 26300, 90416
Ivanova S D 38914
Ivanova V 23121
Ivanova V I 32343
Ivanova V V 4325
Ivanova-Paroiskaia M I 34027
Ivanovic M 88360
Ivanovich K A 10707
Ivanovics G 4082
Ivanovskaia A A 49161
Ivanovskaia T L 3447
Ivanovskiĭ A I 48450
Ivanovskii B A 58920
Ivanovszky L 54728
Ivantsov I M 57542
Ivarson E 44912, 53824
Ivarsson B 3704
Ivarsson R 89769
Ivashchenko 22214
Ivashchenko 57502
Ivashko A 26892
Ivbulis IA A 29722
Ivchenko N P 54044, 59193
Ive H S 40674
Iveagh Lady G 15523, 27635
Ivens G W 49279
Ivens V 84678
Iversen C E 1369
Iversen K 2773, 21705, 22059, 31272, 40939, 50059, 58596, 66732
Iversen M 18238
Iverson K R 55226, 71211
Ives J D 33809
Ives J R 9203, 18508
Ives N C 3054, 26691, 36381, 86752, 94650
Ives P 15730, 33136
Ives P T 34338, 52534
Ivimey-Cook W R 38366
Ivin I A 57017, 90351

Item

Ivins J D 83764
Ivison M 19341
Ivoš J 59324
Ivy E E 16195
Ivy H W Jr 64990
Iwabuchi H 67926
Iwagaki H 12146
Iwakiri B 878
Iwakiri B T 47949
Iwami N 12352
Iwamura I 4086
Iwamura M 50361
Iwanaga I 32266
Iwanjuta W M 91699
Iwasa S 89896
Iwase T 17014 17015 17016
Iwashita M 50463
Iwata J 93551
Iwata K 16906
Iwata M 64851
Iwata T 89316
Iwema S 42063
Iwersen 66526 91415
Iya K K 7982 25920 25921 70224
Iyama J 91239
Iyengar G S 12850
Iyengar K G 12850 40200
Iyengar M O P 38915
Iyengar N K 56580
Iyengar R L N 1294
Iyengar S K 71963
Iyengar S N V 76314
Iyer C R H 2774 44694 82699
Iyer S G 15905 42774
Izaki M 13944
Izakson Kh I 7128
Izard C 23155 23162 29280 29281 47766
Izcua H 40675
Izíumskii P P 31704 91782
Izmailova A V 29723
Izmaĭlova S 37494
Izotov A 94392
Izquierdo A 29866
Izumi S 89562
Izzard A 53825 62109 62110
Izzard R J 43661

J E Ohlsens Enkes Plantepatologiske Laboratorium 81155

Jaag O 28688 39082
Jaap G 60024
Jaap G A 51534
Jaap R G 23921 33137 33138 33207 33391 42673 51622 55382

Jaasund E 11569
Jacalne D 21111
Jachimowicz T 39666
Jacini G 54729 70933
Jack E L 25993 69917 69991
Jack H W 8379
Jack J S 65858 90516
Jäck K 27761
Jackendoff R 8493 35993 79279
Jäckh E 16148 17017
Jackman E R 1370 2930 3055 10290 12769 80830
Jackman R 21112
Jackman R H 2575 40459 74454
Jackobs J A 48451
Jacks G V 31204
Jacks H 440 441 19920 20010 24684 25509 31232 33872 47398 47399 56395 56573 66672 66673 72565 81156 81157 89507
Jackson A A 30433
Jackson B C 45192
Jackson B N 51969
Jackson C 42156
Jackson C H N 85765
Jackson C L 4620
Jackson D 18633 26951
Jackson D D 15746
Jackson D F 89801
Jackson D J 6657 16576 68658
Jackson D L C 8494
Jackson F G 22215
Jackson G A Jr 9548 63005 71038
Jackson G F 80277
Jackson H 36579
Jackson H W 53695
Jackson J B 27497 30266
Jackson J G 23685 67877 84605
Jackson J J 32529
Jackson J M 12713
Jackson L 19107 80097 95669 96138

Jackson L E 55910
Jackson L W 84085
Jackson L W R 20088 56396 89995
Jackson M L 21537 40460 48286
Jackson M W 75540
Jackson N 2464 2676 14078 66227 84193
Jackson P K 85093
Jackson P T 26048
Jackson R A 24346 43122 61205 68953
Jackson R B 6595
Jackson R C 34750 45193
Jackson R F 4867
Jackson R W 9030
Jackson S 3515
Jackson S A 9977
Jackson T H 1752
Jackson T H E 17019 43805
Jackson T L 40676 49720 20006 58276
Jackson W 12111 57247
Jackson W E 58745
Jackson W S 40286
Jacob A 56596 50028 66348
Jacob A W 61759 61760 63794
Jacob E 67360 70639
Jacob G 67199
Jacob K 37
Jacob K D 58564 91529
Jacob S 15175
Jacob T A 6053
Jacob V P 77627
Jacob W C 11785 21358 21376 40287 66146 74677
Jacobelli G 40505 58140
Jacobi E F 1986 58277 74004
Jacoboni N 47767 82186
Jacobs A 7217
Jacobs A W 80563
Jacobs B F 13278
Jacobs D L 56297
Jacobs H L 30551 30552 30553
Jacobs K F 64678
Jacobs L 84879
Jacobs M B 45777 7463 7890 9439 17572 35504

Jacobs M R 3209 3398 3448 15024 29290
Jacobs P D 26587
Jacobs R 25808 25809 26456
Jacobs S E 25045
Jacobs T 16262
Jacobs W P 20319 64771
Jacobsen A P 25561 46279 46926 63392 71212 89014 94506
Jacobsen H 80981 80982
Jacobsen J B C 20671 64920
Jacobsen J F 91561
Jacobsen K A 67859
Jacobsen N A 4483 51212 87759 87776
Jacobson C 93478
Jacobson G 39334 40288 74278 91370
Jacobson H G M 21411 74439
Jacobson Mrs J 10708
Jacobson L 73210
Jacobson L A 52714 94102
Jacobson N L 4484 42064 49490 59668 76154 76185 76315
Jacobson O E 60168
Jacobson P 14185
Jacobson W 46817
Jacobson W C 4485 76320 92659
Jacobson W L 49890 66527 82990
Jacobsson G 57986
Jacoby 20320
Jacometti G 49657
Jacot A 63286
Jacotot H 24100 84321
Jacqmain D 69998
Jacquemin P 16777 85906
Jacques-Felix H 47247 64191 80983 81997 89317 89318
Jacquet J 17978 32770 32771 53776 58109 59714 67633 70225

Jacquet J 70226 76061 76376 84086
Jacquin M P 78892
Jacquin P 53651 35505
Jacquiot C 38 12353 56851 72629 75429 77228 83538
Jacquot R 43562 51765 52585
Jactel L 53183
Jadhav A S 8495
Jadin J 93918
Jaeger E 75102
Jaeger E C 65646
Jaeger F 68659
Jaeger H 91700
Jaeger K 31347 31861
Jaeger P 20321 66228
Jaeger R F 59708
Jaehner I 90942
Jaenke E 27975
Jaffe D 55744 71431
Jaffé W 3894 28179 53431
Jaffe W G 28226 50852
Jagannath H L 23216 23217
Jagenburg E R Jr 45283
Jagendorf A T 56692
Jager 78650
Jäger 41172
Jager A 73822
Jager F 74983
Jager G J de 10091
Jager J de 95802
Jagerschmidt 31637
Jagerschmidt J 14577 31526
Jägerstähl G 40288
Jaggi E 80172
Jaggi F P Jr 79727
Jagoe R B 29568 82619 82620
Jagow von 91820
Jagsch E 5555 42884 60282 60295 62783 76952
Jahn E 2614
Jahn E C 41641
Jahn G 91416 91562
Jahn R 3306 14464
Jahnke 73376
Jahnke R 65029
Jähni G 62656 73681 82504 82505

	Item
Jain A C	457
	11814
	11969
	38689
	56516
	56517
	72783
Jain J C	62900
	75506
Jain N C	3811
	50478
Jain N L	8862
	87323
	95131
	95133
Jain N S	95534
Jain S K	159
	19843
Jaitly P N	63287
Jaivenois A	69428
Jakob A	2775
Jakob R	7218
	17518
	44190
	44362
	61436
	61479
	61675
	69210
	69269
	69495
Jakobi U	55666
Jakobs H	63193
Jakobs V	87401
	87402
Jakobsen F	69641
Jakobsen H	13279
Jakobsen P E	33740
Jakobson T	83637
	92115
	92116
Jakovliv G	26478
	45309
	62490
	70533
Jakowska S	20162
Jaksch W	59312
Jalas J	47248
Jalogne A	45004
Jamaica Agricultural Society 4-H Clubs	37949
Jamaica Dept of Agriculture	11329
	17303
	69730
	84212
	84468
	96175
Veterinary Div	15176
Jamaica Dept of Commerce and Industries	35258
	44623
Jamaica Dept of the Government Chemist	30668
	69760
Jamaica Forest Dept	91601
Jamalainen E A	20011
James B	35631
James D	40024
James D H	88773
James E	13584
	91035
James G M	90158
James H	37827
	63681
James H B	25337
	37469
	37481
	61761
	79985
James H S	86437
James J	40025
James J A	80098
James J P	15281
James L E	28550
James L M	22186
	58619
	66853
James M F	68240
James M K	28131
James M O	47524
James M T	6533
	24821
	52538
	85744
James N	45537
James N D G	3367
	3449
	31638
	50093
	66988
James P E	27498
James P M	29291
James R	40024
James R B	89057
James R G	71076
James R S	36793
	51701
James R W	2776
	30960
James S	62961
James T H	13280
	40026
	83176
James T R	60475
	85261
James W L	18410
James W T	42393
James Manufacturing Co	17270
Jameson E W Jr	34179
	68612
Jameson H R	52177
Jameson W E	3056
Jamieson C A	6179
	24554
	45595
	57273
	60690
	60692
	77353
Jamieson S	79946
	84322
Jamieson W	34461
Jamikorn M	81759
Jaminet R	82700
Jamison F S	26457
	79458
	91433
Jamison H E	26049
Jamison S L	41786
Jamison V C	21506
	40405
	40758
	74426
Jamnback H	85719
	85745
Jamotte P	17940
	86915
	94848
Jämtlands Läns Hushållningssällskap	11174
	63980
Jamwal K S	1043
Jan von	35506
Janchen E	56148
	56284
Jancke	17019
	68954
Jancke O	5950
	16213
	24542
	52369
	77624
	93424
	93425
Jandolo E	2931
	2932
	55526
	82991
	95729
Jandt C H	8791
Jane F W	15025
	32188
	41646
	50639
	59135
	75715
	83679
Janecke H	35473
	73320
Janeiro J P	59194
	60401
	60422
Janér C O	9271
Janes B E	8667
	22203
	39083
	49891
	91433
Janes E R	74005
	74171
Janes J M	42383
Janes R L	6001
	40039
	64350
	85746
Janetschek H	78272
Jang R	70534
Janiak T	34517
Janichen O	91917
Jänichen-Dederstedt O	22421
Janicki J	75393
Janiszewski J	54478
	23312
	23626
	24295
	33725
Janne E E	1987
Jannone G	5887
	43197
	93970
Janosko T T	30267
Janover R G	17600
Janovski H	8119
Janowski B	22941
	32344
Janowski H	70165
Jans F C	71849
Janse J A	30268
	48998
	72286
	72396
	74006
	74007
	80984
	80985
Janse L C	7983
	25994
	53777
Jansen A	42775
Jansen B C	42362
Jansen B C P	19572
	89009
Jansen E	25666
Jansen E F	70534
Jansen J	5330
	15159
	16093
	42674
	51623
	51624
	68059
	84880
Jansen J H	63545
Jansen J J M	75177
Jansen K F R	87997
Jansen P	20661
Jansen W L	22145
Janson B F	47525
Janss P W	83765
Janssen	11302
Janssen F	35706
Janssen H J	9409
Janssen M	85939
Janssen R B	41436
Janssen R W	48617
Janssen W F	86594
Janssens E	52030
Jansson A	16907
	31468
	31559
	68888
	77725
	78028
Jansson H W	42157
Jansson I	7272
	7363
	53255
Jansson S	11970
Jansson S L	21529
	40288
	49658
Jante A	69338
Jänterä A	91864
Jäntti A	39496
Jantzen E	70934
Jantzen G	24450
Jantzen J J	13828
Jany E	77726
Jany W	45105
	45346
Janzen J J	79016
Japan Agricultural Land Bur	19227
Japan Bur of Agricultural Admin	27314
Agricultural Insurance Sect	
Japan Dept of Agriculture and Forestry	37330
Dept of Forestry	21942
Sect of Statistics	78847
Japan Economic Stabilization Board	37058
Japan Federation of Oil & Fat Industries	18634
Japan Ministry of Agriculture and Forestry	92296
Bur of Animal Industry	
Statistics and Research Div	71225
Japan Ministry of International Trade and Industry Machinery Bur	34774
Japanese Forestry Society	50094
Japp R G	67970
Jaquemin L	7763
Jaques H	86432
Jaquette D S	42641
Jaramillo P C	39419
Jaramillo-Arango J	13699
Jaramillo Vera A	92444
Jaray F F	30085
Jardas F	51784
	93135
Jardim W R	4486
Jardine J	32530
	67487
Jardine R	49755
Jardoux R	30434
Jarl F	4487
	5644
	15355
	32246
	41721
	42411
	50731
	51818
	76186
	76592
	92779
Jarlöv H C	75115
Jarman C G	49344
	79261
Jarnagin B	17279
Jarnigan R	46391
Jarousse H	70227
	94849
Jarovoy M	66228
Jarrett G	10291
	12770
	31059
	80533
Jarrett R M	13045
Jarrett W F H	84323
Jarrige J	52446
Jarry-Guéroult R A	56089
Jarvis C M	37199
Jarvis C S	1585
Jarvis D C	9156
	18475
	26764
	45599
Jarvis F V L	25046
Jarvis N D	46053
	54958
Jarvis P	55667
Jasewicz L	32244
Jaska E	10092
	37331
	71630
	80173
Jaskoski B J	85257
Jaśkowski L	22765
Jasmin J J	91018
	91019
	91020
Jasny N	18851
	53515
	69665
Jasper A W	95388
Jasper D E	43090
	51180
	51833
Jaubert P	47634
Jauch C	47526
Jaulmes J	53652
Jaume J	45621
	87720

	Item
Jaume L	74747
Jaumes L	9031
	54567
	86157
	86158
	87602
	88193
Jaunin R	52178
Jáuregui J S	40759
	66623
	91371
Jausions J	38025
Javaloyes y González J	6612
Javarone D	71432
Javier S V Jr	66194
Javier Gazzo F D	77300
	77301
Javillier M	19649
	48102
	81592
Jawant D	95730
Jaworski K	33046
Jax P	35821
	53778
	53779
	62111
	70228
Jay B A	11469
	83586
Jayaraman M V	66406
	66560
Jayasuriya G C N	11124
Jayawardene O D S	20880
Jayewickreme S H	16773
	17159
	52601
	61020
	93919
	93920
Jayme G	15004
	22746
	22747
	41647
	50622
	75599
	92096
	92097
Jaynes H Jr	46798
Jaynes M C	46758
	46895
Jazewitsch W von	64127
Jealott's Hill Research Station	1099
Jean J	51702
	67971
Jeanneau Y	90551
Jeannel R	16577
	43445
	52447
	77727
	85647
Jeannin	65245
Jeans P C	46981
Jeanty G	25351
Jeater G	13010
Jebe E H	56123
Jebens H	55836
Jeberin H	25216
	34823
	34824
	44029
	61399
	69161
Jeckell F L	61940
Jedlička A	24747
	85648
Jedlička J	28483
Jedwab D	7219
	44126
Jeekel C A W	77625
Jeffers F H	80025
Jeffers J	3383
	50247
	50248
Jeffers R L	38636
Jeffers W F	2204
	28961
	28978
	28979
	40240
	64450
	81243
Jefferson F	43446
Jefferson F J	14658
Jefferson R N	34462
	34463
	52787
	52788
	85747
Jefferson W E	1035
Jefferson-Brown M J	30269
	65647
Jeffery C W	56852
Jeffery H E	33531
	33532
	33620
	42896
Jeffery K B	84729
	92875
Jeffery M W	56334
Jeffery W	92445
Jeffords D B	31490
	65648
Jeffree E	30669
Jeffree E P	24543
	24544
	49351
Jeffrey F P	5160
	23746
	27007
	51535
	68123
Jeffrey L M	20322
Jeffrey R N	27191
Jeffreys M D W	13856
	52889
Jeftić M	66870
Jegourel H	59665
Jehle R A	11815
	40201
	56518
	78433
	81244
Jehlik P	55347
Jehlik P J	46600
	80099
Jelavić A	90292
	91195
Jelem H	22281
	41313
Jelenc F	641
	11536
	29101
Jelensky C F	91196
Jelies H	90943
Jelinek A G	43271
Jelitto C R	13281
Jeller P	83244
Jellison W L	69035
Jelmoni E	16391
	22654
	52789
	74748
	82262
	96231
Jelsbak E	26176
Jeluśić K	88876
Jen H	55527
Jenik L	63795
	71964
Jenkin T J	789
Jenkins A	76062
Jenkins A C	7169
Jenkins A E	11744
	11757
	11816
	11817
	11818
	56324
	56518
	81104
	81244
	89681
Jenkins B C	73254
Jenkins C F H	43723
	68418
	78127
Jenkins D	15410
Jenkins D W	6591
	43621
Jenkins F H	62523
	79344
Jenkins G H	95514
Jenkins H	19715
	36564
Jenkins H B	64534
Jenkins H M	14725
Jenkins J A	20213
	29169
Jenkins J E E	28860
	64418
	72655
Jenkins J H	75516
Jenkins J M Jr	2359
Jenkins L	34591
	38582
	38622
	38625
	38626
	94103
Jenkins L P	96052
Jenkins M H	38147
Jenkins M T	29569
	47527
	48287
	48335
	73420
	85375
	89615
Jenkins P T	47528
	47612
	72693
Jenkins T A	3057
Jenkins W A	37223
	37244
	37496
	64351
	64560
	72566
	72567
	72849
	81245
Jenkins W F	39896
	48872
Jenkins W G	78227
Jenkins W R	12075
	12354
Jenks G F	55234
Jenks J	35205
	86525
Jennen A	86780
Jenner C E	39140
Jenness J L	58513
Jenness R	17883
	44816
	62065
	78999
	79010
	79055
	79125
	94845
Jennette O C	41026
Jenni E	15282
Jenni W	43724
Jennings A R	4542
	15953
	51213
	75880
Jennings B A	34921
	37200
Jennings F C	71077
Jennings H S H	65121
Jennings J	5462
	7307
	42776
	68009
Jennings L G	22589
Jennings O E	64260
	80921
Jennings O M	2205
Jennings R D	45910
Jennings R T	70067
Jennings W G	17873
Jennison M W	90102
Jennissen L	35632
	86854
Jenny G	41922
Jenny H	13770
	38302
	66190
Jenny J	30021
	86322
Jenrette J P	25656
Jensen	7891
Jensen A	51911
	51912
Jensen A H	60413
Jensen A L	46159
Jensen C B	45631
Jensen C E	22275
	22286
Jensen C F	31798
	75362
Jensen C H	66095
Jensen C O	36987
Jensen C U	17993
	70250
Jensen D D	5881
	16836
	38809
	52646
	85847
Jensen E	6983
	58809
	80986
Jensen E A	45778
Jensen E H	32843
Jensen E J	95883
Jensen G H	24545
	95213
Jensen H	62221
Jensen H C	17160
Jensen H E	4886
Jensen H J	20118
	72884
	73362
Jensen H L	30758
	44624
	49460
	49461
	58134
	74478
Jensen H M	7892
	11253
	26177
	38215
	56023
	94720
Jensen H R	1095
	46483
	69618
Jensen I C B	89508
Jensen J	17882
Jensen J A	77302
Jensen J H	29004
Jensen J M	8242
	70229
	94803
Jensen J W	13282
Jensen K	51447
Jensen K A	73172
Jensen K S	8243
Jensen L	7893
	70568
Jensen L S	9537
	27008
	27009
	42596
	62990
	95415
Jensen M	27913
Jensen M C	21864
	74749
Jensen M L	46818
Jensen M W	36794
Jensen N C	43313
	52251
Jensen N F	1195
	11819
	25570
	56519
Jensen P	51447
	74590
Jensen P B	81425
Jensen P E	2360
Jensen R A	75337
Jensen S P	10093
Jensen S T	82701
Jensen T S	28132
Jensen V	12923
Jensen V S	14578
Jensen W	15005
	32084
	32085
	32161
	39084
	59066
	75600
	75601
Jensen W S	79402
	87435
Jenson D D	68821
Jenssen J	14753
Jentgen H	8496
Jentzsch D	33945
Jepma J	67488
	67489
Jeppson L R	5915
	24369
	29102
	34180
	60776
	68613

	Item
Jepsen A	26178
	70810
	84324
Jepson S	71552
Jepson T T	45631
Jepson W F	383
	5888
Jerdan A L	61762
	63796
Jericho A A	19419
Jermyn M A	38916
	48159
Jernstedt L R	9627
Jerome F N	23747
	60026
	92916
Jerzembeck R	5054
Jesness O B	10094
	19021
	37132
	55017
	61822
	71058
Jespersen J	77052
Jespersen N J T	25922
Jespersen T	45005
Jesse A	48852
Jessen	125
Jessep H G	53548
Jessup R V	4326
Jessup R W	78966
Jeter F H	38841
Jetne M	10435
	49162
	74279
Jetter C	25810
Jeuniaux C	52448
Jeurink	57839
Jeurink J	19342
	65859
Jevne J	35822
Jewell J	45858
Jewett H H	5951
Jewett L E	80051
Jewett R E	46667
Jewish Agricultural Society	88877
Jewish National Fund	22146
Jex W F C	94244
Jeyaseelan K N	91112
Jezequel P	59941
Jezeski J J	62140
	79150
	79157
Ježić J	59325
	62303
Jha A N	27762
	27819
Jhaveri J D	73173
Jilke W	44695
Jillson O F	76316
Jimenez O	41121
Jiménez Cuende F	13099
Jiménez de Abeledo M E	30773
Jiménez Pérez A	82702
Jiménez Salas J A	10095
Jinks J L	54730
Jinno T	30737
Jirikowski G	64679
	72974
Jnoff G	58901
	75419
Joachim G	8483
Joachim H F	48319
Joachim H R	92138
Joad C E M	66871
	46568
	88488
Joan M P	15997
Jobbins D M	43585
	43586
	43613
Jobling B	6534
	60933
Jobson A	35633
	78773
Jocham H	70230
Jochmann J	22422
Jocobi E F	65649
Joefe Y	25635
Joel D	83594
Joensson A	61941
Joffe J S	50008
	74910
Jofre J	18587
Joglar-Rodriguez F	20780
	21809
	40202
Joglekar R G	12635
Joham H E	73174
Johannesburg Produce Market	35259
Johannessen G A	879
Johannesson J K	880
Johannesson O	96053
Johanning A	7115
Johannsen O A	52519
Johansen J P	80424
Johansen O	75178
	91701
Johansen R	63393
	80490
Johansen R L	52539
Johansen V	83766
Johanson F D	5952
	47681
Johanson J	49892
Johanson R	12355
Johansson A	14909
	89262
	89319
Johansson A S	68889
	68955
Jonansson B	74984
Johansson E	1753
	1811
	20930
	24822
	30961
	39814
	39815
	57543
	73866
Johansson F	442
	58753
Johansson I	4621
	4777
	4778
	4955
	15643
	22766
	32959
	42286
	42403
	46392
	51214
	59475
	59476
	59666
	59883
	67634
	76063
	76064
	76317
	76318
	83703
	84087
	84325
Johansson I	84451
	84567
	92371
	92446
	92447
Johansson J	34775
	34956
	57950
Johansson K I	92172
Johansson N F	51348
Johansson O S	3704
Johansson R	16392
Johar D S	45430
John H	43447
	85649
John V	24551
John W W	44457
John Baptist Sister	38082
John Innes Horticultural Institution	82132
Johndrew O F Jr	9538
	9539
	18690
	27010
	36795
	54781
	62991
	79853
	87941
	95389
John C A	64680
Johns C K	7039
	8244
	34816
	44803
Johns D L	58430
Johns D M	65060
Johns J M	78488
Johns R	4841
	4842
	4843
	38810
Johns R H	4844
Johns W M	55383
Johnsen L	40579
Johnsen P	6180
	6181
	6182
	68557
	93602
Johnsen V	2576
	66349
Johnsen V L	87899
Johnson A	8497
	20758
	81439
Johnson A A	48452
	56519
	81802
	81998
	88020
Johnson A C	10292
Johnson A D	53074
	86227
Johnson A E	65710
Johnson Mrs A E	65710
Johnson A G	56219
Johnson A H	15731
	18691
	24033
	25995
	42537
	70068
Johnson A M	32094
Johnson A R	4327
Johnson A T	1988
	13283
	19759
	21113
	21114
	21115
	48999
Johnson A T	49000
	65650
	74008
	74009
Johnson A W	6658
	47899
Johnson B	57168
	79054
	79280
Johnson B C	16078
	42051
	42922
	59564
	60445
	68240
	73322
	76760
	85227
Johnson B E	71850
Johnson B K	19611
Johnson B L	20214
	63057
Johnson C	36198
Johnson C E	80491
	91385
Johnson C G	77956
	85848
Johnson C J	14989
	41610
Johnson C M	48009
	56972
	73175
	81593
Johnson C W	41829
Johnson D	15988
	28180
Johnson D B	36253
	95099
Johnson D D	40506
Johnson D F	42184
Johnson D G	37201
	95635
Johnson D K	79498
Johnson D L	80492
Johnson E	7040
	17620
	22816
	55227
	64855
	81712
Johnson E A	7764
	14686
	18036
	33208
	41275
	60027
	60222
	61763
	61782
	71029
Johnson E C	66624
	71241
Johnson E G	86855
Johnson E L	5242
	5243
	8380
	23794
	23795
	23836
	23837
	33209
	47830
	67285
Johnson E M	56453
Johnson E P	4622
	5331
	5332
	42675
	42676
	42677
	51578
	51625
	60152
	60223
	93007
Johnson E W	3450
Johnson F	70231
	72846
Johnson F A	22282
Johnson F C	75453
Johnson F J	37713
Johnson F J G	3516
Johnson F S	58392
	91378
Johnson G	14034
	30962
	64451
	64890
	65651
	79498
Johnson G A	68499
Johnson G D	49970
	74750
Johnson G E	40804
Johnson G L	63159
Johnson G R	8155
	78967
Johnson H	72341
	72397
	89320
	90815
Johnson H B	87403
Johnson H D	18262
	18272
	36195
	62992
	94542
Johnson H P	58075
Johnson H P H	61360
	61456
Johnson H S	27277
	54927
	88723
Johnson H W	15483
	41774
	84407
Johnson I B	32247
Johnson I J	20252
	20490
	39277
	90188
Johnson I M	40027
Johnson J	11991
	55343
	57600
Johnson J A	9164
	13284
	36468
	45600
	74854
	87571
Johnson J C	38690
Johnson J D	45030
Johnson J E	2465
	21443
Johnson J F	44759
	69918
	69919
	70151
Johnson J H	43806
	52790
	68956
Johnson J M	18263
	86438
Johnson J P	44580
	64452
Johnson J R	72694
Johnson J W	14579
Johnson L	10096
	88781
Johnson L A S	80922
Johnson L E	32633
	39440
	42363
	42364
	65122
	84033
	92541
Johnson L F	51209
	64453
	72695

	Item
Johnson L H	32746
	78228
Johnson L P V	38971
	48288
Johnson L V	10709
Johnson L W	23913
	53715
Johnson M	3705
	44581
	46864
	53315
	62784
	75602
Johnson M A	38917
Johnson M D	30799
	30800
Johnson M L	41808
Johnson M M	63943
Johnson M P	1989
	1990
	1991
	13285
	40028
	49001
	49002
	57713
	90816
Johnson M S	85814
Johnson N M	28335
	64060
Johnson O	64068
Johnson O B	77424
Johnson O M	53958
	61782
Johnson O R	46191
Johnson P	18980
	68373
	93339
Johnson P C	9032
	10710
	19022
	35260
	44191
	44760
Johnson P E	29608
	35823
	66350
Johnson P T	43933
	43934
	78294
Johnson P W	77425
Johnson R	44761
Johnson R A	58979
Johnson R B	9671
Johnson R E	12076
	25552
	35072
	44141
	61659
	79116
	86292
	86471
Johnson R F	15283
	60402
Johnson R H	43807
	60777
Johnson R K	93426
Johnson R L	12356
Johnson R R	81761
	82377
Johnson R S	22247
	30050
Johnson S	8171
Johnson S D	92616
Johnson S E	10097
	27499
	31273
	34750
	37332
	46343
	83078
	91308
Johnson S M	35725
Johnson S P	39068
	47952
Johnson T	89996
	47083
	64454
	81246
Johnson T D	44484
	94557
	95190
Johnson T W	57395
Johnson T W Jr	11595
	28689
	56341
Johnson U	58944
Johnson V	73421
Johnson V A	52449
	90232
Johnson V E	14430
	41830
Johnson V K	26879
	95309
Johnson V L	22817
Johnson V O	46798
Johnson V W	37714
	83079
Johnson W A	3000
	74666
	80358
Johnson W B	12597
Johnson W C	2867
Johnson W M	2660
	91610
Johnson W T	15732
Johnsson H	3399
	50186
	83374
Johnsson P	33676
	53716
	66768
Johnston A	28949
	72696
Johnston B F	27500
Johnston C H	37277
	37621
Johnston C J R	61505
	77856
Johnston C N	58431
Johnston C O	64996
Johnston D D	8498
Johnston D R	83680
	92159
Johnston E G Jr	63160
	88118
Johnston E J	2641
Johnston F	4328
Johnston F B	49434
	64909
Johnston H G	52097
	52098
	68419
Johnston H R	60570
	77229
Johnston H W	22655
	64772
Johnston I M	38448
Johnston J	9377
	46280
	63394
	95235
Johnston J Jr	20558
	57087
Johnston J B	23218
	23219
Johnston J E	76065
	76066
	76123
Johnston J M	33930
Johnston J R	1291
	7085
	29514
	44109
	66340
	81833
	89162
Johnston J W Jr	1196
	57088
Johnston K A	63895
	69577
Johnston M K	6984
Johnston P E	37496
	63535
Johnston R	1992
	51973
Johnston R E	1812
Johnston R L	68244
	85207
	85274
Johnston R V	59667
	60461
Johnston R W	59668
Johnston S	1754
	30086
	39883
	57544
	57545
	57593
	73867
	87324
Johnston T H	64996
Johnston W B	54197
Johnston W R	7765
	25811
	35507
	69810
	86753
Johnston W W	49893
Johnstone D B	44974
Johnstone D E	96125
Johnstone E	4993
	23580
	33006
Johnstone F E Jr	74172
Johnstone G R	47970
	89686
Johnstone S J	45194
Johri B M	692
Joiner C R	69994
Joiner J	72568
	90517
Joiner J N	71851
	73781
Joint-ASRE-AMI meat Packing Committee	9350
Joint Commission on Rural Reconstruction in China (U S and China)	10098 27501
Joint Committee on Grassland Farming	65123
Joint FAO/WHO Expert Committee on Nutrition	28181 28182 96131
Joint FAO/WHO Expert Group on Zoonoses	4087
Joint FAO/WHO Expert Panel on Brucellosis	4088
Joint Mission to Uruguay to Undertake a Survey of the Agricultural Problems and Requirements	10099
Jokela M	88021
Jøker P I N	1993
Jolain R	83439
Joley L E	13137
	47166
Joling K F	34339
	41982
Jolivet P	43448
	43449
	60836
	93773
Jolliffe N	55883
Jolliffe R P	38911
Jolly A L	27692
Jolly D W	52179
	85451
Jolly G H	45195
	45196
	54116
Jolly J R	7350
Jolly P O	14079
	21865
Jolly W O	14079
	21865
Joly	88494
Joly A R L	54568
Joly E	16948
Joly M	38811
	47635
	64544
Joly P	34660
	34661
	69008
Joly R	68957
Joly R L	58027
Jonard P	39349
	73422
	89997
Jonas	53869
	84452
Jonas G Z	22572
Jonas H	22060
	44319
	56853
	60632
	73176
Jonas L F	76599
Jonas S	4887
Jonas V	53432
Joncquiert	32446
Jondet	42158
Jones A H	18231
	87436
Jones A L	92117
Jones A W	51477
Jones B	65124
	95390
Jones B A Jr	25485
	53277
Jones B J	90352
Jones B M	24693
Jones C E	9852
Jones C F	36114
Jones C H	23205
	32618
Jones C R	36382
	38796
	82847
	87603
Jones C W	10711
	10712
Jones D F	20215
	29571
	30963
	40203
	40204
	49163
	81481
Jones D G	5161
	23808
	23809
Jones D J	68323
Jones D L	17345
	29625
	29663
	81910
Jones D R	90817
Jones D S	22596
Jones D W	15356
	39490
	58115
	58310
	63573
Jones E	88774
	9204
	9926
	27636
	40677
Jones E B	80793
Jones E C	4888
Jones E R H	47971
Jones E T	56520
Jones E W	12342
	12343
	50319
	51215
	67825
	89509
Jones F	25439
	27061
	35000
	44343
Jones F G W	38842
Jones F L	14910
	14918
	18588
	32086
	32087
	32088
	41541
	50537
Jones F R	95310
	35175
	37160
	38691
	78678
	82992
Jones F T	42419
Jones G	91602
Jones G D	6455
	13617
	52099
	55422
	68660
Jones G D G	85376
Jones G E	7984
	25575
Jones G N	134
Jones H	5737
	67337
Jones H B	10216
Jones H C	27062
	31112
	49894
Jones H E	31205
Jones H H	8766
	55885
	87325
Jones H L	23838
Jones H T	22015
Jones H W	8499
	26515
	77076
	92695
Jones I D	8863
	26487
	36161
Jones I K	48289
	57089
Jones I R	23087
	23283
	75881
	76431
	92593
Jones J	63161
Jones J C	43450
	68661
Jones J D	49475
Jones J E	750
	65060
Jones J H	15360
	23220
	23231
	41756

	Item
Jones J H	42065
	42068
	76464
	86201
	90388
	92702
Jones J K	13606
Jones J K N	3791
	83666
	88016
Jones J L	46668
Jones J M	1371
	23220
	24202
	37202
	42065
	54117
	63245
Jones J N Jr	66528
Jones J O	56854
Jones J P	27976
	49281
	58514
Jones J R J L	78128
Jones J W	66438
	73056
	81861
Jones K	23103
Jones K L	28409
	38918
	64128
	64301
Jones K W	57951
Jones L	42777
Jones L A	9816
	27253
	46102
	74751
	74752
Jones L C	54782
Jones L E	64627
Jones L I	20672
Jones L G	48498
	57241
Jones L L	79747
Jones L M	4089
	4548
	50853
Jones L R	52180
Jones L T	14308
Jones L W	10713
	27637
	40507
	94651
Jones M	20452
	36166
	48453
	59195
	82378
Jones M A	60203
Jones M D	39
	1372
	12636
	29744
	33110
	51668
	64129
	73057
	81862
Johnson M L	92279
Jones M M	39327
Jones M P	43198
	43199
	52100
	77230
	93427
	93428
Jones M R	83613
Jones N	41291
Jones N M	23748
Jones N R	48154
Jones O	36653
Jones O G	51834
	76640
Jones P A	21444
Jones P C T	66214
Jones P E	88051
	88947
Jones P J	29572
Jones R	47101
	54669
	95991
Jones R A	66711
Jones R B	13945
	35895
	71541
	88583
Jones R C	45700
Jones R E	53361
	61576
	68124
	69666
	86395
	45006
Jones R G	3696
Jones R M	42365
Jones R P	52518
Jones S C	58559
Jones T	7766
	52912
Jones T A D	9350
Jones T C	92297
Jones T H	40289
	57840
	74173
Jones T J	15177
Jones T L	59852
	93258
Jones T M	70640
Jones T R	31379
Jones W	54198
	56521
Jones W A C	46484
Jones W B	66529
Jones W D	10391
Jones W F	17835
Jones W N	12357
Jones W W	881
	31000
	47972
Jong C de	61206
Jong J D de	21497
	88775
Jong J J de	15477
Jong J M de	15477
Jong J W de	31113
Jong P de	20012
	38692
	44155
	44696
Jong S de	3895
	32634
	43073
Jong S H de	19228
	63656
Jong W de	15524
Jong W H de	8707
	8864
	18323
	80493
	82506
Jong W J de	5676
Jonge C de	17025
	34464
	47529
	65333
Jonge L J A de	14138
Jonge P de	7116
	17323
	17346
	34925
	69103
Jongh G	62706
	87604
Jongh J de	13474
	20933
Jonghe P de	2577
	81762
Jongmans W J	47167
Jongo E A	23839
Jonker J J	81993
Jonkers R	55528
	63621
Jönköping Sweden Lantbrukskemiska Kontrollstationen	47015
Jönköpings Läns Hushållningssällskaps	11175
Jonson D	52647
Jónsson A	21269
Jónsson E	95861
Jónsson G	16009
	19170
	55668
	63722
	71613
Jonsson J N	11330
Jönsson P	14080
Jónsson S	74753
Jonston J W Jr	39350
Jontz D M	41831
Joop W	87605
	87606
Jooste C J J	44375
Joppich F	5556
	36506
Jopson H E	22630
Jopson R K	37333
Jorand H	7985
Jorand J	55932
Jord A	30270
Jordahl H	83080
Jordahn A C	57714
Jordal L H	12077
Jordan	13700
Jordan A	24226
Jordan A W	33782
	51933
	68290
Jordan B	30271
Jordan D C	58135
Jordan F T W	60183
Jordan G L	62854
	88152
Jordan H	55669
	58209
Jordan H L See Leon Jordan H	
Jordan H V	29573
	58278
	58413
Jordan J	58279
Jordan J A	12872
Jordan J N	21866
Jordan K H C	24940
Jordan L A	62920
Jordal L H	38449
Jordan L J	62759
Jordan O	72482
Jordan R	24546
	24547
	34028
	34029
	34181
	43314
	45859
	54783
	60686
	77426
	77427
	85501
	85502
	93603
Jordan R H	325
Jordan R M	5677
	5678
	85080
	85081
Jordan R T	76639
Jordan W	52010
Jordan W J	51216
Jordan W S Jr	51637
Jordan W T	11254
Jordano D	51626
	83704
Jordano Barea D	15233
	32447
	50946
	59419
	84005
Jordao G	63395
Jordão L P	84088
	84606
	84607
Jordbrukets Upplysningsnämnd	72174
Jordbrukstekniska Institutet	17230
	17403
	61361
	69061
	86330
Jorde I	89428
Jordon M B	25159
Jörg L	26088
	35758
	45007
	62216
Jörg M E	34592
Jørgensen A	5333
Jørgensen C A	38405
Jørgensen E	28893
	64455
Jørgensen E G	81594
Jørgensen F	31560
Jorgensen Mrs G M	74010
Jorgensen H	2319
	9205
	70118
	79764
Jörgensen L	3779
	3789
	3790
	3792
Jørgensen S	15633
Jørgensen S J	64773
	65334
	66691
Jørgensen T	19485
Jorgenson G A	18411
Jorgenson G E	66351
	66352
Jorgenson H T	37497
Jorgenson S	57715
Joris	48454
	59196
	73555
Jörissen	22818
	67286
Jornlin F M	50732
Jorritsma J	20759
Jörss R	69104
	69232
Jørstad I	10974
	19921
	20013
	72569
Josefsson A	751
Joseph D	35206
Joseph T C	56678
	72697
Josephson D V	53880
	53893
	70027
	86934
Josephson L M	882
	1197
Joshi A B	38972
Joshi C G	91113
Joshi D P	49003
Joshi G D	35994
Joshi H C	4779
Joshi K C	11908
	28941
Joshi N V	72273
Joshi R D	24548
Joshi R H	91161
Josland S W	32732
Joslyn M A	12358
	12564
	44645
	54371
Josselin	45779
Josselin G	32248
Josselyn D	15213
Jost	14641
Jost A	5581
	51766
Jost H	17021
Jöst W	63797
Jouanen	78753
Jouannet R	7383
Joubert	93259
Joubert A	54413
Joubert C J	52101
Joubert D M	23313
	40580
	51217
	51218
	59420
	59445
	60481
	75975
	85284
	95224
Joubert G J	38583
Joubert L	5810
	22942
	23314
	51388
Jouffroy	10975
Jougan E	35112
	40029
Jouhannaud G	34846
	78545
	86348
Jourdain C	67450
Jourdain J	18776
Jourdain W L	94427
Jourdan C	55939
	63949
Jourdan F	84516
Jourdan L	80619
Jourdan-Vatinel C	44818
Jourdeuil P	52450
Jourdheuil P	804
	77671
Journée F	1374
Journes S	15305
Joustra J A	70769
	77428
Joutel G G	92065
Jovanović V	91114
	91115
	93604
	93605
	93606
Jovellanos J U	40940
Jovellanos R E	21915
Joven P	27977
Jover H	24748
	52791
Jovet P	40
	135
	12078
	47168
	47169
	80987
	89205
	89321
	89322
Jovet-Ast S	89405

	Item
Jovi G	78347
	78348
Jovine L	52194
Jovovic N	83452
Jowett J	22602
Joy B	44481
	61764
Joy T	94957
Joyce F	10293
	26287
	82000
Joyce J	37498
Joyce R J V	34662
	61268
Joyeux C	22943
	24675
Joyner J F	30272
	65956
	73476
Joyner L G	88033
Joyner L P	42159
	84326
Ju L S	6794
Ju L S	85849
Juarez Montegrifo F	16703
	60934
Juarez Ugena J	44697
Jucci C	69036
Jucker H	67287
Jucker O	27131
Judah J D	16284
Judd D S	48618
Judd W W	34593
	68822
	68958
	77728
Jude A C	92723
Judenko E	43658
	77956
Judge G G	79854
Judkins H F	70119
Judkins W P	1740
	13100
	39883
	49659
	57412
	57454
	66284
Judy W	4943
Juergenson E M	42287
Jugenheimer R W	29574
	29606
	39405
	73423
Juglart M de	27820
Jugo M	78646
Juha V	54372
Juhász B	5055
Juhn M	23965
	60153
Juhre F	23788
	33139
	33409
Juhren G	89802
Juhren M C	89802
Juillet A	73177
	81595
Jukes T H	3936
	22819
	22820
	23883
	50733
	59197
	68010
	80660
Jul A M	88134
Jul G	1497
Jul M	54959
	54960
	80006
Jul R G	12872
	18037

	Item
Jul Reyes G	89715
	90475
	90476
	91309
	95515
Julén G	20673
	39497
	39498
	73556
	74564
	90185
	91417
Julian K A R	79803
Julian L M	59669
Juliano J P	20089
Julien J P	8120
	44804
	62141
	86993
Julienne P	32770
	32771
	59714
	67633
	76376
Julius F H	32137
Jull M A	5162
	24034
	33191
	33295
	42538
	42597
	42778
	51536
	76698
	84805
	92917
	93071
	93072
	94191
Jullander I	3706
	59116
Jullian M	36199
	38026
	45347
Julliard C	68959
Jullien I	3749
Julyan W L	37828
Jumelle H	133
Jump J A	72677
Junack	75322
Junca F	22767
Junca L F	4090
	22944
	51113
	52965
	77626
Juncker F	36507
	48290
	71631
Junco y Reyes J J del	6717
June R I	1644
	2206
	2207
	48790
Juneja M R	16787
Jung	27378
Jung G	58933
Jung K F	17391
	25402
	25403
	43987
Jung L	41832
Jung M	82993
Jung R	49004
Jünger R	53974
	56033
	62236
	79156
	94760
	94860
Jungerman A A	37580
Jungfer W	23712

	Item
Jungfleisch M	2615
Junghanns A	41186
Jungherr E	5334
	42714
	51656
	60154
	68060
Jungherr E L	15346
	60136
	84284
	85251
Jungkunz R	18631
	36786
	45852
	62985
	87359
Jungmann W	49660
Jungo J	14336
Jungsveden O	87218
Jungwirth F J	26794
	67864
Juni R A	3229
	10714
	74985
	80007
Juniere P	69642
Juniper L A V	45860
Junker	52370
Junker A	61362
	71332
	80100
	88281
Junkins S C	48291
	49164
Junnila W A	53111
	95116
	95566
Junqueira G M	52792
Junqueira J B	28077
Junqueira J F D	23057
	42436
Junqueira H	46192
H de A	
Juon P L	36714
	66201
	94652
Jupillat F	65652
Jurado F R	42952
Jurado J M	4232
Jurd L	41581
Juréen L	53516
	63315
	69667
Jürgens L	24549
Jürgens W	17247
Jurien de la Gravière B	8475
Jurig M	24550
Jurion F	12573
	83081
	88489
	89163
Jurković N	51219
Jurkow J	62707
Jurkowska H	91314
Jurney R C	30830
Jurny F	84674
Jurriaanse A	12772
Jurriaanse T	66202
Juscafresa B	2777
	29987
	30087
	30964
	34248
	37334
	39884
	47530
	57018
	72015
	73365
	88282
	93510
	91197

	Item
Juselius A	14980
	85258
	87721
Jussiaux	29575
Jussiaux P	18412
	62708
Jussier J	64794
Jussila E A	75517
Justham M C D	72850
Justi W	63723
Justice O L	29501
	36874
	36875
	45942
Justin M M	80644
Justo E	5463
	5464
	33140
	33410
	33411
Juštšuk E	91940
Justus F E	46553
Juszkiewicz T	32432
	32433
Juta E H P	22492
Jutronić A	15234
Juusela T	40805
	86511
Juva K	74754
Juve A E	54824
Juzi W H	53826
Jynge A	92810
	92811
Kaap L	7600
Kaare H	6183
Kaas	37203
	55112
Kaas J	9927
Kaay F C van der	4329
Kabanov P	3451
Kabanov P G	851
Kabert I	93867
Kabos W J	77077
Kabozov S M	75716
Kaburagi Z	58772
Kabzems A	89716
Kachanova E R	2525
Kachinskii N A	21485
	41232
Kachler H	60687
Kachroo P	12147
	38928
	47304
	64264
Kachurina L	30670
Kadam B S	20028
	20781
	58280
	60837
	63162
	93177
Kadambi K	14583
	14597
	58715
Kadashevich A M	69162
Kadderly A M	10100
Kaden N N	56693
Kaden O	58028
Kaden O F	583
	7767
	86754
	86755
	94653
Kader G M	40461

	Item
Kadesjö S	43315
	43316
	54550
	60688
	95213
Kadic M	84089
	92208
	92298
Kadita S	50460
	50477
	50623
	64623
Kaakine	18660
Kadlec F	19108
Kadmer E	35001
Kadner C G	6535
Kadochnikov N P	19922
	24451
Kadry A E R	81426
Kaemmerer K	4091
	15284
	23936
	75729
Kaempfe K	7894
	8121
	86994
Kaenzig W W	30965
Kaeser H	44504
	62462
Kaeser W	52371
	85572
Kaffetzakis J G	76185
Kafka H	15435
	23315
Kagami M	3921
Kaganov I N	63106
Kagawa A	89838
Kageyama C	74937
	80297
	90206
Kägi F	15357
Kagis I	75244
Kagiwada R	52359
Kahan S	70935
	15000
	32158
	75595
Kahl E	53146
	69300
Kahl H	64774
Kahler W	55113
Kahlert H	40030
Kahma J	55670
Kahn I S	64109
Kahn R P	56512
Kahnert K	46700
Kahnt	8063
Kahrakhash'Tan G	46536
Kähr F	29988
Kahsnitz	10392
Kaihara H	29576
	87607
Kaijser C	59067
Kaila A	21706
	40462
	40508
Kaĭlov A A	29724
Kaim H S	80953
Kaimakan M A	40678
Kaimal K N	64628
Kain J	10590
	19293
Kaindl K	2789
	56973
Kaineder K	94490
Kainer F	78829
Kaisch K	80494

	Item
Kaiser	69811
Kaiser A	9440
	24551
	30671
Kaiser A D	52751
Kaiser E	56184
Kaiser E F	31939
	32138
Kaiser W	68749
Kaiser W G	17461
Kaishio Y	42066
Kaisila J	25047
Kaitera P	2933
	43945
	56024
Kaſumov G K	82994
Kaji A	14911
	92098
Kakabdze A	9988
Kakazai M A	83357
Kakde J R	12574
Kakebeeke J	6985
Kakinuma K	28227
	29341
Kaktiņa Dz	38835
Kalabugin A	31114
Kalaĭtanov R	24203
Kalamkar R J	2677
Kalantyr' M S	20323
Kalashnik I A	41812
Kalashnikov A	44192
	61530
	69308
Kalashnikov A A	27618
	84730
Kalashnikov A F	2526
Kalaugher J P	11255
Kalaw M M	36115
Kal'bergenov G K	93429
Kalbfleisch W	17462
	35133
	44261
	48490
	78596
Kalchschmid W	64352
Kaldén J	42437
Kaldor D	55228
Kalee S	73656
	74591
Kaleganov A T	57546
Kaleganov T A	17379
Kalela E K	3417
	75066
Kalen J	45729
	55948
Kalepky H	11666
Kalev G	84065
Kal'fanov D G	73178
	89998
Kalik V	24749
	52451
	85650
Kalikin B	60155
Kalimuthu K	8064
	19109
Kalin E	86439
Kalin E W	49005
Kalinenko V O	82723
Kalinichenko V O	9033
Kalinin A	57019
Kalinin F L	883
Kalinin V I	23581
	58653
Kalinina A V	12079
Kalinina N I	35490
Kalinkevich A F	12528
	39085
Kalinnikova A	26089
Kalinovskiĭ V P	22493
	41341
Kalinski A	74755
Kalisch J	42469
Kalisvaart C	14138
	63646
Kalisvaart G	6795
Kalfùzhnyi G D	69185
Kállai L	41833
Kallák B	23538
Kallberg A	67490
Kallbrunner	10715
Kallbrunner H	4780
	9882
	46669
	49982
	53653
	55529
	71433
Kalle A	78575
Kalle A G	82232
Kallinich G	78739
Kallio A	24823
Kallio M J	14546
Kallio P	47323
Kalliokoski S	86378
Kalmanson S fA	75770
Kalmar Läns Norra Hushåll-nigssällskap	11176
Kalmbach E R	93430
Kalmykov V	37754
Kalnin A I	23056
Kalnin T fA	41230
Kalnin'sh A I	32162
Kaloianov V	85724
Kaloostian G H	61064
Kaloyereas S	18692
Kalra D S	84381
Kalra S L	77627
Kalseth L	22705
Kaltenbach E	1994
	19821
	21116
Kaltenbach H	4330
	20674
	59477
Kaltenberg J	25440
Kalthoff C	6184
Kaltio M J	19110
Kaltofen H	57020
Kalton R R	29743
	48455
Kaltschmidt W	79403
Kalugin M I	57242
Kalugin V I	38216
	47048
Kalusch A	33726
	41834
	67361
Kalverkamp U D	17348
	61425
	69105
	69339
Kalyankar G D	95363
Kamaeva A A	24514
Kamal M	11820
	43200
	43808
Kamaraju V	63798
Kamat M N	38728
	38786
	40348
Kamat V N	80687
Kamata H	26980
Kamata Y	30785
	30865
	30867
Kambhu M L X	2934
Kamei K	50227
	96235
Kamei S	38693
Kamel S H	59965
Kamemoto H	49006
	74017
Kamen M D	47947
Kamenefskaîa I V	94889
Kamenskaîa A I	74174
Kameoka K	42875
Kamer J H van de	87608
Kamer van Koophandel en Fabrieken voor Zuid-Holland	10101
Kametaka M	5244
	67362
	92299
Kamigo C	31137
Kamimura M	183
Kaminski M	71030
Kaminsky G	41197
	50293
Kamizaka M	50424
	50624
Kamlah	14373
	80059
	88574
Kamm A J	95279
Kamm L	77857
Kamm L M	23087
Kammer für Land- und Forstwirt-schaft in Salzburg	16119
Kammerer E L	1995
	13286
	21117
	31527
	40031
	40032
	58716
	64130
	74012
	81158
	90818
Kammlade W G	1375
	29702
Kamp C J G van der	83878
Kamp H J	16578
	16579
	16580
Kamp J B van der	10976
Kamp J R	47960
Kämpe Y	17519
Kampfe L	24452
Kampfraath A A	80118
Kamphaus J G	65710
Kamphuis J B	67878
Kampmann H	40966
	61641
Kampschmidt R F	32531
Kamptner E	89206
Kamre R	14547
Kamya F	42049
Kanaev A F	79499
Kanaev V	34776
Kanagy J R	62818
	62820
	70817
	87747
Kanagy R	18531
Kanakarajan V	76319
Kanao M	87360
Kanao Y	50417
Kanapaux M S	39048
	40194
	46988
Kanar E	59860
Kanarek M	28222
Kanasawa K	89838
Kanda M	29577
	93868
Kandilis J	79626
Kandler O	81596
Kandybin V F	5022
Kane E A	76320
Kane H B	85970
Kane J G	70936
Kane N F	52344
Kaneda B	60116
Kaneda T	28225
Kanehiro Y	30774
Kaneiwa Y	55564
Kaneko K	5328
Kaneko T	34578
	94104
Kanellis A	78229
Kanervo V	24391
	28303
Kanevskiĭ V N	59698
Kangas E	24392
Kania	75179
Kanipe L A	39212
Kanishchev P	94464
Kanishkin M F	21445
Kann F	30672
Kannenberg	70535
Kannenberg H	10716
	49352
	49895
	64991
	66257
Kannenberg-Freistatt H	49661
Kanngiesser W	47636
	73179
Kanno S	28227
Kano G	55043
Kano R	6536
	34340
	34418
	60790
	60935
Kano T	75716
Kanpp J G	80565
Kansas Agri-cultural Ex-periment Station	87509
Kansas Farm-ers Serv Association	55764
Kansas State Board of Agriculture	7498
	17697
	19610
	25754
	53591
	65977
	80174
	96176
Statistical Div	58578
Kansas State College of Agriculture and Applied Science Agronomy Dept	21707
Kansas Uni-versity Bur of Govern-ment Research	27431
Kansas Veteri-nary Medical Association	32345
Kantariîa V I	30088
Kanter A S E de	18413
Kantimm E	17836
Kantner E	10717
Kantola M	14739
	41342
	50640
	67031
Kantov A A	32249
Kantov G A	76321
Kanfsepol'skii A S	60313
Kantyshev I	10363
	29725
Kantyshev I E	63550
Kantzer C J	22317
	50294
Kanz N	25160
	63509
	67745
Kapadia G A	22187
Kapafsinskaîa A A	60314
Kapeller K	70120
	94721
Kapfer I	60689
Kapitonov I T	91941
Kaplan A M	53422
Kaplan L	47170
	56974
Kaplan M T	70529
Kaplan R W	12203
	47831
Kaplan S	25291
	40760
Kaplar C W	66118
Kaplin A	55837
Kaplun S	9928
Kaplunov M	86305
Kaplunovskii S P	82001
Kapner S K	80249
Kapoor B D	95541
	95542
Kapoor L D	13701
	40338
	56220
Kapoor S L	13475
	13476
Kapoor S N	6028
Kapp L C	1431
	21702
	30958
	40735
	41761
	57236
Kappeli P	60156
	68061
Kappene D	15436
	75772
	78489
	83734
	83767
Kappeller K	69812
Kappenberg W	86756
Kappert H	22768
Kappes H	41136
Kappus	44865
	44866
Kapralova E F	32844
Kapur A P	43451
Kapur J D	42160
	83879
Kapur N S	70664
	95123
Kapuściński S	43879
Kapusta E C	40941

	Item
Kar A B	33296
Kar A K	90270
Karabag T	6854
	86033
	86034
	86035
Karafa-Korbut M I	56620
Karakulin B P	11611
Karamyshev V P	39420
Karandikar V S	16788
Karadzhi G M	30089
Karanfan P G	20931
Karapetfan R A	20127
Karapetfan S K	32635
	60315
Karapetfan V K	73058
Karasawa S	11133
Karasawa T	94182
Karasev G M	39499
Karasevich D	51865
Karashchuk I M	20637
	39500
	12773
Karatysh A	34886
Karatysh A G	9628
	25352
Karaulov N	25546
Karavaev A	10491
Karavaev K	94320
Karavaev K S	31705
Karavaev V I	41314
Karavaeva S	24278
	59808
Karavaeva S G	33698
Karbelkar N V	2579
Kardos E H	16706
Kardos L T	49615
Karel G	81084
	89616
Kargin W	94943
Karigl H	83468
Karim A	66229
Karisch	60083
Kark R M	19531
Karker M	37829
Karkkainen V	20463
Karlach J	16393
	16394
	24552
Karlberg S	14604
	75413
Karling J S	19884
	64302
Karlsen G G	33081
	69163
	84730
Karlsen O	3591
Karlson A G	67635
Karlson P	34682
	60936
Karlsson N	3125
	14266
	74592
	74918
	81597
	83750
Karman de Sutton G	54699
	87836
Karmanov V G	884
	56855
	81598
Karmishev A E	62387
Karmishin A	25562
	61676
Karnatz H	20848
	39729
	44127
	45943
	65335
	65429
	82153
	90633
Karnaukhov B G	21530
Karnaukhov G M	2208
Karnaukhova E S	64031
	88283
Karnauskas K	4623
	23316
Karnik M G	83604
Karnopp Mrs J L	40033
Karns E E	61660
Karolinskafa Kh M	20163
Karpechenko N	84731
Karpenko A N	57021
	75275
Karpenko N fA	30090
Karper R E	57243
Karpick F E	30554
Karpin Z N	67363
Karpinski J J	64598
	94105
Karpoff E	27011
	36796
	36797
	61823
	62993
	71031
	79855
	95616
Karpov A N	31606
	58754
Karpov P L	68250
Karpov S K	51455
Karpova A I	60838
Karppinen E	24694
Karr C	45431
Karraker P E	2778
	58234
	74523
	82773
Karras W	92448
	92449
Karrasch R J	54784
Kärrholm M	8500
Karschon R	22332
Karsenti G	76549
Karshina L E	21446
Karska K	89350
Karsnifskafa M	25923
Karstad O	41233
	58810
Karsten	22945
	59326
	60157
	84327
Karsten K	94804
Karsten M C	56149
Karstens G A	61326
Karsunky H	18038
	48456
Kartashev G A	33999
Kartashov A K	27132
	45993
Kartavfsev D	44762
Kartha A R S	54598
	62921
	70937
	70938
	95339
Kartman L	85808
	85809
Karunin B A	73557
Karvefskiĭ V V	31706
Karvonen M J	42953
Karz K	56221
Kas V	49462
Kasahara Y	29657
	30555
	30556
	30557
	81599
	82560
Kasasky C	81600
Kasch H	7895
Kasch W	58174
	66230
Kaschula V R	42678
	93008
	93009
Kashchenko E B	33412
	33413
Kashekov L	7411
Kashichkina M I	1813
Kashinfsev S	4331
	41986
Kashirina V	62868
Kashtanov L V	23582
	23686
Kas'fanenko A I	1645
Kas'fanenko I	36659
Kas'ianov F M	58876
Kasinathan S	2653
Kask E A	41889
Kaskela E	60937
Kasparova V	31415
Kasperkiewicz M	91313
Kasprzak E	33584
Käss L	71242
	71333
	80065
Kassanis B	28986
	77957
Kassel R	76187
Kasser A	54479
Kassner J G	53075
Kassnitz	95992
Kastelic J	54605
	92608
Kastenmüller S	87609
Kastens M L	70034
Kasting R	79441
Kastler N M	71766
Kästli	35759
Kästli P	4624
	8245
	11324
	15437
	17979
	32733
	76322
Kastmark C F	31956
	83511
Kästner F	88948
Kastner W	95176
Kästner W	9034
	9035
	18414
	18415
Kastorff O	7041
	11177
Kastrukoff M	14525
Kaszab Z	24750
	34249
	34250
	60839
	85651
Katalymov M V	40921
Kataoka T	50447
Katar'fan T G	28418
	35508
	73868
Katchadourian der	75760
Kates K C	5679
	24168
	85107
	85130
Kathe J	83880
Kathpalia O P	53371
Kathrein H R	12359
	30801
Katinskafa fU K	1814
Katitch R V	51970
Katiyar R D	76676
Katkoff V	36116
	46281
	86856
Katkov B P	1376
	57244
Kato H	76452
Kato K.	3827
	39667
	81103
Katô M	34341
	34594
	34595
	50434
	85748
Kato M	78245
Kato S	33414
	50424
	50624
	68750
Kato T	45720
	47973
	64770
Kato Y	5355
	83284
	93006
Katrandzhiev K	84328
Katranova G V	13101
Katrovskiĭ G F	24553
Kafs D M	2935
Kafs N fA	38355
	81381
Kats W	79281
Katsch	22098
	44540
	63316
Kafsnel'son Z S	42470
Katsura K	64456
	81247
Katsura S	85377
Katticaran G J	11048
Katfs K V	90819
Katuno M	62706
Katwijk W van	6718
	36670
	56694
Katyal S L	39743
Katz A	62922
Katz A E	69813
Katz B H	94543
Katz J	77006
Katz J W	2936
Katz R	36405
Katz Y H	40205
Katzenelson M	60423
	77078
Katznelson H	24554
	60690
	60691
	60692
	93607
Kaudy J C	40679
	91036
Kaufert F H	22188
	22207
	61649
Kaufhold W	47974
Kauffmann G	14869
	17022
	68960
Kauffman H H	80279
Kauffmann J	2616
	2617
	13800
Kauffman R I	30558
Kaufman D S	54480
Kaufman H F	88724
	88752
Kaufman J	8786
	12502
	18272
	26516
	36243
	45339
	45341
	54336
	62524
	62604
	70586
	70587
	70608
	87434
	87482
Kaufman V F	8865
	28588
Kaufmann F	31811
	75027
Kaufmann G G	78774
Kaufmann G von	41343
Kaufmann H P	9441
	9442
	9443
	9444
	9445
	45780
	54731
	54732
	62923
	70939
	79805
	87859
	95340
	95341
Kaufmann J	50802
	50803
Kaufmann O	51158
	54026
Kaufmann O K	27821
	55230
	95905
Kaufmann R W	50775
Kaufmann S	74363
	78349
	82848
Kaufmann von	22449
	58902
Kaufmann W	79020
	95516
Kaufmann Z	75603
Kaukhcheshvili E	79748
Kaul R N	1198
	2361
	13585
Kaul T N	11372
Kaupel E	31348
Kaura N R	66281

	Item
Kausel E	47249
Kaushik R D	12575
	82002
Kaushikkar T V	12635
Kaushiva B S	11178
Kaussari M	43625
Kaussmann B	12148
	20164
	64629
Kaute F J	80620
Kauter A	48457
	58381
	65125
Kautsky H	20324
Kavaljian L G	72975
	81427
Kavanagh F	41
	80884
Kavanaugh M T	55886
Kaver M V	50740
Kavtorin V V	23840
Kawada A	34596
	47346
Kawada H	47346
Kawaguchi S	64710
Kawaguchi T	14186
Kawahara F K	95342
Kawai K	81638
Kawai N	90139
Kawaide T	29581
Kawakami K	95803
Kawakami T	86069
Kawamura S	62924
Kawamura T	64353
Kawano S	27257
Kawasaki D	94759
Kawasaki H	37335
Kawase T	45720
Kawase Z	25611
Kawata S	37336
Kawatake M	89999
Kawe A	21531
	58110
	61531
Kawecki Z	32979
Kay Mrs A G	57413
Kay A N	9251
Kay H D	17933
	17980
	35634
	53959
	69619
Kay Sir J	87219
Kay Sir J K	70406
Kay K	6054
Kaye A	5126
Kaye F	49007
Kaye S	13702
Kayo N	10393
Kays W R	8866
Kayser	54378
Kayser E	69106
	69211
	69233
	69461
	78434
	78453
	3569
	7117
	14740
	17949
	25292
	25353
	44193
	50426
Kayser E	58903
	61677
	82995
	82996
	86202
	86203
Kayser F	52966
Kayser G	55026
Kazachkov N	34866
Kazakevich L I	29502
	30559
Kazakov B N	25132
Kazakov V E	40680
	58281
Kazakova A A	20325
Kazakova A P	24490
Kazakova M V	4625
Kazanok A F	90353
Kazanskii A N	78129
	89716
Kazanskii D I	52252
Kazanskii I I	41835
Kazanskii M	62217
Kazanskii N A	31416
Kazantsev N D	37499
	46569
Kazár G	93202
Kazarian V O	20326
Kazdobin A S	86172
Kazim M	10492
Kazimirov P	44194
Kazmarek E J	62709
Kazmeier A W	67159
Kazmi S M A	2466
Kaz'min G T	1755
Kaznev G A	42161
Keagy E H	4968
Keagy H F	4968
Kean C	53660
	53661
Kean C E	35227
Kean S	59910
	84608
Keane F W L	56409
	65435
Keane H J	4092
Keane J D	79888
Kearful J	52452
Kearl B	46535
	51011
Kearl C D	10381
	18416
	27638
	36680
	49662
	55470
	55471
	55472
	63574
	63575
	63576
	71553
	71632
Kearnaghan H	67636
Kearney C F	54785
Kearney M E	22462
Kearney T H	136
	19822
	47250
	80764
Kearns C W	43503
	43874
	77317
	77318
	78238
	86045
Kearns H G H	16837
	17393
	17394
Kearns I	61942
Kearsey E M	18200
Keasling H H	68491
Keathley M G	29651
	39416
Keating F E	23220
	42065
Keating K	80175
Keating T H	44363
Keatley J	19663
Keaton C R	9272
	32250
Keay R W J	28540
	38859
	64192
Keays J L	22734
Keays K R C	79282
Kebby R G	29989
Kebbaj A	10294
Keck C B	34342
Keck D	40681
Keck D D	42
	28419
	56222
Keck K	12360
	90000
Keddig K	24089
	24090
	33489
	33490
	42856
	42857
	85006
Keding F	64457
Kedrov V K	32532
Kedrov-Zikhman O	2779
	47975
	49664
	82849
Keefe J	30717
Keegan H L	85574
Keegan R	54481
Keegel E L	17809
	40339
	81248
Keeling A T D	82379
Keen B A	19710
	49395
	49823
Keen F P	80765
	93774
Keen F R	59670
Keen M	62570
Keen R A	49008
Keenan C M	68792
Keenan J B	63246
Keenan J P	63317
Keenan S E	8708
	8709
	8792
Keenan W C	82561
Keene R W B	21270
Keener H A	15213
	92542
Keener P D	56606
Keeney H C	36167
Keeney L G	88221
Keeney M	7998
Keenleyside H L	14709
Keep J M	67826
Keepers W F	85209
Keeping G S	21708
Keeselring W H	73181
Keesenberg H	9036
	54482
Keestra F	26090
	28133
Keetch J J	22385
	91882
Keetch R R	60939
Kefauver E	80581
Kefford J F	26479
	86656
Kefford N P	47835
Kefford R O	9629
Kegg V	44867
Keh B	68614
Kehar N D	51125
	57184
	59198
	59671
Kehr A E	73059
	79368
Kehrberg E W	80382
Kehren L	29465
Kehren L R	15525
Keiding J	43265
Keifer H H	52372
	77628
Keighley E R	20802
Keijser J S	55027
	80035
Keijzer G A M	10977
Keijzer G A M J	55838
Keijzer R de	90680
Keil H L	11806
	38694
Keilbach R	52890
	93869
Keilholz F J	4093
	42288
	49282
	68291
	95236
Keilling J	17934
	69920
	80176
Keirns V E	13477
Keirstead C H	9476
	18302
Keiser I	16581
	33931
Keit G W	47551
Keith A	54623
	76067
Keith H G	89263
Keith Mrs S	40035
Keith T B	3896
Keithahn R R	41601
Keitt G W	47403
	56528
	89519
Keji J A	17023
Kekukh A M	64681
	67188
Kelarev M P	30091
Kelber	24329
Keleny G P	29005
Keler S v	6659
	69037
	94192
Kelkar S G	1158
Kell J	36227
	39668
Kelleher D	41542
Kelleher J	16007
Kellenbarger S	66218
Kellenberger F S	1996
	82380
	89207
	90820
Keller	10718
	92209
Keller A	13287
	74013
	82381
Keller A G	59068
	88052
	88053
Keller C	44625
	60860
Keller C O	11496
Keller D S	84194
Keller E	77729
Keller E L	10719
	41568
	67161
Keller E R	72241
Keller G	4956
Keller G J	36290
	36291
	70643
	87487
Keller H	7896
	8246
	16495
	18589
	35073
	51440
	67637
	77303
Keller H P	55231
Keller H R	8509
Keller J	3545
	94654
	95146
Keller J C	6596
	9446
	12851
	26952
	36715
	43587
	45781
	54733
	62925
	70940
Keller J H	62853
Keller J R	564
	1562
Keller K	39730
	69995
Keller K P	67707
Keller K R	39238
Keller L W	8381
Keller M	13287
Keller R J	40034
Keller V	39182
Keller W	82003
	82004
	90354
Keller W C	31611
Keller W D	13946
	66353
	82703
	91209
Kellerhals O	42284
Kellermann F J	23687
Kellermann J	14082
Kellermann R	44376
	62218
	69996
Kelley A W	34407
Kelley D	8382
	27012
	45861
Kelley E G	23870
Kelley J	5859
Kelley J B	31616
	31617

	Item
Kelley J N	44458
	44459
Kelley M J	61765
Kelley N D	70069
Kelley P H	53409
	86609
	94637
Kelley P L	26128
	79068
	86857
Kelley R A	6660
Kelley R B	85049
Kelley V C	69555
Kelley V W	30966
	57447
	57547
Kelley W	6185
Kelley W T	16395
	24555
	31862
	60693
Kellgren H C	76014
Kelli A Ch	90634
Kellicutt K O	3674
	22635
Kellie W F	62557
Kellner	91783
Kellog C R	77429
Kellogg C	71554
Kellogg C E	5601
	9250
	10102
	13947
	24110
	37715
	49665
	58210
	58282
	74524
	83082
	88361
Kellogg C R	6186
Kellogg E B	1377
Kellogg R S	14465
Kellogg W L	33214
	71021
Kelly A	4540
	63703
	63717
Kelly A F	73424
Kelly B K	58340
Kelly C D	89236
Kelly C F	12999
	16092
	29966
	48738
	53238
Kelly C R	10720
	25341
	33621
	42897
	71434
Kelly D J	25799
	35475
Kelly E	8867
	95117
Kelly E J	79806
Kelly E K	60158
Kelly E M	10721
Kelly F J	88750
Kelly G	1997
Kelly G W	21118
	40036
	39669
	91418
Kelly J	43083
Kelly J D	40806
Kelly J L	22472
	59985
Kelly J P	9157
Kelly J T	3897
	50014
Kelly R A	8681
	8767
	62502
	62525
Kelly R B	87942
Kelly W R	4542
Kelman A	64535
	72698
	72811
Kelman E	64458
Kelsall A	72196
Kelser R A	23627
Kelsey A J	7503
Kelsey D	68500
Kelsey F E	47939
Kelsey F T	50138
Kelsey G D	37830
Kelsey J M	6456
	25048
Kelsey K E	32189
	41648
Kelsheimer E G	60571
Kelso M M	27872
	71724
Kelso S R	72483
Keltie R J	35995
Kelton E	84195
	86082
Kelway J	57716
Kember E W	94655
Kemel'man A M	68357
Kemény A	5335
Kemény G	71435
Kemeny L	93170
Kemmer E	90552
	90553
Kemmer W	1646
Kemmerer A R	5245
Kemmerikh A O	58841
Kemmers W H	8807
	25458
	28134
	38027
	46927
	54268
	62526
	62657
	95147
Kemp F A	27133
	79947
Kemp J	18693
Kemp J D	87777
Kemp P B	6719
Kemp P J	82382
Kemp W E	14832
Kemp W S	20932
	20933
Kempe K	4973
Kemper H	5953
	34343
	77958
Kemper H E	33585
	77231
	77629
Kempf C A	62077
Kempf W W	43725
Kempster H L	33234
Kempthorne O	38328
	72256
Kenaga D L	22728
Kenbo H	19576
Kenda G	72878
	72976
	72977
	72978
	72979
	73112
Kendall A R	7220
Kendall H T	14710
Kendall J R	35426
Kendall K A	32272
	59199
	74495
	85007
Kendall L	18222
Kendall M W	72287
Kendall R G	82997
Kendall S B	68062
Kendall W A	73180
Kendrick J B Jr	565
	921
	64367
Kendrick J F	84453
Kendrick J W	5056
	9852
	51220
Kenealy K	8501
Keng H	80988
Kenigsberg M	25872
Kenkare U W	12529
KenKnight G	64561
	64775
Kennard D C	5435
	23841
	42779
	42780
	60192
	60224
	76886
	76887
	84839
Kennard W C	47976
	57594
Kennedy A C	7170
Kennedy A L	66530
	66531
Kennedy B	93073
Kennedy B M	55909
Kennedy C	41987
	51012
	59478
	59479
	67491
Kennedy C B	60749
Kennedy D	15285
	74986
	83203
Kennedy E J	885
Kennedy F R	35297
Kennedy J	54373
Kennedy J D	91821
Kennedy J R	70641
Kennedy J S	6855
	16839
	20090
	25093
	85850
Kennedy J T	36609
Kennedy N F	18761
Kennedy P C	51370
	51835
Kennedy R Jr	25924
Kennedy S J	79283
Kennedy W K	58283
	82005
Kennedy W O	78651
Kennel H	22494
	83204
Kennelly A G	2209
	57245
Kennerly A B	21271
	21272
	26375
	30435
	39421
	55530
	58025
	60694
	73558
	76068
	87437
	90455
	93608
Kenney C H	45703
Kenney S M	24035
Kenny C H	26880
Kent D H	28484
	38407
Kent J F	42954
Kent N L	80685
	94498
Kent O B	42596
	93074
Kent O St J	7859
Kent-Jones D W	36383
	54443
	54483
	54484
	70725
Kent or Romney Marsh Sheep-Breeders' Association	15974
Kenten R H	29466
Kentie A	69620
Kentucky Dept of Agriculture	89086
Kenwell G	50138
Kenworthy A L	49666
Kenworthy R	75820
Kenya	63622
Kenya Cost of Living Commission	10235
Kenya Dept of Agriculture	89087
Kenya Dept of Veterinary Serv	32346
Kenya Development and Reconstruction Authority	95884
Kenya Farmers' Association (Co-operative)	88878
Kenya Off of the Commissioner for African Land Utilisation and Settlement	19258
Kenya Planning Committee	27502
Kenya Sisal Growers' Association	1302
Kenyon B W Jr	62994
	70407
Kenyon E M	9447
Kenyon I	6187
Kenyon R J	74957
Kenyon W C	86547
Kenzy S G	84881
Kephart A E	26050
Kepner P V	14148
Kepner R A	17328
	29930
Keränen J	30733
Kerby D C	23244
	25479
Kercho M R	86571
Kerdoda A	22099
Kereon Y	3898
Kerharo J	30673
Kerimbaev D K	23583
Kerkola L	14923
Kerle W D	1199
Kerlikowske E	87412
Kerlin W A	35726
Kerling L C P	64354
Kermani W A	3400
Kermann K	25217
	25266
	25530
	78454
Kermann W K	78435
Kern F	86575
Kern H	38529
	47940
	58076
	64303
Kern J	72342
	89264
Kern J H	19823
	80989
Kern W	60840
Kern County Calif Dept of Agriculture	53592
Kernan H S	3341
	3342
	22100
	41159
	58717
	66810
Kernkamp H C H	33727
	33729
	51971
	85259
Kernkamp M F	11667
	72693
Kerouedan M C	63854
Kerr D	80177
Kerr E	41304
	92099
Kerr E A	74141
Kerr G E K	70676
Kerr H A	49896
Kerr H B	28894
Kerr J	9448
	36117
Kerr J A	1498
Kerr K B	23937
	23938
	23939
	42679
	84882
Kerr M M	2937
Kerr R S	69673
	80581
	86620
Kerr R W	24453
Kerr T	18116
	18117
Kerr T W	19949

Item

Kerr T W Jr 16704
16908
24419
61065
61207
68420
77730
Kerr W R 83881
Kerridge E 10493
Kerruish D W 4094
Kerry Hill (Wales) Sheep Breeders' Association and Flock Book Society 24117
Kers D 2210
39885
Kershaw S H 43809
52793
Kersley L W 16134
Kerssen M C 86321
Kersten M S 66123
Kerstens J R 43201
Kersteter A 75503
Kersting 11668
Kersting F 14605
Kertay N 85245
Kertay-Kerbler F 4095
Kertesz Z I 79448
Kertscher F 64921
Kertscher K 21447
Kesarcodi S N 13738
14331
14558
14575
14583
14598
14606
14691
Keschtges L 87220
Keskevič V 49353
Keskusosuuslitke Hankkija (Hankkija Wholesale Co-operative Society) 63799
Kesler E M 15438
42162
92568
Keso L 58432
Kesper J 78490
Kesper J F 44142
Kessel B B 6537
Kessel E L 6537
43522
52540
77858
Kessell A 77430
Kessen K 38405
Kessler 7221
Kessler B 64355
Kessler E 73182
Kessler F B 25726
32476
Kessler G M 73904
Kessler J 30560
Kessler P 68961
Kestenbaum M 19923
Kester D E 73183
Kester E B 9026
36325
45535
Kester W O 4096
22946
75882
Kesterson J W 45318
70637
Kesteven K V L 69921
84329
Ketchel M 77905
34597
34624
Ketchum C 46962
Ketchum H M 11821
Ketchum V 14849
Ketelaar J A A 16285
33873
57952
Ketelhodt R von 55671
Kettle D S 5889
6538
76069
Kettle W C 61208
Kettlewell H B D 68374
Kettlewell N H 77431
Ketz A 32734
Keulen W van 17489
Keuls M 80885
Keune 7897
Keune O 17837
26179
27729
35760
35787
35788
Keunen D J 52143
Keusch A 42948
Kevan D K M 34663
85317
85907
94163
Keverling-Buisman J A 87221
Kew T J 54374
Key K H L 69009
Keyer E J 30967
38695
Keyes E A 32873
Keyes J F 14912
Keyfauver D 40509
Keylwerth R 3604
14788
15026
41392
58958
59136
67206
75478
75479
83667
92001
Keys A 63896
Keys G B 43880
Keyserlingk Freiherr von 31835
Keyworth W G 326
443
444
27222
28895
28896
38696
47400
56397
72570
Khabenko K K 73745
Khachatrian S A 30734
Khachatrian S S 30436
39886
Khachaturov A 35039
Khachidze O T 78875
Khadar A 42163
Khadzhibeili Z K 61033
Khadzhiev P 24556
Khadzhiiski D 83714
Khaidarkulov G 73878
73890
Khaĭkina R I 74175
Khaleev V 35074
Khalaf K 60938
Khalaf K T 77859
Khalifa A 77959
Khalifman I A 6157
24557
24558
43304
Khalil M A K 58620
Khalizovskaia N I 82051
Khallik O 58060
Khallik O G 40682
Khalturin S S 36547
Khalturin V 71555
Khamaĭko S 27639
Khan A 15358
32251
45106
87143
91540
Khan A D 1378
3058
7671
Khan A H 3483
14598
21448
30674
48359
Khan A M 72699
Khan A R 14081
48292
82850
91116
Khan D V 40463
74479
Khan F R 45197
Khan H 43810
Khan I R 29104
Khan M 14177
14519
14597
26376
Khan M A 78754
Khan M A W 75147
Khan M C 29191
Khan M H 83083
91419
Khan M I 137
57246
89839
Khan R N 54118
Khan S 48292
Khan S I 20327
Khananov M Kh 35509
Khanduja S D 43988
Khan'kovskii A 88153
Khanmamedov K M 67220
Khanna K L 52794
95517
70941
Kharchenko A F 84006
Kharchenko N A 25812
Kharchenko N F 29578
31417
88490
Kharchenko V A 90355
Kharcheva A I 24559
Khardikova A 25925
Kharkina G A 11971
Khariton E G 853
2611
Kharitonov G A 58515
Kharitonov I V 35510
Kharitonova E N 38973
Kharitonova N 43946
Kharkevich S S 38450
Kharkina G A 38783
Kharkos R 87860
Kharlamov G I 22147
91822
Kharsiev F 91420
Khasanov M 80101
Khashaev Kh M 47117
Khassinen S A 58921
Khatai A 23618
Khatipov Sh E 57455
57456
60841
Khazina E P 38974
81482
Khedker V R 14187
Kheifets F 87987
Khelemskiĭ M Z 45994
71128
88083
Khetagurova F V 62388
Khikalo L 62219
Khimenko T I 39501
Khinevich V 23675
Khirnyi V P 88054
Khitenkov G G 23584
92812
Khitrova N G 54827
Khizkilov I Kh 30092
Khlavich P S 22463
41315
94394
Khlebnikova N A 29852
Khlebunov F 36508
61577
Khlgatian A Kh 29629
Khmelev A 26091
44763
94805
Khmelev B I 752
38975
57090
Khodas K 79661
Khodfukov 42955
Khoeun M P 14337
Khokhlacheva N A 56737
Khokhlfuk A 24221
Khokhrfakov M K 81249
Khollo Sh 33103
Kholodnyĭ N G 13751
29991
30775
40510
30804
81601
Kholomeĭzer V 24118
Kholomeĭzer V G 68358
Kholostova A I 95665
Kholuev S N 24473
Kholupfak K L 66625
83084
Khomenko A A 57091
Khomenko I I 53029
Khomutova N S 40618
Khoperfia M D 39887
Khorana M L 89476
Khor'kov M 7256
Khoroshailov N G 39502
Khoroshavina A M 81514
Khoroshikh P P 19760
Khoroshilov A 44049
Khoroshilov A D 53042
Khoroshilov I 50268
55233
Khorsand M 56964
Khoshtariia S G 79345
Khosla A N 31115
Khotina Kh A 75204
Khramikhin P 62785
Khramov A S 23436
84090
Khramov P A 1756
13046
Khrapov G S 23628
67912
Khrennikova G A 2467
Khristeva L A 73184
Khrobrykh N D 64453
Khromenok A 91603
Khromov M K 88006
Khrzhanovskii V G 48168
Khuchua K N 12873
20760
Khudfak M I 64630
Khudfakov P 40807
66532
Khulia A 94850
Khundanov L E 7986
Khurody D N 35727
Khutsishvili G I 35996
Khvatova M A 2211
Khvoĭnik P 46928
Khvylia K S 61426
91162
Kiaer E 1998
Kibalov P I 20984
35511
73865
82263
Kibart O 85147
Kibe M M 2556
12291
40464
74593
Kibizov V P 2212
Kibler D O 70791
Kibler H H 76323
Kichigin N M 86172
Kichunova K V 39146
39147
Kida N 11049
Kida Y 90242
Kidd F 8869
19330
73330
Kidd L N 85749
Kidder E H 58433
58434
Kidder H E 59672
Kidder R W 67560
67638
76070
76324
Kidner A W 82508
Kidner G T 15898
Kido H 60795
Kidson A L 35635
86858
Kidwell J F 3828
15382
15383
16076
51013
76325

	Item
Kiefer	7898
	25926
Kiefer A	8172
	8173
	53627
	62112
	70070
	70071
Kiefer G C	9037
	83391
Kiefer N C	38083
Kiefer O	14789
	31957
	31958
	31959
	83526
	85318
	92002
	92003
Kiefer R M	7578
Kieferle F	70152
Kiehl E J	14309
	14310
	22061
	30968
	66533
Kiekens D	22540
	22541
	41393
	67057
	75454
Kiel Bundesversuchs- und Forschungsanstalt für Milchwirtschaft	26180
	70232
Kiel Universitat Institut für Weltwirtschaft	3143
	9985
	9996
	10149
	63217
	78888
Kiełczewski B	43811
Kielhöfer E	25813
	86757
Kielland-Gyrud C	1100
Kiely T	64776
	72700
Kiely T B	38697
	445
Kiem S	65653
Kiene	22127
Kiene H A	54485
Kiener A	79856
	93075
Kienholz J R	28897
	47531
	56522
Kienitz	73366
Kienitz E	66811
Kienitz G A	41027
Kientsch A	37337
Kienzle R A	20014
Kieran J	74014
Kiermeier F	1044
	9540
	29467
	35226
	53549
	78730
	81763
Kiermeyer F	17573
Kiersnowski	1101
Kierulf T	31349
	66769
	91604
Kiesel G K	76538
Kieser M E	18232
	18324
Kiesewetter B	10103
	44397
Kiesselbach T A	1200
	12637
	20491
	57092
	62301
Kiessig H	79585
Kietreiber M	29265
Kiewitt	71334
Kifer R S	18458
	1379
	88684
Kiffmann R	1380
	81426
Kiger J	25589
Kiger H C	95056
Kihara H	20216
	49165
	80722
Kihara Y	25611
	54375
Kihl W	86859
Kihlman B	12204
	56856
	73185
Kihlstrom J E	59491
	76083
Kifishko P I	57548
Kiiko M	34887
Kiikov A L	48459
	73559
Kik M C	26692
	46992
	55887
	70726
	87610
Kikuchi F	50574
Kikuchi M	66626
Kikutani M	93528
Kikvadze V	25441
	94395
Kiland T	69188
Kilander H F	38084
Kilander S	89775
Kilbinger A	2780
	49667
	82851
Kilborne W S	94958
Kilbuck J H	44078
	61447
	62590
	70642
	79483
Kilby B A	60629
Kilby W W	21449
	40340
Kilchenmann H	6188
	93609
Kilchenmann H R	14741
	74987
	83495
Kildee H H	92387
Kilduff T J	70817
Kilfoil W P	94106
Kilgus J F Jr	65978
Kilham L	33297
	42680
Kilkenny B C	29163
Killengren J	69922
	86867
Killermann S	72411
Killian B	30564
Killian C	642
	12080
	28808
	29105
Killinger A H	85260
Killinger G B	57247
	57248
	58310
	93610
Killion C	6189
Killion C E	43318
	60679
	68558
Killion E	43318
	60679
	68558
Killner M	15588
Killough D T	39422
	17141
Kilpatrick F	17535
Kilpatrick J W	69038
Kilpatrick R A	64460
	72701
Kilpatrick W J	23386
Kilpinen L	3580
Kilpper W	3707
	50538
Kim M M	32970
Kimata M	35229
Kimball C N	52967
Kimball E	23749
	33141
	84769
Kimball E S	33415
	51703
	54810
	63029
	63030
	79874
	79875
	95416
Kimball H E	53828
Kimball L	80280
Kimball Mrs L	80280
Kimball L B	36152
Kimball M H	28762
	49824
Kimball W A	88222
Kimberlin K	68311
Kimble H T	71436
Kimbrel M M	37109
Kimbrough E A Jr	25442
	78350
Kimbrough W D	1965
Kime J A	26377
Kime O L	69250
Kimmel D C	36200
Kimmel R E	92617
	34707
	43133
	43918
	61305
	94193
Kimsey A	31812
	40878
Kimsey W E	63314
Kimura A	80990
Kimura D	49404
Kimura J	90057
Kimura M	68751
	80723
	82264
Kimura R	94182
Kimura Y	28551
	67143
Kinabrew R G	95343
Kinashi K	91734
	50249
	50250
Kinball M H	886
Kincaid A D	40683
Kincaid C M	79728
Kincaid R R	40905
	50536
Kind W	7384
	17297
	20803
	69486
	78679
Kindelberger A	79765
Kindler A	33142
Kindler A F	5163
	42539
Kindler D	91037
Kindler E	78491
Kindred H	55070
Kindschy D L	53133
King A S	2938
	49534
	49897
King B	3059
	14188
	23525
	23526
	92724
King B E	11256
King C E	16195
	77610
King C G	28228
	38085
	80661
	89015
King C H	24036
King C J	45538
	70506
King D F	23913
	33416
	36798
	42781
	76699
King E	46851
King E D	29252
King E J	6190
King E W	16627
	24751
	78282
King F A	29579
	49354
	88949
King F C	30561
King F E	41580
	41581
	75696
King F R	14286
King F W	67200
King G H	49668
	82852
King G H Jr	76453
King H	56398
King H M	30869
King H W	65385
King J	25667
King J A	26092
King J C	16753
King J E	69438
King J O L	59673
King J T	40808
King J X	51905
King K	1586
	30675
	30676
King K F S	36118
King K W	12415
King L J	21360
	21377
	74280
King L W	40206
King N	53960
	62220
	79149
King N B	59674
King N C	56607
King N J	12874
	12875
	12876
	64356
King N J	74958
	90001
	90477
King N L	22333
	29853
King R A	95413
King R F	32533
	51014
King R L	61124
King S C	23750
	42782
King T	7351
	49587
King T E	53258
	61578
King T J	41580
	41581
	75696
King T L	93186
King W A	57249
	76188
	84196
	95941
King W V	93921
King W W	83512
Kingan and Co	70882
Kingdon E G	86526
Kingen D	84197
Kingman H E	4626
	41923
Kingman H E Jr	76071
Kingon F M	19111
Kingrea C L	16222
King's College Farm Economics Br	10384
	46472
	55456
	55457
	88571
Kingsbury J W	40540
Kingsbury R M	22668
	41568
	41627
	59078
	67161
	87532
Kingscote A A	6507
Kingsland C F	69923
Kingsley J	25590
	46282
Kingston R S T	3802
	3804
	14858
	15027
Kingwill R	85148
Kinman M L	29836
	56738
	90459
Kinnear N B	64032
Kinnell J L	44302
	94458
Kinney C L	14659
Kinne B P	77905
Kinoshita E	50362
Kinoshita S	49504
Kinpyo T	81764
Kinsey L	6597
Kinsman D M	32534
	77018
Kinsman K L	37500
Kinst M	85778
Kintner J H	84705
Kintner L D	4654
Kinzelbach	53007
Kinzelbach W	76326
	78391
Kinzy G	40761

	Item
Kipenvarlifs A F	6457
Kipfmüller W	69212
Kipkalov P K	9628
Kiplinger D C	887
	48087
	49064
Kipphahn H	7768
Kipps E H	66278
Kips R H	10722
	16286
	23037
Kirakosfan A Kh	36119
Kirby A H M	6055
	6061
	6367
	6720
	34518
	89511
	89512
	89524
Kirby A J	16396
	52253
	60695
	77432
	77433
Kirby E M	26953
Kirby H	15439
Kirby K S	27223
	50580
	83643
Kirby R H	13703
	49344
	49355
	61706
	74364
Kirby R S	47613
Kirby-Smith J S	20328
Kirch F	4781
Kirch W	13288
	40037
	82383
	82384
Kircher M	82385
Kircher R	82385
Kircher W H	9038
	13586
	41836
	45944
Kirchgässner A	10104
Kirchheimer F	64131
	64132
Kirchhoff H	82386
Kirchmeyer	66354
Kirchner	89513
Kirchner C	38005
Kirchner J G	36716
	87438
Kirchoff G F	53870
Kirdoda I	53961
Kireev IU F	21867
Kiriakoff S G	25049
	34598
	78130
	85319
	85971
	94107
Kir'ialova E N	86758
	86759
	87362
Kir'ianova E S	81357
Kirichenko A N	61066
Kirichenko F G	38976
Kirik S	53717
Kirikov S V	41187
Kirfukhin A	25381
Kirfukhin A M	7118
Kirfushin I	25927
	37501
Kirfushkin N V	39559
Kirk A	32535
Kirk C	32536
Kirk C H	31561
Kirk D E	34926
Kirk E B	89208
Kirk E J	77434
Kirk H	4889
	67364
Kirk I	73172
Kirk H	92954
Kirk H B	52254
Kirk J E	11050
Kirk J F	32910
Kirk L E	28420
Kirk M G	3617
Kirk M R	23844
Kirk O	57532
	57537
Kirk O D	39721
Kirk R	52541
Kirk V M	68421
Kirk W G	15356
	23122
	23221
	32636
	39490
	63573
	76072
	76189
Kirk W H	76564
Kirkham D	58073
Kirkland J B	10723
Kirkman W T	82232
Kirkpatrick C M	42681
	42682
Kirkpatrick D Y	4867
Kirkpatrick H C	570
	56609
Kirkpatrick H Jr	20432
	21374
	81747
Kirkpatrick J D	91293
Kirkpatrick M E	8889
	86540
	45308
	36228
	54376
Kirkpatrick N	84968
Kirkpatrick R	50370
Kirkwood A M C	36457
Kirkwood C W	17021
Kirkwood J	19343
	62142
Kirnbauer F	32014
Kirner G	69924
Kirnitskii B T	65143
Kirnos E A	24560
Kirsanov P M	4233
Kirsch	51114
Kirsch M	51891
	51923
	51924
	77053
Kirsch W	3899
	3900
	44033
	53012
	50734
	84091
Kirshchenfa A	58030
Kirschfeld P	31562
	50095
Kirschner M J	327
	43202
Kirschninck H	50735
Kirshenblat IA D	60842
Kirshner N	23940
Kirste	14287
	22006
Kirstein	17235
Kirstein H	32448
Kirste	73367
Kirsten	73823
Kirsten F	1815
Kirsten W G	45622
Kirtbafa IU K	34777
Kirthisinghe F	73782
Kirtley M B	79074
Kirwald E	31707
	31799
	66627
	75180
Kiselev A N	57953
Kiselev F I	50251
Kiselev I I	61363
Kiselev N V	24561
Kiselev V S	42164
Kiseleva A F	32845
Kiseleva E N	39086
Kiser O M	23209
	43018
Kishen K	1102
	1201
	8502
	11347
Kishima T	47757
	50440
	64623
	50632
Kishimoto S	50581
Kishkin S P	32637
Kishkovskii T N	47977
Kishore R	18777
Kislfakov V	27503
Kislfakov V D	66064
	71437
Kislifsyna L P	91185
Kislifuk M M	48137
	56958
Kišpatić J	11822
	89617
Kisser J	31940
	40341
	44398
	74919
	75067
	75697
	92160
Kissin I	22101
	22283
Kissinger N A Jr	91038
Kissling R E	5032
	5057
Kissling R O	40540
Kitaeva O N	15733
Kitagawa M	138
Kitajima H	72571
Kitajima K	72485
Kitamura H	50464
Kitavin G S	1045
	48169
	90159
Kitchen C W	45348
Kitchen J B Jr	71633
Kitchen J E	25668
Kitchens J H Jr	91918
Kitchin A H	96139
Kitching H W	53350
Kite W E	17759
Kith Tassara M	83245
Kitov V	35192
Kitsutaka G	50320
Kitt T	4097
Kittel Mrs H S	65654
Kittel R	92883
Kittleson A R	28899
	86548
Kittelson J M	31492
Kittredge J	75245
Kittrell B M	16496
Kittrell F P	71768
Kitts H W	55672
Kitzke E D	38860
	91226
Kitzler K	58284
	65979
	73560
Kitzmiller J B	77925
	85810
	85813
Kivelä A	41344
Kiver F V	48791
Kivimaa E	22662
	75472
Kivimäe A	12774
	42919
	92185
Kivinen E	43
	21532
Kivlin V E	10724
Kiyoku M	93413
Kizima P N	18417
	62710
Kjaer A	14602
	29580
Kjaer M T	80281
Kjaergaar-Jensen N	62221
Kjaergaard N	19486
Kjar N A M	6806
Kjeldstad S K	3484
	14642
Kjelgaard W L	38254
Kjellander B	72163
Kjellander E	16705
Kjellander H	64922
Kjellén C	16397
	93611
Kjellstrand S	18099
Kjelsrud K	80340
Kjennerud J	81583
Kjøs O	9206
	27504
Klaassen P	79346
Klaber D	1999
	65655
Klackle R	36100
Klaebo K	3452
Klaehn F U	15028
	31639
	31708
	41234
	75246
	91958
Klaenfoth P	81787
Klages	43523
Klages A	74365
Klages K H	81803
Klaiber K	86440
Klakočar E	16582
Klaman C A	27062
Klamer P H W	10978
	46929
Klamroth H B	71775
Klang C A	48792
Klapp	40684
	89776
Klapp E	12081
	29503
	38861
	49166
	49669
	82853
Klapp E L	1103
Klapperich J	60843
Klar R	35997
Klarup-Hansen J	328
	1757
	5954
Klas L	70792
Klasing W	87611
Klass K M	67827
Klat P	30677
Klatt C H	59675
Klatt W	7579
	10105
	10106
	25591
	25755
	27505
	27506
	35334
	78703
Klatt W L	66674
Klatzmann J	72100
	88950
Klauder	27730
Klauder G	63724
Klauditz W	59129
	92139
Klaus E	24204
	46537
	70507
	87404
Klausen S	41722
	50213
Klauser O	25401
Klausman B S	67828
Klauss M L	65254
Klaveren J J van	38217
Kleber J W	56975
Kleber W	7769
	7770
	9039
	26693
	69814
	70727
	95580
Kleburg R J	62786
Klechkovskii V M	12361
	21533
	29292
	29294
Klečka A	19023
Klecker K	67639
Kleczkowski A	29206
Klee A	88639
Klee J	58122
Kleemann C W	6191
Kleiber	85208
Kleiber M	16102
	23317
	51221
	51222
	59200
	67640
	76327
	78992
Kleifoth F	69189
Kleiman G C	26023
	44868
Kleiman L	68176
Kleimann	78637
Kleimann W	53030
Klein	54199
	90002
Klein E	33677
	51115
	58597
	79589

	Item
Klein F	24562
	24563
	41837
	71999
Klein G T	5465
	8384
	17271
	24037
	33417
	42783
	42784
	44019
	51531
	51695
	51704
	68125
	94902
Klein H	77435
Klein J G F	42540
Klein K	70569
	82265
Klein L G	753
	1847
	1848
	2213
	57545
	66457
Klein L M	25325
Klein M	83625
Klein R M	47979
	47994
	81613
Klein W G	79301
Klein W H	29295
	56862
	56863
Kleinau R	92450
Kleinbok I A	42471
Kleine A P de	5955
	57841
	74176
Kleine R	43452
Kleine-Besten	30032
Kleinen H	39278
Kleiner B D	72572
Kleiner P	2000
	13289
	30273
	82387
	90003
Kleinert T	87222
	92100
	94959
Kleinfeld R	25592
Kleinfeld V A	25669
	35298
Kleinferchner	25928
Kleinferchner J	8247
Kleinman J R	70072
Kleis R W	28900
	86298
Kleist L C	35180
	44037
	61672
Klem G G	3591
	22495
	41367
	41543
Klement F L	55765
Klement O	31640
Klemm	68063
Klemm J L	6192
Klemm K	41511
Klemm K H	14913
Klemm M	41255
Klemme A W	30815
	39087
	39211
	82854
Klendshoj N C	77304
Klenin I I	4098
Klenk E	61427
	61943
	61944
	78893
	94656
	94657
	94658
	94659
Klepaczko F	4890
Kleppenes K	15640
Klerk J C de	60382
	70408
Kleshnin A F	12362
	20329
Klesov M D	4627
Klesser P J	566
Klett W	38584
Klette G	30437
Klíashtorin I P	35549
Klicka M	86527
Kliefoth A	17119
Kliefoth F	61532
	69340
	78546
	94396
Klietsch A	91664
Kliever W H	69062
Kligman A M	21273
Klifà O O	7119
Klimenko B	45060
Klimenko G D	24564
Klimenko K T	20893
	73783
Klimenko N I	27134
Klimenko V I	17295
Klimenko V N	20893
	73783
Klimentov A A	43319
Klimes M	12701
Klimesch J	78131
	78132
	78133
	78134
Klimin I K	62613
Klimmek H	87612
Klimmer M	23437
Klimov G	7375
	25293
Klimov G M	35897
	36509
	57251
Klimov V I	3437
Klimovitskafà Z M	1017
	1072
	82913
Klimscha V	79017
Klinck M S	44913
	53111
Klinckowstroem C Graf von	72288
Klindić O	11823
Kline A B	19415
	27423
	37831
	46068
	63228
	80495
Kline E A	54605
	62317
Kline E L	2001
	74015
Kline F W	82388
Kling E G	29296
	29213
Kling J B	31780
Kling W	35998
	61707
	70409
	87223
Klingbell	30969
Klinge G	53392
	82509
Klingebiel A A	40406
	40432
	83124
Klingelhoets A J	30831
Klingelhöffer H	35315
	69643
Klinger D	34927
Klinger T G	78775
Klingler H	33418
Klingler K	5841
Klingman D L	30562
Klingman G C	21336
	21373
	30563
	39088
	65980
	65981
	66035
	91039
Klinkenberg C H	47401
Klinker J E	49258
Klinkowski M	446
	12001
	20091
	20403
	20819
	34599
	38218
	64461
	64536
	68752
	89514
Klintworth H	58435
Klipple G E	20726
	29802
	48460
Klishchevskafà M S	917
	20348
Klitsch C	39614
Klitzke D	10239
Klíuchareva M V	56695
Klíukach A	58436
Kliushkin P A	68662
Klíushnik P I	28901
	39089
Klochko I M	50981
	51313
Klochkov V	25294
Klochkova K P	36876
Klock A G	70410
	79284
Klöck W	3272
Kloen D	39503
	48619
	65257
	82106
Kloeppel R	7067
	17350
	25525
	44094
	78351
	94469
Kloes L J J van der	21866
	56857
Koetzpa	25218
Kloft W	15940
	42858
	52715
	77960
Kloiber O	7372
Klokova M	53031
Klomp G J	12775
Klompe F H A M	35999
	36000
	36001
Klomparens W	28829
	64396
	72702
Kloor L A Jr	73682
Kloos A W Jr	11425
Kloot N H	14967
	14968
	83668
	83669
Kloot W G van der	59093
Klopfenstein L D	9158
Kloppenburg D	21869
Kloppert N	18737
Klos	6193
	6194
	6195
Klos P	19650
	93612
Klosa J	44
Klose	14711
	22423
	66893
Klose A A	27013
	45862
	71032
	79857
	87943
Klose A N	81602
Klosterman E	71634
Klosterman E W	3962
	16086
	23804
	32347
	33560
	37599
	76726
	77071
	85084
Klosterman H J	3962
Klostermeyer E C Jr	52102
Klostermeyer E C	60844
	78135
	93431
Kloth W	9449
	69110
Klots A B	16989
	61209
	68962
	94086
Klotz	75181
Klotz L J	521
	12470
	8870
	30006
	56523
	72703
Klotz M	94960
Klotzsche C	33210
Klougart A	329
	10107
	21119
	74594
Klougart N	12924
Klub für Terrier	92725
Klug H L	4090
Kluge	49435
Kluge G	2781
Kluge T O	8710
	8717
	8808
Kluge T O	26517
	36201
	45384
	55839
	55840
	79500
Klumpp C	79075
Klumpp E	22016
Klumpp M E	81781
Klumpp T G	80766
Klupsch H	53962
Klupsch H J	79018
Klusmann W H	63982
Klussendorf R C	75883
	75884
	92618
Klute A	66124
	66146
Klüter	7499
Kluyver A J	20453
	61849
Klychnikov V M	40407
	61437
Klykov V M	77436
Klykova M A	3442
	31695
Klyne W	84652
Klynstra B H	34251
	60845
Kment A	33729
Kmonitzek	3188
	3343
	3555
	22174
	31836
	31837
	50499
Knaap W P van der	43662
	81250
	86760
	86761
Knabe W	30678
Knaben G	72343
	80923
Knaben N	17027
	68963
Knake B O	71182
Knape P	90944
Knapp A	94520
Knapp B J	76073
Knapp G	72398
Knapp J G	10892
	19420
	19421
	37950
	63800
	88879
	88880
	96054
Knapp R	72398
Knapp R M	26953
Knapp W A Jr	92451
Knauer	36307
Knauer G	56833
Knauer H	92118
Knauer W	70508
Knauff O	87613
Knaus K	10108
	10725
Knaus K D	67561
Knauth A	45432
Knāviņa M	28802
Kneale R E	31972
Kneale W T	20559
Knecht J	63510
Knedell C	33932
Kneeland C J	21274
	40809
Kneen E	70728

Knell K Item 53184, 86349, 86350
Knell O 34030
Knetsch A 42859, 60283
Kneubühler H 75116
Kneuse C 69286, 94368
Kneuttinger 94806
Kneuttinger E 86861
Knew E 36654, 54670, 70883
Knĭazev A 53202
Knĭazev S I 64992
Knĭazev V E 84732
Knĭazev V P 58877
Kniaz'kov S A 34861
Knickel D 28231
Knickerbocker M E 50947
Knickmann 91310
Knickmann E 21625, 22017
Knickmann H 80420
Knief H 2782, 48224, 49670
Knieschek 7308
Knigge W Freiherr 27379, 32252
Knight A T 88776
Knight C A 567, 72851
Knight D A 63504
Knight E 83571
Knight E D 92696
Knight F B 43203, 78136
Knight F P 49009, 57719
Knight G F 93529, 94566
Knight H B 18635, 36559
Knight H H 77961
Knight I W M 6368
Knight K L 6593, 43588, 43589, 43596, 61012
Knight L 8712
Knight N 10942
Knight R 58279
Knight R A G 14850, 14870, 14871, 75541, 83587, 92066
Knight R L 23977, 38977
Knight S E [illegible]
Knight S G 12303
Knight W H 27978, 69107, 69108, 69287, 69471, 69472
Knipling E F 5956, 6539, 6540, 43590
Knipling E F Item 52103, 52104, 68422, 85378, 93432, 93433, 93434
Knippel 52453
Knippel R 14498
Knipper N V 57093
Knirsch W 23222
Knisely M H 50854
Knobel R J 8385
Knöbl G 21626, 21627
Knoblich 18287, 23223, 27979, 31302, 48461, 49825, 67562
Knoblock E C 34692
Knoch R E 38246
Knöchel E 96154
Knock G G 8768, 49463, 53550
Knodt C B 3901, 15359, 15387, 15438, 23224, 41723, 42162, 59201, 59239, 59558, 59720, 59721, 67288, 70323, 70324, 76190, 79205, 92543, 92568
Knoebel L K 67275
Knoefel J 6986, 18945, 52968
Knoepfler N B 36706, 54046, 62926
Knol W 19344
Knoll F 10109
Knoll J G 1381, 66217, 73561
Knoll L 40290
Knoll N 66125
Knölle G 1382
Knoop F 21870, 42989, 57094, 94428
Knopff 4488, 7309, 15286, 84198, 86396
Knopov T 58285
Knoppien P 21709, 29912
Knorr F 37026, 72137
Knorr L C 552, 12002, 23006, 29249, 47625, 81335
Knott J C 26288
Knott J E 29320, 29321, 48001
Knottnerus C S 10893, 17649, 19024
Knouse M E 54269
Knowles E 27223, 50580, 83643
Knowles F L 69462
Knowles G 91040
Knowles G A 17935
Knowles G H 12776, 73562
Knowles J O 50855
Knowles N R 25576, 69508
Knowles R H 13290, 39670
Knowles R P 29727, 50856, 51393
Knowles T E 42785, 67972
Knowles W H C 29854, 54896, 66355
Knowlton G F 6196, 16706, 16839, 16840, 16841, 24998, 25133, 34465, 34515, 34677, 43204, 43832, 43899, 52373, 52646, 52684, 56399, 60696, 60697, 60939, 61047, 61048, 61067, 61068, 61069, 61263, 63962, 68535, 77238, 77731, 78273, 85658, 94013
Knowlton H W 13291, 30274
Knowlton M S 52105
Knox C W 5164, 23780, 60028
Knox E M 12149
Knox F A 37059
Knox F H 41988
Knox J H 4729, 32638, 51015, 51116, 59480, 59481, 59484
Knox J T 41989
Knox R 45008, 87488
Knox R G 8386, 51925, 61579, 62787, 76074, 92452
Knox R I 49671
Knox W D 4332, 4435, 22947
Knudsen A 80017, 94903
Knudsen A F 9630, 15088, 19497, 36877, 44626, 45945, 53718, 55841, 96092
Knudsen K 59574
Knudsen L L 2678
Knudsen P U 2561
Knudson B M 81069
Knull J N 85652
Knupker J 19345
Knust H G 65982, 69301
Knuti L L 55673
Knutson K 68423
Knutsson A 90821
Knutsson G 13948
Köb H 8503
Kobakhidze A N 49298
Kobata S 91605
Kobayashi F 13752
Kobayashi G 93530
Kobayashi H 52856
Kobayashi S 29793, 64133
Kobayashi T 11813, 50321, 72692, 82507, 91267, 93451
Kobayashi Y 18129, 75698
Kobayasi Y 261, 28690, 81105
Kobel 39816
Kobel F 12530, 13102, 19651, 24565, 39817, 39888, 47978, 49672, 57717
Kobel H 28874, 28876
Kobendza R 28552
Kobernik S 61467
Kobernuss E C 66356
Kobert 32537
Koblakova A M 12552, 39258, 90177
Koblĭakova N I 32735
Koblents-Mishke O I 47882
Kobler A 36717
Koblet R 30970, 72197, 74855
Koblic J 50736, 50737, 54227
Koblitsky L 24436, 30760
Kobozev N I 1078
Kobrin B 29927, 49673, 62463
Kobro J 35728
Kobrynin G M 57208
Kobuleĭ T 6369
Kobusiewicz T 32348
Kobuski C E 38451, 56223, 56245
Koby R F 47532
Kobzikova E 45009
Kocab F 76700
Koch 22318, 49167, 86862
Koch A 41924, 42786, 59421, 62995, 63276, 79662, 85008, 93325, 95237, 95238
Koch B 45738, 55674
Koch B A 16010
Koch C 6458, 23438, 67492, 67746, 77732, 46103
Koch C R 59575, 91163
Koch D 45198
Koch E 72051, 80178, 87405, 87406, 95097, 96093
Koch F 19824, 88055
Koch G 70073, 70121
Koch H 77845, 86249
Koch J 2771, 17794, 25814, 35512, 35513, 44698, 45010, 53654, 53655, 69815, 69816, 87363

	Item
Koch J E	31979
Koch L F	204
	11537
	11538
	28632
	64261
Koch L W	3109
	28886
	47682
	50004
	64357
	89554
Koch M	6796
	15899
	84969
	85379
Koch P	42472
Koch P A	87224
Koch R	7772
Koch R B	9040
Koch T W	69644
Koch W	3485
	5336
	14431
	31800
	50126
	50187
	50188
	59853
	59942
	68064
	86351
	92300
Koch W J	28691
Koch de Brotos L	5890
Koch-Erpach R	58437
Kochemirovskiĭ I P	33007
Kocher C	77913
Kocher F	87225
Kocher L	60846
Kocherga F K	91484
	83246
Kochergin A E	40685
Kocherina E I	91198
Kocherzhenko I E	29991
Kochetkov D	34778
Kochetova N P	48745
Kochetovskaĭa E N	63623
Kock U	26229
Kockenderfer G D	39569
Kocowicz I	23497
Kocyłowski B	32349
Koczera F	8387
Koczwara M	81382
Kodas K	26882
Kodenko A N	49674
Kodim F	75885
Kodinec G	42541
Kodochigova N	30438
Kodras R	5246
Koegel A	59422
	84007
Koegel A O	32350
Koegel L	28421
Koehler A	22748
Koehler B	28763
	29574
	29606
Koehler F E	31251
Koehler W	31418
	83247
	85380
Koehn A	21120
Koehne M	11022
	80643
Koelle G	12150
Koeller H L	53185
	78547
Koelstra J	1405
	90385
Koelz S E	86596
Koenen K	53872
	53873
	62073
	62074
	86999
	87000
	87001
	87002
	87003
	87004
	87034
	87035
	94820
Koenen W	54200
Koenig G	4884
Koenig H J	12003
Koenig N	37338
Koenig P	9702
	54928
Koenig P L	38329
Koenig W R	52235
Koepenick E L	94851
Koeppen A v	32150
Koerber W von	37832
Koerjana R	92989
Koerver C	8871
Koester F W	33008
Koester M L	20330
Koestler G A	53963
Koetschau R	79807
Koetsveld E E van	78731
Koffler H	1068
Koffman M	5058
Koffsky N M	27240
Kofoed A D	12777
	29007
	48462
	57095
	58286
	58287
	95993
Kofranek A M	30275
Kogan A Ĭ A	59911
	84675
	84730
Kogan F	6987
	63318
Kogan Fŭ A	41316
Kogan M	26821
Kogan S	34946
Koganov A	9929
Koger M	15287
	42898
	50670
	59482
	59483
	59484
	60471
	67493
	68226
	76454
Kogstad K J	7179
	94397
Kogure T	50257
Kohara J	50641
Kohara T	83258
Kohl H C	74595
	82671
Kohl P A	57954
Kohl R	75182
Kohle A K	1202
Köhler	16398
Köhler A	31607
Köhler E	47637
	81336
Kohler F	40207
	77437
	85503
	93613
Kohler G O	42599
Kohler H	41454
	55675
	67610
	89664
	11824
	42165
	64536
	81251
	91227
Kohler H C	30564
Köhler H J	23585
Kohler M A	31206
Köhler O	95518
Kohler P	70325
	34600
Köhler R	49535
	67137
	83085
Köhler W	18100
Kohler W J Jr	19422
Kohlhas W	4881
Kohli H	95670
Kohli M L	15570
Kohli S P	82033
Kohlman A	4360
Kohlmayr N	7310
	17272
	25267
Kohlmeyer J B	18905
Kohlmeyer W	5161
	23808
	23809
	45847
	51571
Kohls G M	24704
	52374
	77949
	85575
Kohls H	39615
Kohls R L	19423
	54786
Kohlschütter H	66733
Kohm A	77115
Kohman E F	54228
	87364
Kohn A H	60029
Kohn C F	37633
Kohn W	27693
Kohn-Abrest E	35514
Köhne G	9703
	10979
Kohnke H	1203
	66106
Köhnlein J	40686
Koide J	50511
	50512
Koie G	49283
Køie M	38405
Koike H	82724
Koivisto E	62113
Koizumi S	50463
Kojima K	93543
Kojima T	80282
Kok B	20331
Kok E A	33678
Kok J	58061
Kok J A	90822
Koke I	5358
Koke O	66955
Kokhomskiĭ F M	37495
Kokkola R	86379
Kokoreva L T	37027
Kokorine V	9348
Kokoshkin P P	12972
Kokurichev P I	32311
Kokushkina R P	13478
Kolachov P	35388
	61850
Kolakovskiĭ A A	38356
Kolařík J	56858
Kolasinski R	90823
Kolb	86863
	94722
Kolb R W	59327
Kolb W D	72928
Kolbach P	17762
Kolbe E L	50163
Kolbe F	65126
	90293
Kolbe R W	47768
	56310
Kolbe W	15704
	84609
Kolbezen M J	24446
Kolda J	4100
Kolde E	46393
Koleov S	88362
Kolesnichenko P	52969
Kolesnik I	22334
Kolesnik I D	1383
	39279
Kolesnik L B	57595
Kolesnikov A	58811
Kolesnikov A S	75323
Kolesnikov L A	82389
Kolesnikov P A	90160
Kolesnikov V	91823
Kolesnikov V A	29928
Kolesov N I	41317
Kolesov S G	22948
Kolesov V M	26694
Koletzgen	25219
Kolfăda A A	71852
Kolfădin B I	41321
Kolfăsev F E	49675
	57096
Kolĭasin E	86352
Kolisch M	1019
Koljo B	50475
Kolk H	447
	73425
Kolker S	25517
	37755
Kolkhoznyĭ Universitet "Volzhskoĭ Kommuny"	23059
Koll F	25161
	34731
	53304
	53324
	53325
	78618
	86105
	86397
	86398
	86429
	86455
	86499
Kollath W	38086
Kollath W	63897
Koller E F	28078
	37951
	55017
	79068
	94773
Koller J	39349
	73422
	89997
Koller R	32202
	50671
	83882
Kollmann F	3793
	31350
	31419
	41628
	41629
	58958
	59024
	75674
	75675
	83513
	83527
	83681
	91563
	91988
	92147
	92161
Kollmann H	80566
Kollmorgen R	94601
Kollmorgen W M	55234
Kollonay E	93203
Kollrack H	88951
Kolmakov P P	39280
Kølmark G	56739
Kølmark G	73172
Kolobkov M N	22148
Kolobolotskiĭ G	26822
Kolobov G	33211
	51705
Kolobov G M	24038
	33442
Kolobov V D	11368
Kolobova A N	61125
Koloda A G	59970
Kolokshanskiĭ V A	23419
Kolomiets A A	2186
	94245
Kolomiets I A	90004
	90005
Kolomiets Iŭ S	43524
Kolomiets N G	85750
Kolosov I I	90006
Kolosov N	26181
Kolosova A V	91311
Kolosvary G	85576
Kolotilova A	26160
Kolowca J	83768
Kolpakova S A	61306
Kolpakova V N	38333
Kolpikov M V	31666
Kolsanov D	35071
Koltunovich O I	84770
Kolushov N P	59328
Kolychev I	4101
Kolyshev P	61480
	69270
	94352
Koma S	56859
Komai T	8459
Komanenkov F A	38219
Komárek O	43812
Komarofi A	15830
Komarov A	4628
	5680

	Item
Komarov I F	754
Komarov I N	48463
Komarov I P	31709
Komarov N F	29056
Komarov N M	25382
	61400
Komarov P D	91959
Komarov V G	87226
Komarov V L	28485
	89265
Komarovskiĭ P O	31756
Komatsu N	28415
	80882
Komatsu T	29581
	29582
	31309
Komendant P I	24605
Komfakovich V IA	41838
Komissarov S	32846
Komoro T	78824
Kompfl H	31757
Kon K	20910
Kon S K	4438
	5218
	8017
	11127
	15771
	15811
	16056
	23187
	23301
	24237
	51084
	59642
	61562
	67273
	76731
	80686
	85202
Konawsky	46283
Konba T F	56524
Končar L	51345
	60316
Konczewski	10110
Kondakov A	24566
Kondarev M	65472
Konde W N	23498
	50857
	59329
	67365
Kondion A K	73869
Kondo G F	35515
Kondo I N	30068
	30093
	73870
Kondo M	29657
Kondo T	50625
	59121
	73426
	93413
Kondrat'ev E V	7464
Kondrat'eva V K	25111
Kondratfuk N	79858
Kondratfuk V	94292
Kondratfuk V P	21810
Kondratovich N E	58935
Kondratowicz S J	29106
Kondyrev V	50736
Kondyrev V E	59202
Konecky M S	24444
Konecny J	808
Konekamp	74596
Könekamp A	3163
	48464
	73563
Könekamp A H	57252
	65127
	67563
	82006
Könemann E	2679
	13857
	14311
	15526
	16287
	25563
	30971
	34862
	37634
	40687
	52106
	58212
	63577
	64599
	66258
	66357
	71665
	85381
	85382
Konev G	22149
Konev G I	41121
Kongsvik R	36510
	66458
König	44805
	62143
	76075
	92453
König A	9631
König E	45
	14754
	15029
	22424
	31960
	31961
	32015
	43453
	50476
König F	39504
	48465
	65128
König H	91753
König H A	35002
Konig J	64033
önig K	4333
	4334
	51016
	59485
	67232
König L	84092
	84330
Konig M	60778
König R	24167
König W	8131
Königsbauer H	12363
Konigsberg I R	33271
Koning A J de	44128
Koning H	12778
	12779
	57253
Koning M de	83398
Konings J G	79859
Koningsberger V J	80886
Koninklijk Belgisch Koloniaal Instituut	26912
Koninklijk Instituut voor de Tropen Afdeling Tropische Producten	53499
Commissie van Tolzicht op Proefnemingen	94852
Koninklijke Nederlandse Zuivelbond	62185
Konishi C	13818
	30972
Konishi T	33062
	70411
Konitzer	74678
Konfushkov	29728
Konfushkov N S	90356
Kon'kov V	94398
Könnecke	21628
Könnecke G	28304
	39281
	39351
	57955
	66358
	66459
	81863
Konnikov A	26883
	36655
Kono R	93260
Kono T	93531
Konokotina A G	13801
Konokotina N	44806
Kononov M N	58904
Kononova M M	49676
Kononfsev M	57842
Konopásek K	18039
Konoplev N A	30094
Konoplev V F	1816
Konovalov I	25443
	53186
Konovalov I N	89840
Konovalova M	26182
Konow R von	14914
Konozalov I N	89812
Konst H	33661
	41875
	42125
Konstantinov A S	24824
	60994
Konstantinov P K	73746
Konstantinova A M	56740
Konstantinovskii V	75276
Kontkanen P	24941
	24942
	34466
Kontuniemi T	28305
	52716
Konupka F	48853
Kool I	36384
Kools J F	14499
	22450
	75430
Koonce B	77232
Koonce H	46898
Koone H D	52375
	78137
Koono T	79590
Koontz B	91606
Koonz C H	62996
Koop H	92067
Koopman C	36385
	51537
	88575
Koopmann	66359
Koopmans U	45539
Koopmans W	1758
Koornneef H	9853
	18893
	18894
Kooser E K	38273
Koot I van	20332
	47638
Koot Y van	30439
	47980
	73718
	90945
Kooyman H	2941
Kopecký J	15527
Koperin F I	41028
Kopetz L M	39352
	49168
	49677
	49678
	57843
	66360
Kopitke J C	21984
	40291
Koplin F	9041
Kopmeyer M R	26695
Koporskiĭ M M	24205
Kopparbergs Läns Hushållningssällskap	96177
Kopparbergs Läns Kontrollförening	51314
Köppe	51017
	76455
Köppe I	71773
Koppe R K	64704
Koppejan A W G	46284
	46394
	46485
Köppel	330
Köppelmann K H	63109
Koppeschaar W F	2002
	49010
	74016
Koprfakov P E	71556
Koprowski H	50858
	60475
	84518
	85261
Koptev M A	31420
Koptev V I	91683
Koptev V S	24567
Kopylov I I	31667
Kopytov F	26183
Korando S	55014
Korbel A B	17763
Körber F	9930
Korchagin A A	139
	19761
Korchanov A	31668
	31710
Korchanov A T	31563
	37502
Korchenfuk IA T	90243
Korchevoĭ P V	24261
	60424
Korchinskii A I	45995
Korchinskiĭ E K	34906
Korckman S L	13479
Kordes H	11825
Kordes W	49011
	64358
	74017
Kordova Z T	12972
Kordts	76076
Kordts E	67641
	76938
	93117
Korei S	16675
Korell A	16157
	16614
Korenenko E	40762
	44095
	69190
Korenev G V	57254
Korenfako A I	19885
Koren'kov G	37204
Korepanov P D	92210
Korepanova G IA	23751
	76701
Korepov M I	41345
Korf R P	28692
	56342
Korff F A	94567
Korfhage R F	7773
Korfsmeier K	66998
Korhammer K	11826
Korfagin A	21900
Korić M	81429
	90007
Korič S	81429
Korica B	80924
Korin S	1384
Korkhaus R	84519
Korkman N	4778
	15288
	76063
	76077
	84325
	92697
Kormilev N A	24943
	34467
	34468
	43663
	43664
	61070
	77962
	93971
	93972
Kormshchikov P A	22821
Kornaś J	643
	29057
Korneev A P	90946
Korneev N A	48466
Korneichenko E A	2532
Korneichuk V D	30973
	30974
	30975
Körner M	86265
Körner T	14712
Kornev P	39742
Kornev V P	29729
	41235
Kornfakov A P	29830
	82998
Kornienko N I	33622
	51807
Kornienko O	26184
Kornilov A A	888
	12365
	39090
	48467
	73427
	90244
Környei J	15471
Korobkov A	3438
Koroleff A	14526
	41137
Korolev A	26185
	45011
	94853
Korolev M	94854

	Item
Korolev V	27380
	34825
Korolev V D	23688
Koroleva N IU	73428
Korol'kov A G	33047
	92813
Koropov V M	67366
Koroskys M J	70412
	87227
Korostyleva M IA	29924
Korotev J R	3230
Korotkevich A V	25815
	35516
	35517
	78894
Korotkevich D A	1135
Korotkevich G	61327
Korotkevich G G	34732
Korotkikh A V	23629
Korotkikh G I	24393
Korotkov A I	32203
	51785
	85050
Korotun A M	91891
Korovin E P	56025
	56034
Korpilla P	34031
	60698
Körprich M	4782
	41990
	51018
	84093
Korrick F C	25929
	55384
	69925
Korsakova M P	11257
Korsbøen H A	14338
	74988
Korsby P	48293
Korschefsky R	68663
Korsgaard V	7311
Korshunova A F	448
Korsmeier R B	21985
Korstian C F	89777
Kortenhorst A T	36386
Korteweg A	10894
Korteweg G A	73596
	81810
Kortleven J	13858
	14312
	82855
Kortooms G	20560
Kortschak H P	71142
	79948
Kortum M	33420
	68126
Kortzas C B	24364
	24695
Korunov M M	41029
Korven H C	58438
Korzan G E	17910
	44869
	46810
	46819
Korzenev M P	23586
Korzhev N	53719
Kos IU I	65386
Kosanke M W	77438
Kosarev M G	57255
Kosareva E G	48468
Kosch A	57718
	72293
	72399
Koseki T	55043
Kosenko V V	34888
Koshal R S	10547
	95177
Koshcheeva A Kh	21710
Koshelev F	55385
Koshelev P I	50739
Koshimizu T	693
	81070
Kosikov K V	29164
	29165
Kosikowsky F V	44807
	61392
Kosin I L	23715
	23941
	33143
	42542
	42683
	60030
Kosinskaia E K	56311
Koskenmaa E J	41346
Kosker O	25612
Koski V M	12524
	29400
Kosikowsky F V	79093
	86992
Kosmack K	2939
	21556
	69271
Kosobuſskaſa L M	90161
Kosovac A	92841
Kostarev G	77439
	77440
Kostenko A I	23630
Kostenetskaia L O	46395
Koster J L	62853
Koster P	87614
	40967
Kostermans A J G H	133
	19825
	80991
	80992
Kostſakov A	82999
Kostſakov A N	49971
Kostin B V	36002
Kostin I A	42715
Kostin I M	31711
Kostina A A	32405
Kostina M I	7464
Kostinenko G I	21498
Kostſuchenko V	54569
Kostſuk A N	30110
Kostſuk S	82621
Köstler J N	58773
Köstlin A	52913
Kostner M	4629
	23318
Kostoglodov L A	81603
Kostoglodov V F	43320
Kostolevskii M	58889
Kostomarov	22357
Kostrin K V	20333
Kostrinsky J	20622
Kostrſukova K IU	47171
Kostromina A S	31712
Kostſeleſskii N	57844
Kostſov A A	36003
Kostuch M	86472
Kostulovic G	82562
Kostyakov A	91421
Kostychev P A	30832
Kostygov V	44764
	44836
	94807
Kostyra J	93261
Kosugi K	81604
Koswig M	2868
	7068
	7222
	20492
	69191
	69341
	86353
Kot IU D	45996
Kotaiah P	88777
Kotcher E	15601
	23507
Kotelev V V	21544
Kotel'nikova A V	889
	1046
	39259
Kotenko T	37205
Kothes A	44330
Kotilainen M	14872
	75571
Kotilainen M J	47251
	47711
Kotitschke G	1042
Kot'kalo A I	9632
Kotlán A	5582
	5681
	33586
	83883
Kotlán S	92301
Kotlſarenko M R	35518
	69792
	78895
Kotlſarov	24646
Kotok E I	14381
	41051
Kotok E S	14790
Kotov I F	31877
	58922
Kotov M I	33534
Kotov P F	90357
Kotov S S	32923
Kötschau M	76902
Kotschevar L H	35366
	55888
Kott S	30565
Kott S A	2362
	13587
	49284
Kott V	55930
Kotte W	33874
	43205
	56400
	85383
	93435
Kötter H	76663
Kotterer R	7987
Kotthoff P	19025
	20015
	28902
	38843
	77860
Kotzé J J J	51808
Kotzsch H	17029
Koucky R W	71868
Koudela S	51926
Koudele J W	45863
Koumides C C	12576
Koutero N	14382
Koutz F R	32736
	33298
	42166
	42684
	93010
Kovačevic J	80925
	90358
	95468
Kovačevic M	62819
	86916
Kovács J	83884
Kovacs L	61210
	85972
Koval' A S	39353
Koval' E P	77441
Koval' T A	39282
	66126
Koval' V	62869
Koval'chuk P	25925
	53871
Koval'chuk P I	32589
Kovalenko A	39283
Kovalenko A N	48469
Kovalenko E I	89968
	89969
Kovalenko IA R	4102
Kovalenko I R	32351
Kovalenko M	26186
Kovalenko N A	51927
Kovalenko V I	35548
Kovalenok A K	36925
Kovalev A A	23319
	61428
	94246
Kovalev A M	24558
	60699
Kovalev E	71213
Kovaleva L V	35524
Kovaleva N V	90008
Kovaleva T S	67642
Kovalevskaſa L	57019
Kovalevskiĭ	31713
Kovalevskii A K	91607
Kovalevskiĭ N A	37503
Kovalin D T	31207
	31372
Koval'skiĭ V V	33561
Kovbasenko M F	42167
Kovda V A	21943
	47118
Koverga A S	29929
Köves J	83843
Kovin'ko G	34036
Kovrigin S A	91199
Kovrizhnykh M	55842
Kowal R J	77233
Kowalczyk T	16094
Kowaljow F	37833
Kowalk F E	30276
Koyama K	65983
Koyama R	49274
	52795
Koza R W	17121
Kozachyn J	66643
Kozeff A	51592
Kozel F	46396
Kozelnicky G	29585
Kozelnicky G M	73429
Kozenko T M	75730
Kozhanchikov I V	61211
Kozhanov D I	58924
Kozharin K	26051
	26093
	45012
Kozeff A	92975
Kozel H	83440
Kozenko T M	84091
Kozhevnikov E V	59415
Kozhevnikova A N	82849
Kozhukhovskiĭ I	34928
	61480
Kozin A M	67632
Koziner A B	52005
Kozko D	27381
Kozko D I	55386
Kozlenko P a T N	61590
	86556
Kozlov F	5111
	39354
Kozlov F B	29730
Kozlov G	57097
Kozlov N	34032
Kozlov V	44195
	93187
Kozlov V E	38919
Kozlov V P	21595
Kozlova A V	40511
Kozlova E N	60572
Kozlova I F	2214
Kozlova V	44808
Kozlova V I	20092
	56608
Kozlovskiĭ N	94399
Kozlovskiĭ V	33783
Kozłowski L	84738
Kozlowski T T	96213
Kozma P	57588
Kozmenko A S	31208
Koz'mina N P	45540
Kozo-Polſanskiĭ B M	12151
Kozubenko V E	1204
Kozyr' A T	1205
	39505
Kozyrev V	84732
Kraack	85210
Kraai A	30440
Kraay G M	9603
	71078
Kraayenga D A	81605
	83000
Krabbe N	52970
Krabichler A	2578
Kracker P	69926
Krackowizer F	13292
Krackowizer F J	30277
Kraeft N F	79206
Kraegen F F	52717
Kraemer G D	25889
Kraemer J H	19826
	32034
Kraemer L	7988
Kraemer O	58077
	59025
	66127
Kraemer R	28135
Kraev E IA	91942
Kraev I A	77019
Kraemer J H	83559
Kraevoĭ S IA	90009
	91772
Krafft B	82144
Krafft O	35519
Kraft A	22425
	31491
	31838
Kraft A A	36610
Kraft F	41544
Kraft J H	62024
Kragh G	74856
Krahl-Urban	3231
	3276
	3307
	31714
Krahl-Urban J	50214
	75183
	75247
	91824
	91825
Krahn E	92434
	92454
Krahnert R	67919
Krainov I D	76976
Kraĭnſuk K	37206
Kraĭnſuk P	88284
Kraĭnov K	37221
Kraĭnov K V	32454

	Item
Krainz H	80993
	80994
Krafûkhin N N	59970
Krajian A A	72290
Krajicek J E	50181
Krajski W	41185
Kräker H	79094
Kral F	4103
	4920
Kralin P	20561
	86638
Kralitch B	74989
Kralj J	59956
	60357
	60358
Kramář J	43591
Kramarenko L P	25577
Kramarov V	53187
Kramer	62067
	95519
Kramer A	34889
	40208
	44505
	44506
	47950
	54229
	54230
	54231
	90947
	95068
Kramer C	1662
	8872
	20850
	28963
	64777
	72929
Kramer D	28079
Kramer F	49826
Krämer G	57376
	79207
Kramer H	79591
Kramer H A	9042
	28352
Kramer H H	20744
	47769
	81834
Kramer J A Jr	21377
Kramer K U	13293
Kramer M	36274
	89118
	94940
Kramer M C	43602
Kramer N W	39355
Kramer P B	75455
Kramer P J	12366
	39239
	40581
	73303
	75297
	89777
Kramer R C	70863
Kramer W	67829
	91643
Kramer-Drauberg O	31925
Kramerenko K S	35520
Kramis N J	85575
Kramke E H	23842
	33212
Krampe	16707
Kraneveld F C	4630
	4631
	4632
	5337
	43074
	92748
	92842

	Item
Kranick F	44050
	44051
	44052
	44053
Kranick F N G	7312
Krantz B A	2940
	12367
Krantz F A	56494
Kranz W	46993
	79592
	87615
	87616
Krapf	22248
	31669
Krapf B	58382
Krapf K	34929
Krapivner L M	45693
Krapovickas A	81430
	89841
Krapovickas A M F de	89841
Krasanov S	28183
Krasavin V	25444
Krasheninnikov N A	39423
Krasil'nikov N A	11972
	19885
	21557
	28422
	81606
Krasin A A	29299
Krasin D	23631
Kraska E J	7543
	25643
	25644
	53452
	61851
	69591
Kras'ko T E	13480
Krasnŝanskiĭ I S	67879
Krasnichenko A V	7120
Krasnikov M M	13481
Krasniuk A	90245
Krasnŝuk G M	45997
	45998
Krasnŝuk P I	20985
Krasnokutskiĭ V P	20675
	90359
Krasnopeev M Z	24569
	34033
Krasnopol'skaĭa L F	5957
Krasnoshchekov E	26884
Krasnov A	37207
	37756
	46451
	71614
Krasnov M A	75324
Krasnova N S	30312
Krasnovskii A A	39282
	48191
	56976
Krasovskaĭa I V	21558
	41236
Krasnovskiĭ A A	90161
Krastin N I	24825
Krastina E E	48169
	64754
Krasulina V T	78416
Kratirov D A	92045
Kratky O	18101
	36004
	62389
	92148
Kratochvil D E	30805
	30806
	56804
Kratochvil J	34469

	Item
Kratynskiĭ V	91422
Kratz B	53478
Kratzer F H	23843
	23992
	33250
	45862
	60084
	60085
	84819
Kratzl K	15006
	50642
	75650
	92149
Kraume	15178
	22949
	67367
Kraus	67643
	81252
Kraus G	27980
	46670
	64134
	88778
Kraus H	39091
	67065
Kraus J	55235
	55766
Kraus L	91421
Kraus O	11383
Krause A W	60464
Krause D	75886
Krause E	63855
Krause F	48620
	91372
Krause G	46397
	52107
	52648
	52796
	68823
	93326
Krause H	39255
Krause J	38220
Krause O	58948
Krause O E	9207
Krause W	20676
	39506
	48470
	48471
	57256
	57257
	65129
	65130
	65133
	73564
	73565
	82007
	82008
	90360
Krause-Rössing G	51315
Kräusel R	20165
Krauss	77442
Krauss G	7774
	26696
	70729
Krauss H H	91826
Krauss R	96094
Krauss S	84676
Krauss W	78719
Krauss W E	4616
	55931
Krausz N G P	25162
	46160
	46161
	55054
	63288
Krauter P	88223
Kraütle K	88779
Krautzer H	74281
Kravchenko E P	90635
Kravchenko I E	48225
	75773
Kravchenko S M	38452

	Item
Kravchenko V A	20986
Kravchenko V V	53424
Kravchuk A	37208
Kravetŝ P T	33752
Kravis I B	78802
Kravtsov F E	44309
Krawack B	18061
Kraybill H F	32737
Kraybill H R	9208
	9249
	54594
	95239
Krblich J	19112
Krebaum W	73060
Krebs A	95994
Krebs E	67973
Krebs G	18102
Krebs H	87998
	95441
Krebs K	6988
	7223
Krebs W	33144
Krechetov I V	22554
	41394
Krechetov M	57098
Krechetov M V	57021
Krechun N B	91151
	91535
Krediet G	50672
Krediet P	70233
	70234
Kreditforeningen af Ejere af Mindre Ejendomme paa Landet i Østifterne	37110
Krefting L W	17507
Kreger D R	12142
	39254
Kreh W	38862
Krehan	54624
Krehan H	10494
Krehl W A	890
	89016
	96155
Kreibohm de la Vega G A	2783
Kreide U	69164
Kreidik B	81911
Kreiger J	46398
Kreiken J	88385
Kreipe H	18418
	70730
Kreisel H	89406
Kreiser R F	79404
Kreitlow K W	56518
Krejcárek L	43454
Kremen S S	43650
	79691
Kremnitz	88251
Krempel E	93614
Krenn J	8248
	35824
	44940
	45013
	70235
	79095
Krenzin R	49969
Krenzin R E	73553
Krepela W	25428
	61526
Kreppelt G	15947
	33491
Kress	755
Kress F	42366
Kress H	20334
	22822
	65131
	65132
	71101

	Item
Kresser L	9450
Krestinskaĭa V N	8504
Kretlow W H	35387
Kretovich V L	26719
	39240
	56977
Kretschmer G	38585
	47402
	72573
Krett O J	79019
Kretzdorn H	35521
Kretzer H	51394
Kreulen A W	37209
Kreutz H	40209
Kreutzinger M	66812
Kreuz A	2942
	10895
	17540
	49898
	58598
	58599
Krevchenko E D	57258
Krevchenko L E	57258
Krewatch A V	35174
	86399
Krewson C F	9451
	36718
Kreymann	8014
Krezdorn A H	36229
Kribben F J	12371
	90017
Krichmar M S	35522
Krick I P	38279
Krickl M	21275
	29300
	30441
	36275
Krider J L	16074
	16075
	22823
	43096
Kriebel	69342
Kriebel M	6989
	34872
	53055
	53188
	69213
Krieber F	53656
	55071
	55114
	55344
	55676
	71283
	80072
	88252
	88780
	95650
Kriechbaum	38357
Kriechbaum W	13294
Kriedemann H	62025
Krieg H	6598
	52108
Krieger G	35473
Krieger J H	55982
Kriellaars F W J	80283
Kriener E	67644
Krienke W A	8021
	8122
	8123
	8249
	8250
	17936
	26094
	53964
	79159
	86995
Kriesberg M	94544
Kriesel H C	25930
	78968

	Item
Kriger P E	91251
Kriger R E	49381
Krijgsman B J	6056
	6856
	85320
Krijgsman-Berger N E	6856
Krill W R	4104
	67368
Krimbas B D	18233
	86762
Krings E	26867
	36511
	42404
Krinitsky B	19113
Krinland W	14083
Krisch W	57250
Krishna S	83539
Krishna Iyer P R	15440
Krishnamoorthi R	13718
Krishnamurthy H V	92337
Krishnamurti B	16214
	24752
Krishnamurti K	2579
	13802
Krishnamurti T S	39592
	18636
	18637
Krishnamurty K	66424
Krishnamurty T	20781
	63162
	83177
Krishnamurty T S	29831
	48582
	79808
Krishnaswami C S	64462
Krishnaswamy V	89831
Krishnaswamy V S	83354
Krishtofovich A	89203
Kriso K	75248
Krispien H	59676
Krispin S	74177
Kristensen H	5860
Kristensen H R	11827
	13103
	29008
	48706
	54854
	64562
	81337
	89717
Kristensen J	27878
Kristensen K J	95651
Kristensen R K	66679
Kristensson R	10394
	63578
Krister C J	16288
	94568
Kristjanson A M	12368
Kristjanson B H	55531
Kristjanson R L	35731
Kristjansson F K	16047
	77054
Kristjánsson G	17500
	55677
	75774
Kristjánsson K	37339
Kristjánsson S	78638
Kristl P E	5682
Kristmundsson J	9326
Kritchevsky D	23844
Kritskaia L M	39152
Kritskii A V	36926
	36927
Kritzinger C C	87798
Kritzinger J H	11303
	38280
Kruchkov A	37210
	44196
Krüger V A	89210
Krukov N	31863
Krukova L N	57720
Krukova N N	20454
Krivda I K	57550
Krivitskii A I	50740
Krivokobyl'skii I	27639
Krivolapov V	40342
Krivomaz A	42990
Krivosheev I D	58878
Krivoshlyk B IA	29731
Krivtsun I	44197
Krivykh F P	21559
Kriznic R	61438
Krno J M	86528
Krob J F	84520
Krochmal A	808
	13704
Krödel F	90518
Kroeber A L	68559
Kroeger A R	18638
Kroemer F	62213
	70236
Kroes Y	16121
Kroese W T	45199
	54119
	79285
Krofsky J	80662
Kroft W G van der	37834
	72885
	72900
Krog H	47340
Krog P	41138
Kröger H	29301
Krogh A	6857
	94164
Krogh A von	50060
	55473
Kroh R	91827
Krohn H B	78744
Krohn P L	15954
Krohnert J	34034
Kroll R	91828
Krölling O	32202
Krombein K V	94027
	94028
Kromdijk G	2003
	13295
	13296
	21121
	30278
	30279
	30280
	40038
	49012
	65656
	65657
	82390
	82391
	82392
	82393
	90824
	90825
Krome W J	65391
Krome Mrs W J	65391
Kromer A	93615
Kromer G W	62927
Kronauer F	18103
Kronberger M	40512
Krone B P	30442
Krone P	40039
Krone P R	21344
	82856
	95581
Krone R	9452
	62928
Krone R B	40411
Krone W F	93076
Kronebach A Jr	81607
Kronenberg H G	13047
	16842
	30095
	65463
	73871
Kröner K	92150
Kronkovskii G K	62614
Kronraff K	8251
	45014
	45015
	53965
	62222
Krook M	30281
Kroon D B	78138
Kroonen J G	36719
Kropf R	32352
Kropfitsch M	29302
	29303
	73186
Krosby P	20562
Krösche O	72291
Krosigk F von	54201
Kross J I	36202
	62527
	87463
Kroth E M	30776
Krotkevich P	30145
Krotkov G	48170
	64874
Krotov A S	39356
Krotova N G	3437
Kroun R	8065
Kroupa J	16708
Krows P M	92455
Krstić M	611
	11669
	11828
	20016
	22150
	22335
	22564
Krstitch M	91829
	91830
	91831
Kruedener	14560
Krueger C G	41198
Krueger H	67951
Krueger H R	3146
	50009
Krueger J	26493
Krueger J N	61616
	61617
Krueger M	22128
	75028
	83496
Krueger M E	31926
	41305
Krueger R	7580
Krueger W C	7313
	7357
	44293
	61642
	69392
	86400
	94414
	94429
Krug C A	20217
	56224
	56679
	56724
	58031
	82622
Krug H P	30566
	91041
Krug P	28423
Kruger	57956
Krüger A	32738
	83885
Krüger G	5059
	22950
	51485
Krüger H	27382
	63277
Kruger J C	34182
Krüger K	26378
Krüger L	80341
Krüger W	47119
	72574
	92619
Krüger-Thiemer E	8124
Krügerke	73187
	93775
Kruijer A C F	8026
	8252
	44914
Kruijk P A	65464
Kruijne N A	20661
Kruik P A	90519
Kruisheer C I	17838
	89058
Kruiswyk R	33346
Kruk H	17981
Krukoff B A	19827
	28553
Krukovsky V N	44915
	76191
Krulick S	23870
Krull W H	16013
	68248
	85113
	85114
Krum J K	53657
Krumholz L A	86117
Krumins R	78139
Krumin'sh K	96217
Krupenikov I A	21560
	21711
	58136
	58137
	78896
	91141
Krupin G	25931
	26187
Krupka J	43455
Krupnick A	51395
Krupski A	15441
Kruse E	30673
	66128
	94555
Kruse E F	44541
Kruse F V	95906
Kruse H	45694
	92119
Kruse P J	89110
Krušić K	88881
Krusser I F	48472
Krüssmann	28554
	65430
	65658
	90520
	90826
Krüssmann G	1931
	19762
	29893
	38453
	57638
Krustyn' A O	29340
Kruszyński J	23942
Krutenko I	9931
Krutikova L P	87228
Kruyt K J	59943
Kruyt W	891
Kruzhilin A S	892
	12511
	39241
Krylenko A A	95469
Krylov A	34890
	35761
Krylov A V	48473
Krylov G V	38221
	58774
Krylov V N	22165
Kryzhanovskii O L	85384
Krzanowski A	94165
Krzymowski R	56026
Krzysik F	41122
	66813
Ksenokratov S A	39507
	87144
Ksenzenko S A	92814
Kubát J	32089
Kübe G	51836
	51972
Kübel	10980
Kübel-Schlitz	46285
Kubelka V	51985
Kubiczek H	6197
	24570
	60847
Kubiena W	21596
Kubin G	84279
Kubitz H	3902
Kublan A	27087
	39284
	89618
Kübler H	41392
	58958
	75560
Kublitz M	51117
	67747
Kubo K	76192
Kubo S	81912
	25613
	26697
	80879
Kubo T	1000
	90162
Kuboshima T	42860
Kuboshima Y	42861
Kubota J	66236
Kubota M	50628
Kubota T	50539
Kubyshev S	92876
Kucera C L	38863
Küch W	22729
Kuchenev A	33082
Kucheruk V V	43397
Kuchin V P	22216
Kuchkov A	45016
Küchle F A	18419
Kuchumov P	55387
	55388
Kuck K D	64869
Kuckelhaus	64923
Kuckuck H	23166
Kucparić S M	82217
Kucyniak J	64262
	89407
Kudasheva R F	58812

	Item
Kudelía N N	27135
	88056
Kudina E	57259
Kudina E I	73566
Kudo N	5818
Kudo S	26739
Kudrevich I	57845
Kudrîashov L V	64034
Kudrîashova K E	90246
Kudrîavtsev A A	4105
	22951
	28306
	32353
	59330
	59804
	67369
	75976
Kudrîavtsev I V	33679
Kudrîavtsev K A	58813
Kudrîavtsev P	5861
Kudrîavtsev P N	52005
	77055
Kudrîavtseva N	39357
Kudrin S A	3118
	21712
Kudrina E S	74480
Kudzin S F	3794
	83670
Kueck E	10726
Kuehn R	55889
Kuehne R A	38877
Kuehner C L	39818
	57551
Kuenen D J	16149
	34519
	77733
Kuenzel J G	67122
Kuenzi E W	59026
	67221
	67222
	75549
Kugaevskiĭ V	35040
Kugelberg V	22102
	41139
Kugenev P	44809
	44916
Kugenev P V	23225
	35636
Kugler H	16709
	73188
Kugler I	73189
	88022
	90010
Kugler W F	65055
	91324
Kühl C	54486
	88491
Kuhl H	65134
Kühl R	41839
	43390
	60086
Kühl W	88363
Kühle	12780
	65135
	76328
Kühle F	22824
	75775
Kuhlman G W	49679
	55454
	55579
	63579
	71635
	80342
	95862
	95863
Kuhlmann C H	61678
	62464
Kuhlmann J G	89323
Kuhlmeijer H J	7581
Kühlwein H	64778

	Item
Kuhn A O	29732
	39508
	54734
Kühn C	26698
	54487
	87617
Kühn F	6990
	53189
	69109
Kuhn F A	83341
Kuhn Mrs G A	11384
Kuhn H	231
	10727
	51486
	55678
	67913
	77234
Kuhn J	35041
Kühn K	33299
Kuhn K H	67914
Kühn M	78311
Kuhn P	27731
Kuhn R	56860
Kuhn R M	42168
Kuhn W	1809
Kuhn W H	3768
Kuhn W R	4106
Kühne F P	79593
Kühne G	44627
	54897
Kühne H	92004
	92162
Kühne P F	79594
	87618
Kühnelt W	68664
Kuhnemann O	81067
Kühner	73824
	77443
	85504
Kühner M	10395
	62304
	88364
Kühner R	262
Kuhnholtz-Lordat G	7775
	19727
	19807
	19828
	19886
	65136
	82754
	90011
Kühnle	14561
Kuhns L J	16070
Kuhrt N H	79692
Kuhrt W J	45349
Kuibyshev A	6991
	63212
Kuijk G J H	10495
Kuiken A D	62788
Kuiken J R	76329
Kuiken K A	16467
	33934
	51225
Kuiler H C	63856
Kuitert L C	43881
	77235
Kuĭumdzhiev I	67328
	67645
	83811
	84240
Kuĭumdzhiev J	85115
Kuizenga P	29828
Kujawski J S	70035
Kükenthal G	38530
Kukharkin S A	36005
Kuklin A	37757
Kuklin A F	59912

	Item
Kuksin N V	57260
	73567
Kulagin G I	71191
Kulakov E V	82817
Kularatnam K	55183
Kulash W M	77734
	77772
Kul'chenko A	2004
Kul'chitskiĭ A V	90247
Kulebîaev V G	756
Kulebîakin A	62223
Kulescha	47981
	47982
	47983
	47984
	64779
Kuleshov A D	32639
Kuleshov N N	92211
Kuleshova V	45009
Kuliev A M	694
Kulik A A	48171
Kulik S A	28907
Kulik U	8973
Kulikov A A	4107
Kulikov D V	21713
Kulikov I	35075
Kulikov P I	36720
Kulikov V	37835
	94415
Kulikova I V	59188
Kulinich V G	24296
Kulkarni D H	14543
Kulkarni G Y	89861
Kulkarni H V	76330
Kulkarni K R	44460
Kulkarni N B	72575
	81112
Kulkarni Y S	531
	533
	534
	535
	11882
	38782
	56584
	81278
Kulkarny H L	5958
Kulke	34733
Kulke E	25163
	44262
	53259
Kul'kov N S	35944
Kull B	2363
Kull K E	4967
	15629
	84581
	92786
Kullberg B	20493
Kullenberg B	34520
Kullgren C	41630
Külling	67974
Kullman T J	79121
Kullman N E Jr	88781
Kulp D A	41179
Kulp J F	45302
Kulp W L	6528
Kul'pina M M	26281
Kult K	43456
Kul'tiasov I M	28424
Kul'tiasov M V	20335
Kulzer H	16583
	52454
Kulzhinskaîa N A	35523
	78897
Kumada H	56158
Kumagai M	10728
Kumagai R	9778
	31260
	50026

	Item
Kumar L S S	12152
	56696
	56697
	89842
Kumar S	67646
	76390
Kumar V	64780
Kumer	81253
Kumlien W F	91423
Kumenko E	42289
Kumenko E I	23452
Kumm H W	6599
Kümmel K	6600
	20128
Kummer	59103
Kummer F A	17351
Kummer H	3903
	9043
	20677
	62305
	62306
	70326
	79208
Kummer K	41602
Kummer M F	22676
Kummerow F A	79857
Kumsiev Sh A	32354
	59944
	89059
Kun R P	
Künanz H	31715
	91564
Kundert J	331
	34012
	38651
	56463
Kundrat W	70237
	70238
Kundu B C	81230
	87229
Kundzich M M	25578
Kung F	30680
Kunhenn P	80179
Kunicki-Goldfinger W	5834
Kunimi S	71266
Kunis J	54488
Kunitskiĭ E A	9633
Kunitsyn K	61581
Kunkel H O	22825
	67647
Kunkel L O	20093
Kunkel R	57846
	95070
Kunkel R S	41724
Kunkle L E	26850
Künnert M	34035
Kunst H	51623
	51624
	84880
Kuntzel A	18590
Küntzel A	9351
	50582
	62845
Kunz R	64784
Kunze	84866
Kunze G	23708
Kunze R	53551
	67093
Künzel	47985
Künzle J	58032
Kuo C	29658
Kuperman F M	12369
	20336
Kupferberg L L	15589
Kupka E	43547
Kuppelmayr	85287
Kuppelmayr E	24330
Küpper	83001
Küpper F	65137

	Item
Küpper F P	1104
	63319
Kupper H	4957
Kupperman R P	33204
	87844
Kuppers A	6198
Küppers G A	2215
	59203
	66361
	82107
Kuppers J R	26480
Kuppers-Sonnenberg G A	49169
	63396
	63941
	65860
	82510
Kupreîshvili S R	23666
Kuprevich V F	21561
	38358
Kuprienko A	94430
Kupriĭ	33034
Kupriîanova L A	38359
Kupriîanova V D	72704
Kuprishvili S R	59968
Kupsch W	87944
Kupsch W R K	5466
	5467
Kurabayashi M	12159
Kurasawa H	91702
Kurata S	140
	173
	47305
	79150
Kurazhskovskiĭ Iu N	20129
Kurbatov A D	5583
	24101
	85009
Kurbs	85208
Kurchatov V I	24394
	24395
	43391
	68615
Kurczab R	23632
Kurenîov A I	31980
	61212
Kurîach'ev A	25932
	35774
Kuribayashi K	64463
Kurihara H	80284
Kurihara I	56172
Kurilo A	25450
Kurilo I I	58814
Kurin N V	31878
Kurinnyĭ I	10295
Kurir A	38222
	52797
Kuriyama A	50643
Kurma K	6199
Kurmann J	35777
	53897
Kurnick N B	77861
Kurnosov K M	42169
Kuroda M	50215
	91703
Kuroiwa K	47986
Kurokami T	18325
	90012
Kurokawa H	47795
Kuroki K	50545
Kuropatkin A I	63320
Kurosaki Z	59204
Kurov I I	29787
	58516
Kuroyanagi S	50477

	Item
Kursanov A L	12370
	20454
	20455
	25816
	25817
	86763
	90013
	90014
Kursinski A E	75308
Kursteiner J	26188
Kurten P W	73568
Kurth E F	3751
	22682
	41626
	67219
Kurtz A	4633
Kurtz E B Jr	29116
Kurtz G W	7998
Kurtz M	40413
Kurtz R	33071
Kurtz S	13275
Kurtz T	29583
	31274
Kurtze	24297
Kurushin F M	61429
Kurvoso	33533
	51866
Kuryloski D S	18301
Kurz H	89778
	89779
	90015
Kurz V	54120
Kusaka M	12157
	50322
	89316
Kusakabe M	66129
Kuschel G	43457
	77735
	77736
Kushman L J	13482
	18263
	18264
Kushnareva L	25354
Kushner Kh F	15733
	23751
	33145
	59184
Kushnir T	43882
Kushnirenko M D	893
Kushpil' V	34036
Kuskie S J	1700
	13011
Kusmarfseva N M	38882
Kusnetzow W J	91832
Kusnezov N	6721
	34521
	78029
Kuss	44331
Kuss H	7121
	27981
	50741
Kussmann E	41292
	67111
Küst D	4634
	15442
Küster	74481
Küster E	23107
	81560
Kuster J	22103
Kusumoto M	6011
Kutana G	55389
Kutchka L M	80887
Kutikov S	45107
Kutish F A	4335
	10562
	33625
	67748
	67749
Kutleša I	92620
Kutorga I	9932
	63624
Kutovoi I	53190
Kutsky R	20094
Kutsuno M	3832
Kutter H	25020
	78030
Kuttler A K	50859
	75887
	83886
	83887
Kuttler K L	32362
Kutuzov P K	32126
Kuvaeva E B	27164
Kuvaldin B I	31900
Kuvás K	31116
	31117
Kuvika Z S	29733
Kuvoso	33300
	33582
Kuvshinov I	49899
Kuwada H	12205
Kuwahata T	50362
Kuyeren N van	36006
Kuykendall G H	81889
Kuykendall R	4489
	57387
	90161
Kuyper B	12169
Kuzembaev N	63625
Kuzichev M V	61533
Kuzin A M	12370
	12531
	90016
	90163
	90164
Kuzin B S	61126
Kuzina O S	60940
Kuzina V P	58288
Kuz'menko A	36656
	94850
Kuz'michev A V	59804
	67370
	75976
Kuz'michev M	57847
Kuz'michev N	36512
	79663
Kuz'min A IA	1817
	1818
	20218
	30096
	73872
Kuz'min I	54990
Kuz'min I G	32847
Kuz'min V	44067
Kuz'min V M	53056
Kuz'min V P	12852
	39358
Kuz'minov P I	67371
Kuz'minskiĭ A S	9604
	54827
	54828
	54829
Kuznefsov A	10296
	20563
	27982
	32848
Kuznefsov A P	64993
Kuznefsov A V	34918
Kuznefsov B I	59251
Kuznefsov D I	33301
Kuznefsov D V	58924
Kuznefsov G	31716
Kuznefsov G S	75325
Kuznefsov I	59423
Kuznefsov K A	58775
Kuznefsov M D	90636
Kuznefsov M P	33534
Kuznefsov N A	70793
Kuznefsov P A	48854
Kuznefsov P E	74178
	90948
Kuznefsov S G	88782
Kuznefsov S N	695
Kuznefsov V I	6992
	91833
Kuznefsov V M	28425
	75776
Kuznefsova E N	48474
Kuznefsova K A	25815
Kuznefsova N A	49827
Kuznefsova V M	33030
	51487
	88008
Kuznik I A	40412
Kvaale E	57596
Kvakan P	92212
Kvale J	3232
Kvam	74990
Kvapil' A I	33315
Kvarafskhelia N T	49680
	82003
	82672
Kvarnbäck S	12638
Kvasnikov B V	21562
	54232
Kvasnikov E I	25816
	35524
	80724
Kvasnifskiĭ A V	33492
Kvello B	65984
Kwakernaak W H	44082
Kwo C Y	1528
Kwo C Y	82110
Kwong K H	1525
	12863
Kyd C	92544
Kyd C R	4769
	42067
Kyd S	5661
	63983
Kydd D H	44235
Kyĭv fA	24039
Kyle F	21122
	49013
Kyle L R	54570
Kyles P M	5654
Kylin O	33754
Kyne M	30861
Kyprianides E	39593
Kyriakou C	28080
Laais R	69526
Laake E W	18289
	93870
Laakso P V	56978
	56979
Laaksonen Y W	74991
	74992
	31864
Laan E van der	73719
	57414
	80831
Laan F H van der	7544
Laan K v d	4635
	4636
Laan P A van der	52798
	52891
	64587
	93351
Laan T v d	4635
Laar A van	31608
	50216
Laarman N A	79405
Labadie-Eurite J	7899
Labanlieue S	5468
Labarthe G A	55236
Labasse J	18861
La Bastide E	43321
Labatut	67648
Labbe B G	63053
	71072
Labbee M	54316
	62594
	78788
L'Abeillaud	6200
Label M	42600
	51579
LaBelle R L	18326
LaBerge W E	61127
Labkovskii M S	49170
Lablanchy A	8156
	44129
Laboratoire Central de l'Elevage de Dakar	92302
Laborde A	57022
	57099
	57957
	58289
	62224
Laborde E J	15109
La Borde F de	83769
Laborde M	37111
Laborde-Bois P	15734
	60031
	60225
	68127
	87945
	93077
LaBossier I	28336
	28337
	64061
Labouchere P C	16120
	16121
	87778
Labour Party (Gt Brit)	63349
Labouriau L G	47770
	72980
Labrecque P	35637
	79708
Labriego J	27507
	92303
Labrum E L	12272
Labruyère J	74410
Labruyere R E	56525
Labry	12640
Labudovich M E	42969
Labunskii I M	39092
Labuschagne F J	42899
Lacan	27014
Lacaz J da S	59677
Lacerda P M G de Jr	15676
Lacey C	76211
Lacey D B	13362
	39148
Lacey H J	81730
Lacey J	84008
Lacey J J	5710
	9209
	9273
	16067
	16122
	18509
	24206
	33563
	33623
	42991
	43010
	43075
	45623
	45713
	46486
Lacey J J	51867
	51892
	60383
	60425
	62390
	62855
	84449
Lacey J L	24207
Lacey M G	21881
Lacey P M C	14873
Lacey Sir R	62349
Lacey W S	205
Lach G	34037
Lachance R O	11829
Lacharme J	39093
Lachaud J	29304
	74597
	82857
Lachman W H	21378
	40292
Lachmann A	89408
Lachover D	91032
Lack D	14687
Lack E	14687
Lack J	48184
Lackenbucher R	17463
Lackey C F	568
Lackner C E	35681
Lacko E	21417
La Clair J B	72164
Laclaviere B	56150
Lacombe R	7224
	25220
	25221
	27338
	43989
	52971
	61364
	69343
	78524
	86106
	94247
La Cossitt H	62825
LaCoste D	53479
LaCoste R	21276
	25536
	45433
	59331
Lacour	76331
Lacourcière H	6201
	7900
	7901
	35638
	44870
	46671
Lacoursiere H	16399
	38229
	71776
Lacoux P	62615
Lacrampe-Quinta	10396
Lacreuze C	68964
Lacroix H	70413
Lacroix L	38699
Lacroix P	51762
Lacrona H F	26629
Lacrosse R	53984
Lacy F H Jr	23123
Lacy R C	28719
	38531
	81297
Lacy S A	16754
Ladaria Caldenteny L	4637
Ladeira J S	90200
	94248
Ladeiro J M	77737
Ladejinsky W I	10496
	27822
Lademann F	31941
	75480

Ladewig J E 3060
Ladrat 92213
Ladrat J 32449, 60426, 62307
Ladson T A Jr 32704
LaDue H J 32960
Laere R van 81348
La Esfera el Diario Nacional del Pueblo y Para el Pueblo Venezolano 25503
Laestadius R 17236, 39509
Laever E de 61213, 85973, 85974
La Face L 60941
Lafenêtre 92304
Lafenetre H 85116
Lafer H 7776
Laffan R T 71557
Lafferty D G 36579
Lafferty H A 28426
Laffoon J L 61013
Lafforgue 29540
Lafkin W E 65659
Lafleur E 71226
La Fleur F M 6535
Lafley C A 27983
Laflin T 29930
Lafollette J R 5993, 34185, 43670
Lafon 56526
Lafon 64464
Lafon J 28904
Lafon M 25849, 33810, 35555, 39253, 43883
LaFond L A 22656
Lafont R 8388, 71192
Laforest H 88154
Laforteza A 78646
Lafourcade S 29483, 53672
Lafrance J 60965
Lafuente B O 21944
Lafuente Bentzen O 31210, 66629
Låg J 21714, 40545, 74598
Lagarde J 39094
Lagarrigue J 24347
Lagasse F S 20337
Lagaude V 93871
Lagaunikaite E F 32849
Lageneste P de 28075, 37139, 46137
Lager J B 21123
Lagera-Antiola S 38087
Lagerlöf N 4108, 4336, 4337, 4638, 4777, 15289, 59678, 76332, 83705, 92621
Lagermalm G 8505, 20379
Lagerquist R 1391
Lagerroth S 2943
Lagerspetz K 24753
Laggner H 27241, 35335, 86159
Lagiere R 89619
Lagirev S I 24169
Lagneau C 35299
Lagneau F 15180, 32253, 50860
Lägnert F 55580
Lagon F 46820, 55237, 63725, 71965, 80180
Lagoni H 79026
Lagos J A 49972
Lagos Uglade J A 12702, 20623, 30681, 30682, 40465, 65861, 65862, 71438, 81804, 82187
Lagovskiĭ A A 44364
Lagrange J 92856
LaGrange W E 67372
La Greca M 25094, 85851, 86036
Lagrone W F 65217
Laguna J 28229
Lagunilla Inarritu A 63397
Lagunova E P 49536
Laguta A F 23439
Lahaye J 76648
LaHaye J A 95391
Lahiri B M 42685
Lahnemann R 94249
Lahodny L 88952
Lahoz V 5247, 5338, 15831, 23943, 51627, 68065, 84820, 84821, 93078
Lai C Y 66232
Lai S 52414
Lai T M 40466
Laibach E 68965
Laibach F 894, 12371, 64781, 89620, 90017, 90018, 92815, 88224
Laidlaw C S 96132
Laidlaw E H 52256
Laidlaw H H 79209
Laidlaw R A 33811
Laidlaw W B R 33875
Laĭkov N 21811
Laĭkov N Z 2869, 24571, 58136, 61457
Lainé B 4043
Laine S 51382
Laine T 34891
Laing A D M G 22952
Laing H R 82673
Laing J A 15443, 23320
Laing W I 57261, 63511, 67573, 92214, 92372
Lainz M 72930
Laipple 88576
Laird A J 43947
Laird M 43123, 61014
Laird Sir P 10297
Lais A 16400
Lais R 58175
Laisne M 2784, 9044, 14313, 95118
Lajoie H 23124
Lajon J 66174
Lajouse 37398
Lake C L 41627
Lakela O 40040, 64245, 72344
Lakhanpal R N 89211
Lakon G 2216, 36878, 36879, 45946, 73190, 73430, 82511, 90019
Lakoza I I 22769, 67880
Lakritz D E 17764
Lakshman K G 73021
Lakshmanan S 67646
Lakshmikantham M 66362
Laktionova A I 32739
Lal A 36700
Lal B M 72138
Lal C 27984
Lal G 8862, 8898, 87323, 95133
Lal G B 54240
Lal K B 6797, 6798, 6858
Lal K N 895, 896
Lal R 10729
Lal S B 38819, 56544
Lal S C 2231, 8639, 8640
Lalande G 24262
Lalanne 21812
Lalanne A 32754, 59486, 59692, 76078
Lalanne M 7225
Lalanne R 70074, 79076
Lalatović P 93136
Lalatta F 48855
Lalević D 85177
Laliberté J L 53967
Laliberté M 53966
Lalitha K R 26189
Lall A B 95885
Lall H K 4109, 41991, 51223
Lallemand V 16843, 68824, 68825
Lallement E A 81608
Lallour M 18104, 26380, 46162
Lalloy 15089, 54489, 66534, 86508
Lalloy M 7273, 57100
Lalog N P 41102
La Loggia E 27823
Lalongulère 80343
Lalor R J 23546, 51435, 92780
Laloux R 13833
Lamanna C 80896
Lamanov N 46399
La Mar C A 57520
Lamarche H 35639
Lamarche V H 39095
Lamardelle P 12372, 29305
Lamare F de 49681, 82858
Lamarre G 89780
Lamas E 87722
LaMaster J P 42112, 76079, 80344
Lamata D P 19424
Lamatsch F O 33048
Lamb A F A 22151, 58621
Lamb B 740, 47747
Lamb C A 81864
Lamb C C 54047, 87145
Lamb D A 75542
Lamb F B 15007
Lamb G 3308, 22730, 32163, 50626
Lamb G N 57207, 92151
Lamb I M 11596
Lamb J 13705, 28905, 30976, 47486, 66363, 81159
Lamb J Jr 65887
Lamb J C 60038, 60093, 80653
Lamb K P 43525, 77236, 77630
Lamb M W 10590, 11071, 88783
Lamb R C 753, 57549
Lambermont F 6057
Lambers D H R 16844, 77963
Lambert A 36387
Lambert C J 71769
Lambert D 30567, 44096
Lambert E 54371
Lambert E B 81160
Lambert J 3486, 7992, 43322, 86204
Lambert J C Jr 27018
Lambert J G 11179
Lambert J W 48219, 81483
Lambert M 10730
Lambert R 43157, 43813, 44829, 68890
Lambert R E 62528
Lambert W V 14084, 71439
Lamberton J K 46672
Lamberts H 1385, 12781, 13803, 29734, 48475, 65138, 81470, 82394
Lamberts J H 96133
Lambeth R C 63726
Lambeth V N 40210
Lambion R 25819
Lamborn & Co 36928, 36929
Lambou M G 39096, 45778
Lambour J S 45778
Lambrecht 23125
Lambrecht F L 24897
Lambrechts M C 42206
Lamdan S 52109
Lamego A 9672, 18778, 29855, 37504, 63110, 65258
Lami J 32924
Lami M 3277
Lami R 28653
L'Ami R O 75068
Lamison S A 28184, 80688
Lamm J 50861
Lamm R 757, 2364, 57848, 57849, 74599, 90949
Lammers O A 24137
Lammers R P 38028
Lammers W G A 55532
Lammert A 82218
Lammerts W E 48793, 57569, 65660, 90827
Lammerts W L 2005
Lammler V 23752
Lamond H G 50948, 68270, 77020, 83881, 85211
Lamont N 90248
LaMont T E 70509
Lamotte P de 65863
Lamouche H 79949

Lamounier R D 15832
Lamour P 8631
Lamp H F 81609
Lamp I 22104 31351 58934 66894 75394 75420 91565 91704
Lampard W H 2006 21124
Lampe B 7732 9045 36388 36389 70731
Lampen J O 40530
Lamphere L 26518 70833
Lamphier M 45947
Lampitt L H 87752
Lampkin G H 41941
Lampkin G F 64359
Lampman C E 33223 33224 69393 94431
Lampovshchikov P K 49464
Lamprecht H 22189 40211 51316 72400 73061 89897 89898
Lampson P 31380
Lamson M D 40041 65661
Lamy D L 14189
Lana E P 20564 29306 30568 49171 49285 54233
Lancaster B 40042
Lancaster D A 7859
Lancaster J E 10981
Lancaster J L Jr 17161 52375
Lancaster L 37340
Lancaster R J 15386
Lancaster R M 85290
Lancelet J 88285
Lanchester H P 16584
Lancker A van 10111
Land W B 66492
Land Agents' Society 37341
Land and Agricultural Bank of South Africa 80036
Land and Agricultural Bank of Southern Rhodesia 37112
Land Grant College-Dept of Agriculture Joint Committee on Agricultural Productive Capacity 88435
Land Tenure Symposium 63626
Landa L 94166
Landauer W 76888
Landbeck F 60700 77444
Landbeck H 91705 91735 91784
Landbouw-Economisch Instituut 27242 36630 46471 46482 78755 86576 95597
Land- und Forstwirtschaftliche Landes-Buchfuhrungs-Gesellschaft 44628 55238
Lander P E 59576
Landers J H Jr 60384 60385
Landes-Hypothekenanstalt fur Niederösterreich 80037
Landesbauernkammer Schleswig-Holstein 71440
Landfald R 26589 79501 79502
Landgraf J L 37716
Landi A 42512
Landis B J 21245 93453 93991
Landis B Y 46821 55679
Landis J 70794
Landis J T 10731
Landis P H 46673 80425
Landmann W 3309
Landolt E 28877 73331
Landon C R 15235 92373
Landon D O 54599
Landon H 76600 92781
Landon H I 84573
Landon R H 20338
Landrau E 35525
Landrau P Jr 49833 58344 66213 74639 81676
Landreth J 43990
Landrock A H 78789
Landrum B 39359 46822
Landsberg H 80621
Landshuth S 42170
Landskrona Sweden Weibullsholms Växtförädlingsanstalt 12206 23167
Landstreet C B 36045
Landstrom K S 1386
Landt E F 22635
Landwehr J 11385
Landwirtschaftliche Forschung 96242
Landwirtschaftliche Rentenbank 71441 95624
Landwirtschaftskammer Weser Ems 89515
Lane B M 76577
Lane C B 53720 82395
Lane D 52175
Lane D W J 52176
Lane E A 69621 86595
Lane F 24754
Lane F W J 44156
Lane G H 4338 74179
Lane G P 54490
Lane H C 73158
Lane J 16710 24826 24845 24898 24899 77862
Lane L 56062
Lane M C 24755 93436
Lane P H 93776 14833 41453
Lane R D 3432
Lane R P 23944
Lane-Poole C E 52718
Laneyrie R 16150
Lanfranchi A 59332 59333 67373 75888 75889 75890 83888 92305
Lang 41840
Lang A L 29606 31239
Lang C 63111
Lang C D 79664
Lang E 34038
Lang F 8253 83889
Lang F H 41052 50096 50373
Lang H 19925 76889 92152
Lang J 26913
Lang K 8973 46994 63942 69622
Lang L 71129 88057
Lang O 69817 70239 70240
Lang R 27709
Lang R I 73499
Lang W R 8506
Langdale H 14957
Langdon A 2007
Langdon A G 57721
Langdon A J 46538
Langdon C 46674
Langdon R F N 38532 72486
Langdon T 28081
Langdon González T 63398
Lange 11670 19924 77305 85653
Lange B 89409
Lange D D 76702
Lange F 19686
Lange H L 4892
Lange J 30282 82008
Lange K J de 13104
Lange K P 47341 56343 59435
Lange M 33146
Lange P 8507
Lange P W 29108 59112
Lange T 73720
Lange W 59487 70015 94765
Lange W H Jr 17027 34225
Langeland M 11258
Langeler H 49014
Langeler J E T 51224
Langels H 8174
Langen E 45999
Langen V 44765 84199 92545
Langenau E E 70942
Langenbuch R 16585 33933 68424 93777
Langenheim 94507
Langer C A 57552
Langer H 67649
Langer R 6202
Langerfeldt J 46054
Langermann R 95779
Langevin T H 14085
Langfield A 7500
Langford C T 9030
Langford E V 84521
Langford H 46675
Langford J K R 40291
Langford L H 23845
Langford W B 8713
Langford-Smith T 74756
Langham R F 33587 51973
Langhard O 19489 25933
Langins E 32090 41545
Langkamp 51837
Langlet J 4339 4340 5819 15290 15975 68208
Langley B C 1503 15360 42068 48587
Langley E 38088
Langlie A B 19422
Langlois T H 17162
Langkamp 85262
Langmack J V 68045
Langmuir I 72228
Langner W 22336 38978 50269 58654 72705 75249 83412
Langridge D F 34039
Langronier C 90950
Langsæter A 50170
Langsford E L 46286 80182 86160
Langton H M 59108
Languasco F 4893
Languillon J 6662
Langvad B 89324
Langworthy K 54675
Langworthy L R 40043
Lanham B T 95617
Lanham U N 24999 43726
Lanier P 52649 9883 54571 54625
Lanier W 59945
Lanigan G W 38533
Laning E R Jr 21379
Lankenau A H 51628 51635
Lanktree D 52799
Lanktree P A D 17028
Lannehoa 17541
Lannehoa F 53076
Lannek N 5060 5061 23633 84522
Lannoy A 18118 26389
Lanoe A 79151
Lanpher B F Jr 13949
Lanquist K 13588
Lansade 11830
Lansdale D 5771 5772 16068 16095 25486 26851 33774 43011
Lansell C V 31948
Lantbruksakademien 89088
Lantelme P 70414
Lantelme W 50363
Lantrip D S 71966
Lantrip L W 29388
Lantukh G D 84610
Lantz D 14190
Lantz E 54377 63943
Lantz L 80260
Lanusse G A 20678 24331 43101
Lanza B 16711
Lanza F 21715 39360 39510 49900 72981 73191 73431 73569 74757 81610 82859 90249
Lanzillotti R F 53464
Laoh J P 81254

Lapaev P 63213
Lapage G 33876, 85385
Lapanov N 4110
Lapathioţis G 14314
Lapedagne H 82133
Lapham G 40044
Lapi A 67374
Lapidus S S 34344
Lapin M M 1105
Lapin P A 58935
Lapin P I 58936
Lapiner M N 22889
Lapins K 56409
Laplante A A 16894, 38599, 68425, 72585
La Plata Museo 6737
Laplaud M 15653, 40959
Lapointe A 15528, 35789, 53552
Lapointe J A 63112
LaPorte E V 84095, 84970, 86956
Laporte J 9159
LaPorte R T 71089
Lappi P 95923
Lapshin A 26169
Lapshin M N 33671
Lapshina A N 48190
Laptev I 27914
Laptev I D 19114
Lara O 27278
Lara R 7777
Lara Peña P 3061
Lara Peña P J 50862
Laralde W 4111
Lardy A 66364
Lardy H A 4341, 83700
Larembergue R de 64994
Large E C 64465, 64782, 65864, 72706
Large J R 56401
Largent R R 92698
Lari A 17419
Larin I V 48476, 48477, 94889
Larin N M 15593, 32925, 32932
Larin V 34825
Larionov A I 22129
Larionov G 53335
Larionova A A 1717
Larionow G 7226
La Rivers I 6663, 16151, 43665, 68826, 85654
Larke G R 39616
Larkin J E 45714
Larkin R A 54491, 57262
Larkin R C 18690
LaRock M J 16122, 86401
Larose A 25820
Larose E 63077
Larousse Firm Publishers 27508
Larrat 59334
Larrat R 78825, 86657, 86658
Larrazábal E J 51456
Larrick G P 44507
Larriera Velazco A 59488, 63399
Larrimer W H 14148
Larrison J E 8587
Larroque 12639
Larrosa Borean J R 5773
Larroux S 85263
Larroux S J 77122, 10732
Larsen A 15397, 41774, 48348
Larsen A B 4639, 84242
Larsen A P 46539
Larsen C E 4974, 69394
Larsen C S 58776
Larsen C V S 40810, 40811
Larsen E 10497
Larsen G 897, 11386
Larsen H 12373, 12853, 34040, 40688, 64924, 94353, 94354
Larsen H J 76193
Larsen H V S 80285
Larsen J 45739
Larsen K 47306
Larsen L H 23226, 75891, 76194, 84200
Larsen L J 9933
Larsen N C 35526
Larsen O D 2217
Larsen P 12532, 46163, 72487
Larsen P B 45030
Larsen P H 10771, 25487, 27985, 92622
Larsen S 20339, 47982, 58290, 92306
Larsen S K 51317
Larsen S T 86107
Larsen-Ledet J 48478
Larson A L 645, 756
Larson B L 17883, 76080, 79055
Larson B O 83086
Larson C 13950, 57377
Larson C A 57076
Larson C E 55028
Larson C J 41992
Larson C L 58439
Larson E 64910
Larson F D 2365
Larson J S 19026, 94604, 35898
Larson L 61663
Larson L C
Larson L S 8389, 15090, 15091
Larson M 76601
Larson N L 51974, 51975, 60454
Larson N M 46906
Larson O F 37068, 80482
Larson R A 53780
Larson R E 34973
Larson R H 20083, 47609, 56820, 72806
Larson R W 14432
Larson W E 81611
Larson W H 3418
Larsson A 54596
Larsson A F G 32450
Larsson E 37211
Larsson E L 4342, 4783, 32538
Larsson G 2247, 12973, 46588
Larsson L 84096
Larter E N 48108
Larter L N H 29565
La Rue C D 20340, 38920, 40045, 47172, 47988
Larue P 10397, 13951, 39889, 61945, 68501
LaRue W C 10298, 18694, 27303, 37758, 39424, 55767
Laruelle L 15833
Larus C T 65662, 82396
Larus J R 40046, 65662
Lárusson S 16011
Larzelere H E 27015, 27016, 45864
Lascols X 65081
Lascombe 5820
Lash J W 94194
Lashbrook R R 92546
Lashley F A 10733, 10734
Lashuk G I 29307, 64783
Lasley J F 76081, 77079, 77080
Lasnier-Lachaise L 28427
La Sorsa S 19027
La Souchère P de 82760
Lasplazas Clivé F 9934
Lassagne H 69063
Lassalle J C 56090
Lasschuit J A 56698, 57958, 81255, 94250
Lassen K 95804
Lassen L 2697
Lassen W 94479
Lasser E 1206, 49682
Lasser J K 37161
Lasser T 65175, 65985, 66630, 66631, 66806, 66814, 72242, 83429
Lasserre 23503, 32929, 66365
Lasserre R 3749, 87787
Lasseter D B 18888, 27681, 80183
Lassetter W C 2366, 74600, 82860, 90958
Lassiter A T 61767
Lassmann G W 16774
Last H R 60848, 85655
Lastarria Cavero B 66366
Lastinger B B 83441
Lastiri Ruiz J 27384
Lastreto R 5339, 23753, 51580, 51629, 68128
Latard P 28427
Latchenko V N 57101
Lategan J S 54121, 87230
Latham A 6203
Latham B 32035, 41383, 67123, 75543
Latham J D 32016
Lathrop E C 9046, 36007, 54492, 86558, 95178
Lathrop 77863
Lathrop W 13297
Lathrop W 74857
Lathrope 20565, 64995
Lathwell 39097
Latif A 6799, 24944
Latif K 36889
Latif M 45292, 45434
Latimer C 22555
Latimer H B 33104, 33105, 84523
Latimer L P 30039, 73836
Latimer R 25821
Latorre L 76890
La Touche C J 76539
Latour J de 16401, 24572
Latta M C 80408
Latta R 93436
Latteur J P 77845
Lattin G D 52376
Lattin G de 6800, 17029, 20219, 78140
Latting E T 9210, 74949
Lattner E J 17395, 69302
Latuasan H E 56983
Latynin G 25445
Latypov A Sh 82097
Latyshev M S 34837
Latzko E 73332
Laub 43526, 51118, 51318
Laub A 78392
Laube H 59027
Lauber H J 48794, 86161
Laubscher F X 29584, 48294
Laubscher P J 54898, 63099
Laudani H 68891
Laudanski F 73873
Laude H H 12673, 64996
Laude H M 47989
Laudencia P M 43991
Laudelout H 13804, 44726
Laue G 11671
Lauenstein A 21277, 40948
Lauer J P 46
Lauerbach H 46104, 80345
Lauermann G 43076
Lauesen E J 91919
Laufenberg H 69592
Laufer L 25822
Laufer S 17726
Lauffenberger 31641
Lauge 1207
Laughland D H 15444, 70943
Laughland J 74180
Laughlin K 83375
Laughlin L 40047
Laughnan J R 20456, 63984, 81484
Laughton D B 55843
Lauhte P 50217
Laumonnier R 71558
Laumont 12640
Laumont P 64997, 90362, 90363, 90364, 90365, 90366
Laun G F 15671
Launer H F 36153, 87369
Lauprecht E 32740, 75731
Laur E 37952, 89781

Laurans R 51360, 51868, 84097, 85178
Laure G 50323
Laurell L 75604
Laurén R 70166
Lauren W 25823
Laurence B R 52542, 52543, 60942, 85751
Laurence G 35336, 37140, 46138
Laurens C 69598
Laurent C 83859
Laurent C K 36799, 96134
Laurent J 93437
Laurent R 70510
Laurent S 72441
Laurent-Täckholm V 46
Laurentian Forest Protective Association 50374
Lauridsen C P 26190, 45017
Lauridsen L 4490, 71559
Laurie A 874, 40048, 40049, 47614
Laurie J E 66460
Laurila S 7902, 25593, 35207
Laurinsich A 72101
Lauriol F 20017
Laurita R 75892
Lauritzson I 76814
Lauro B di 69303
Laursen R 71636, 88286
Laurus J R 82396
Lauschmann 82219, 90554
Lausegger A 55768
Laute 9047, 9884, 36390, 36391, 36392, 54493, 70327, 70732, 87619, 87620
Lauter W M 63198
Lauterbach 53260
Lauterbach A H 94723
Lautie R 51260
Lauture J 88882
Laux A 88253
Laux E 2009
Lavabre 68827
Lavallard M L 9453, 15092, 41725, 56527
Laven H 34408, 43596
Laver C F 3384
Lavers D W 4640
Lavery B 60317
Lavezzini A 16586, 20851, 25824, 29931, 29932, 82220
Lavezzini V 20566, 20567, 32539, 38360, 48707, 57263, 76195
Lavice J 59335
Lavie P 52377
Lavigne N F 62529, 70570, 79406
Laville M 44699
Laviolette C de 90828
LaVoi D H 15236, 26795
Lavoie J H 38137
Lavoine L 94602
Lavoipierre M 60779
Lavollay J 26481, 29308, 82861
Lavrenko E M 89516
Lavrent'ev P A 23321
Lavrichenko M 27243
Lavrik P I 73747
Lavrikova S 73192
Lavrinenko D D 91607, 91754
Lavrova M N 20469
Law A G 41736, 82010
Law W P Jr 66535
Lawalrée A 11239, 11517, 19852
Lawes E V 35825, 62026, 87075
Lawfield W N 30443
Lawhon G J 4894
Lawhorn R K 61852
Lawler F K 7025
Lawless E J Jr 27017
Lawless J J 80649, 88991
Lawless W W 374
Lawley D N 81805
Lawlor N Jr 64585
Lawren J 95087
Lawrence A 84611
Lawrence A O 75456
Lawrence C E 53968
Lawrence E 2010
Lawrence F P 11672, 73784
Lawrence G H M 2011, 2012, 19829, 72345, 90521
Lawrence J 92749
Lawrence J E 28764, 40050, 66130
Lawrence J J 67820
Lawrence J S 4928
Lawrence M A 65663, 74018
Lawrence O C 62530
Lawrence R F 6370, 52378, 60780
Lawrence R F 60781, 77171, 77631
Lawrence S M 15686
Lawrence W J C 898, 20804, 73062, 89889
Lawrence County Farm Bur 27694
Lawrie J 8508
Laws E V 25934
Laws P G 7412
Lawson D F 33812
Lawson F A 34664
Lawson J R 84331
Lawson J W H 52544
Lawson L M 31118
Lawson T 24227
Lawson W D 62391
Lawton A 57264
Lawton E 19855
Lawton E J 22731, 60692
Lawton H 65664
Lawton H F 24696
Lawton K 74601
Lawton W L 66100
Lawwill J R 13298
Laxer G 87231
Laxminarayana H 8254, 70224
Lay G 23126
Laycock D H 13589
Laycock G 27640, 93204, 95119, 95671
Laycock J 30283
Layer 95995
Lazar K H 19229
Lazar M E 17667, 36258
Lazarenko A S 28633
Lazarev 47056
Lazarev A A 66231
Lazarević D I 93616, 93617, 93618
Lazarov S 88883
Lazarson H 13483
Lazaruk W 91373
Lazarus M 4112
Lazarus N E 45018
Lazear E J 92416
Lazear R W 23440
Lazenby K G 40051
Lazier W A 22826
Lazorko W 16587
Lazuga K 23322
Lazzarini W 83002
Lea A O 68731
Lea C H 36721, 61797, 78826, 86549, 94515, 94569, 94576
Lea H 62711
Lea R B 60898
Leabhart C R 15976
Leach D G 13299, 21125, 40052, 49015, 57722, 90829
Leach F A 82397
Leach J G 20018, 24382, 93438
Leach K R 8066
Leach L D 19925
Leach M B 18879, 71243
Leach M C 83329
Leach M E 83875
Leach T M 4784, 10299
Leader G H 42460, 59946
Leadley T 55239, 71442
Leahey A 83087
Leahy J M 26381, 26382
Leahy J R 4113, 59424
Leak W N 38138
Leake H M 38784, 38921
Leaming J D 49399, 4641, 15445, 42171, 85250
Lean O B 43884
Leandri J 47, 133
Leao R L 51976
Lear B 21986, 56624, 81358
Leard H H 83088
Learmonth E M 9454
Learn E W 87917
Lease E J 89060
Leask D M R 88577
Leasure E E 4114, 4720, 51273
Leasure J K 57959, 73570, 82563
Leather Industries Research Institute 87799
Leather World 54656, 54657
Leaver E W 3708, 41546, 67168
Leavitt E T 5711
Leavitt F H 66367
Leavitt K 21945
Le Bac P 93712
Lebanon Serv des Recherches Agricoles 24396, 24827, 24945, 34345
LeBarron R K 91785
Le Bars H 15179, 75938
LeBeau F J 28906
LeBeau J 67808
LeBeau K L 53829
Lebeau L 95618
LeBeau L J 67375
LeBeau O R 19425, 19426, 19427, 46823
Lebeau R 37759
Lebeaux M 92751
Lebedeff G A 29585
Lebedev B M 58440
Lebedev D S 53797
Lebedev D V 19652, 19763, 38361, 56151, 89213
Lebedev I A 4785
Lebedev I U P 40546, 82774
Lebedev L 25537
Lebedev M M 23754, 51893
Lebedev N I 29586
Lebedev N K 68312
Lebedev S I 12533
Lebedev V 91422
Lebedev V V 58777
Lebedeva N A 20220, 64898
Lebègue A 64631
Leben C 47403, 56528, 72852, 89519
Le Berre 85637
Le Berre J R 52455, 61270
Lebert H 69527
Lebezheninova V M 81744
Le Bigot A 55240
Le Bigot L P 86029
Lebis E 43458
LeBlanc E 96156
Leblanc R 19987
Lebling K 59853
Leblond C P 59992
LeBourveau W 37969
LeBoutillier P 40582
LeBoyer A 79019
Lebrun H 6933
Le Brun P 89325
Lebs H 28765
LeCalvez L 13484
Lecaros A 5821
Lecat P 47120
Lechaptois J 2785
Le Charles L 16152, 17030, 17031
Lechat P 85019
Lechevalier H 11947
Lechner 87146
Lechner K 16402
Lechner L 32254, 45948, 73571, 73572, 82011, 88023
Leckie H H 37700
Leckie H K 37678, 46400, 62789
Leclair W J 3546, 50405, 83469
Leclerc M 41985
Leclercq J 6460, 16109, 16910, 25000, 25001, 43727, 78031
Leclercq M 16712
Leclercq P 36930
Leclère A 14713, 14714
Leclère C 61214

	Item
LeClerg E L	38168
	72576
Le Clus P G	71268
Le Coarer R	6387
LeCompte G C	5712
	8509
Lecomte	51163
Lecomte J	43323
	52257
Lecomte M	29309
Lecomte R	50727
Le Comte W	12374
Leconte	72052
Le Conte J	12641
Le Corvaisier H	17765
	53658
Lecoufle M	30284
Lecourt B	73573
Lecoyer	1759
Lecoyer M	13048
	95864
Le Cozannet Y	12703
Lecrenier A	12974
	20852
	48795
	65336
Ledbetter N M	28338
Ledenev V K	59679
Ledent	65139
	67289
	67290
Ledent M	25355
Leder	44700
Lederberg J	12207
Lederer E	84278
Lederer G	6801
	6802
	17032
	17033
	34601
	43814
	61215
	68966
	78274
	86037
	86086
Lederer J	7227
	89017
Lederer M	24180
Lederle Laboratories Poultry Dept	23945
Ledesma A F de	3904
Ledesma E M de	3904
Ledesma N R	40053
Ledin R B	48856
Le Divelec J P	91566
Lednev K	34930
Ledochowski J S M	44583
Le Doeuff P	59489
Le Droumaguet	19028
Ledoux P	28555
Ledwig V	66786
Lee A E	29310
Lee A E	29311
Lee A R	5469
	68129
Lee A T M	46407
Lee B	16784
Lee C E	5248
	5249
	25268
	33205
	42601
	42602
	42787
	76891
	84822
Lee C L	72982
Lee D	10735
Lee D H K	50949
Lee D J	60573
	61015
Lee F A	8632
	8633
	45426
	95141
Lee F P	65665
Lee F V	40466
Lee G	57723
Lee G B	30831
Lee H	54494
	70884
Lee H C	46000
Lee H J	5645
	51809
Lee I M	80347
Lee J	61458
Lee J C	26383
Lee J E	41993
Lee J G Jr	45624
Lee J van der	45542
Lee J J van der	27509
Lee K Y	88038
Lee L S	21871
Lee M E	80794
	80795
Lee M R	36405
Lee O C	30569
	37836
	57960
	74282
	74283
	74284
Lee P	43595
Lee R	63898
Lee R E	93416
Lee S	90020
Lee S B	94608
Lee S J	37162
Lee S S	85698
Lee T T	12863
Lee W H	5340
Lee Y C	85238
Leech H B	5881
	60849
Leech J G	67208
Leech M J	43815
Leeds University	27746
	27752
Dept of Agriculture	37602
	71638
	71651
	71652
	71661
Economics Sect	10300
	10417
	10427
	88492
Leefe J S	91042
Leefmans S	64035
Leemann W	76333
Leenheer L de	2580
	2786
	2787
	13859
	66632
Leeper G W	49436
Leeper P W	49172
Leeper R	63565
Leer R van	36988
	65277
	82121
Lees A B	9935
	17237
	17238
	18946
Lees A B	25222
	25223
	37212
	53191
	78548
Lees A D	24697
	60782
	60783
Lees F H	52800
	61216
	68967
Lees K	79286
Leesen C	74366
Freiherr von Leeson H S	6371
	85577
Leeson W M	72292
Leeuw-Polak B de	34974
	35003
Leeuwen A van	3905
	14035
	90367
	92877
Leeuwen C G van	38362
Leeuwen J C van	49173
Leeuwen J van	21629
Leeward Islands Dept of Agriculture	89089
Lefeber D W	65666
Lefebre R	61766
Lefebvre	50171
	75069
Lefebvre C L	19926
Lefebvre J	51019
Lefebvre J G	36631
	43041
Lefebvre J M	73551
	90156
Lefebvre J P	36393
Lefebvre P	42788
Lefevre G Jr	24828
Lefevre J	19717
Leffel E C	4699
	76385
Leffingwell R J	48621
Leffler F	79690
Lefort	39098
Lefort M	47832
	79287
Lefort T L	36464
Leftwich W J	75893
Lega G	17673
Le Gac P	19346
	43392
	83859
Legait E	15833
Le Gal R	55241
Legal R	70122
Le Gallic P	63913
	68013
Le Gallo C	72346
	80767
	89214
	89266
Le Gallo P C	89456
Legantseva V I	51838
Le Gare M J	43816
Legaspi-Bautista P	90830
Legates J E	76021
Legault R R	8769
Legay J M	43867
LeGear D H	33421
Legeay M	1361
Legendre P	71335
Léger	49901
Legerstee C J	18265
Legett E	88784
	89136
Legg H J	88156
Legg J O	66179
Leggat E R	49902
Leggatt C W	27088
	36880
	36881
Legge A M	7146
Legge B J	449
	58139
Legge T	9634
	37505
	39511
	50061
	51319
	55390
	76456
	86293
Leggett H W	49286
Leggett J T	78827
Leggieri G	68665
Leggitt D	46784
Leghis L M	1867
	12975
	21716
	22062
	26459
	39819
	53134
	65337
	65431
	67233
Le Gloru P	20494
	48295
	48296
Le Goupils P	43206
Legrand C	54122
Legrand G	39250
	90174
Legrand M	84771
	92918
Le Gros A E	34183
Le Guedard J	84202
Le Guelinel	71443
Legun A F	62552
Lehane J J	21499
	30879
Lehela E	75530
Lehman A J	35300
	61798
Lehman D J	10112
Lehman E W	7376
Lehman S G	64466
	64467
	72707
	72708
Lehmann A	14764
	14765
	31303
	34041
	36465
Lehmann B T	9455
	54604
	70892
Lehmann C A	75184
Lehmann C F	4320
Lehmann E	2468
	9039
	11597
	20095
	20130
	26693
	27641
	38586
	65667
Lehmann E	66065
	68666
	72401
	91541
	95580
Lehmann E von	15654
Lehmann E W	67257
	69344
Lehmann K	46001
	88058
Lehmann L A	88059
Lehmann U	29735
	39512
	48479
	55391
	90368
Lehmann W	53781
Lehmann W J	36737
Lehmann-Carpzov B	23907
Lehner A	66203
Lehner M	50097
Lehnert L H	87027
Lehongre G	54378
Lehr H	29587
Lehr J J	82740
Lehrer W P Jr	28230
	45715
	60427
	77081
Leib	332
Leib E	47404
	48708
	52379
	52456
	52457
	52545
	72577
	89621
Leibel J L	2944
Leiber F	66066
Leiber L	14500
Leibfried E	71284
	71285
	80073
	80074
Leibl E	6994
Leibovici C	68429
Leibovit A B	20894
Leibster	70593
Leibundgut H	22105
	22337
	31564
	41199
	58815
	64784
	90021
Leiby R W	24397
	68426
	68427
	93409
Leicester Sheep Breeders' Association	76968
Leichsenring J M	28184
	80688
	96135
Leiderman L	60574
Leidl E	35004
	43992
	61430
Leidraad voor het Land- en Tuinbouw-onderwijs	2524
	3817
	9763
Leighton F	55680
Leighton R	4844

	Item
Leighton R E	32640
	33934
	41756
	51225
Leighton R L	51396
Leighty R G	58176
Leihsner E	6204
Leijnse B	78828
Leijonhufvud A C	75395
Leiler T E	6461
Leimbach R	79809
Leimert W F	36800
Lein	65140
Lein A	1106
Lein J	20221
	29168
Lein M	65141
Lein P S	20221
	29165
Leinbach W S	62616
Leindecker W	74993
Leinen N J	89018
Leinfellner W	47738
	47771
	47772
Leinfest J	17032
	61217
Leinonen L	45945
Leiper J W G	42956
	83890
Leipner J	38029
Leisle V F	47049
Leiss	26052
Leiss H	17911
Leissner C	71637
Leistner W	67915
Leitch I	83770
Leite E T	87861
Leitenberger L	21630
	21717
	47956
Leitner A	34826
Leitner Z A	11051
Leitte E H	68428
Leiva J V	64925
Leiz F	9704
Lejano A	62392
Lejeune A J	1208
	29588
	81865
Lejeune A R	45537
Lejeune G	64891
Lejon A	23736
Lekander B	64468
Lekander J	14501
Lekić M B	17034
Lektorskiĭ D N	41415
Lekveishvili I S	48746
Leland E W	64079
Leland S J	60633
Leleu R	92307
Leleup N	24897
	85321
Lelièvre D	20124
	72680
Lelievre M D	38701
Leitermann	94660
Leller R	95996
Lelilild H R	22264
Lelogeais P	18639
Leloir L F	18779
Lelong M	38089
Leloux P	1209
Lema N L	84826
Le Mair W	10229
	80184
Le Maistre W G	68560
Lemann C J	95520
Le Marchand S	68968
	85975
	85976
Lemay A	42603
Lemay J A	69395
Lemay J P	59680
Lemay J T	62145
LeMay N	3517
Lembach K	92308
Lembert P	70660
Lembke A	62225
	70241
	76286
	79020
	79152
	86997
	87076
Lembke F	66368
Lembke H	73574
Leme H de A	7228
Leme Junior J	7465
	11128
	38139
Lemée A	64135
Lemée G	64136
	89215
Le Men J	81765
Lemerle G	25825
Lemesh V F	33680
Lemesle R	12154
	20166
	47252
	47253
	56699
Lemetayer E	84677
Lemeunier J	49174
	51020
	53261
	55029
Lemierre A	62712
Lemieux H E	55844
Lemieux R U	1047
Lemineur	787
Lemme Junior J	38142
Lemmel H	22130
	91706
Lemmi P	7229
	44198
Lemmon A B	25670
	93439
Lemmon G B Jr	85452
Lemmon R S	1819
	2013
	2014
	2015
	13300
	14036
	21146
Lemoigne	50062
	89164
	90499
Lemoigne M	58140
Lemoine J B	10896
Lemon E R	66131
Lemon H	93137
Lemon H W	26953
Lemon J M	95582
Lemons E	54202
	58291
Lemos C	2542
Lemos R	10498
Lemp R	79210
Lempke B J	6803
	17035
	17036
	17037
	17038
	25050
	52801
	85977
	96214
	96215
Lemps F de	3344
	3419
Lems H G	77733
Lems K	43919
Lenander S E	1760
	39815
	39820
	49683
	56861
Lenarskii I I	9048
Lendholt W	90831
Lenert A A	23323
Leng E R	20222
	39405
Lengdén V	46676
	76082
Lengellé	63881
Lengellé M	28185
Lengemann F W	51226
Lengerer E	70733
	77237
	87621
Lengerken H V	85656
Lengerken H von	43459
	77738
Lengersdorf F	68753
Lenglebert J	48583
Lenglen	56526
Lengsfeld	69110
Lengsfeld I	78549
Lengsfeld J	25446
	53192
	53193
	53194
	69345
	69346
	69347
	78312
Lengsteiner F	92456
Lenhart M W	55115
Lenhart W B	66720
Lenïashin P	36513
Leniger H A	27986
Leningrad Vsesoïuzyni Nauchno-Issledovatel'skii Vitaminnyi Institut	35230
Le Nir Y	53776
	58109
Lennartson R	17613
Lennartson R W	7501
	44461
Lennep E W van	67830
Lennette E H	51839
	53782
	80896
Lennon F B	2681
Lennox F G	62393
Lenoir F L	13301
	20805
Lenschow	59947
Lensi G	41603
Lensky P	85453
Lent H	6845
	43666
	52650
	77964
Lent H B	59069
Lenti C	29468
	29469
Lentionov B A	24573
Lentz A N	58622
	58637
	58816
	83248
Lentz J H	53032
	78455
	81866
Lentz P L	11831
Lentzen	66633
Lenz A	2788
	91707
Lenz F	16713
	94661
Lenz K	66721
Lenz L W	13302
	30285
Leodolter F	80102
León A	84201
	85083
	85186
	86917
León A P de	89216
Leon C F	65668
Leon G	62929
	82188
Leon J A	84098
Leon J P de	33588
León L A	37837
Leon L di	18660
Leon Escudero M de	63627
León Figueroa J	33422
León Garre A	37342
	86621
Leon Hermano	28486
León Jordán H	1373
	12771
	48480
Leon Ortega M	85386
Leon Riva A	87232
Leonard A S	25553
Leonard C D	73270
	81702
	90099
Leonard E C	56639
Leonard E P	4895
	42367
Léonard J	122
	19830
Leonard L B	2680
	21946
Leonard M	76667
Leonard O A	12375
	13577
	13590
	13591
	65986
Léonard R	71234
Leonard R B	14660
	31781
Leonard R O	14981
	22426
	50644
	83597
Leonardson R D	27879
Leoncini M L	696
Leone I	39037
Leone J C	14982
Leong K C	76747
Leongardt G G	28315
Leonhardt H	4642
	42172
	51227
	67650
	84332
Leonhardt R	47254
Leoni I	90951
Leonidas V R de P	69927
Leonidov A	46069
Leonor M	26460
	36008
Leonov P	61497
Leonova M S	32856
Leont'ev A A	58517
Leont'ev F S	28428
Leont'ev I	26885
Leont'ev V L	21127
	22152
Leont'eva IU A	28908
Leopold A C	899
	48136
	56862
	56863
	64785
Leopold B	28831
	41631
	59117
Leopold F M	80321
Leopold K F	8255
	26191
Leopold O	6205
	34042
	62760
	77445
Leopold R	37343
	37344
	46287
	46288
	55242
	55243
	55244
	55245
	55246
	63400
	88365
	94904
	94905
Leopoldo F T	65865
Leoschke W L	23546
	76596
Lepage E	28487
	28488
	29052
	38454
	72402
	80995
Lepage H	29933
Lepage H S	24688
	24810
	60918
Lepage P	13105
	48857
Lepage-Thil-baudeau M	13303
Le Pechon J	13049
Le Pelley R	34252
	61271
Le Pelley R H	85657
Lepervanche Parparcen R	63628
Lepeshinskaïa O B	28268
Lepeshkin V I	59884
Lepesme P	52458
	77739
	77740

	Item
Lépez R E	7626
	7778
Lepidi J	54203
	55845
	95933
Lepigre A	36978
	36979
Lepigre A L	94516
Lepik A F	14086
Lepilov P V	80103
Lépine P	5341
Leporati L	5470
Lepore A	74285
Lepori B	29737
Lepori L	11832
	47342
	47533
	47534
	56546
Lepoutre L	26384
Leppert D	68754
Leppik E	16911
	24398
Leppik E E	6206
Leppin H	26699
	54495
Leprevost A	54961
Lequay S	59854
Lequertier J	18370
	29589
Le Quesne W J	43667
Lequien H	35261
	62834
	70834
Lera de Isla A	17420
	26700
	43993
	70734
Lerch D	9759
	34750
	63727
	71853
Lerch J	7672
Lerche M	59681
Le Revert R	7042
	17273
	61401
Leriche A	17766
Le Riche F J H	1048
	79369
	90165
Lerk J	8221
	26157
Lerma A A	22770
Lerma B de	25095
	25096
	85322
Lerman F	9352
Lerman R I	81693
Lerner I M	5165
	5166
	15760
	23755
	33147
	33148
	60032
	71059
Lerner N H	39242
Lerner Y	7180
Le Roi D	8256
	8257
	26095
	32851
	35826
	44344
	44345
	45019
Le Roi D	53351
	61661
	78652
	86496
	94355
Le Roux A C	54787
Le Roux G D	7989
Le Roux H P	94480
Le Roux J D	59772
Le Roux J K	15977
Le Roux L	80375
Le Roux P	38030
Le Roux S P	49973
Le Roux W J	4234
	43012
	45200
Leroy	67451
	68271
	75977
Le Roy	78898
	80038
Leroy A	2016
	8067
	13304
	35640
	49016
	70242
	86864
	92374
Leroy A M	3829
	7303
	15093
	23227
	38140
	42141
	51581
	51869
	82012
	84009
Leroy J	8390
Leroy J F	141
	697
	12155
	38442
	89217
	89261
Leroy L	46677
	53296
Leroy P	83285
Le Roy Baron	61946
Le-Roy y Galvez L F	48
	28429
	89218
Lerrigo M O	28207
	63899
Lersner von	80322
Lerstad O	63919
Léry G	3906
Lesage	75070
Lesbouyries G	15180
	50863
	51630
	51631
	51840
	51977
	59205
Lesca V	10563
	65338
Leschner F	14819
Leser W H	62818
Lesesne H	62394
Leshchinskaia S S	44584
Lesher S	34346
Lesik B V	36009
	81913
Lesimple A	62846
Lesins K	81522
Leskin D F	22496
Lesley J W	72709
	90022
Leslie A P	41002
Leslie I	5342
Leslie N	4643
	9936
	18915
	32540
Leslie R T	32149
	59126
Leslie S	17937
Leslie V	15900
	33423
	35208
	46963
	68130
	68131
Lesnikov E P	56529
Lesnikov G	84732
Lesnikov I G	51503
Lesperance R	19115
	29738
	62027
	62028
Lespès L	20019
	28909
	79444
Lespier R E	80496
Lesse H de	17039
	17040
	43755
	52802
	52803
	78072
	78141
	85908
	85978
Lesser E	22153
Lesser M A	17639
	43207
	65987
Lestaing J	62465
Lester J	11833
	44367
	47990
	56091
	65866
	66956
	71130
	72229
Leston D	16846
	16847
	16848
	43668
	43669
	52031
	60511
	61071
	61072
	68828
	68829
	68830
	77965
	77966
	85852
	85853
	93973
L'Estrange J A	91043
	91608
Le Sueur A D C	3368
	49017
Leszczak W	23109
Letard	3907
Letard E	32541
	50742
	54572
Letard E	59206
	59577
	84202
Letessier A	41384
	50521
Lethem W A	11052
Letkov L A	49381
Letnes A	57850
	81256
	89622
Letourneau A	32451
	37838
Letourneau F	10113
Létrange J	71286
Letroteur R	92623
Letsky B M	14791
Letters R	74679
Lettieri N	52110
	69348
Lettinga P	53783
Lettmayr A	88640
Letuchev K P	5610
Letunov V S	37506
Letunovskiĭ M	1210
Letz R	54573
Letz R B	67494
	80286
	92816
Leu C T	46000
Leubuscher C	61853
Leuchtenberger C	24964
	52678
Leukel R W	11834
	11835
	11836
	19926
Leung K W	66232
Leung T C	89899
Leung W T W	53416
Leupen F F	58033
Leuschner F	17530
Leuschner F H	5343
	5471
	9520
	9541
	15901
	51706
	93079
Leuschner J O	13305
	13306
Leutritz J Jr	3618
Leufskiĭ K M	39243
Leuzinger R V	30286
Leva G de	23127
Leva M	44508
Levacher F	42925
Levaditi C	93011
Levadoux I	1820
	19973
	39099
	39890
	47991
	48858
Levan A	49
	900
	12204
	73193
Levanidov I P	54962
Levante C	95672
Levardsen N O	30570
Levari R	81612
Levchenko T N	35527
Levchenko V K	31717
Leveck H H	16038
	20686
LeVee W M	21597
Levenbook L	34347
	43527
Leventhal H	46824
Leveque J	39513
Lever J A W	5959
Lever R J A W	24756
Leverington K C	91178
Leverton R M	46961
	55890
	80689
	81733
	96138
Lévesque G	82013
Leveugle	27888
Levey R A	41841
	50540
Levey R P	54379
	87489
	87490
Levi E	31119
	90023
	90024
Levi H W	34184
Levi L R	34184
Levi M	42900
Levi M L	85117
Levi R	8510
Levi U	19029
	94508
Levi-Castillo R	6601
	43592
	67916
Levi-Strauss C	82623
Levie E L	88366
Lévieillé M	14607
Levin A M	31718
Levin B	69396
Levin E	9352
Levin G G	39244
Levin J H	8764
	18282
	61448
	79437
	95120
Levin M	18201
Levina L	62826
Levina R E	57961
Levine G	91165
Levine J D	75693
Levine J M	4006
Levine L	16158
Levine M H	92735
Levine N D	23634
	68066
	84678
Levine P E	68132
Levine P P	1583
	23941
	42714
	51656
	84883
Levine R P	77864
Levine S Z	11053
Levinson B D	6058
Levisohn I	12357
	56864
Levison R	36010
Levitan M	16714
	24829
	34348
	53721
	87077
Levitin I	40812
Levitskaia E S	51159
Levitskiĭ A	10301
Levitskiĭ P F	4644
Levitt B	36722
Levitt J	12376
	64036
Levkovich V G	33916
Levkovsky N	73480

	Item
Levón M	14339
	14778
	41003
Levsen E	71854
Levsha F	50790
Levšova O P	48028
Levy B	27510
Levy E B	48481
	48482
	70795
	82014
	83090
Levy F	12377
	82398
Levy M	58655
Levy R S	51513
Levy-Bruhl R	63900
Levykin N	25224
Lewallen L L	77865
Lewandowski M	93168
	93262
Lewandowski T	62226
Lewes D	47773
Lewert R M	5960
Lewin G A	7627
Lewin R A	38922
	64632
	64786
	70782
	81431
Lewis A H	80832
Lewis A L	55662
Lewis B L	25826
Lewis C A	901
Lewis C D	96095
Lewis C E	2017
	2018
	28978
	28979
	65669
Lewis C F	81485
Lewis C H	40054
	44157
Lewis D	38979
	64682
Lewis D C	66461
Lewis D J	52541
Lewis E A	83891
Lewis E B	77866
Lewis F Jr	9327
Lewis F A	35389
	54899
	70735
	85118
	87147
Lewis F H	450
	19927
	24363
	47357
Lewis G	19428
	27987
	46289
	46401
Lewis G C	40813
	74749
Lewis H A	69111
Lewis H B	89019
Lewis H C	17163
	34185
	43670
Lewis H F	3709
Lewis I F	16849
Lewis I G	2019
Lewis J	94724
Lewis J A	8258
	79153
Lewis J C	44585
	45108
	53553
Lewis J K	4451
	15446
	51090
	67542
Lewis J M	48644
	49684
Lewis J R	47328
Lewis L H	4343
	45695
Lewis N	1647
Lewis N G	90250
Lewis R D	39361
	45201
	88493
Lewis R G	42368
	59336
	59855
	76540
Lewis S A	69556
Lewis S H	3641
Lewis T D	44552
Lewis T H	998
Lewis W A	37635
	72053
Lewis W B	95521
Lewis W E	45350
Lewis W H	2218
Lewis W M	59948
	76541
Lewis W R	7628
	8873
Lewis W W	82015
Lewy van Severen M	21718
	30777
	30778
	30779
	30978
	30992
	30993
	82624
Ley H	32542
Ley L W	8714
Leydolph W	4344
Leye J	61662
Leyendecker P J Jr	38702
	47535
	81257
Leyh H W	65670
Leyon H	569
Leyton G B	92888
Leyvraz H	48859
	28953
	28957
	30130
	65465
	86739
Lezaeta M	53969
Lezhnev N N	9604
	54828
L'Heritier P	77867
Lhoste J	11837
	68429
Lhota O	14674
	49290
Lhote H	72403
Li C S	85752
Li H L	47255
	38455
	38456
	38457
	56225
	80996
Li H W	38923
	38924
	38980
	89843
	89899
Li K Y L	22022
Li L Y	7738
Lí'akh V	94400
Lian A	54551
Lian T	91708
Liang K C	16789
Liang T J	81483
Liao S J	890
Liard	57530
Liard O	65421
Lí'ashchenko I F	39594
Lí'ashenko I V	59425
Libby C E	32165
Libby D	60159
Libeau C P	8809
Libera G	61947
Liberman I	36514
Liberman S	26886
Libersa M	76742
Libert R	68040
Libkind A	46083
	46402
Libizov N I	29448
Libowitzky	13307
Licciardelli G	68190
Licciardello J J	8874
	49128
	95071
Lichauco L	27763
Lichey H	40055
Lichtenstein H	53422
Lichtenstein J S de	89381
Lichti H	11838
Lid J	142
	186
	47173
Liddell J G	95805
Lidén S A	31879
Lidí'aol'	56304
Lidove P	8259
Lidstone J D	94379
Lidvall E R	77136
Lidwell O M	37839
Lidy H	7779
Lie O	14087
	43505
	71666
Lie S	71967
Lieb	81161
Lieb H	56833
Liebenberg C R	84953
Liebenberg L C C	48483
Liebenberg O	51928
	83771
	86402
	92457
Liebener	29739
Liebenthal F	12534
Lieber D	23689
	42496
	42497
Lieberman F V	16259
	59551
	61069
	77238
Lieberman J	65387
Lieberman M	8786
	8790
Lieberman P	9542
Liebermann J	6859
	6860
	17123
Liebermann J	17124
	19194
	25097
	34665
	52857
	72243
	61272
	77021
	86038
Liebers O H	21631
Liebert J L	7990
	26192
Liebig A W	61948
	44701
	61949
	68969
	94662
Liebisch H	15680
Liebisch W	86577
Lieblich R	38031
	87946
Liebsch A	5231
	68306
	92624
Liebscher	5774
	55533
Liebscher F	47016
Liebscher W	23846
	33681
	86294
Liebster	401
	1648
	1649
	1650
	1761
	6664
	6722
	7069
	29934
	29935
	29936
	36230
	36231
	36276
	38925
	39731
	48669
	54204
	82931
	89623
Liechti	90369
Liedberg G	71336
Liedtke	46678
Liefeld T A	41200
	75277
Lieftinck M A	43920
	560[illegible]
	941
Liegeois F	5822
Lieldiens R	30749
Lienart J M	2469
Liendo Coll P	53430
Liener I E	79810
Lienert E	41842
	75894
	83892
Lienhard H	32017
	53352
Lienk S E	34522
	68616
Liepiņš K	90555
Lier F G	72983
	89844
Lier O	27089
Liere J G van	17352
	25329
	86228
Liere W J van	2642
Lieres L von	88
Liersch J E	50098
Liese J	3627
Liese W	58980
	83671
Lieth L	48709
Liethen J	44332
Lietz K	698
Lieux D B	24900
Lievens F	23228
	67881
Lifiš M	7502
Lifquist R C	46982
	72102
Light M R	33580
	85084
Light S F	17164
Lightbody H	19037
Lightfoot L C	74858
Lightowler R	11054
Lightsey E O	83484
Lightsey O	66815
Ligier E	50
Ligon L L	1387
	46584
Ligon M	14088
Ligugnana L	44766
Liguori A	47536
Ligutti L G	71214
Lihnell D	38812
	43632
	81258
Lihtonen V	3278
	41140
Liiri O	15009
	59035
	59118
Lijinsky W	20446
	20448
Lijsten R	57553
Likar I	59913
	59914
Likar L	59914
Likely W	74427
Likerman J E	42885
Likhachev N V	23947
	51632
Liles J L	80035
Liles W C	17945
Liliebladh P O	8008
Lilienfeld F A	20223
Liljedahl J B	7122
	53147
	78456
Liljegren E J	25677
Liljenquist L B	96096
Lill J G	38665
	46002
Lilla O	61365
Lillard J H	66464
	66528
Lillehei C W	59847
Lillevik H A	78996
Lilley H W	62930
Lillie R J	23847
	60087
Lilliehöök M	41347
	66770
Lillieroth C G	54356
	62629

	Item
Lilly J H	6463
	52459
	43208
	60850
	77239
	77289
	93375
Lilly V G	798
	29312
	29416
	39194
	64410
Lim J C	29058
Lima A D F	85979
Lima A da C	77967
	78142
	78143
Lima A R	56596
Lima A R de	68849
Lima D de A	28430
	28431
	28469
Lima F de O	16763
	85812
Lima J M F	18420
	53517
Lima J P	39695
Lima M C de A	36011
Lima P	74938
Lima S A de	7780
Lima Centro	40249
Nacional de Investigacion y Experimentacion Agricola de La Molina	43250 47471
Lima-de-Faria A	47848 72984
Lima Romero J J	18780 79950
	79951
Lima Servicio de Inseminación Artificial	59155
Limasset P	11673
	29009
	38587
	81338
	89718
Limaye V D	83572
	83682
Limber D P	81104
Limberk J	47993
Lime B J	36151
Limerick J M	83614
Limestone Valley Soil Conservation District	58518
Liming F G	66816
Limmer E	17601
	36593
Limstrom G A	31120
	40583
Lin C T	66232
	82862
Lin J F	82862
Lin K C	82862
Lin K S	90020
Lin S	77741
Lin S F	44556
Linardi H	18640
Linchevskiĭ V	53203
Linck A J	47891
Linck O	3411
Lincoln B	45202
Lincoln C	16588
	61218
	68386
Lincoln C G	52111
Lincoln H	54270
Lincoln I B	13308
Lincoln S B	70415
Lincoln Longwool Sheep Breeders' Association	5621
Lincoln Red Shorthorn Society	59490
Lincolnshire Beekeepers' Association	77446
Lind C	50743
Lind E M	11570
	89429
Lind G	39821
Lind O	14661
Lind S L	52892
Lindahl I L	67291
Lindahl P E	59491
	76083
	84099
Lindau K H	23499
Lindauer M	24574
Lindberg B	41632
	64892
Lindberg E	21128
	21129
	65671
Lindberg H	52460
	52719
	68831
	68832
Lindberg J	18105
	54123
Lindberg J E	36312
Lindberg K	66895
	75185
Lindberg N J	14915
Lindberg R C	14349
Lindblad O	75071
Lindblom N	6995
	53112
Linde H	71337
Linde P van de	52531
Linde R J van der	71560
	83342
Linde S B von	37666
	63857
Lindeberg G	56980
	81766
Lindegren C C	12156
	20211
	20341
	64787
	81486
	81487
Lindegren G	20341
	81487
Lindeman R J	68074
Lindeman V F	68486
Lindemann E	9049
	18421
	25614
	26701
Lindemann G	62532
Lindemann M	11129
Lindenberg B A	7466
Lindendorf A W B	6207
Lindenfelser L A	20437
Lindenmann J	6541
Lindemann-Keckefoth U	88923
Linden van der	9160
Linden L van der	12004
	12378
	29313
	48670
	57851
	81162
Linden P J v d	95458
Linden zur	68133
Lindenbergh H L J	88060
Lindenmuth A W Jr	22386
	91882
Lindenstruth O	41843
	67651
Linder A	58945
Linder P J	21380
Linder T	17602
	62847
Lindfors T	6462
	20020
	38703
	56402
	72578
Lindgren B O	32164
Lindgren C D	87862
Lindgren D L	16668
	24830
	34253
	34349
	34457
	94083
Lindgren H	78032
Lindgren I	22249
Lindgren L A H	68617
Lindgren N O	4896
	76814
Lindgren R M	82051
Lindh E A	14527
Lindh T	22727
Lindgren B O	50627
	59119
Lindgren D L	52112
Lindley C E	4491
	23128
	41894
	42069
Lindley D C	23324
Lindman K	7687
Lindner A	21996
Lindner A F	86764
Lindner E	43528
	68755
	82134
Lindner M W	18641
	78704
Lindner R	91117
Lindner R C	570
	12005
	56609
Lindquist A W	6542
	16700
	34178
	34350
	34409
	34430
	43518
	68375
	68745
	77891
	77915
	85799
	85807
	93440
Lindquist B	36704
	56530
Lindquist F E	54380
Lindquist J C	89624
Lindquist W D	33302
Lindqvist B	3401
Lindqvist K	758
Lindqvist T W	78639
Lindsay C	95997
Lindsay D R	16715
	91044
Lindsay G	38374
	67292
	72404
Lindsay H A	38458
Lindsey M M	10379
Lindsley C H	62395
Lindstedt G	3806
Lindstedt H	72103
Lindsten A	34612
Lindstrom D E	69668
Lindström E	11285
Lindstrom E S	64788
Lindström H	4994
Lindström J R	32452
	36580
	38052
	45625
Lindstrom R	15181
	75777
Lindström T	33083
Lindstrom D E	88157
	88785
Linduska J P	85454
	93440
Line R	58207
Line S	16403
	24575
	52258
	60701
Lineberry D D	44558
Linecker K	79407
Lineer G F	65142
Lines J	27224
Linevich V	88287
Lineweaver H	7618
	27020
	36801
	45862
	95375
Lineweaver H O	5122
	23709
	51633
	51648
	51649
Linfoot W R	7043
Ling K C	12379
	23910
	81259
	89457
Ling L	268
	28693
	56403
	91045
Lingappa B T	80888
Lingard H T	27253
Lingbeek T	6056
Lingeman E R	46290
Linggi A	76542
Link C B	869
	1008
	48065
	48066
Link G K K	47994
	81613
Link P	68272
Link R P	32741
Link W	20853
Linke C J	29377
Linke W	95602
Linke-Crawford E	42879
Linn A	10736
	19681
	27988
	28339
	28340
	36071
	38261
	54169
	79319
	89141
	89142
	89143
Linn J W	84454
Linn M B	11839
	47928
	40197
	72770
Linn S	87723
Linnamies O	41173
Linnasalmi A	21987
Linnavuori R	24946
	24947
	24948
Linne K von	72293
Linnemann K	35005
Linnenbrink H	54340
Linnert G	47833
	47851
	47995
	56745
Linon G	9264
	75895
	75896
Linon H	9304
Lins de Barros E	3369
Linsday E A	45203
Linsenmaier	48860
Linsenmaier	68430
Linser H	902
	2367
	2789
	49685
	50015
	64789
	64790
Linskens H F	29314
	72985
Linsley C M	21632
Linsley E G	5881
	16589
	16590
	77742
	80768
	85909

	Item
Linsley R K	31206
Linsley R K Jr	14089
Linssen E F	6372
Linthicum B	28689
Lintner I	24094
Linton F B	72198
Linton N	22154
Lintott R E	23191
	76156
Lints H A	4912
Lintzel W	11130
Linz E	5167
Linz G	95057
Lioanag A M	60088
Liogier E E See Alain Hermano	
Lionberger H F	98711
Lionti R	6894
Lioret C	29315
	39100
Lipatov K G	91424
Lipatov N	26241
	44138
	45060
Lipinskaĭa E V	30311
Lipis B V	25866
Lipitz S	27018
Lipka W	22542
	31962
	32055
	41369
	41649
	58937
Lipovsky L J	16497
Lipp W	17982
Lipparoni E	19538
Lippe F von der	3534
	83470
Lipper R I	26289
	45545
Lippert H	42734
Lippincott E A	11098
Lippman P	61402
Lippmann	37840
Lippmann K	15529
	40968
	67293
	86229
	88705
Lippmann-Pawlowski M	78144
Lips H J	36723
	54735
	70944
	70945
	87724
Lipscomb C G	68970
	78145
Lipscomb E	71855
Lipset S M	46602
Lipska I	17884
Lipson M	36012
Liron R	31942
Lis H	62489
Lisavenko M A	759
	90556
Lisavenko M I	20854
Lisitsyn B	57265
Lisitsyn D I	90166
Lisitsyn P I	90370
Liskun E	42290
Liskun E F	22827
	22828
	67750
Lisney A A	52804
Lisovskaĭa A K	24576
Lisovskiĭ ĬA	37507
Lisovskiĭ ĬA N	20679
Liss G O	31304
Liss R M	59754
Lissitzky S	51205
Lissner T	35155
Lissner W	10499
	80075
List A	35641
List E	70296
List G M	52546
List J N	40969
Lister D	62713
Lister G H	54124
	54125
Lister R	56152
Liston M I	7337
Listov P	53336
Lisunov I K	29586
Litchfield P W	71079
Litchfield W H	58177
	58178
	91252
Liter O	35177
Litovchenko G	5723
	93188
Litovchenko G R	45626
	85051
Litt J	7903
Litt R	84502
Littau V C	29010
	47774
Litten E A	2990
Little (Arthur D) Inc	18642
Little D H	61854
Little E L Jr	28556
	31528
	41237
	80997
Little J	49686
Little H B	71107
Little H N	12535
Little L	62404
Little L D Jr	2028
	2029
	2030
Little L H	34043
	52259
Little P A	15956
Little R B	84333
Little R R	19539
	46965
Little S	14562
	22319
	91312
Little S J	33424
Little T W	4115
Littlefield E W	22086
	50127
	58656
	75278
Littlefield J	38588
Littlejohn L J S	83091
Littmann H G	71856
Litton G W	84010
Litvĭakov M K	75326
Litvinenko F P	82016
Litvinov I	20495
Litvinov L S	58141
Litvinov P	20624
Litwin L	57724
Lityński T	91313
	91314
Litzelmann E	19831
Litzenberger S C	11840
Litzendorff J	26702
Litzki A	51707
	76892
	84884
Liu K C	27136
Liu O	60116
Liu P D	90101
Liu P H	20224
Liu S K	36724
Liu T	80998
Liŭbarskiĭ L V	56531
Liŭbashenko S	32355
	32356
Liŭbavskiĭ A V	33528
	85052
Liŭbchanskaĭa L I	54827
Liŭbchenko M A	65143
Liŭbchenko N I	24577
Liŭbich F P	2945
	39101
Liŭbich V	66067
Liŭbimov A A	24473
Liŭbimov A E	22953
Liŭbimov I	23121
Liŭbimov I M	4325
Liŭbskaĭa A	66369
Liŭbskaĭa A F	21719
	73575
Liŭdmirskiĭ G D	31422
Liŭgich V	49356
Liŭkova L A	90155
Liŭkshin V	57852
Liŭskova A	43102
Livanov N N	31609
Lively C E	41004
Livenets I P	34044
Livens J	30979
Liventsev L	34045
Liverman J L	29116
Livermore D U	61767
Livermore R L	34046
Liversage V	27732
Livertoux	78492
Livet L	5344
	16215
	23756
	27733
	33149
	42789
	60033
Livinec A	48226
Livingston A	40056
	74019
Livingston A E	7432
Livingston A L	36689
Livingston H G	76084
Livingston J E	56404
Livingston J H	10302
	10398
	41726
	50744
Livingston M	89763
Livingston M L	23948
Livingston R B	38864
Livingston W H	48622
Livingstone P K	79288
Livingstone-Learmonth C	3453
Livingstone-Learmonth D	23690
Livneh M	5713
Livongxa M	25827
Lizandr A A	12446
	39172
Lizárraga Goñi J	18781
	79952
Lizarzaburu R B	66634
Lizcano Herrera J	5062
Ljones B	12976
	13952
	21534
	39102
	39891
	40689
	65432
Ljujić M	67023
Ljung S	37141
Ljung W	35642
	53801
Ljunggren N	4786
	15530
	33775
Ljungman D	96097
Llano R J	34602
Llano Gómez E	73721
Llaveria B M	82512
Llensa de Gelcen S	69623
Llewelyn-F W M	89517
	90025
Llewellyn M	52175
	52176
Llobet I	65485
Llobregat Balaguer E	47537
Llopis S	5862
	7433
	51870
Llopis y Llopis S	2946
	31529
	45543
Llovet E	27824
	95907
Lloyd A C	8401
	35899
	37213
	63858
Lloyd A H	75431
Lloyd B	51
Lloyd B H	86659
Lloyd D C	6861
	34523
Lloyd E C	68067
Lloyd E W	12782
	60486
Lloyd G W	34169
	94068
Lloyd H S	32950
Lloyd L E	24157
	60476
Lloyd M C	61618
	69436
Lloyd M D	33212
Lloyd M H	86473
Lloyd N C	60851
Lloyd-Jones M	32543
Lloyd-Thomas W	15735
	15902
	24040
	60089
Lo T T	72710
	72853
	89518
Lo Bianco G	10564
Lo Russo R	89061
Loads F W	1587
	34470
	66734
	74181
Loasby G	26385
Lobaev N I	60876
Lobachev A ĬA	1725
Lobanov D I	44586
Lobanov G M	73874
Lobanov N V	39103
Lobanova A A	27385
	88288
Lobashev M E	17135
	64037
Lobay W	52113
Lobb W R	74920
	82763
Lobbe H	20743
Löbbecke H von	86162
Lobell F	19653
Löberbauer R	78146
Lobjoit J P	10399
	37214
Lobkov P	46403
Lobo B A	92309
Lobo M R C	47639
	81339
Lobo Prabhu J M	3454
Loboda A ĬA	30097
Lobov M F	12380
	39104
Lobova E T	35590
Lobova E V	2643
	58062
Lobovikov T S	58923
	91960
Lobsiger G	10436
Lobstein H E	15361
	30816
	74428
	74496
Lobstein J	34666
	72711
Lobzhanidze V I	61281
Locher A	95583
Lochhead A G	40513
	49465
	91228
Lochner E H	16301
Lochner E H W	77632
Lochow M v	67495
Lochrie H F	69645
	78790
Lochrie J V	48360
Lochry H R	8260
	17840
	17983
Lock A P	42790
Lock J	35643
Lockau S	94167
Locke E G	83656
Locket G H	43393
Lockett M C	39105
Lockhart E E	7467
	94663
Lockie G D	17299
	52972
Lockley R M	19654
Lockwood J L	89519
Lockwood M	62227
Lockwood S	11674
	38589
Lockwood T J	70511
Lockyer I	34847

Locquin M Item 264 72488 81106 81432 89458
Locsin C L 13953 13954 30718 30980 36931 40690 74602 74603
Lodder G 13309
Lodder H 34848
Lodder J 28326
Lóddesól A 83092 83093
Loden H D 790 12704
Lodens J G 93914
Loder J 23587
Loder R E 39916
Lodge F S 14288 22044
Lodge J D 53722
Lodge W C 22655
Lodhi S A 72489
Lodi Stazione Sperimentale di Praticoltura 12783
Lodin L O 35853
Lodkina M M 56865
Lodos N 93872
Lods E A 54496
Lodwick B W 55030
Lodwick E D 69473
Loeb B 21363
Loeb E 26703
Loeb J R 79595
Loeb L 62442
Loeb M B 11099
Loebel F 78183
Loefer J B 32747 51023 56866
Loehwing W F 12381
Loemker K 94159
Loening Mrs A P 2020
Loest J 95619
Loetsch F 75222 91665
Loeven W A 39106 78138
Loew G 26954 36725
Loewel E L 1651 1762 6208 8770 11841 20934 48796 60702 87491 89520 89625
Loewenberg J R 56867
Loewenstein M 70273 79108
Loewenthal K 67882
Loffler H 60284
Loffredo M S 72986
Lofgreen G P 4492
Lofgren B F 14191
Lofgren J A 85387
Lofgren S 8511
Lofthaug O 18327
Loftin M T 10677
Løfting E C L 14563 14608 38705 50189
Löfvenmark H 73576
Logan D V 75605
Logan H B 65672 82399
Logan J A 44587
Logan J M 74859
Logan K C 32089 41514 67160
Logan K T 14609
Logan M 33624
Logan N H 74020 74021
Logan P P 25726
Logan S 33624
Loghem J J van 5024
Loginov L 91834
Loginov T I 22497
Loginova N V 68250
Logvinova Z V 89105
Logman H 15736
Logothetis C 17125 60575
Logue P 7545
Loh C H 20761
Loh C S 39617 65259 88038 89900 90478
Lohara K S 2738
Lohman F 92843
Lohmann I W 87201
Lohner J 37600 69165 69997
Löhr E 81614 81615
Löhr L 34849 53195 58063 71968 95836
Lohr T 14610
Löhrl H 80871
Lohwag K 28766 64469
Lohwasser A 66896 66957
Loibl L 48297 49687 54855 58292 63078
Loidina G I 38822
Loiseau J 49909
Loisil L 9050
Loizides P A 29590 49688
Lok B 5823
Løken A 16912 25002 77240
Lokhorst W 42700 76833
Lokhov V P 91755
Lokteva F P 42173
Lollar R M 36555 79695
Loma J L de la 12208 21720 75778
Lomakin N V 52260
Lomasney W F 26541 57457 87391
Lomax E B 15786
Lomax J W 25453
Lomax K L 7991
Lombard 92310
Lombard C 54788
Lombard C M 92311
Lombard L S 92311
Lombard P 15447
Lombard P M 30418 38644
Lombard T A 82189 88367 95598
Lombardi G J 78732
Lombardini G 85578
Lombardo R 19116 27642
Lomen D 46404
Lomkafši S I 65466 73875
Lommasson T 75223
Lomongo A M 41053
Lomov F O 54914 63113 63138
Lo Muzio F 60469
Loncin M 69998 87863 87864
London Fruit and Vegetable Trades Federation 79408
Londoño Villegas B 7904
Loneragan J F 903
Long B 93080
Long B E 9673 27137 63114 65260 95522
Long C H 51392 51395
Long C M 45666
Long D L 54789
Long D R 20680
Long E 23757 76703
Long E R 11038
Long G 29807
Long H 59578
Long J 29992 68431
Long J F 34047 76334 84334
Long O H 82863 91315
Long P L 42671
Long R A 76335
Long W H 55474
Long W S 65144
Longchamp R 20021 39107 47996 56868 90026
Longenecker D 30897 30981 40467
Longenecker G W 49018
Longfield C 52893 86087
Longhi G 75224 91736
Longinov N 60386
Longley A E 72987
Longley D 41994
Longmore T W 88448
Longrée K 54646
Longwell J 75384
Longwell J H 31261 38305 40927 56113
Longwell M 10737
Longwill A 5775 26852 51978 62790 68292 77056
Longwood F R 3420 58746 75279 91835 91865
Lonka T 44810
Lönnemark H 6996 46291 61366 69349 78417
Lonnquist J H 29548
Lontok G B 18947
Loock E E M 11477
Loof H 15787 15788
Look A van 32695 42124
Look E H 22657
Loomba B K 25447
Loomer C H 13310
Loomis L N 4614 42680
Loomis W D 1037
Loomis W E 29316 48020
Loomis W H 29225
Loomis Agency 45264
Loon N R van 65673
Loon P J van 96055
Looper D 46345
Loos C A 11675 28905 47538 81248
Loos E 31423
Loos K D 10946
Loosanoff V L 11571
Loose H 2790 13955 39732
Loosen R 17841
Looser G 11518
Loosjes F E 93532
Loosli J K 4492 5656 15094 15362 22829 23229 24263 59207 59208 67564 68305 75779 85195
Lopane C 59337
Lopane F 56700
Lopatecki L E 47539 56532
Lopatina O F 37215
Lopes A T 36726
Lopes C F 86918
Lopes H D S 70946
Lopes H de S 24831 34351 77868
Lopes O 1388 21721 29740 48484 48485 70328 82017 82018 82019
Lopez F 6997 19117 66635
Lopez F B 29659 66636
Lopez A M 94664
Lopez G 38892
Lopez J S 20225
López J 8875 75897
Lopez W D 21947
López Aranguren J 76336 92625
López Aranguren J J 9305 22954 23635 42473 51397 68249
Lopez Aranguren J L 43077
López Arias A 26796 54126 55392
Lopez Asensio M 58579
López Capont F 35316 78733
Lopez Ferrer F A 88061
Lopez Gil A L 19549 63948
López Herrera C 80681 87354 89050
López Otero J A 23980

	Item
López Palazón J	17464
	16035
	41995
López Pellon N	15291
López Ramirez G	64998
López Rosado D	71244
López Ruiz B	44702
López Tienda J	87865
Lopez y Lopez C	4116
	22955
Lopez y Lopez D C	15182
Lopyrin A I	68250
Lora J	59338
Lora M H	32664
Lorber M G	51398
Lorch M	57266
	83772
Lord E	54127
	79289
Lord E L	21130
	21450
	21535
	21722
	73785
	74022
	74604
	74605
	80690
Lord R	19118
Lord R F	88561
Lord W J	6933
Lordello L G E	612
	34603
	85980
Loreen C O	27989
Lorentzen C O	23553
Lorentzen S	41201
Lorenz F W	15737
	15738
	15739
	23848
	27004
	33150
	45865
	95392
Lorenz O A	21278
	30444
	62617
Lorenz O Z	8876
Lorenz P	40547
	74411
	91142
Lorenz W	2644
	46292
	74503
Lorenz-Liburnau H	31565
	58730
	66837
Lorenzana S	13106
Lorenzen C	31566
Lorenzini O A	2368
Lorenzola F	45491
Lorenzo A di	2947
Loreto F V	44114
Loreto L	63628
Lorez C	62308
	90371
Lorie J H	25646
Lorifa K F	92813
Lörincz F	18534
Loritz J	17041
	17042
Lorkiewicz Z	5834
	24302
	92312
Lorrain A	34048
Lorz A P	73063
Los E J D	37236
Los Angeles County California Agricultural Commissioner	27512
Los Angeles County California Livestock Dept	23949
Los Angeles County California Regional Planning Commission	53723
Lösch	94725
Lösch R	92575
Loschiavo S R	60852
Loschky W	58638
Losee S T B	31610
Losey J E	6952
	46600
Loschtschenowa K	76457
Loshchenova K	4787
Łosiński T	23636
Lositskiĭ K B	22320
	91836
Loskutov A M	59949
Losky R F	5824
	77116
Lossaint P	58213
Lothe A	30833
Lothian	20987
Lothian N	38363
Lotschert W	72931
	92140
Lott C A	35827
Lott D G	15681
Lott R V	57458
Lotter G	32255
	43324
Lotter G J	33009
Lotti G	74462
Lotti T	41188
Lottner E	8999
	26668
Lotz J van Z	74758
Lotz R	18591
Lotz W E	51956
Lotz W R	36674
	62882
Loubière A	52
Loubser J T A	12784
Loudon E G	65467
Baron von	65867
	90832
Louf	76636
Loughary F A	8125
Loughead M E	56063
Loughlin J	94855
Loui D	15292
	42291
	51021
Louis A	90952
Louis M C	70416
Louis P	34524
Louis-Delamare J	72054
	88953
Louisiana Dept of Commerce and Industry	25594
Louisiana University and Agricultural and Mechanical College	37869
	88052
	88053
Loumaye E	51894
	91369
Lounsbury L F	51022
Lounsky J	72579
Lourteig A	89326
Loury M	55932
Lousley J E	19796
	38407
	38408
	72347
Lousse	22956
Lousse A	15363
Loustalot A J	904
	35900
	65988
	73306
Louter A	4345
Loutfi S E	87402
Loutit J F	32357
Louvain P	1652
	12157
	21012
	29937
	57459
	65433
Louvain Université Catholique Institut Pédologique	74412
Louveaux J	6110
Louw A J	11676
	20022
	89626
Louw J D	18384
Louw J G	32256
Louw P G J	92844
Louw W J	12082
	20131
Louwes A J	65296
Louwes H D	27387
	37345
	37953
	44462
	46825
	71857
	88368
Louwes S L	1588
	37346
Louzada D F Jr	24578
Lovchikov I S	12642
Löve A	699
	38459
	47834
Löve D	47775
Love H C	63504
Love H M	46164
	55073
	55330
	88254
Love H T	48172
Love J S	62396
Love L D	91609
	91610
Love R	51399
Love R M	1389
	39514
	48486
	57267
	57268
	82020
	89859
	90372
Lovegren N V	36699
Lovejoy D B	49503
Lovejoy R D	70536
Lovelace I	80437
Lovelady P	42862
Loveland T A	83178
Loveless A R	452
Lovell H B	56701
Lovell R	4438
	4645
	23187
	32742
	51084
Lovelock B	40057
	74023
Lovelock J E	76112
Lovely W G	34975
	85989
Løvengreen J A	14548
	50295
	58817
	66911
	75280
Loveridge E W	83243
Loveridge G	69928
Lovering F W	2470
	15740
	21479
	27990
	46405
	56028
	58034
	65389
	76508
Lovern J A	73333
	75780
Lovett C A	94498
	3164
	66735
Lovisolo O	47540
Lovkov ÎA	46263
Løvø P J	1211
	64999
Lovre H O	11332
Løvstad T	3631
Lovvor V R	43182
Lovvorn R L	724
	13592
	16204
	21381
Low C	23547
Low D	84772
Low M	55681
Low W	85303
Low W A	10738
Lowden E	44263
Lowdermilk W C	58519
	66536
	66637
	66638
	83094
	83095
	91485
Löwe	23588
Lowe A E	52651
Lowe A M	95806
Lowe B	27000
	54605
	79743
	95386
Lowe C D	4117
Lowe C V	80185
Lowe D	21279
Lowe E	26557
Lowe E G	24170
Lowe G D	91892
Lowe H	44354
	92817
Lowe J L	16344
Lowe L E	18266
	54271
Lowe M	15448
Lowe T A	8877
Lowe W A	94432
Lowen W K	26542
Lowenberg M E	11055
Lowenfels A	53504
Lowenstein F	18100
	62397
Lowenstein M	79047
Lower H F	34471
	60943
Lower M E	8068
Lowery E L	71547
Lowery J C	10303
	12785
	20681
	39515
Lowit J C	5557
Lowndes R I Jr	14662
Lowndes T H	38364
Lownsbery B F	613
	43671
	64586
	71353
Lownsbery B F Jr	47687
Lowrey G W	30982
	30983
	30984
Lowrey J C	29741
	90373
	90374
	90375
Lowrie A W	37954
	46826
	63801
	80567
	95393
Lowrie C R Jr	66162
Lowry D C	5165
	15760
	71059
Lowry M T	78899
Lowry R K	23478
	23527
	32893
	32894
	51400
	59817
	67831
Lowry R L	14090
Lowry S G	35729
Lowry W L	78147
	78148

Lowstuter A B 7503, 7521, 25656
Lowther C V 11843
Loxley R 64872
Loy A van 78352
Loy C W 9353
Loy G L van 17253, 78352
Loy L V 46679
Loycke D J 58778
Loycke H J 3345, 74994, 75281, 75370
Loyd F G 37601
Lozano A 64791
Lozano Rodriguez A 90251
Lozet F 25767
Lozet J 2645
Lozovoĭ V 61395
Lozoya J C y L de A 30287
Lozovoĭ V 95673
Lozovoĭ V I 71561
Lu K H 25086, 34650, 78217
Lu Y C 90056
Luaces E L 51425
Lubar G 42604
Lubbe A M 71969
Lübbert G 89845
Lübeck R 22265
Lubeneĉs P A 20226, 90376
Lubert 25727
Lubfanefskiĭ 47056
Lubich H 26839, 54048, 54658, 62309
Lubin I 67294, 10500, 37667, 69528, 86529
Lubis D A 4493, 92955
Lübke 86865
Lübke A 14949, 32116, 94108
Lübkes F 95620
Lubkov A 69350
Lubrano U 54671
Luc M 64470, 72490
Luca G de 29317
Luca M de 32544
Lucam F 42359, 51388, 51841, 84885
Lucardie M 29011
Lucas 88494, 94809
Lucas A 15449, 51634, 59339
Lucas A M 5345
Lucas C 31782
Lucas E H 28900, 89287
Lucas E R 41370
Lucas G B 56583, 64471, 64488, 72712, 72735, 89645
Lucas H L 26487, 36161, 50199, 50781, 73577
Lucas P S 53784, 70001, 79154
Lucas W 55682, 71858, 75029
Lucas W C 25278
Lucas Moran B 24298
Luca A D 50864, 53196, 78576, 92699
Luce D S 71859
Luce E N 7993
Luce P W 4788, 76458
Luce W A 13050, 56405
Luce W M 24832, 24833
Lucena Sola R 59818
Luchetti G 418, 11842
Luchi M 12643, 48487
Lüchinger K 88954
Luchini R 2219, 65869, 82513
Luchiſskafa E N 35528
Luchnik Z I 28557
Lucie-Smith M N 48747
Lucien R 14192, 88535
Lück G 10982, 10983, 45544
Lück H 72139
Luck J V 13805
Łucka M 39683
Luckan 65297
Lucke 31530
Lücke 31719
Lücke H 31531, 75156, 75327, 83417
Lücker H A 37347
Lucker J T 93500
Luckey D F 43078
Luckhardt R L 7082
Luckmann F H 54736, 54737, 62931, 87866
Luckmann W H 68971
Luckner W Jr 30288
Luckwill L C 12382, 20343, 47997
Ludbrook W V 64472
Ludé A 8483
Lüdecke 90479
Lüdecke H 20023, 39285, 39618, 39619, 40514, 44097, 48623, 49466, 65145, 72854, 82108, 90480
Ludeman J A 24041
Ludemann K D W 76196
Lüders W 68667
Lüdi W 19764, 19765
Lüdicke M 24949, 94167
Lüdtke M 45204
Ludvigsen F P 66912
Ludwig D 6464, 34254, 77743
Ludwig H 69112
Ludwig H F 40411
Ludwig M I 54690
Ludwig N H 54692
Ludwig P 78757
Ludwig W 28558, 60509
Lueck A G 65182
Luecke R W 15998, 43042, 60415, 60428, 60429, 85207, 85274
Lueder 74995
Luensmann B 46864
Lüers H 7781
Luethy D R 82564
Lugard J G 30684
Lugard P H 22427
Lugeon A R 39733
Luginbill B N 45859
Luginbill P Jr 16956
Luginbühl H 53033
Luginbuhl R E 42686, 93012
Lugo A 15164, 15165, 15414, 41800
Lugo Lopez M 74759
Lugo-López M A 21948, 49833, 91316
Luh B S 7468
Lühe W 42863
Lühmann M 60302, 33303, 60186
Luhn E 60160
Lührs 22957, 41844, 51228, 52547, 67376, 75898, 78597, 84335
Lührs H 67652
Luitingh H C 32743, 36515, 42070
Luitpold 27513
Lujambio L 25134
Lukačević J 59682
Lukanov M 44179
Lukashev A A 29742, 82021
Lukashevich A I 47541
Lukashevich E S 48361
Lukava N A 52006
Luke D 51964, 51965, 68068, 77117
Luke H H 64473, 72713
Luke W J Jr 39620, 40691, 43921
Luk'ſanchenko ſA D 39286
Lukſanchikov S 58905
Luk'ſanchikov S N 31121
Luk'ſanenko ſA 12577
Luk'ſanenko P A 39362
Luk'ſanenko P P 20568, 39362
Luk'ſanov N 45020, 45021, 53113, 62228
Lukin L A 1821
Lukin N 61459
Lukkien J 34604
Lukoschus F 77447
Lukovnikova L 44972
Luks J 23325
Luks J 23326
Luktuke S N 15473
Lull H W 2697
Lumaine 67653, 83893
Lumb W V 42369, 75821, 76543, 76544
Lumberman 41293
Lumsden D V 50472, 58976
Lumsden W H R 5961, 6590, 34410
Luna A 55247
Luna C 65674
Luna de la Fuente C 5112, 84733
Luna Ercilla C A 2471, 8512, 18107, 20895, 20896, 21382, 39425, 40343, 40344, 45205, 45206
Luna Ercilla C A 54381, 54120, 58035, 62398, 70417, 70418, 73578, 83615, 90595
Lund A 23539, 32968, 51447
Lund C F 66370
Lund E 24579
Lund E E 5584, 5585, 5586, 24102, 60296, 76944, 85022, 93118
Lund H N 9674
Lund J H 9635
Lund J T 10114
Lund J W G 47324
Lund L 54129
Lund L O 62419
Lund O 8771, 14611, 66736, 95072, 95148
Lund R 7385
Lund R G 54130
Lund S 232, 81071
Lund T 10304, 45627
Lund Z F 39414, 65051
Lund Sweden Botaniska Föreningen 19766
Lundahl W S 12506
Lundberg S 9937, 46930
Lundberg W O 44662, 54702, 62898
Lundblad G 76085
Lundblad K 1391, 2791, 14289, 22018, 39108, 56869, 74504, 74606, 74921, 91200, 91317, 91515
Lundblad O 34186, 68618, 68668, 68669
Lunde R N 8261
Lunde T 42992
Lundegårdh H 73334
Lundell C L 80833
Lunden A P 571, 2220
Lunder R 16404, 24515, 24580, 34049

	Item
Lunder R	34050
	34072
	43325
	95213
Lunderville J P	14917
Lundgren H P	8499
Lundh A	11349
	11478
	28654
Lundie A E	34051
	34052
	60703
	77448
	77449
Lundin H	7434
	35529
Lundin P G	44346
Lundquist N S	75781
	76329
	76353
	84206
Lundqvist A	77869
Lundqvist E	41103
Lundqvist G	56029
Lundsten T	30780
Lundstrom F O	66699
Lundy G	37724
	46105
	46589
Lundy H W	58310
Luner P	22734
Lungo A del	10437
	47835
Lunham E A	22498
Luni H N	18782
Lunin M T	66371
Lüninck Freiherr von	3346
Lüninck H Freiherr von	53393
Lüning K G	6511
	6543
	52509
	52548
	52549
Lunn W A	20682
Lunning M R	11056
Lunt O R	82674
	91318
Lunz	14612
Luomala K	72348
Luopa W Jr	30685
Luostarinen K	82400
Luostarinen P	35042
	35076
	86403
Luoto L	51229
Luperti A R	80497
Luporl N	1212
Luppi M	8513
Luppino P	9817
Luppova V P	56741
Lupton F G H	47472
Luque J A	1822
	1823
	1824
	12383
	13107
	20988
	20989
	21723
	26955
Luque J A	30098
	39892
	40763
	48861
	48862
	48863
	58441
	65468
	73876
Luque J M S	15688
	67673
	92626
Luque E J A	90681
Luque F G	42687
Luque Lobos J A	40814
	40815
	49903
	66537
	74429
	74760
	91425
Lur'e I G	90637
Lürzer F	14643
Lusanandana B	73106
Luscombe H M	88289
Luscombe T R	78663
Lusena C V	18422
Lush J L	15040
	41996
	51003
	83706
Lush P A	81433
Lush R H	42071
	76197
	76235
	91462
Lushchikova A V	57269
Lusis E	1763
	20344
	25003
	65434
Lusk J W	59593
	76220
Lusk M	56065
	96222
Lusk M S	56064
Lusk W C	55447
Luslac J	17254
Lust M	79021
Lusten R	39822
Lustig E	40345
Lustig J	13012
Lustig Y	82864
Lut F	20569
Lutes J S	5558
Lütge K	10115
	27514
Luther H	56657
	78680
Luther H G	15221
	59888
	60430
	80663
	84574
Luther W	59820
Lüthge E	86960
Lüthgens M	92006
Lüthi H	18328
	25728
	25828
	62466
	87374
	87493
Lüthi P	77450
Luthin J N	58442
Luthin R H	38224
Lüthje A	96056
Lutikov I	90456
Lütje F	4118
	22958
	51979
	67654
	75899
	92313
Lutman A S	63087
Lutnicki W	22959
	93263
Lutscher A M	49974
Lutsenko M	94906
Lutskii IA Z	83773
Lutsky I I	23950
Lüttel A	10116
Luttrell E S	64474
	81260
Luttropp H	9605
Lutz B	7314
	33425
Lutz H	57023
Lutz H H	4897
	42370
Lutz H J	21536
	39109
Lutz J	16498
	77451
	77452
Lutz J F	41491
Lutz J M	2221
	18258
Lutz R	16105
	18108
	96138
Lutz R N	55908
Lutz-Ostertag Y	15853
	33304
Luvisi F P	75645
Luvisi G W	40295
Lux E	80498
Luxem K P	91611
Luxemburg Admin des Eaux et Forêts	83250
Luxembourg Off de la Statistique Générale	71445
Luxich F	88062
Luxton H W B	63582
Luxwolda W	36611
Luyet B J	39105
Luyken E	94961
Luyken R	11131
	38090
	89020
Luyten K	7504
Luz N K	72714
Luz Filho F	9818
	9819
	17603
	19429
	28082
	46106
	63247
	63401
	63802
	63803
	71970
	88363
	88712
	88884
Luzhnova M I	90121
Luzuriaga E R de	18783
	27138
Luzzio A J	23951
L'vifsyn A F	32641
	59209
L'vov N	37508
L'vov S D	12384
	29318
Lyall H	56497
Lyall H G	21131
Lyamungu Moshi Coffee Research and Experimental Station	91118
Lyberg A L	7558
Lyberg B	75606
Lydon R	78393
	92547
Lyerly P J	20633
	20634
	49135
	82818
Lyet J P	20683
Lykke L	3487
Lykken T	14407
Lykov A V	21500
Lyle C	85365
	93441
Lyle J A	38590
Lyle N I	60679
	68561
Lyle S P	87233
Lyman C M	41756
	67647
	67991
	79596
Lyman F E	6581
Lyman J	54205
Lyman J W	33084
Lyman O H	48624
Lyman P L	26289
	45545
Lymester J	55074
Lyna A L	31642
Lynas K H	17536
Lynch A R	95330
Lynch C	8262
	14808
Lynch D G	58747
Lynch D L	66204
Lynch D W	20345
	20396
	91837
Lynch F	88885
Lynch G R	17634
Lynch J B	9256
Lynch J R	13311
Lynch L D	67234
Lynch P B	13956
	21673
	47998
	49689
	66372
	73579
	74286
	90377
Lynch R S	20256
Lynch S J	65390
	65391
	73786
Lynch V	64710
Lynch V H	20277
Lynd J Q	11387
Lynde L A	46736
Lyness W E	57092
Lynge B	11259
Lyngnes R	16591
Lynn C J	92458
Lynn D C	88225
Lynn H W	11479
Lyon A G	28545
	74182
Lyon A V	2581
	2682
	13013
	21724
	30985
	58293
	65392
	66373
	82190
Lyon F H	52805
Lyon H G	53800
Lyon M	4944
Lyon R O	63985
Lyon T L	74413
Lyons C	94196
Lyons C P	58885
Lyons E S	30986
	58294
Lyons F H	50501
Lyons J	42174
	62029
Lyons W E	57725
	65675
Lysebråte K	53372
	53373
	91046
Lysenko M L	22131
Lysenko T D	22155
	48488
	75328
	91838
Lyshko G	34957
Lysikov V N	39516
Lysogorov V I	50745
Lysov A M	33535
	33536
	33564
Lyssenko M G	29856
Lythgoe H C	69999
Lytle R G	44871
Lyzhin I	46452
Lyzin A A	49690
	58295
	58296
Ma P T	12379
	28910
	39617
	89457
Ma R H	20227
Ma S C	16106
Ma T	75717
Ma T H	38923
	38924
	89843
Maag R	22565
	24399
	24400
	68433
	68434
Maagendans H G	16407
Maan W J	7230
	11677
	61128
	72932
	77241
Maár A	61367
Maarleveld G C	82749
Maarsingh R A	67883
Maartmann K	14502

	Item
Maas A	68335
Maas C	40692
Maas D v d	51488
	59950
Maas K	90833
Maas M J	10984
	19489
Maass A	31122
Maass H	79347
Maass H J	60226
	76704
Maass O	75607
	83616
Maass R J M	26451
Maastricht Netherlands Rijksland-bouwproef-station	40928
Maatalouskerholiittoo	37955
Mabbun P N	37113
Mabesa C	75652
Mabry D B	32018
Maby A C	54991
McAbee M L	63115
McAda W E	76337
McAdams L	11057
McAdams W N	78313
McAfee T E	29591
	39363
Macagno L	41662
McAlear J M	14918
MacAlevy G L	20457
McAlister E E	1392
McAlister H J	5962
	33865
	77219
MacAllistair J G	91709
McAllister D G	43593
	49175
McAllister D R	90252
	90397
McAllister J S V	66374
	66375
McAllister W T	9543
	42791
	42792
	45866
MacAloney J H	5946
McAlpin D M	38591
	91008
McAlpin R	12786
McAlpine J F	16216
Macan T T	52599
McAnally J N	8793
	18267
	79409
McAnulty E G	6394
Macapagal R N	84823
McArdle A A	15903
	15904
	33110
	51668
McArdle F J	86660
McArthur A T G	67565
McArthur D N	74414
McArthur J	16775
McArthur J A	3759
McArthur W C	49904
MacArthur-Hespe G W F M	57554
McArton A W	71728
McAtee W L	11260
Macaulay Institute for Soil Research	66096
McAuliff J L	23327
	42175
McAuliffe J D	15095
McAuliffe W S	9274
	18558
	70854
McBarron E J	22960
	59683
MacBean A P	3347
MacBrayer M L	6723
McBride B H	28231
	45652
	47004
McBride C G	8175
McBride G	33151
	33152
	42543
MacBride J F	11480
McBryde L C	63906
McCadden H M	57726
McCaffray T E	44588
McCaffrey D R	31943
	50456
	58949
	67066
McCaffrey G	7782
	22428
	54963
McCaffrey J L	37348
McCahan C G	93205
McCaig A N	4789
McCall E R	9051
McCall G L	57962
	91047
McCall J	5387
McCall J D	74860
McCall J T	42704
	76797
McCall T M	74683
McCalla P D	12931
McCalla T M	66195
McCallam J A	59340
	87779
McCallan S E A	11844
McCalley R W	61230
McCallister K J	25671
	44509
McCallum G E	86596
	86998
McCallum J W	76394
McCallum P	44264
McCallum S G	19172
	19173
McCampbell F H	44872
McCann D L	62114
McCann F V	68756
McCann J M	73416
McCann L P	19767
	39426
McCann P J	92314
Maccanti M	333
	418
	453
	11842
	47467
Maccario G	82401
McCarslaw R	19119
McCarthy D	32545
	59492
	92459
McCarthy D S	40058
MacCarthy H R	5465
McCarthy K R	83251
McCarthy T	85388
McCartney H K	76132
McCartney M G	5158
	33305
McCarty C D	72709
McCaskie G T	41455
McCaskill L W	80769
McCaslin W C	79597
McCauley W E	6059
	93533
McCay C M	63901
	72104
	77082
	89027
McClain E B	53724
	69877
McClain R L	550
	72872
McClarren H	46680
	46827
	46828
	71860
McClarren J K	51119
	83894
McClary C F	23758
	60062
McClary D O	64792
McClaskey G D	60227
McClay D R	27991
	86314
McClean A P D	572
	54563
McClean J N	55248
McCleary G	43079
McCleary W E	39777
McClellan D B	87662
McClellan E R	19347
McClellan J A	30807
McClellan J C	22156
McClellan L N	91426
McClellan S	34625
McClellan W D	19928
	38592
	47405
	89627
McClelland F E Jr	85579
McClelland J B	55646
McClelland R B	84524
	85579
McClendon J H	48173
McClennan M L	45425
	81781
McClintock B	73064
McClintock E	21132
	74024
McClintock F E	9161
McClintock J O	61743
	79598
McClintock L D	32961
McClintock M	79022
	79143
McCloy J	36394
McClung W N	71725
McClure B	27019
McClure E B	49019
McClure J G K	96057
McClure J W	14726
	22603
McClure S W	36516
McClure T J	92627
McClurg B R	79749
McClurkin A W	23328
McClymonds A E	3062
	14193
	40816
	40879
	57270
	74761
McClymont G L	22830
	41727
	41845
	42926
	59684
	83774
McColl B J	32092
McCollam M E	12787
McCollister D D	85461
McColloch L P	26607
	87415
	89628
McColloch R J	70643
	87487
McCollough J L	3687
	22658
	32056
	41510
McCollum E V	11058
	72105
McCollum W H	15822
	15823
	23637
McColly H F	25375
McColm E M	71080
McComas E W	23261
McComb A L	3395
McComb D	85658
McComb E A	45535
	70537
McComb J	87234
McCombie V	60161
McConachie J D	33169
McConaghy S	66375
McCone W C	84203
McConnachie E W	60115
McConnell E S	36802
McConnell H G	62791
McConnell J D	5079
McConnell J E W	35390
McConnell N C	22689
McConnell O E	40548
	40880
McConnell R J	26386
	87235
McConnell R W	51392
McCord A K	17229
McCord F A	54131
	70419
	70420
	87236
McCord G A	70644
McCordic M P	61663
McCorkle J B	84100
McCorkle J S	82022
McCorkle L	25986
	79138
McCormac C	49975
McCormack A V	88370
MacCormack E	17674
McCormack J F	66854
McCormack W W	83274
McCormick C J	10213
	10305
	10501
	10735
	10897
	11180
	19430
	26704
	27515
	27581
	27643
McCormick C J	37349
	37350
	37351
	37352
	37353
	37354
	37355
	46293
	46294
	46295
	46296
	46297
	46298
	46342
	53394
	55249
	55250
	55251
	55252
	55253
	55254
	55393
	63402
	63403
	63404
	63405
	74861
	78664
	80186
	80187
	86530
	88371
	88372
	95731
	95732
	95733
	95734
McCormick W	49287
McCormick W C	77083
McCorquodale A	45546
McCourtney E J	18650
	36741
	54744
McCoward D J	79442
McCoy C E	68670
McCoy J H	54525
McCoy J M	70814
McCoy R H	72106
McCoy T A	12385
	29214
McCoy W W	45398
	62571
	62572
	70612
	79461
	87458
	95091
McCrackan M	80889
McCracken E	34943
	44611
MacCracken R	55075
McCraney R J	78830
McCraw W E	50427
	75432
	83497
	91961
	91962
McCready C C	64758
McCready R M	70537
MacCreary D	38577
	43577
	43594
	68972
McCreery R A	21480
	21735
	40425

	Item
McCrindle J M	54856
McCrory S A	11845
	91373
McCroskey R M	32798
McCrossan J A Jr	70419
McCrum W R	23505
McCubbin W A	39078
McCuistion W R	93013
McCuistion W R L	15955
Mc Culley R D	41188
	74996
McCulloch A C	45867
McCulloch R	10117
	27644
	58443
	88495
McCullough F S	68062
McCullough H A	89782
McCullough M	75782
	76198
McCullough M E	67566
	73580
McCullough N B	9349
McCullough R G	82402
McCullough W B	26705
	62399
	63406
McCullough W E	42068
McCullough W F	15360
McCully A	2021
	21133
	21146
	82403
McCully B H	44199
McCully R	25822
McCully W G	56153
	66939
	74264
	74287
	94380
McCune G E	46864
McCune S	10548
McCunn J	5063
McCurley G	84046
McCutchen J H	44259
McCutcheon J W	36727
McDade E	72988
McDaniel E	41604
McDaniel J C	57460
	65486
McDaniel W E	7582
MacDaniels L H	2022
	12175
	12977
	13133
	36136
	48892
	58520
	74025
McDermid J	66538
McDermid J T	57076
McDermott B T	61073
McDermott F A	60853
McDermott G N	45974
MacDermott P S	8715
	8716
McDiarmid A	23380
	42176
MacDiarmid F E	38169
McDiarmid J S	75396
McDiarmid N I	2023
M'Dole G R	3769
McDonald A	55255
MacDonald A G	74997
MacDonald A J	15905
	37956
MacDonald A M	67537
McDonald A N C	25436
	78550
McDonald A W	62442
MacDonald C	25488
	42957
	52261
McDonald C W	23250
	32257
McDonald D J	24834
MacDonald D K	43948
MacDonald D L	28344
MacDonald D W	8634
	11388
	86578
McDonald E D	29743
McDonald E J	36932
Macdonald E M	85580
McDonald F	38225
	86474
MacDonald F J	25996
McDonald G	7583
	68487
	93922
McDonald H	5884
	68833
MacDonald H A	20264
McDonald I R C	83661
McDonald I W	59210
MacDonald J A	28694
MacDonald J D	42544
McDonald J K	14983
	28307
	50489
MacDonald L	27047
	46406
McDonald L E	42177
	85023
McDonald L J	3063
McDonald M	46709
MacDonald M A	23329
	32744
	59685
MacDonald M D	22619
McDonald M H	95807
MacDonald R	16134
MacDonald R E	80890
MacDonald R H	45868
	88496
McDonald R J	76086
McDonald T	14543
McDonald W A	45022
	82929
Macdonald College	94777
MacDonnell L R	9525
	27020
	79848
McDonough E S	68757
M'Dougal A R	80287
MacDougall D	48174
MacDougall T	11481
McDougall W A	5963
	34525
MacDougall W B	19832
MacDougall W G	36517
McDougle H C	42713
McDowall F H	17984
	17985
	35762
	35828
	62068
McDowall W T	70421
McDowell A	88918
McDowell A K R	35762
McDowell A M	95100
McDowell C J	36395
MacDowell L G	54206
	87326
McDuff I H	74288
McDuffee C A	70036
McDuffie W C	43587
McDunnough J H	34605
	61219
Mace A T	37356
	46540
Mace D	52973
Mace H	57271
	77453
	93619
MacEachern N G	25672
Macedo A P de	57727
Macedo J N	67496
	92628
Macedo J N de	16096
Macedo L R T de	4119
Macedo M F L	59221
Macedo P T de	48362
Macek J	48788
McElrath H B	4877
McElrath H B Jr	84513
McElroy J J	19348
McElroy L F	66906
McElroy L W	77067
McElroy W D	64683
	77744
McElvare R R	60512
McElveen J V	10118
	46407
McElwee E W	29319
	39110
McEnge F J	63902
McEnroe W	68376
McEntee K	15427
	15603
	84336
Macer-Wright D	52115
Maceren F	83252
McEvoy J P	69702
MacEwan G	9211
	18784
	19490
	25595
	41663
	42605
	45950
	50673
	50746
	51230
	59156
	70796
	76087
	76459
	83775
	84455
	90378
	92215
	92315
	92460
MacEwan J W G	59426
McEwen	19030
McEwen D M	64537
M'Ewen E	61329
McEwen F L	94109
McEwen J	18510
McEwen J M	83617
Macey A	45547
McFadden A J	27423
McFadden D E	19573
McFadden E S	39364
McFadden M	36581
McFadden W D	18109
Macfadyen A	85323
McFadyen J	44399
McFadzien J	34053
	77454
McFall J R	37357
	71338
McFarlan P J	46336
	80288
McFarland E F	39422
	81485
McFarland G C	68758
McFarland N L	10306
MacFarlane C	40346
McFarlane D	67377
	67655
McFarlane D F	76338
MacFarlane E W E	47999
McFarlane G C	8635
	36566
	36120
MacFarlane I	35644
	53725
	62030
	74482
Macfarlane J C	84011
	84456
McFarlane J S	20762
McFarlane W K	17508
McFarlin C	7405
McFeely B	36183
McFeely H F	8761
McGaha M	79410
McGahen J W	12209
	23189
McGarry W L	69166
	77022
McGaughey C A	24171
	42371
	50865
McGavack J	29377
McGee L C	77306
McGee W R	4995
	15682
	15693
	42474
	51489
	59951
McGeorge W T	58214
	58215
	91201
McGhee J	27021
McGhee R B	60162
McGhie A T	88886
McGhie A T S	88803
McGibbon W H	5130
	9505
McGibney I	47084
	47085
McGill A	94962
McGill A C	87947
McGill D P	29548
McGill E	65676
McGilliard A D	76339
McGillivray A	75676
MacGillivray G C	37358
MacGillivray J H	2948
	63944
McGillivray K D	51582
	60228
MacGillivray M E	52652
McGillivray W A	5683
	16012
	51120
	64893
McGinnies W G	21725
McGinnis J	23811
	23849
	23850
	23851
	23852
	33213
	33243
	42596
	42606
	42607
	42608
	51583
	60061
	60062
	60090
	68012
	76747
	76763
	92973
	93033
McGinnis K B	66737
McGinnis P J	84679
McGinnis R A	27100
McGinnis R C	47776
McGinnis R J	64927
	95926
McGladrey W J	18695
McGlasson E D	7975
	8263
	17980
	26147
	26148
	76178
McGlothlin W J	41030
McGloughlin F	74455
McGlynn G H	61950
McGonagle M P	81706
McGough M L	95942
McGovern J H	80934
McGovern J N	59070
	67161
McGovern P	6209
McGowan G R	15450
McGowin E M	75374
McGowin J F	83286
McGrath J T	4898
McGrath J V	20935
	39823
McGraw E L	63728
McGregor C J	73481
	87237
MacGregor D R	66539
McGregor E A	77633
MacGregor H D	51121
	54574
MacGregor H I	23853
	23895
	23994
MacGregor I A	85389
MacGregor J J	3348
	3632
	14383
	14384
	50128
	50129
	75072
McGregor J K	5346
	33306
	42688

	Item
MacGregor J M	34931
	58297
	74607
	74608
Mac Gregor L R	93974
McGregor R L	89410
McGregor S E	24581
	52262
	93620
	93675
McGregor S M	56926
	81706
McGregor W G	29470
	57355
McGrew C D	67497
McGuckian A A	5738
McGuire H P	53480
McGuire J R	14433
	91671
McGuire T F	4931
McGuire W C	23952
	76815
	76816
	84886
McGurk J L	27439
	55090
	55581
	86307
Machacek J E	48298
	56870
	64475
Machado A	614
	2472
	12545
	12546
	85581
Machado A da C	3349
Machado A V	4646
Machado C	66830
Machado J A	96157
Machado L de B	85088
Machado O X de B	47174
Machado P da S	76668
Machado P M	72072
Machado S A	21451
	82865
Machado S S	45548
	95876
McHale W L	75608
McHard D	1372
	29744
McHardy D N	43994
	44200
	53114
	69113
	86354
M'Hardy G	54628
McHardy J L	8514
	24119
McHardy J W	68562
McHardy L J	19120
McHardy W M	60796
Machata F	78665
Machavariani M Z	40515
Mchedlishvili P A	38365
	47175
Machell E F	67162
	75609
McHenry P	43817
McHenry S	53262
Macher F	3642
	31839
	75414
Macherauch O	20990
Machida H	30972
Machlin L J	33214
	33215
	51628
	51635
	67291
	68013
Macht A	1393
	64928
	90379
Machtin D	26024
McHugh T	11181
Machwirth O	6998
	8878
	31305
	61648
	88024
MacIlraith J J	23890
McIlrath W	92461
McIlrath W J	56871
	73141
	81906
	91048
McIlroy R J	29471
	75651
McIlvain E H	65217
McIndoe W C	3710
McInnes D W	37602
	71638
McIntire F C	15956
McIntire J M	17987
McIntire R	46679
MacIntire W H	58106
McIntosh A	84887
McIntosh A H	6060
	33935
McIntosh D C	14919
	83494
McIntosh J P	46681
McIntosh O	93114
McIntosh O O	42072
	51122
	59579
McIntosh R A	43080
	67911
McIntosh T	13485
M'Intosh T P	11678
	40212
McIntyre A C	3770
	74680
	74681
McIntyre C B	52082
	93754
McIntyre C T	6862
McIntyre D	36518
McIntyre R T	62069
MacIntyre T M	15789
McIntyre W E	73657
McIntyre W I M	51401
Macior W A	20167
McIver J	79290
	80796
	80797
MacIver W J	79599
McIver W L	5169
	7315
	15906
	18696
	24042
	24043
	51708
McIvor G H	87622
McJunkin M C	63729
Mack	52263
Mack B	47777
Mack C H	36728
Mack F	77455
Mack G L	428
	16216
Mack J J	32184
	32185
	50645
Mack M	67751
Mack P B	19540
	20387
McKain W C Jr	37142
	71770
	80086
Mackaness F G	49020
MacKay A A	84888
McKay A D	37359
MacKay A M	67567
McKay D	2949
McKay D H	9854
	37360
McKay F	60167
McKay G R	59427
McKay H C	65000
MacKay I A	68502
Mackay J H E	28911
	28912
MacKay J W	27063
	38033
	57024
	82023
McKay K G	22961
	23330
	32745
McKay K U	71861
MacKay M R	6804
	94110
McKay R	81261
Mackay R L	71287
McKay W	15790
	76748
McKay W M	33307
	51929
	60091
Mackay W S S	82625
McKean A S	31532
	69251
McKean W T	11164
McKee A P	76357
McKee B	46682
McKee C	27516
McKee E L	83776
McKee H S	72580
McKee I	7783
	7784
McKee J E	58079
McKee J G	57272
McKee K L	37957
McKee R G	50375
McKee R K	56500
McKee W F	32093
	41547
McKeehen J E	4647
McKeen C	47343
McKeen C D	11846
	23913
McKeen W E	11847
	47519
	56406
	56407
	64476
McKeever I A	83096
Mackel D C	84513
McKellar E K	23230
	32642
McKelvey J J	16592
McKendree W F	7231
	7232
	61633
McKendrick M H	95044
McKenna C T	42609
	61307
McKenna P J	20806
	29894
	39672
	48671
	65298
	82404
McKennon F	20807
	52773
	72294
McKennon W	61951
McKenny M	57853
Mackensen O	6268
	16434
	24582
	24621
	24622
	52306
	60730
	93621
Mackenzie A	54626
	54627
MacKenzie A J	30781
MacKenzie A M	30289
	37509
McKenzie B A	7386
McKenzie D A	7932
	25974
	86204
McKenzie D W	334
	12386
McKenzie F F	15957
McKenzie H L	52653
	77932
MacKenzie J M	9052
Mackenzie J M D	50364
MacKenzie K	32643
Mackenzie K E	54992
MacKenzie N	9938
MacKenzie P K	7905
	8264
	26053
	26193
	35645
	44767
	62229
	71131
MacKenzie P Z	34352
McKenzie R E	1394
	12788
Mackenzie R M	20458
McKenzie R T	7906
McKenzie S	25935
McKenzie W A	22338
	92316
McKenzie W M	82932
McKeon B F	20684
McKeown C B	71089
McKeown K	68377
McKeown K C	34255
	43460
	68671
	77745
	93779
	93780
McKeown R F	17438
McKercher D G	4899
	51402
	60359
	85024
McKergow P R W	80346
Mackerras I M	6602
	43124
McKerrow G W	53830
	70123
Mackey D R	76340
Mac Key J	905
	89570
	39310
Mackey J H	94786
McKey-Fender D	34256
McKibben E G	53160
	53197
	86355
McKibben G E	29606
	29608
McKibbin J M	4853
Mackie F D	7378
Mackie G Y	52974
Mackie J	37510
	37511
	46408
Mackie R W	48000
Mackie W B C	19174
McKillican M E	29470
McKinlay K S	6061
	6367
MacKinney G	20213
	54317
	29169
	73335
McKinney H H	12006
	12007
	64564
	80896
	89708
McKinney J	4120
	37547
	73181
	86163
McKinney R S	13709
	26948
	62932
	79801
McKinney W H	92524
McKinnon A	6648
	61043
McKinnon A D	75083
McKinnon D	22464
MacKinnon D A	23554
MacKinnon M M	93169
McKinsey J P	76545
McKinsey J W	35391
Mackintosh D L	45729
	55948
	70815
Mackintosh G R	7044
	51871
Mackintosh J	8391
	15531
	44768
	84203
McKitrick J L	50001
	78353
McKittrick H G	76893
Macklin H P	5170
	15741
	15742
	23759
	42545
	60084
	67975
	72055
	76705
	84773
	92919

	Item
Mackness R A	62310
Mackney A W	3694
	3703
McKnight D	31281
McKnight H T	59087
McKnight J S	17509
McKnight R V	11182
McKnight T	64477
McKnight T L	50394
Mackoff S	30571
Mackoviack C	5810
	41813
	41814
	41815
Mackrodt H	60035
McKusick H	22339
McLachlan J J	51636
McLachlan K D	40603
	65146
	66376
McLachlan T	69529
Mac Lagan C F	22620
McLane P V	62031
McLane S R Jr	12387
McLain P C	4882
	42372
McLane P V	75397
	78705
McLaren B	47007
McLaren B A	17134
McLaren J B	76197
MacLaren R B	85910
McLarty B H	75978
	94545
McLarty H R	12509
	90138
McLaughlin A L	84101
McLaughlin G	75796
McLaughlin J H	11848
	11911
McLaughlin R	23941
McLaughlin R M	30572
MacLaurin B F	10713
McLaurin J F	87238
McLaurine W M	70422
	94963
MacLaury D W	24007
Maclay M	42648
Maclay W D	12880
	83777
MacLean A B	51231
McLean B C	4121
McLean Mrs C	65710
McLean D M	11183
	11817
	72855
McLean E O	13771
	22007
	49691
	66180
MacLean H	31963
	92068
Maclean I G H	7785
MacLean J A R	44703
	44704
	49357
MacLean J D	41416
MacLean K	38226
MacLean M R	51231
MacLean N A	454
	455
McLean R C	38366
McLean S J	4122
McLearen C S	28083
McLeary G	4123
	4648
	15451
McLees J R	58862
McLenaghen T N	14920
McLeod A	70124
MacLeod A M	90027
	93189
	95179
McLeod D	5622
McLeod D H	4649
MacLeod D J	47640
MacLeod E L	44265
MacLeod F	78745
MacLeod G F	13957
MacLeod J	23589
McLeod J H	5964
	17043
	78255
	94029
MacLeod K A	68191
MacLeod M M	42793
MacLeod P	35764
	44918
Macleod W A	9053
MacLeod W K	83355
McLeod W M	23097
	76341
McLeroy G B	76102
McLintock T F	58697
	75282
	91710
McLister Mrs F	89219
McLoughlin A J	15096
	23060
	93081
McLoughlin N	55159
McLoughry E I	74525
MacLuckie J	11132
Macluskie H	58444
McMahan C A	80361
McMahon C G	74862
McMahon H A	65147
McMahon J	77870
McMahon J P	6544
McMahon M L	8703
	17767
	18830
	18831
	25829
McMahon P R	87258
McManus J A	70075
McManus J J	61799
McManus P J	24454
	60576
McMartin A	1526
	49288
	63116
McMaster P G	66068
	78900
	91119
McMaster R D	6841
MacMasters M	41294
MacMasters M M	18423
	54437
	54491
	79600
McMeekan C P	4545
	5714
	48489
	62815
	68273
McMeekan G B	19121
	46409
	71562
McMeekin T L	53774
	86550
McMichael C E	9456
McMillan C	28559
MacMillan D	36750
	96132
McMillan G	46487
McMillan G A	95808
McMillan J A	19031
	88373
McMillan J R A	37841
McMillan M M	4542
McMillan N	31865
McMillan P	1213
	13958
McMillan R B	18110
	18111
McMillan R T	27304
	88713
MacMillan W	76602
McMillen J M	41395
	50465
	58959
McMillen R D	19032
	53433
McMillen W	28308
	44432
	61728
McMillen W N	51982
	93286
	93287
McMillen Feed Mills	51709
	60229
McMiller P R	66234
McMillin M	46983
	62618
McMinn R G	38865
McMorland P R J	66738
McMullen A I	95427
	95428
	95442
	95443
	95444
	95445
	95460
McMullen C	49106
McMullen H	5472
	68134
	95280
McMullen M J	24986
	68892
McMunn E W	19033
	80188
	88497
MacMurray H D	14921
McMurray S F	12388
	13593
McMurthrie E C	18697
MacNaghten P	11389
MacNair J	67498
	92375
McNall N A	80770
McNall P E	27600
McNally E	8717
McNally E H	27022
	27048
	79882
McNally J A	83498
Macnamara A	3556
McNamara E F	50382
McNamara J J	2369
McNamara R L	27962
McNamara T P	26417
McNamee W S	21633
McNaught K J	47998
	81616
	83150
McNaught M L	4564
	23285
	23331
	76163
MacNaughton M A	27900
MacNay C G	5965
	68397
	77196
McNeal D	9544
	54049
	70329
	79211
	79212
	87148
McNeal X	58981
	87623
McNeel W	10930
McNeel W Jr	85390
McNeely J G	18572
	36582
	36583
	87766
Macneil A	2024
	65677
	90834
McNeil D	71639
	75500
McNeil E	42670
McNeil E H	34651
	69003
McNeill F	5171
MacNeill N	17165
	78263
McNeill W M	75117
McNerney P	85544
McNew G L	11849
	47542
McNichol H L	18592
	32987
	42420
	51432
	67865
McNiven B	60342
McNulty G	33682
	51710
	71102
McNutt S H	84558
	85023
	93264
Macola P	72056
Macos A	92376
McPhail R	62163
MacPherson B W	15743
MacPherson D D	44869
McPherson G K	63512
Macpherson H T	83778
MacPherson J W	33691
	60439
MacPherson M G	39245
McPherson W K	80289
	88498
	95281
McQuade A J	8515
McQuade H A	64633
McQuate J T	24874
McQueen D	75900
McQueen G R	40693
	40817
	40818
	40922
MacQueen R W	49537
McQuilkin W E	3455
	7147
McQuistion W A	76578
McRae H	13594
MacRae J W	74289
	91045
MacRae L	57728
	69463
MacRae N A	66676
Macrae T F	89021
Macrides J	15683
MacRill J R	45341
	87482
Macris C G	25997
McRobert E	49897
	53067
McRostie C W	54272
McRostie G P	48299
	91050
Macrow D	14194
MacRow D	46683
Macself A J	2085
	57415
	49021
McShan W H	5361
	67717
McShane A H	32951
McSpadden C L	76088
McSpadden W W	67853
McSwain E	39481
MacSwain J W	5881
	16589
	16590
	77742
	85909
McVaugh R	28560
	28626
	38460
	89267
McVean D N	64600
	81434
McVeigh I	64793
MacVicar R	76335
MacVicar R M	906
	907
	57273
	77353
MacVicar R W	92564
McVickar D L	59859
McVickar M H	1395
	13959
	13960
	21726
	48300
	49692
	49693
	50042
	56872
	66639
	74609
	83162
MacVoy C M	5602
McWhannell F B	91839
MacWhirter G F	34054
MacWhirter G T	6210
	52318
McWhirter L	39048
McWhorter F P	573
	583
	56597
McWilliams A L	44953
McWilliams J L	57338
McWilliams J S	75677
McWilliams R	67749

	Item
McWilliams R C	42794
	50747
	71446
	73368
	95735
McWilliams R M	33625
Macy E B	3064
	22831
Macy I G	11088
	28186
	63903
Macy P A	75561
Madaluni F	12644
	59088
Madam P	
Madariaga F J	29320
	29321
	48001
Madden A H	16750
Madden B	18112
Madden E A	66377
	74290
	80290
Maddern A G	65469
Maddex R L	44346
	86205
	86475
Maddick H M	59104
Maddison A	96058
Maddock H	51911
	51912
Maddock H M	60413
	60414
	60433
	85152
Maddocks W B	33426
	33427
	60092
Maddux J N	76235
Maddy K H	59245
Mäde A	20808
Madeira A C	4650
Madeira R L	7630
Madeisky U	17439
Madel W	52654
	93781
Mader L	16593
Mäder M	67794
Mäder W	18906
	51490
	52264
Madeuf P	32358
Madge E W	45922
	95446
Madhya Bharat	27518
Madhya Bharat Dept of Economic Intelligence and Statistics	17698
	19034
	86687
Madhya Pradesh Dept of Agriculture	89090
Madia G	87624
Madill S	53198
Madiman S G	19175
	88536
Madliger K	908
Madon P	63117
Madore Sister M R B	28561
Madras Co-operative Central Land Mortgage Bank	71245
Madras Dept of Agriculture	28269
	38170
Madras Off of the Registrar of Co-operative Societies	96059
Madras Presidency Land Revenue Reforms Committee	46165
Madras Public (Economics and Statistics) Dept	7673
	36396
Madras (State) Entomologist	6211
Madras Veterinary College Association	75901
Madrid Seccion de Estadistica	86579
Madsen G C	56154
	89220
Madsen H F	34439
	68805
	68834
Madsen I	4054
Madsen I L	23854
	75783
Madsen J K la C	27258
Madsen L	15744
Madsen L L	16259
	42043
	86206
Madsen M	79665
Madsen P E	41846
Madsen R C	30445
	40213
	49176
	57854
Madsen-Mygdal T	80726
Madson B A	1396
	2792
	38304
Maeda D	50270
Maeda Y	48002
	50252
Maeder C	10985
Maekawa F	89
	143
	700
	29110
	47176
	72989
	72990
Maercks	60944
Maercks H	34353
	68759
Maes E	87625
Maes H	93923
Maessen T	34606
Maestracci P	38034
Maestro Palò F	7786
	17768
	69818
Maevers M	14157
Mafera F	86164
Maffei F	909
Maffi E J	19431
Maffi Q	63669
Maftej I	67139
Magaeva A	21727
Magaeva A D	30987
Magalhães C P de	19833
Magalhães L M	5399
Magalhães M R P D de	94111
Magallanes N	5825
	26853
Magano V dos S	37216
Magar N G	91113
	95112
Mägdefrau K	72295
Magdorf R	34257
	50324
	81163
Magee A C	37247
	49904
	92548
	93148
Magee A I	17324
	48490
Magee C J	38706
	81617
Magee H E	19574
	55933
	89022
Magee R A	39238
Magee W T	43013
Magel L	74026
Magelli E	2870
	92462
Mager L V	65148
Mager M I	35530
Mages L	6212
	77456
	77457
Maggio G di	29322
	81618
	81619
Maghrabi M A B	33308
Magi A O	38746
Magidov G A	83779
	84644
Magie R	2582
	13961
Magie R O	11850
	11851
	11852
	18939
	21134
	57729
	72581
Magill W W	40293
Magin R	41456
Magliano A	4124
	25936
	41664
	59211
	62164
	83707
	83780
	84012
Magliola G	10307
Magnani G	456
	72715
Magnaye A B	57057
Magne F	38506
	64282
	64634
Magness J R	16204
	43182
	48710
Magnetti C	35531
	61952
Magneville A	34932
Magnin J	85854
Magnitskiĭ K P	91319
Magnusson A H	11598
	89459
Magnusson K	82024
Magrane W G	4900
	50866
Magruder J W	31211
Maguire B	144
	11482
	28562
Maguire E H	26706
Maguire J L	61800
Maguire P F	10946
Magura W	28136
Magwood W	76199
Mahadevan K	62933
	87867
Mahadevan P	92463
	92629
Mahadevan T D	60036
Mahadevan V	25062
	68835
	91051
Mahaffay R E	75518
	75519
Mahaffey L	67884
Mahaffey L W	51491
Mahaffy R V	75457
Mahaicony/ Abary Rice Development Scheme	70736
Mahajan L D	19700
Mahajan M R	59212
Mahal G S	18113
Maharg L	45493
Maharg L G	96136
Mahdi M Z	91022
Mahdihassan S	77968
Mahendru I D	14558
	14606
Maher C	61328
	83097
Maheshwari P	38926
	73065
Maheu C F	3592
Maheux G	10119
	19349
	91052
Mahfudi M	13051
Mahl H	35998
	70409
Mahla J	2222
	20809
	40214
Mahle G C	86866
Mahler J E	59105
Mahler O	87626
Mahlke F	3627
Mahlstede J P	56702
Mahmoud A H	59965
Mahmud I	20744
Mahmud K A	457
	11867
	11868
	11909
	13707
	38593
	56533
	72716
	72717
	91120
Mahn H	53907
Mahoney C H	23914
Mahoney H R	37217
Mahood I	3350
	31469
	58818
Mahoney T J	86765
Mahou A	48491
Mahr	61953
Mahr J A	86295
Mahu H	44098
Mai A	60037
Mai S H	70947
Mai W F	38844
	56624
	81353
	89748
	89749
Maia D	7435
	34850
	83098
Maia V M F E	59493
Maĭat A S	34892
Maibach E	16594
Maiberger V	78758
Maĭboroda V I	26393
Maĭchenko Z G	13312
Maidment R	42322
Maier E A	7070
	17300
	17325
	25225
	34780
	49289
Maier H	5473
	60230
Maier H K	4901
	51403
Maier J	24886
	93911
Maier K	6240
	77458
Maier L	87520
Maier P	14408
	14715
	66838
Maier R	80189
Maier W	7045
	90028
Maier-Bode	88786
Maier-Bode F W	8636
	11333
	11679
	19035
	35209
	37042
	37361
	46684
	55256
	55257
	55258
	55591
	56408
	70512
	71447
	71862
	80493
	82741
	88374
Maier-Bode M W	10120
Maierhofer C R	14091
Mail G A	77900
	93873
Maillard F	8516
	70423
Maillard J	85645
Maille M	29449
Maillochon L	39893
Maillot L	6565
	93895
	93896
Maillot R	7233
Mainardi B	23555
	42073
	51123
	59580
	79213
Maine Dept of Agriculture	57855
Div of Animal Industry	42795
Div of Plant Industry	45385

	Item
Maine Forest Commissioner	28563
Maine Forest Serv	31646
	41054
	41055
Maine Gladiolus Society	65678
	65679
Maine Poultry Improvement Association	60231
Maine Technology Experiment Station	19299
Maines W W	24738
	77705
Maingonnat	30099
Mainland G B	41665
Mainoni F	9212
Mains E B	28695
	64684
Mainx F	52550
Mainz E	88787
Maiocco F	9213
	32962
	33516
	42421
	62792
	70797
	76200
Mair L P	63407
	63629
Mair-Waldburg H	69929
Maire P	59341
Maire R	64162
Mais H	78354
Maisenhelder L C	17509
	22340
	41238
Maĭsuradze N I	1701
	29993
	57503
Maisurĭan N	49694
Maitan D	95736
Maitland V K	13738
	14178
	14519
	88685
Maitrejean H	3908
Maits B	15935
	27049
	33216
	45869
	86384
Majdik F	50032
Majer G	26194
Majestic E	17769
Majilton E A	51404
	76546
Majjor D	49905
Major R L	4651
	55394
	76460
Majorelle A	9636
	36882
Majori L	84525
	92768
Majors E	80595
Majumdar A K	62400
Majumdar G P	90
Majumdar R	53
Makar'ev P	37218
Makarevich V M	38893
Makarevskaĭa E A	910
	911
	39111
Makar'in A	26096
	53970
Makarov A	34933
Makarov A P	59213
	75784
Makarov B N	58111
Makarov D A	21501
Makarov F N	41582
Makarov M	39287
Makarov S N	30100
Makarov-Kozhukhov L N	48864
	57597
Makarova M M	83781
Makarova N A	90094
Makarova Z P	58924
Makarychev N T	58819
Makassar Veeartsenikundig Laboratorium	92317
Makeev P A	24646
Makeev V G	77459
Makel G	55683
Mäkelä T O	31866
Makepeace L I	27992
Maker H J	56092
Makevnin A I	40347
Makevnin S G	59773
Makhatadze L B	29323
Makhlonova A	24120
Makhlonova A M	60314
Makhnĭuk R	26069
Makhotin A A	43690
Makhov G G	40549
Makhrov A D	22157
Maki T	34734
Maki T E	50325
	74291
Makino S	42373
Makita N	85179
Makitie O	13788
Makkink G F	21872
	31123
Makkonen A	14727
	34958
	67035
	75458
	91943
Makogon A	27695
Makower B	26576
	70592
Makower R U	70538
	70594
Maksimchuk F	53135
	69308
Maksimenko L D	12465
Maksimov A I	34055
Maksimov A M	33683
Maksimov N A	20346
	48227
	56873
	81620
	89119
Maksimova M P	13052
Maksimovič M	68893
Maku T	50513
	67077
	67209
Mal N	91737
Malacarne F	37725
	63657
Malaco N	13708
Malaga-Alba A	4125
Malaguti G	20024
	20025
	20026
	56534
Malaise V von	81383
Malakhov I	24208
	63321
Malakhov I I	29504
Malakhova V A	48492
Malan A H	48865
	82866
Malan E F	57504
	57598
	65470
Malandrino E	51232
Malashenko P V	90638
Malashkin O	53202
Malassis L	18862
Malavieille R	51472
Malavolta E	7465
	38141
	38142
	49695
	74562
	91202
	91298
Malaya. See Federation of Malaya.	
Malbrant R	87725
Mal'cev T S	49696
Malchenko M	36647
	62865
Mal'chenko V	48625
Malcher J	18329
Malcorps G	7631
Malcuit G	29059
Maldonado A	2583
Maldonado Gil J de D	82565
Maldonado-Koerdell M	64137
	80771
Maleeva A	53099
Maleissye R T Marquis de	51457
Malek A A	43589
Malelu J S	40348
Malençon G	265
	3488
	28696
Malesani E	88609
Malet F	19195
Maletic J T	13595
	13596
	21383
	30573
	44158
Malevich I I	13806
Malfatti D	31075
Malfatti M G	59342
Malgras J	45048
	62070
Malheiro D de M	4902
	15590
Malheiros-Gardé N	29328
Malherbe W D	23500
Malhotra M K C	22341
	41239
Maliani C	73432
Malĭar I F	21452
Malicornet H	13962
Maliepaard C H J	38171
Malik H C	1397
	82025
Malik M I	50950
Malikides O	28084
Malinin K	23061
	51320
Malinin K M	4126
	32359
Malinina P	23441
Malinkin N P	40694
Malinovsky E	5474
Malinowski S	23638
Malis O	55684
Malĭugin T T	58445
Malkames J P Jr	8260
	26195
	26196
Malkani P G	32852
Malkin B	77746
	85659
Malkin B W	7787
	7788
Malkin J	20096
	64565
	82867
Malkin R	7505
Malkki Y	61874
Malla D S	87483
Mallach N	52655
	52656
	56535
Mallah T S	47917
Mallamaire A	11680
Mallard T M	9503
Mallarini J J	42796
Mallea O S	36933
Mallekote L	21280
	28767
	30446
	36277
Mallett J A	73700
Mallik P C	2824
Mallinjoud H M	43672
Mallis A	43530
	43531
	52560
	68760
Mallitskiĭ V A	60318
Mallmann R J de	52488
Mallmann W L	17681
Mallo R C	43529
Mallo R G	5966
	25135
Malloch A C	34959
Malloch P	8879
	38035
Mallory F R	95100
Malmberg T	63986
Malmer N	11539
Malmio B	47207
Malmöhus Läns Hushållningssällskap	23170
	89091
	96178
Malmöhus Läns Skogs- och Betesvardsförening	31567
	83205
Malmonté	21281
Malmquist W A	41808
	92279
Malmström C	37717
Malmstrom I L	59117
Malmus	21728
	81806
Malmus N	52461
	52462
	81262
	93782
Malmus R	89629
Malogolowkin C	52551
	77871
Malomakhova T A	91214
Malone C C	10121
	27519
	55259
	88376
Malone P E	80500
Maloney J W	50541
Maloney M	21772
Maloney P L	24209
Malpress F H	42941
Malquori A	82675
	82704
Malsberger H J	41056
	41068
Malsch F W	41057
Malsch L	26590
Malta Central Off of Statistics	25756
Malta Campos R	10122
Maltabar L M	30101
Maltabar V M	25830
	35532
	35533
	35534
	78901
Maltais J B	93975
Maltais L J	95394
Malterre J	23212
	83782
Maltha D J	55260
	71448
Maltha P	5967
Maltschewsky N	58151
Mal'tsev K	63322
Mal'tsev T S	2793
Mal'tseva M A	69819
Mal'tseva V	37204
Maluck P	10740
Malushko V	25937
	45023
Malý K	80999
	82221
Maly R	47778
Malynich V I	92046
Malyoth E	18476
Malyshev A A	90029
Malyshev I	37363
Malyshev L A	49177
Malysheva E	26197
	44972
Malysheva E I	33785
Mamaev P V	95665
Mamay S H	38332
	56155
Mamchenkov I	40970
	50063
Mamedŭarov S G	32453
Mamedov G	70855
Mamer L	69486
Mamisao J P	14195
	30836
	66238
Mamontov V	25938
Mamontova A N	47543
Mampri O A	83301
Mamprim O A	41058
Mamul' ĭA V	12370
	90016
Man E B	51252
Man J C de	41728
Man T J de	15085
Manabe T	49504
	50359
Manabí Ecuador Consorcio de Centros Agrícolas	71863
	88887
Manabí Ecuador Estación Experimental Agrícola	38305
Manaenkov P	94856
Manakov I D	23691
	33049
	51458
Manaresi A	52265
Manaresi C	75902
Manarte M	89864

Manas A M 38036
Manceau 13709
Manchester A W 37603
Manchester H 82676
Manchester University 37604
Agricultural Economics Dept 71640 88578 88579
Mancini 69021
Mancini A 55685 83896
Mancini E 47836 47837
Mancini M 62032
Mancuso P C 4456
Mandal G C 19350
Mandel A 51637
Mandel J 62820
Mandel J D 28972
Mandel'shtam L 88495
Mandelson L F 8663 18221
Mändl B 87627
Mandl K 93335
Mandorfer 88377
Mandoul R 16777 85811
Mändy G 23111 56874
Mane 63278
Maneely R B 42475 92630
Manefield T 34525 61016
Manell E 21729
Manenti A 2223
Maner T 71864
Manerberger A 36658
Manetti C 71865
Manfred O 91203
Manfredi E 35134
Mang J 32019 75531
Mangano G 31124 49906 54132 58446
Mangel M 96136 96138
Mangelsdorf A J 48626 81488
Mangelsdorf P C 9054 12645 20203 29571 64136 81489
Mangelson F 60133
Mangelson F L 59551
Mangenot G 11483 38461
Manger J E 18114
Mangham H J 8517
Manghisi T 72199
Mangiavacchi S 57461
Mangler J 70243
Mangum C S 95908
Mangus H D 5347 5475 51638 51711 51712 51713 76894 93082
Manhardt V G 86230
Mani N S 63685
Maniatakis I 92845
Manier J F 34208 77651
Manigault P 64794
Manil P 49467
Manin I N 90380
Manin K 61460
Manin V A 22284
Manio M M 74183
Manion J P 75610
Manis W E 11663
Manitoba Agronomists 73369
Manitoba Dept of Agriculture and Immigration 44629 57114 57794 57921 57992 57993 60175 60577 61507 62230
Co-operative Serv Br 37958
Manitoba Dept of Mines and Natural Resources 46410
Manjrekar S L 51826
Mankad Y S 19158 71688
Manke J 43818
Mankiewicz E 59483
Mankin J D 5968
Man'ko N F 20811
Manks D S 83206
Manley L 43353 52266
Manley R O B 13313 40059 57796 65680 65681 65682 66462 90835
Manley T R 24401
Manlio Castillo L 92846
Manly P 31352 50271 50272
Mann 56403 65435
Mann A J 21453
Mann C E T 62818
Mann C W 62820 70817 79699
Mann D 1398 5863 15364 16036 17478 17842 22832 64091 79601 83897
Mann D H 1399 1400 2950 6999 7123 17255 17240 20496 27645 29938 36397 42901 45285 45549 45870 49178 56093 58447 58448 72230
Mann G 9257 42476 84612
Mann H D 53865
Mann H H 57963 66686
Mann H L 1401 3370
Mann J 87999 95240
Mann J M 27900
Mann K H 5348
Mann L B 7632 18698 44589
Mann L K 72991 74367
Mann M D Jr 13314
Mann M G 45207
Mann P H 76547 84526 84527 92750
Mann P J G 2570 29466 48003
Mann R 75073 84102
Mann R H 83540
Mann T 24299
Mann W F Jr 14503 41202 41203 75283
Mann W N 5559
Manna G K 17130 77969
Manna S N 76342
Mannbro N 3711 3712 92101
Mannelli G 74926
Mannerhult E 50190
Mannering R 33428
Manners J G 81107
Mannes 39365 50019 65149
Mannes F 88955
Mannheims 52552
Mannheims B J 68753
Manning B 95121
Manning G 8157
Manning H L 1292
Manning L 912 29895
Manning M C 22922 67677
Manning P A 80347
Manning S A 7789 25831 25832 25833 44705 86766 94665
Manning T W 19432 28078
Manning W E 56226
Manning W J 8498
Manning W K 23854
Manninger R 5587 5826 84680
Mannini P 65393
Mannozzi 22106
Torini L 75074
Manns S 9275
Manogue B 45166
Manoilenko A P 68274 84613
Manokhin P A 78416
Manor J 25295
Manov A A 63551
Manowitz B 35392 44590
Manradiar N N S 59774
Manresa O A 25539
Mans F 60704
Mansbach 21282
Manschot J J 27993
Mansell R 14792 22556
Manser E 5349 51639
Mansfield T C 21135
Mansfield W S 10308
Mansfield W W 87239
Mansholt S L 26290 37364 46299 71971
Mansi W 42374
Mansingh B 96030
Mansjoer M 5337 5350 5351 43074 92631 93014 93015 93016
Manskaja S M 89119
Manso F 41647
Manso Soto A E 34187 34472
Manson 53297
Manson G F 24348 77747
Manson P W 35122
Manson-Bahr Sir P 68796
Månsson E 1107 11853 12634 48228 61461
Månsson H 75118 75186 75250
Mantel 14434 38227
Mantel K 33217 42797 50152 91567
Mantel W 3351 14504 31643
Manter O D 45716
Manthei C A 4652 23276 59686 93271
Manthey A R 14315
Manthey H H 86296
Manthey U 79023
Mantle P D 62997
Manto S 4235
Manton I 12158 20168 38927 81435
Manton S M 72245
Mantovani A 15141
Mantovani G 42689
Mantovani M 87780
Mantovani S 13773
Mantrova E 74610
Mantsevich D I 31644
Mantz J J C 19541
Manucharov A B 23129
Manuel M L 87509
Manuell F 53374 78694
Manuelli R 51714
Manunta G 4918 15836 84824 93017
Manville R H 12083 38409
Manvilli V 74611
Manwell R D 42690 84889
Many H G 79234
Manzano A 27860
Manzer F E 89734
Manzhos A M 89846
Manzhos M D 32387
Manzini P 37163
Manzino G 37668
Manzfuk A K 31720
Manzoni G 52657
Mao S S 27139
Maoli G 92464
Mapa P L 38037
Mapes C R 16013 42958 68248 85113 85114
Mapother H R 16290
Mappes F 21730
Mapson L W 12519 12536 62533 70620
Maqsood M 5684 83898
Mar C 3808
Marababol V R 41005
Marady H 48229
Maragliano Junior 19351
Marais E 2370 91054
Marais J G 87494
Marais J S C 54929 91320
Marais P G 26591 36278
Marakhtanov K 86266
Maramba F D 80190
Maramorosch K 24918 38813 38814 39112 43673

	Item
Mafan B	14674
	49290
Maranan A A	13486
	21949
	54575
	71563
Marangon A	92465
Marani C	27279
	27280
	55031
	80040
	88641
	95621
Marasquelle H J	56030
Marassi A	11334
	20685
Marathe M R	42178
Maravalhas N	12389
Marbach W	73433
	86296
Marble D R	33429
Marbut C F	49506
Marcarino M	63630
Marcel M	58298
Marcelle H	72296
Marcello A	47256
	47712
	48004
	81384
Marcelo H B	22285
	41141
Marcelo S S	79953
	88063
Marcenac	67378
	75903
Marcenac N	5064
	42477
	59343
Marceron	86767
Marceron M	1825
	44708
Marcet A F	89268
Marcet E	20936
	64795
March B	5216
	33218
	92945
March B E	42572
	60163
March E	47093
March E W	3279
March H W	75549
March R B	52553
	77307
Marchal	65245
Marchal E	11261
Marchal H	7000
Marchal J G	78149
Marchan F	3933
Marchan F J	4505
Marchand	78598
Marchand J F	77308
Marchand M	5776
	58600
Marchand R	29589
Marchand S le	78150
Marchandise F	13315
Marchant W	55395
	80438
Marchbank D F	64869
Marchenko I I	57274
Marchesi J M	26707
	66540
	90253
Marchettano E	37669
	95998
Marchi A de	24583
Marchi R de	16408
	24584
	60705
Marchi V	56658
	56659
Marchionatto J B	47406
	52116
	89521
Marchiori A	37670
Marciani F	75148
Marciano A	71972
Marcilla J	35535
Marcilla Arrazola J	913
	70737
Marciotte C V	18115
	65055
Marckmann E	42179
	59775
	84103
Marckworth G D	31375
	50114
Marcolli M	67067
Marcondes M N	85812
Marcos R	18424
Marcos de Lanuza J	54098
Marcos González R	26708
	36398
	45550
Marcot C	17885
Marcote J	25448
Marcotte L J	28085
Marcovich H	20347
Marcovitch S	77790
Marcq J	76648
Marcque M	76343
Marcum J	84528
Marcus C P	20084
Marcus C W	14196
Marcus I H	17770
Marcus S	39221
Marcuse R	7633
	8880
	44420
	78831
Marcuzzi G	16595
	52554
	77748
Marden R A	59596
	76204
	76228
Marden W G R	57656
Mardin C	18817
Marduel F	38091
Marec E	53337
Mareca Cortés I	7790
	17771
	17772
	17773
	25834
	94666
Maréchal A	145
	187
Maree L M	36013
Marek B	67024
Marek J	54932
	75904
Marenghi G	26198
	35829
Marengo N P	72297
Marenkin F S	91542
Marenkov M N	49179
	90914
Marenzi A	22543
Maresca A	18643
Marescalchi A	7791
	11184
	19170
	25835
	37114
Marescalchi C	7792
	28915
	35536
	37365
	44707
	44708
	53659
	69820
	69821
	78902
	79348
	86768
	88255
	88706
	94667
	94668
Marez P de	8518
Marfil S D	46685
	65394
Margalef R	54
	233
	72456
Margarían A E	30033
Margaropoulos P	82026
Margerand P	7793
Margolena L A	18511
Margolf P	95395
Margolf P H	42691
	45871
	48493
Margolin A F	90639
Margolina K P	47942
Margulies R	9055
	45551
	70738
Mariakulandai A	51583
Mar'ianchik V L	46003
Mariani C	47544
Mariani E	18785
	18786
	27140
Mariani G	91666
Mariani M	16291
	85707
	93822
	94030
Mariano J A	82775
Mariat F	64796
	72491
	81621
Marić B	67105
Maricz M	84066
Marie P	16153
Marie R	57102
	65001
	65081
Marien	88788
Marien A	458
	30447
	40215
	90953
Mariën D	16850
Marien H	65002
Mariensee W	51124
Mariez M	3830
Mariller	61954
Marillonnet L	37842
	53298
	71449
Mariman G	65471
	82266
	82267
Marimpietri I	79214
	81767
Marin O	31075
	31125
Marina Torres R	55918
Marinchik A F	48005
Marinelli R	9056
	36399
	95180
Mariner P F	54066
Marinet	12646
Maringe A	86769
Marini E	18425
	47641
	47642
	49129
Marini P	45628
	69487
	74762
	87327
Marinic I	76471
	92843
Marinich P	39366
Marinich P E	65003
Marinin D N	91840
Marino A	36279
Marino M T P	85753
Marinov M	87464
Marinovich P P	58653
Marinucci M	39113
	65150
	65395
	70948
	82191
	82192
Mariolopoulou N	77460
Marion	41729
Marion E	16409
	24585
Marion F	77023
Marion G B	42180
	76089
Marion J	3488
Marion J P	13118
	57555
	65339
Marion L	26650
Marion M V	25305
Marion P T	23231
Mariotti P	84523
Maris A	37512
	88642
Maris P V	27994
	88699
Maritime Fertilizer Council	21731
Moncton N B	
Mariwala V V	70945
Marjanović D R	93622
Mark G	14409
Mark L	60431
Mark R R P	84774
van der	
Markarian G P	32360
Markell E L	27225
	37028
Markert C	81622
Markert C L	20171
Markeson C B	94322
Marketing Research Workshop East Lansing 1951	
Work Group I	44433
Work Group II	44434
Work Group III	44421
Work Group IV	44463
Work Group V	44873
Work Group VI	45351
Work Group VII	45872
Work Group VIII	45667
Markgraf F	81000
Markham E	2025
Markham R	574
	47652
	56610
Márki H	48494
	91055
Markides A S	83442
Markila L	14894
Markin I I	77461
Markin M I	90682
Markley K S	45782
Markley M C	9057
Markmann H	62231
Markos B G	6603
Markov A A	33603
	59344
	67379
Markov S G	58906
Markova L G	56703
Markova Z S	87240
	87241
Markovets A	5969
Marković B	81807
	92632
Marković L	22342
Marković M	88725
Markovic S	90496
Marković S M	93623
Markovich A A	48006
Markovics P	93170
Markowicz E	55984
Markowski A	90254
Marks A R	44078
	61447
	62590
	70861
	79483
	95297
Marks B	45552
Marks E N	24901
	43588
Marks E P	16851
Marks H	3795
Marks J D	40487
Marks K	35006
	53356
Marks M	76090
Marktforschungsstelle Zucker	36934
Markus A	20027
	21253
	21283
	49157
Markushin K V	76091
Markwardt L J	75549
Markwood L N	22045
Marlatt A L	46957
Marler P	64242
Marler R C	69593
Marley R	26388
Marloth R H	20897
	62467
	65396
Marlowe T J	20686
Marmet P	77462
Marn L M	14410
Marnay C	61716

	Item
Marnette J	2224
Marney U E	4903
Marnier-Lapostolle J	30290
	30291
Marocke R	66279
Maroger M	30750
Marois M	68087
Marold M	62401
Maroney J E	79689
Maróti M	23112
Marples E G	64318
	75353
Marq J	51894
Marquardt F	67795
	86404
Marquardt H	12390
	38981
	47838
	56875
Marquardt J C	8069
	26199
	62232
	79091
Marquardt R P	7933
Marquehosse P	20132
Marquès	23503
	32929
	76548
Marqués J	85505
Marques J Q de A	49976
Marqueses N M	1702
	13963
	18355
	26461
	48748
	57505
	65397
Marquette M	47004
Marquez Biscay V	77604
Márquez Delgado A	17115
Marquigny	51481
Marquis R W	58681
Marr G	64360
Marr J C	40819
	58449
Marr J W	47713
Marr R	64361
Marrable A W	4531
Marraco Teresa S	63118
Marre E	90030
	90031
Marrero J	14528
Marrero J F	21950
Marrero Aristy R	80041
Marriner C L	21136
Marriott D	7316
Marriott S	1402
	34893
Marrison L W	16292
Marritt I C	14529
Marrou M	58639
Marsais	73877
Marsal J	27388
	46166
	80066
	88226
Mars A J	30050
Marsden D H	19930
	38707
	56410
	75501
Marsden S	5538
	33473
Marsden S J	5310
	23780
	24053
	36829
	51715
	60038
	60093
	76895
	76896
	76900
Marsden-Jones E M	38982
Marsh A	82776
	83708
Marsh A W	30846
	58450
Marsh B a'B	924
Marsh C F	46070
Marsh C P	19461
Marsh E E	5739
Marsh G	38092
	53660
	53661
Marsh G L	35227
	69764
	69822
Marsh H	24172
	32746
	42959
	42960
	51842
	59687
	68251
	84337
	85119
Marsh H L	50806
Marsh J W	25038
Marsh P B	18116
	18117
	73482
Marsh R E	83253
Marsh R J	17675
	26494
	36168
Marsh R S	29939
	48711
Marsh R W	11754
	47545
Marsh V L	47257
Marshall A J T	1319
Marshall B	94857
Marshall C	74998
	83099
Marshall C E	13762
	13771
	13772
	40468
Marshall C R	8881
	26592
	53662
	62491
	70539
	70645
	79024
	95122
Marshall D A B	55846
Marshall D S	6524
	10741
	16202
	68677
Marshall F	66817
Marshall G	38228
	94964
Marshall Sir G A K	6466
	43461
	52463
Marshall G E	5970
	6062
	16596
	85391
Marshall H	61855
	86661
	94546
Marshall H B	22652
	32094
	59071
Marshall H M	27734
Marshall J	7181
	17996
	43995
	52117
	53148
	66739
	93442
Marshall J C	11681
Marshall J T	56031
	89120
Marshall K	86550
Marshall L H	12789
	36205
	86165
Marshall M W	86546
Marshall M Y	93783
Marshall P M	67694
Marshall R E	12265
	90522
Marshall R M	13753
Marshall R P	335
Marshall S P	76201
	76248
Marshall T J	49400
Marshall V C	66640
Marshall W	15791
	15907
	17650
	24044
	24045
Marshall W H	22405
	45951
Marshall W R Jr	35406
Marsico D F	45815
	82193
Marsico O J V	49291
Marsili S	9306
Marsland H	6863
Marsteller R L	54319
Marston H R	41730
	50748
Marston R B	14197
	49977
Martakov A A	30102
	78903
Martel D J	30292
Martelli G	74526
	80291
Martelli G M	6864
Martelli L	70244
Martelli M	85911
Martelli-Chautard M	14716
Marten W	17044
Märtens	21284
	82514
Martens A	71689
	71737
	71738
	71739
	80501
	87628
	88171
	88227
Martens F	53663
Martens K H	18644
	18645
Martensen	82567
Marteny W W	67168
Marth P C	48139
	73194
Marthedal H E	5333
	51640
	60164
	68045
Marti A	36014
Martí Catalá J	49907
Mart'ianov A	10123
Mart'ianov F M	33537
Martiis S C De	63323
Martimo E	24545
	68563
Martin	17520
	75760
	94481
Martin A	27265
Martin A G	25729
Martin A H	12790
	73635
Martin A L	55811
Martin A S	63658
Martin B A	24950
Martin C	76092
Martin C L Jr	78457
Martin C M	50775
Martin C R A	7547
Martin C S	14385
	22107
Martin D F	43819
	52806
Martin D L M	80387
Martin E C	60706
Martin E J	31353
	66772
Martin E L	38368
Martin E R H	12891
	73663
Martin F	914
	1527
	36121
	39114
	44709
	46004
	52975
	64797
	66378
	86166
	86167
Martin F L	64844
Martin G	8120
	17440
	62141
	67752
	69114
	82861
	86993
	88500
Martin G A	23760
Martin G W	56345
	56346
	81108
Martin H	16293
	31424
	43462
	43696
	77172
	81164
	84104
	85754
	93874
Martin H F	87601
Martin H M	84530
Martin H W	80361
Martin I L	13840
Martin J	3909
	22833
	32258
	36970
Martin J A	915
	29836
	65151
Martin J C	30869
	34526
Martin J F	72718
Martin J G	76344
Martin J H	5352
	19928
	60039
	71049
	79870
	84775
Martin J L	2026
	8426
Martin J N	64038
Martin J P	21563
	21564
	29994
	47407
	58142
	66132
	89522
	91501
Martin J S	32095
	41568
	67161
Martin J T	61801
Martin L	19728
	47408
	90201
Martin L A	23332
Martin L C	19611
	87398
Martin L F	18771
	63145
	79940
Martin L M	68974
Martin L S	53554
Martin M	39288
	49180
	70424
	94965
Martin M E	691
Martin N	74483
Martin O	94570
Martin Mrs O B	38249
Martin P	37366
Martin P E	14891
	22517
Martin P J	8519
	22707
	70425
	87242
Martin R	3065
	7794
	10124
	14037
	19274
	21732
	27520
	78151
	82568
	86770
Martin S	10205
	30988
Martin S Jr	95315
Martin S F	53726
	86867
Martin T	24300
	33730
	51980
Martin T G	84223
Martin T L	11563
Martin T T	37959
	63804
Martin W	206
	4346
	64263
	72448
Martin W B	71866
Martin W G Jr	8392
Martin W H	48866
Martin W J	72664

	Item
Martin W P	30738
	40487
	58080
	66133
	74430
	82677
Martin W R Jr	38622
	38623
	38624
	38625
	38626
	43233
Martin W W	6934
	54629
Martin Y	14263
	56793
Martin Abril F J	68209
Martin Alonso M	1403
	20687
	87078
Martin Calafell J	21873
Martin Cifuentes R	18787
Martín de Frutos J	42864
	50749
Martin del Rio M	83893
Martin Leber A	48712
	48893
	50273
Martin-Lecointe G	87328
Martin Lynch A	80891
	81867
Martin Panizo F	87468
Martin Vivaldi J L	49437
Martina A	8594
	94976
Martindale J G	45208
Martine	2794
Martine P	91186
Martinelli M Jr	75427
Martinenghi G B	70950
Martines V	35156
Martinet R	79291
Martinez A	26490
	34258
	34259
	34260
	34411
	34485
	93784
Martinez A W	83179
Martínez C A	49382
	58064
Martinez C C	15452
Martínez J	11854
Martínez M	19834
	89327
	95344
Martínez M B	58383
	74759
	91316
Martinez R P	20529
Martinez S B	5476
Martinez Andreu A	43209
	68672
	68894
Martínez Barragan A	45629
Martínez C A	13740
	30719
Martinez-Campos C	84776
Martinez Cordón F	89719
Martinez Crovetto R	11484
	82626
Martínez de Billard J E	87495
Martinez de Jesús J	51204
	51255
Martínez de la Grana F	35646
Martínez de la Ossa J	9457
Martinez de Pison M	91786
Martinez Díez E	94907
Martinez Garcia J	41222
Martinez Lacarra M	14092
Martínez Moreno J	87868
Martínez Ortiz F	35830
Martínez Rubio E	26765
Martinez Zaporta M	57593
Martini	8772
	8882
	40216
	48495
	74184
Martini E	50867
	77242
Martini I	5827
	26200
	35647
	44769
	53971
	62870
	69930
	79096
Martino E di	43674
	52380
	82555
	93875
Martino V di	87329
Martinoli G	56704
Martinović M	11682
	18330
Martinovich Z J	46829
Martins A O	19931
Martins E A	47177
Martins W A	54382
	62619
Martinson H	69167
	86312
Martinstetter P H	10986
Martinuzzi E A	70922
Martiny	53008
Martland J J	33430
	76897
Martley H J	24210
Martorell L F	34607
	43635
	61037
Martouret D	16201
Marts M E	18852
Marty A	79666
Marty H	55686
Martyn E B	64362
Martyn E J	6806
	24757
Martyn H	69647
Martynenko N A	33492
Martynšuk D F	51233
Martynov G	35101
Martynov G A	13964
Martynov V	55331
	95470
Martynova E F	61220
Martynova O M	5874
	6911
	16154
Martyr R F	20810
	65299
Martysšuk S P	77749
Martz G	67380
Marucci P E	52516
	60854
	60945
Maruhashi W	29624
Marulanda Caicedo L	50662
Marun J J	48749
Maruo S	95674
Marushev A I	73434
Marusi A R	22621
Marusik R V	84610
Maruszczak H	74999
Maruta S	27735
Maruyama E	64727
	91363
Maruyama M	50424
Marvel A R	26054
Marvin R E	65683
Marvin R S	54830
Marvin V	25226
	43996
Marx H J	84205
	92549
Marx M	69429
Maryland Agricultural Society-Maryland Farm Bur	38172
Maryland Board of Natural Resources	75075
Maryland Crop Improvement Association	38172
Maryland Nurserymen's Association	38172
Maryland State Beekeepers' Association	38172
Maryland State Horticultural Society	38172
Maryland State Planning Commission	49538
Maryland State Poultry Council	38172
	51716
Maryland State Soil Conservation Committee	21951
Maryland Stockmen's Association	38172
Maryland Tobacco Growers' Association	36989
	38172
Maryland Vegetable Growers' Association	38172
Maryon M	24906
	43595
Marzan B	75905
Marzi F de	46686
Marzi G de	9058
	9059
	10987
	18788
	55261
	69530
	69531
	71132
	71133
	79602
	95345
Marziantonio D di	37671
	74763
Marzo M	6646
Marzolf J J	79022
Marzorati O	24586
	24587
	43326
	52267
	77463
	77464
Marzoratti M T P de	84514
Marzusch K	8467
Mas P	74027
Mas Solanes R de	17774
Masalkin N	87737
Masalkina G P	88299
Masamune G	81001
Masani N J	3653
Mascarenhas H	15293
Mascarenhas L P	22343
Mascaro T	13316
	49401
	91166
Mascaró Carrillo F	89281
Mascherpa P	916
Maschi M M	28354
Mascré M	64798
	73195
Masefield G B	10309
	10742
	37844
	55687
	80191
	83003
	94571
Maselli J A	54707
Maseroli E N	38708
	47546
Masharova L G	62311
Mashkovtšev M F	1049
Mashtakov F M	22217
Mashtakova K M	57103
Masi L	6724
	19655
Masi M	7795
Maslansky E	11059
Maslennikov A P	88064
Maslennikov G	33626
Maslennikov G N	54576
Maslennikov I P	5971
Maslennikov V	37672
	46300
Maslieva O I	23923
	51584
Maslov M	31901
Masoero P	84338
Mason A C	1050
	1051
Mason A F	28759
Mason B Jr	50172
Mason C E	83502
Mason C L	12008
Mason C M	2027
	21137
	41240
Mason D D	30830
Mason D T	50163
Mason E	81002
Mason F W	92920
Mason H G	95284
Mason H L	28564
	81003
Mason I L	50951
	67235
Mason J	49022
Mason J P	45024
Mason J W	83578
Mason K E	15634
Mason L M	30293
Mason M M	4904
	92751
Mason O	41923
Mason R C	33309
Mason T F	91321
Mason V V	40413
Maspétiol R	19036
	55262
	55534
	63513
	80192
Mass D	21285
Massacesi A	12647
	73788
	90597
Massachusetts Federation of Poultry Associations	84777
Massachusetts Feed Control Serv	45109
Massachusetts Forest and Park Association	41006
Massachusetts Horticultural Society Library	20811
Yearbook	90523
Massachusetts Poultry Disease Control Laboratory	33310
Massachusetts State Grange	37960
	37981
Massagues J M	19230
	76093
	89917
	89918
Massagues Masso J M	9779
Massaloux P	63659
Massart L	15409
	59702
	79811
Massé R	33010
Massee A M	24402
	52361
	89720
	93327
Massee N	53067
Massegues J M	62794
Massenet M	14290
	31240
	31273
Massenot	47509
Massenot M	20124
	56511
	72492
Massera A	87869
Massera V	87870
Masset L	27192
Massey A B	11426
	74028
Massey C W	64478
Massey L M	38594
	64364
Massey P H Jr	73196
Massey V	41848
Massey Agricultural College	67753
	68275
Massieu H G	19519
	63933

Massingham H J Item 17557 18853 21813 46687 88686
Massino V B 90403 91427
Massler M 38093
Massmann F 79025
Massmann H 27996
Massol M 24902
Masson E C 95524
Masson F M 24173
Masson H 13869
Masson M J 76990
Masson P 38462 39115
Mastalerz J 58328
Mastalerz J W 65720
Mastall H 84339
Mastenbroek C 64538
Mastenbroek G 13317
Masterman J 34056 43327
Masterova V P 32644
Masters J E 79432
Masters M E 42293
Masters S 54525
Masterson F 51641 87948
Masterson F H 15908 60232 61582
Masterson W K 33108
Mastrangel W 40060 74029
Mastro Palo F 69823
Mastrókalo A 18202
Mastromatteo E 88789
Mastrorilli E 28432 40584
Masud M 25269
Masuda S 4347
Masuda T 18454
Masuhara T 29239
Mata Pacheo J 39367
Matagrín A 2795 48585 57356 69703 70951
Matallana Ventura S 7358 8265 7988 26201 27646 35648 35649 35650 45023 46931 62233 69488 70000 70125 79155 87079 91428 94726
Mataloni G 70646
Matchett J R 17676 36269 44422
Matela A G 10743 10898 18427 26709 48301 55688 63730
Matela A G 63731 63805 65004 65005 71867
Matera E A 15183 15591
Mater M H 83514
Materanskaîa N 31927 36554 62816
Matern B 83356
Mateshvili 24588
Mateshvili M I 77485
Mateu J 60855 77750
Mateu Amengual B 39246
Matevosîan A A 39518 39519
Mathauda G S 39116
Matheis H H 38250
Matheney R G 23378
Mather H J 30574 57025 57964 74863
Mather J W 7234 17421 17422 17423 44201 46823 53199
Mather K 760 12210 38961
Mather S M 47643
Mather W G 46688 80543
Matherly W J 95031
Matherne R 82538
Matherne R J 90472
Mathers A P 25836 69824
Mathes C A 21138
Mathes R 5949 93423 94100 94112
Matheson A 67754
Matheson R C 83982
Mathews G R 48645
Mathews H L 15909 24046 51717 87949
Mathews J 67404
Mathews L 49023
Mathews O R 14038 93357
Mathews V A H 4845
Mathews W J 79954
Mathey W J Jr 33337 84890
Mathias A F 16294 63731 43210 68435
Mathias M E 11485 89328
Mathies J C 33731
Mathiesen A 12391 60856 64468
Mathieson M 78355
Mathieson M C 7124 43997
Mathieson M J 38534
Mathieu 21651 30752 49422 49423 49568 94809
Mathieu A E 34057
Mathieu H 67045 67078
Mathieu R 251
Mathieu R F 21454
Mathieu-Sicaud A 58168
Mathis G W 87243
Mathis M 34058 34059 77466 77467 77468 78152
Mathis W T 69557
Mathisen M C 68673
Mathois H 41842 75894 83892
Mathon C 89783
Mathon C C 761 762 38369 47178 47714
Mathrani D I 20028
Mathur H H 70952
Mathur K G 70953
Mathur P B 18331 62620 70664 79603 95123
Mathur R B 58755
Mathur R K 95555
Mathur R L 56876
Mathur R N 52381
Mathys G 34434 34473
Matić I 82569
Matiuk I S 31212 50274
Matkovskiĭ S T 24835
Matkin O A 886
Matley 10744
Matlock R S 39586
Matney T S 32747 51023
Matochkin M I 32361
Matos E de 22834
Matos E O 4996
Matos G 5172 15910
Matous A 45783
Matov K 82135
Matsepuro M 58451
Matsiuk I A 83413
Matskov F F 317 20348
Matson E E 22451 83492
Matson G A 11390 71868
Matson W E 94282
Matsubara H 93554 93535 93924
Matsubara S 13487 74292
Matsuda K 62485
Matsuda T 50603
Matsui C 89693 89694
Matsui T 90171
Matsui Z 50275
Matsuie Y 44591
Matsuki G 40695
Matsumoto H 8393 8394 92327
Matsumoto K 5065
Matsumoto M 11955 28227 50359
Matsumoto T 50646 92163
Matsumoto Y 50376
Matsumura R 83254
Matsumura S 47839 64635 73066 86057 86058 86059 89847
Matsuo K 29592
Matsuo S 93018
Matsusaka Y 30774
Matsushima J 59494 67568 76202
Matsushima Y 50218
Matsuura F 11133
Matsuura H 12159
Matsuura S 40696
Matsuya Y 94603
Matsuzawa H 94113
Matt K 77469
Mattair R 22659
Mattarelli D 1764
Matte F 58792
Mattei 39117
Mattei J 56877 81623
Matteis L de 41849
Mattern H 49024 90524
Matterson L D 15346 51592 60106 68030 92975
Mattes W 12648
Mattfeld J 38463
Matthaei 75329
Matthaiakis E 5066 23639 92847 92848 92849
Matthes G H 2951
Matthewman W G 6468 68742
Matthews A 11061
Matthews B 57730
Matthews B H C 32926
Matthews C 36244
Matthews C O J 37219
Matthews E M 48646 49697 78493
Matthews F M 93443
Matthews G C 74939
Matthews G V T 33431
Matthews H L 33432
Matthews J D 41227
Matthews J L 37897 63732
Matthews J R 64139
Matthews J W 29896 82136
Matthews L 21081
Matthews L J 74293 74294
Matthews L S 19177 35790
Matthews Q L 72200
Matthews R E F 20078 47644
Matthews V D 336
Matthews W A 29592 57856 74648
Matthews W S A 49350 74344
Matthey R 43885
Matthies H J 69115 78499
Matthysse J G 28768 60799 77243 77634
Mattia M 53664
Mattick A T R 51240 69931
Mattick E C V 7994
Mattick F 28697 38535 36729 36737
Mattingley G H 58300
Mattingly G E G 22063 31301
Mattingly P F 16762 43133 43596
Mattli G 76094
Mattoon H G 30294
Mattoon W R 58748
Mattos A C C 59345 85582
Mattos Casal J 45209
Mattos Filho A de 22631
Mattson C H 86868
Mattsson J W 14663
Mattsson R 94858
Mattsson S 35763
Mattus G E 1734 48007 48779 57462 73197
Matuda E 19835 89329 89330 89331 89332
Matula M A 27118
Matulis IU IU 89165
Matulla K E 62234
Matumoto M 93268
Matumura T 93539
Maturana A 50750 82627
Matus J de D 89062
Matuschka-Greiffenclau Graf 61955
Matusevich G I 62621
Matute J D 13710
Matveev 91847
Matveev A 44069
Matveev G K 22496
Matveev IA 32645
Matveev I L 57275
Matveev V 35901
Matveev V I 48496
Matveeva A A 47703 64592
Matveeva E P 65152 89222

Matz H Item 14865 50507 59020
Matz J 12009 49181
Matzen E H 36765
Matzke E B 20167
Maubecin R A 51872
Mauch A 7001 10125 18980 44320 52976 55061 69234 86323
Mauczka F 14766
Maudente A 38038
Maudoux E 41184
Maudslay R 38229
Maue W 71104
Mauer K J 65341
Mauger P 2473
Maughan G L 53057 61431
Maughan J 2871
Maughan M O 53727
Maugini A 27389 37737 46512
Maugini E 89901
Maul H 6213 24589 60707 60708 60709 93624
Maul O A 32546
Mauldin J F 61751
Mauldin R S 40061
Maule J P 15532 32547 67755 75732 76095 84105 92466
Mauleon P 85178
Mauler J 14688
Maulit D A 17651 19037 19352 69116 78356
Maultsby R 54318
Maume L 25472 48008 56878
Maumené A 57731 93083
Maunder A H 18948 88643
Maupin C J 76898
Maupin D F 70571
Mauquoy A 87726
Mauquoy L 8395
Maurandi V 18756 54875 95525
Maurer A B 9214
Maurer A R 36280
Maurer F D 32362
Maurer K J 1653 1654 12978 13860 19932 20937 29940
Maurer K J 29941 29942 39824 39825 39826 40585 54337 57463 64365 65340 65487 82268 82287 85855 90557 90640
Maurer R 44464
Maurer R H 18040 36281
Maurer S 5210
Mauri G 65006
Mauri N 3371 20855 48797 49698 50010 57416 66907
Maurice E 23130 23131
Maurice I 74185
Mauriño A 27647
Mauritius Agricultural Bank 9820 37115
Mauritius Central Statistical Off 53593
Mauritius Committee on Land Tenure 55535
Mauritius Customs Dept 19491
Mauritius Dept of Agriculture 38173
Mauritius Food Production Board 27521 37367
Mauritius Hemp Producers' Syndicate 62402 94966
Mauritius L 55565
Mauritius Sugarcane Research Station 57378
Mauritius Tobacco Board 18818
Maurizio A 9152 34060 43328 52268 52269 77470
Mauro N 17934
Mauron P 2473 10271 24211 37845
Maury 33050
Maury P 31024 38963 64720 81755
Maury R 50383
Maus M 67499
Mauser H 58623
Mauser U 6214
Mauser W 46411
Maute A 60040
Mauthe G 41583
Mautz W 22732
Mauvisseau 58249 86730
Mavroglu N 51820
Mavrommatis A 69594
Mavromoustakis G A 6725
Maw A J G 92921
Maw W A 11186 23855 93024 94433 95396
Maxfield R L 70072
Maxson M 92318 92633 92634
Maxton J L 8883 61767 70572
Maxwell B 27901
Maxwell C W 41371 60859
Maxwell E 42865
Maxwell J R 61956
Maxwell L 18593
Maxwell M E 56981
Maxwell M F 13318
Maxwell N P 29995
May A V 29660
May A W S 16852 34608 77872
May C 93443
May C W 42035
May E B 1765
May J H 85010
May J M 6604 61017
May J T 11855
May M N 22674
May P 46777
May P E 46830
May R 60041
May R H 41437
May R M 21935
May V 56312 56313
Mayall R N 74431
Mayall S 82777
Mayaudon J 70018
Mayberry B D 74612
Mayenburg W 47409
Mayer 5864 9354 16295
Mayer A 60578
Mayer A M 81612 81624
Mayer E L 33936 33937 52181
Mayer H 16500 35651 52556 62403
Mayer H F 24177
Mayer H M 55 74030
Mayer H R 52464 68674
Mayer I D 44327 78640 84197
Mayer J 26647 28309 53417 61743
Mayer K 67832
Mayer K R 22190
Mayer L 56156
Mayer L E 65300
Mayer M 49025
Mayer P 96060
Mayer R 21874 39520 73581 80280
Mayer T 70126 94808
Mayer W 9705
Mayer-Dietfurt H 8126 17938 62033 69932 69933 69934 69935 69936 70127 70167 70245 70246 36869
Mayer-Schalburg R 55689 88888
Mayer-Wegelin H 22749 32020 41007 41059 67112 75532 92027
Mayerhoffer C R 36730
Mayerl F 1404
Mayes H M 44484
Mayes L C 88790
Mayes S H 42394
Mayet P 86313
Mayeux M 69251
Mayeux M M 53077 65990
Mayfield P 52182
Mayfield P B 41417
Mayhew D J 64704
Mayhew R L 23333 84340
Mayhew W E 44592
Maymone B 3910 3911 3912 3913 3914 3915 5715
Maynard C R G 14937
Maynard E A 94521
Maynard E J 23232 42074
Maynard H H 27880
Maynard L A 3916 4492 11060 13820 19542 22835 28187 38094 41731 46966 50751 63904 68305 80664 83783 89023 94569
Maynard P 64040
Mayne J E 61368
Mayne L S 28769
Mayne R Y 39096 79595
Maynor W T 25939
Mayntzhusen H E 70247
Mayo H 59751
Mayo N 17604
Mayo N S 67569
Mayo S C 10592 10593
Mayo V K 19461 6912
Mayola R 78275
Mayor E 2796 11599 28698
Mayr E 39368
Mayr J 62034 70168 70169
Mayr L 49699
Mayrhans F 70248
Mayrhofer W 21875 88791
Mays C 3066
Mazaeva M M 29324 39118
Mazan'ko A S 33776
Mazar Barnett J 70426 87244
Mazdoor M 7436
Mazek-Fialla K 58521 92125
Mazel 76345
Mazepy N 69272
Mazingue G 8540 70441
Mazo È È 2559
Mazokhin-Porshnfakov G A 85981 85982
Mazoti L B 64685
Mazoyer R 29268
Mazumdar A K 87272
Mazumdar J N 39427
Mazur IU 35159
Mazurek C 76549
Mazurin S A 36883
Mazurowa G 43463
Mazzarella P 39673 55263 69430
Mazzani B 20745
Mazzaracchio V 4565
Mazzei E 45553 87629 95181
Mazzei I 459
Mazzetti T 7235
Mazzini C 3917 54133 54900
Mazzini C A 42692

	Item
Mazzocchi-Alemanni N	2952
	2953
	9821
	10126
Mazzolani G	918
	64636
	72992
Mazzoli W	17775
	95737
Mazzoni R	15453
	59915
Mazzotti L	6374
	84681
	92850
Mdinaradze A K	88065
Mead C P	3258
Mead M	34061
Mead R M	6215
	34062
	52270
	52271
	74368
	82628
	93625
Mead S	94669
Mead S W	4790
	15272
	92550
Mead W R	10438
Meade F M	41241
Meade G P	63119
Meade M	31127
	74764
Meade R H	43610
	52603
Meade R J	51944
	68325
	93288
Meadley D R	36519
Meadley W G	71564
Meadly G R W	74295
Meadors C H Jr	74264
Meadows H J	12877
Meadows M	39513
Meads P F	63104
Meagher G	22566
	22567
Meagher W R	48009
Meahl R P	2028
	2029
	2030
Mealing H G	49026
Mealing Mrs H G	49026
Meals C F	18268
	36122
Means M	20570
Means R H	27648
Means U M	40495
	66197
Meara M L	43034
	70954
Mears M	65685
	74031
Mease F R	10745
	46689
Measeles G H	63789
Meat Machinery Manufacturers' Institute	26887
Mebane J	45210
Mecartney J L	57594
Mecca F	86771
Mecchi E P	27013
	45862
	87943
Méchain	71539
Mecham D K	11134
Mecheels O	70427
Mechelke F	47779
	47840
	47841
Mechhi E P	71032
Mecklenburg E	60784
Meckstroth G A	517
	95061
Medal C K	18329
Medawar P B	41941
Medda A	33601
Medd'eshi D	33311
Medearis D W	63733
Medeiros L T N S de	4348
	59493
Medeiros R	23640
Medel	36400
	36401
	79604
	87630
	95182
Medelana D R di	55264
	88378
Mederski H J	82868
Medici G	10502
	18854
	55396
	70739
	71339
Medici L	37561
Medici M	6216
	6217
	16410
	24590
	24591
	24592
	24593
	43329
	43330
	52272
	52273
	70770
	77471
Medina G	21733
	29325
Medina J C	8520
	12705
	57164
	57165
Medina L J	11335
	21876
	49507
Medina R	66541
Medina Blanco M	11683
	87330
	88580
Medina Reyes S	66641
Medinets V D	38983
	39353
	56742
	81490
Meding von	50130
	75000
Medir Jofra R	75678
Medler J H	1349
Medler J T	6650
	34976
	90433
	93785
	93976
Mednis ÎA A	81625
Medora P S	17897
	26245
	35695
	53799
Medora P S	79051
Medsger O P	38495
Medvedev I D	32363
	59346
Medvedev IU V	78904
Medvedev N	32168
Medvedev N A	32166
	32167
Medvedev P F	12392
	39369
	57104
	81626
Medvedev S	45026
Medvedev S I	33813
	93444
Medvedev V P	49301
	91251
Medvedeva G	763
Medvedeva V I	60857
Medvedkov IU	54978
Medwecka-Kornaś A	643
Medzmariashvili F V	78905
Mee J	83400
Mee O	49027
Meehan J P	76985
Meehean O L	86117
Meek A	36632
Meek W E	17291
	17756
	57166
Meek W L	22574
	22575
	22576
	41431
Meekan C P	15365
Meeker B K	45554
Meekma A M	92678
Meeks A	4349
Meeks J W	9606
	48142
Meeks M W	46784
Meeks T O	83004
Meel H de	19275
Meenakshisundaram K	66313
Meenen F E	29726
Meenen H J	94727
Meer von	66379
Meer H E v d	12791
	46932
Meer F von	31306
Meer H J van der	91322
Meer K van der	74527
Meer W C van der	78569
	78357
Meerholz F	60796
Meerpohl A	23442
Meersseman L C	18118
	26389
Meesters C F T	65686
Meeuse A D J	6469
	68436
	68619
Meeuse B J D	56982
	56983
Meeuwse P	2717
Meev B	94859
Megale F	4127
Megill H R	63734
Mégille X de	3570
	14742
	22465
	31902
	31903
Mégille X de	58938
	66761
	83499
Megran H B	25227
Mehl A	35226
Mehl E	64140
Mehl K	91612
Mehl S	56411
	56412
	56413
	56414
Mehlenbacher L B	75796
Mehler A	42866
Mehler A H	20349
Mehler L	37962
Mehlich A	58112
Mehlisch K	20812
	38370
	57732
	72298
	90836
Mehlquist G A L	2872
	13319
	49028
	65687
Mehls H I	92752
Mehls H J	42478
Mehlsen F	6935
Mehlum J	51112
	59771
	67559
Mehner	84971
Mehner A	3918
	4701
	5173
	20571
	33433
	42798
	42799
	57307
	68014
	68135
	84972
Mehr H	26710
Mehra P N	29326
	38928
	64264
Mehren G L	35337
	35341
	44465
	44542
	44543
Mehrhof N R	5387
	51684
	60071
	60073
	76737
	76797
	79860
Mehring A L	14254
Mehrotra B S	919
Mehrotra C L	40437
Mehrotra S N	67976
Mehta B H	46603
Mehta D J	70955
Mehta M L	5353
	14597
	41778
Mehta P R	11684
	38595
	56544
	81121
	81288
Mehta S	27090
	27193
Mehta T R	1499
Mehta V L	71973
Mehta Y R	2225
	11135
Meidner H	38371
Meier A Jr	5560
	42867
Meier E	47410
Meier K	17045
	68564
Meier K E	8266
	70956
Meier K I	19862
	56879
Meier R	6218
	9939
	27315
	52274
Meier R H	58452
Meier R L	12393
Meier-Jecklin K	93626
Meierhans J	20029
Meierhofer E	6219
Meijer H	10127
	55265
	70740
Meijer P Jr	56347
Meijer W	11540
	11541
	11550
Meijerink W E	61128
Meijers C J	1052
Meijneke C A R	1766
Meijs M Q v d	12394
Meikle C E	74032
Meikle R D	28565
Meiklejohn A K M	15073
Meiklejohn J	2618
Meilhan	37605
Meiller E J	19521
Meinardus F G	35775
Meinck	69502
Meinditegui J A	65991
Meindl G	7003
	7004
	17193
	17380
	25228
	34894
	35007
	52977
	53078
	53136
	53316
	69117
	78513
	94323
	94485
Meiners J P	47547
	56333
	56498
	56536
Meines M K	31591
	56227
	58718
	75330
Meinhardt	31307
Meinhold W	55335
Meinke	10503
Meini G	81577
Meirelles D F	63408
Meiring P J	62559
Meisakhovich ÎA A	7182
Meisel' M N	12160
	17577
Meisels R	92749
Meiser J A	53784
	70001
Meiser J A Jr	8158
Meisler S H	42800
Meisner A F	75785
Meisner D	88792

	Item
Meisner F	9706
	9707
	18819
	27194
	36990
	36991
	46043
	46044
	48627
	54930
	88119
	95564
Meiss A N	73336
Meissner K	20856
	20938
	46412
Meissonnier F	40971
	50064
Meister M	41583
Meister R T	17124
	57464
	66542
	79503
	87407
Meites J	60159
	76346
Meith H C	19178
	27649
	65398
Meiwald F	86242
Méjane J	17803
	61957
Mejer E	37080
	37220
Mejía J M	18512
	85583
Mejía Franco R	19353
	40349
	61958
Mejía Liévano E	25837
	86772
Mekhanik F [illegible]	56984
Mekheda V	46005
Melady J H	48713
	49029
	49182
	57733
Melampy R M	15294
	51024
Melamud E	90381
Melan E	92047
Melan H J	88158
	88159
Melander A L	34354
	60946
	60947
Melander L W	30575
Melanidi C	5685
Melchers G	12010
	47842
Melchert H	82863
Melchior F B Jr	5477
	33219
	84891
Melchiori E	57105
Melchiorre G	4128
Meléndez de la Garza M de los A	38709
Meléndez M de los A	11856
Meleshchenko M E	20688
Meleshko A A	67935
Meleshko S M	1767
Mélet P	51810
	51873
	48011

	Item
Melhuus N	53728
Melichar L	24951
Melikhov P S	74033
	91841
Melikov I N	26630
Melin G	76592
Melis A	85324
	85392
	85755
	85856
Melíukov A	37221
Melíukov A N	32454
	51930
	75786
	84643
Melkaer S	2031
	21139
	21140
	57734
Melkonian Z	53187
Mell R	78153
	78246
	85983
Mellaerts J F	87631
Mellanby Sir E	17677
Mellanby H	89024
Melleby A	54050
Mellentin R W	33345
Meller A	41633
	59072
Mellin, Hanscom & Hursh	90525
Mellini E	77173
	77751
Mello A T de	3919
	19612
	21598
	29327
	38281
	50953
	67381
Mello E dos S	11336
Mello E M de	2797
	2798
	13834
	30862
	31308
	49700
	66740
	82870
	91323
	91543
Mello M T de	4653
	5067
	33051
	59347
Mello e Sampayo A P de	88956
Mello Filho L E de	56228
Mello-Sampayo T	29328
Melloh A W	45784
Mellor J	54792
Mellor J W	55436
Mel'nichenko A	52032
Melnick D	28164
	54736
	54737
	62931
	87866
Melnick J L	38922
	93876
	93890
Mel'nik M I	77024
	77472
Mel'nik M K	39621
	57379
	88501

	Item
Mel'nik P A	46006
Mel'nikov A I	69825
Mel'nikov A P	31758
Mel'nikov N E	78418
Mel'nikov N I	2226
Mel'nikov V	23692
	37846
Mel'nikov V A	7071
Melo E M de	50065
Melo S	69118
Meloni U	57106
Meloy H	46831
Melrose D R	4409
	51025
	76096
	84106
Melrose L J	2584
Melse J K	88290
Melsted S W	29583
	83086
	83123
	83124
Melten E	72057
Melton A A	15454
Melton M L	84879
Meltzer J	60948
Melville A R	34474
Melville C	5972
	12137
	16217
Melville F	62622
	62623
	70647
Melville J	66380
	92216
Melville R	56229
Melvin E H	36698
	36750
Member I	21286
Memelink G	31759
Memming C	46690
Memnonov V V	33627
Memphis First National Bank Livestock Dept	36520
Mena A	9487
Mena Olivares A	70908
Menager H	14340
Menager J	76956
Menard C	50868
	92217
Menat J	53096
Menchinov G	91963
Mende	43998
Mende P F	77970
Mende R A	44770
Mendel K	29329
	38230
	13014
Mendelfeev D I	37368
Mendell F H	49978
Mendelowitz A	36711
Mendelson P C	53453
Mendenhall M	45873
Mendes B	90032
Mendes E J	28634
	89848
Mendes F S	39370
	48302
	69351
Mendes G E T	82629
Mendes J E T	56224
	56679
	56705
	58036
Mendes L O T	16597
	34261
Mendes O	19933
	72582

	Item
Mendes Sobrinho O T	10128
	19038
	27522
	49358
	58037
	66069
Mendez R E D	47548
Mendieta J R	85186
Mendinueto S	27141
Mendiola N B	29593
Mendlowski B	92319
Mendonca F A	80957
Mendorff	1589
Mendoza Dept de Investigaciones Económicas	9458
Mendoza Dept de Investigaciones Tecnológicas	9458
Mendoza F L	13488
	49539
	74864
Mendoza L G	36935
Mendoza M A B	82630
Mendoza O C	85085
Mendoza R Y	80502
Mendoza T M	17218
	89149
Mendoza Roldán M de	72719
Meneough H	36521
Méneret G	65007
Meneses M F	64929
Meneses W C de	48362
Menezes A	73008
	73839
Menezes O B de	1500
	12854
	30448
	48586
	57357
	81491
	81627
	81914
	81915
	90033
	90255
	90294
	96244
Menezes R B de	45211
Mengden E Freiherr von	51718
Meng C P	27523
Menge H	42610
Mengebier	44917
Mengebier H	15366
Mengele B	35157
Menger A	36402
	44510
	89063
Menges R W	4654
	15592
Menghi V	60710
Mengozzi G	18757
Menhinick H K	63686
Menis Y	17226
	74296
	78525
Menkart J	8570
	70466
Menke H F	43331
	48714
	52275
	68895
Menkes J	1108
	57276

	Item
Menkina R	49468
Menne E	5478
	42546
	45874
	60042
Menne W	15745
	42546
	60042
Menne W A	26956
Menninger E A	49030
	49031
	74034
Menninger E D	13320
Menon H B	1703
Menon K P V	34267
Menon M A U	16778
Menon M S	88889
Menon P B	4073
Menon V S	8521
Menoni L	55067
Menor Quintas F	18916
Men'shakov P G	4129
Men'shov B	92700
Men'shov P	25940
Mensier P H	26957
	44202
Mensinkai S W	1295
Mensio C	25838
	53665
	54497
	61959
	86773
Mentz N J	30492
	90992
Mentzel F	71340
Mentzer C	39093
	52849
Mentzer J	6220
	24594
	54552
	79641
	95214
Menusan H Jr	52658
	77752
	93977
Menzani C	85264
Menzel	47344
Menzel M Y	29172
	38890
	64658
	73043
	89902
	89903
Menzel O	20497
Menzel R	34355
Menzel R G	21537
Menzies A	40062
Menzies J D	38596
Menzies R P	82405
Menzies-Kitchin A W	9940
	46071
	63409
Mer C L	64790
Mer G G	60979
Mérat P	9459
	9460
Merbitz	21814
	58081
	91167
Mercado G G	14093
Mercado H C	81492
Mercer E	25440
	93289
Mercer E H	17136
	79292

	Item
Mercer F A	65688
Mercer F L	47623
Mercer F V	39119
Mercer L	91737
Mercer P H	33777
Mercer R	54857
	65008
	65009
Mercer R D	48303
	48304
	48305
Mercer W A	26593
Mercer W B	10129
	19039
	19040
	59214
	71341
Merchant C H	18239
	36200
Merchant I A	22962
	22963
	42181
Merchants' Exchange of St Louis	36403
Mercier D	2032
Mercier E	17465
	59680
	59776
	76097
	78641
	92551
Mercier F L J	36657
Mercier G L S	88379
Mercier J	64479
	93877
Mercier P	17626
Mercier R	22452
Merck	31592
	58657
Merck and Co	32259
	75906
Mercuri S	4350
	5716
	18513
	49540
	71565
	81808
Mere R M	78154
Meredith A	11061
Meredith O M	68518
Meredith W O S	54498
	73089
	79550
	79605
	87138
	87534
Meregalli A	42902
	42927
	43014
	84107
	85212
	92956
	93290
Merenda A	31128
	31801
	71758
Merenova V I	90016
	90163
	90164
Merewether J W T	3796
Mérey L von	4945
Merfield A G	1590
	21287
	39674
	47411
	48672
	57417
	65870
Mergard H	17046
Mergen F	73248
Mergen H	46691
Merger H	64041
Mériaux S	21502
Mericle L W	23136
Mérieux C	92320
Merigot de Treigny F	7046
Merilan C P	76347
Meriluoto M	31964
Merino A	82658
Merino G	40063
Merino J	8522
Merino Argueta J	58316
Merinsky J K	32036
Merish F	7907
	27339
	37164
	86870
Merkel C M	18119
	62407
	70428
	79293
Merkel J L	2033
	90837
Merkel M	87246
Merkel N B	82406
Merkens J	4803
Merkenschlager	11262
	56032
Merkenschlager F	20169
	64800
Merkenschlager G	81587
Merker E	16598
	77753
	95660
Merker F	48798
Merker H	30449
Merkert E	14851
Merkert H H	91711
Merkl S	3920
	58161
Merkle F G	30897
	30981
	40467
	49701
	58586
Merkle J	12084
	89784
Merkle R	75076
Merkley M B	92239
Merkt G	23334
Merkt H	67657
	92467
	92609
	92635
Merkulov M	34895
Merkulov M D	5309(
Merkuow M D	7072
Merkur'eva E K	15047
	23761
Merle P	48750
	64801
Merle R	6665
Merli G	40481
	74461
Merli V	7908
	65010
Merlin P	31129
Merlini D	4905
Merny G	89630
Merola A	72960
	72993
Meron G	46072
Merrell D J	24836
Merrell J B	9276
Merriam D	89734
Merridew J N	25564
Merridith W K	3654
	41468
	46884
Merrifield F	21770
Merril S Jr	17670
Merrill A	53426
Merrill A L	61725
	56230
Merrill E D	81004
	89333
Merrill G	45352
	73844
Merrill H A	19934
Merrill H B	36555
Merrill L B	57277
	83784
Merrill L G Jr	34356
	61308
	64350
	77754
Merrill L P	14198
	66642
	74865
	83005
Merrill M H	40064
Merrill Mrs M L	68276
	87080
Merrill R	86405
Merrill R L	61810
Merrill S Jr	13999
Merrillees C M	90838
Merrillees C R	65689
Merriman G M	4655
	51234
	76348
Merriman J B	87950
Merrington G	26390
Merrion H J	93004
Merritt F E	2034
Merritt J B	51559
	51560
	76772
Mersereau E P	45212
Mersereau H E	2035
Mersseman A de	71450
Merten C	10130
Mertens H	34827
	58453
Mertens J H W	58038
Mertens W	69214
	86509
	94356
Merthyr Lord	75363
Mertin J V	56359
	64366
Mertins S	85149
Mertz E T	23887
	55910
	60108
	81776
Merwarth F L	38772
Merwe J A van der	70330
Merwin E	87352
Merz	25839
Merz R W	40583
	50326
	91842
Merzari A H	54738
Merzhanian A A	35537
Merzlıakov IA	35538
	61481
Mesa-Bernal D	337
	19935
	44511
	45310
	69624
	72299
	87496
Mesa Carrión F	6666
Mesch D	1655
	8884
	12979
	26594
	26595
Meschia A	56
Meschini C	4351
	4352
	4353
	5479
	9328
	9329
	18514
	33658
	61308
	62998
	80193
Meschini S	75907
Meschkat A	76603
Meseſuk K A	63249
Meseke W A	41492
	41605
Meseroll W S Jr	17274
	44266
	60233
	73826
	84973
Meserve A W	30295
Meshalova A D	72757
Meshkov A R	38410
Meshkov N V	56880
Mesick D O	62889
	87817
Mesnil H	66897
Mesnil L	16717
	52557
	85756
Messenger A P	93445
Messenger K	93446
Messenger T H	27065
Messer A B	9060
Messerli W	42182
Messerly W	7338
Messerschmidt H	48497
	53831
	55690
	59428
	71869
	92701
Messervy A	84341
Messiaen J M	72787
Messiha W	88644
Messikommer E	28655
Messina A	17939
	26854
	62848
Messina M	63229
Messines J	14199
	83006
	91429
Messler C	62430
Messmore H L	60465
	68336
Messori A	31130
Mestre A	1826
Mestre C	8885
Mestre L	85150
	88890
Mestre Artigas C	53666
	69826
Mestres Jane A	44675
Mesu F P	21877
	46301
	63410
Meszaros I	71342
Metaye R	85833
Métayer M	71134
Metcalf H N	56579
	68400
Metcalf J E	27524
	63514
Metcalf J H	35072
	54499
Metcalf M E	83573
Metcalf R L	6035
	16188
	16218
	16263
	33938
	33944
	52553
	93447
Metcalf Z P	68836
	85857
Metcalfe C R	47780
Metcalfe D S	74613
Metcalfe L S	50514
	83588
Meteer J W	75502
Metel'skiĭ V V	20498
Metge	69119
Metge R	40820
	90202
Methot J R	46007
Metianu T	43394
Metivier H V M	50954
	51321
Métivier S	42075
Metlifskiĭ Z A	71451
	8637
	73825
	90558
Métraux A	63411
Metro A	14341
	75077
Metrod G	89460
Metropolitan Water District of Southern California	13861
Metsänheimo U	41142
Mette J	5561
	85032
Metz L J	40469
Metzdorf H J	61729
	62115
	63263
	88201
Metzenberg R L Jr	12332
Metzger A	14273
	17574
Metzger H	35730
Metzger H B	55475
Metzner	10565
Metzner H	72994
	73198
Metzner R	90559
Meulemeester D de	36015
	54134
Meulen A A M v d	80194
Meulen E V	27091
Meuraud A	54796
Meurer	53200
Meurman O	20939
	20940
	73827
	90641

Meuszyński S Item 23549, 33312
Mevius W 19768
Mevius W Jr 72964
Mewissen F 2303, 49183, 74186, 82127
Mexico Dirección General de Estadística 28137, 94621
Mexico Dirección General Forestal y de Caza 28770
Mexico Secretaría de Agricultura y Ganadería 19613
Mey W 54500
Meybeck J 70429
Meyer 9378, 33493, 40972, 41123, 42076, 42183, 51843, 71690, 88645
Meyer A 36731, 51263, 59726, 86213
Meyer A B 83287
Meyer A I 86611
Meyer A S 71974
Meyer B 17678
Meyer C F 74035, 90839
Meyer C H 9019
Meyer D 50173
Meyer E 5113, 9061, 26914, 59821
Meyer E L 39616
Meyer F 21141, 32748, 36404, 13053, 40697, 44203, 53058, 78514, 87632, 88380
Meyer F G 38464, 47258, 89223
Meyer F J 83541
Meyer F L 11136
Meyer G 5480, 71033
Meyer G F 94031
Meyer G L 13321
Meyer H 460, 14342, 26268, 35008, 52276, 53034, 53115, 69110, 70454, 80195
Meyer H A 31611, 31620, 41143, 41174, 50237, 75225, 80772
Meyer H G 39675
Meyer Mrs H G 39675
Meyer H L 59094
Meyer H M Jr 76639
Meyer H U 24837
Meyer J 6667, 7469, 13804, 17989, 20170, 26202, 33113, 35404, 45048, 62070, 72995
Meyer J R 57167
Meyer K A 58698
Meyer K H 17575, 28433, 28771, 65690, 78734, 86551, 94967
Meyer K S 92120
Meyer L 26797
Meyer M E 41788, 51954, 59287
Meyer O C 38251
Meyer O R 50296
Meyer P 6470
Meyer P J 14200
Meyer P R 46488
Meyer R C 72405
Meyer R K 5361, 67717
Meyer T 28566, 81005, 81006, 86871
Meyer T A 30782
Meyer W 19936, 66463, 71343, 77473
Meyer W D 5623, 15978
Meyer-Bahlburg W 30783, 40764
Meyer-Brenken F 14834
Meyer-Ibold E 9885
Meyer zu Bakum E 55536
Meyerholz 88891
Meyers E G 34422
Meyers E W 69827, 78906
Meyers F I 18789
Meyers T 44437, 87245
Meyers W I 69669
Meyers W M 20689, 82027
Meyl A H 56625
Meyn A 4130, 33732, 44811, 59688, 67658, 92321, 93171
Meyn W 13322, 21142, 25510, 40065, 40066, 58384, 90840
Meynard J A 15684
Meyne J 50408, 75398, 92069
Meyr R 83500
Meys H G 39827
Meza 61768
Meza Zapata A 85072
Mezei E 36732
Mezger E G 34395
Mezzetti A 701, 19937, 72493, 72812, 72813, 72856
Mezzini L 64434
Mfâgkov N V 56743, 73435
Mialhe-Voloss C 84342
Mialki W 25730
Mialo I 32455
Mfând A 78494
Mfând A E 25229
Mfâsnikov N G 29594, 86231
Mfâsnikova A M 40519
Mfâtenko S Z 27162
Micarelli G 8523, 26391
Micciarelli G 73436
Michael A S 6221
Michael F 83485
Michael G 920
Michael G A 69828
Michael J 88066
Michael P M 19122, 95772
Michael R 495, 90940
Michaelis 90382
Michaelis H 9062, 62714
Michaelis H N 43820, 78155
Michaelis P 764, 73067
Michaelis W 64480
Michaelsen L 79709
Michaelsen O 67124
Michaelson M E 297
Michalka J 33313, 85265
Michardière J 48520
Michaud 33434
Michaud L 22964
Michaud L J 13332
Michaux 45555
Michaux P 40698
Michel 787
Michel A 41060
Michel C 61721
Michel E 34262, 34263, 85393
Michel G 67917
Michel J 6805
Michel J F 59735, 83900
Michel J M 62235
Michel O 51205, 68087
Michel R 51205, 68087
Michel C J M 51235
Michelbacher A E 77635, 33877, 43211, 43212, 43821, 52659, 61074, 61221, 61506, 68837, 77244, 93978
Micheletto B 32749
Micheli A 60319
Micheli E 13108
Michelini F J 973
Michelli R 9063
Michelmore W A 10269
Michels J R Jr 63859
Michelsen E 4131, 22965, 41850, 41851, 41852, 83901
Michelson A 83302
Michener C D 25004, 52720, 52807, 78033
Michener M H 25004
Michet J 71566
Michie J J 25511
Michie R 3713
Michiels A 52118
Michigan Agricultural Experiment Station 64080, 72165
Michigan Board of Agriculture 72165
Michigan Bur of Plant Industry 40067
Michigan Dept of Agriculture 11187, 86688, 40067
Michigan Milk Producers Association 26055, 26056
Michigan Soil Conservation Committee 91486
Michigan State Horticultural Society 57418
Michigan University Museum of Zoology 85325
Michl F 63248
Michl H 4172
Michniewicz M 58113
Michod J 35454, 35456, 44651, 86774
Michurin B N 2532
Michurin I V 765
Mick A H 40699, 46387, 55377, 58269
Mickalitis A B 13275
Mickan 72406, 93326
Mickevicz M J 7796
Mickevic M J 17776
Mickel C E 93328
Mickey G H 24838, 34357
Mickle G 24935
Mickle G T 24403, 43213
Mickleberry L E 92922
Mickleson A L 13965
Micks D W 16779, 43597, 78156, 78226, 85813
Mickwitz R 16411, 68565
Midcentury White House Conference on Children and Youth 80503
Massachusetts Committee
Missouri Committee 71771
Middelburg H A 36992, 66381
Middelhoek A 72494
Middendorff H 68210
Middlebrook M J 81436, 89849
Middlebrook S 83180
Middlebrook W R 26392
Middlekauff W 77244
Middlekauff W W 43212, 43821, 52659, 60579, 61221, 61506, 77635, 78034, 93978
Middlemiss E 14094, 83007
Middleton C A Jr 45875
Middleton C H 73722
Middleton G E 43668
Middleton J T 565, 921, 64367, 72709

	Item
Middleton W	93786
Mid-European Studies Center	55300
Midgley A R	22064
	53116
Midgley P G	70395
Midha K K	21504
Midorikawa T	50322
Midtbø T	32646
Midwest Barley Improvement Association	30899
	48306
	81868
Midyette J W Jr	12649
Miears R J	40700
Miedema R P H	2799
	3067
	82028
Miège E	1214
	12395
	17275
	19836
	28772
	30808
	50003
	57358
	64481
	64482
	65153
	65399
	72720
	82029
	82778
	82871
	85757
	86488
	87149
	90295
	90383
Miège J	11483
	65871
Miehe H	19768
Mielck	27525
Mieli A	70413
Mielke J L	64304
	64483
Miellet R	24595
	34063
	52277
Mierop H W S van	22250
	22429
Mier C A	58082
Mies Filho A	15295
	92468
	92469
Miettinen J K	87150
	90182
Mighell R L	9515
	42589
Mignolet F	10899
Mignotte F	7083
	7236
	17257
	21815
	25330
	34781
	34896
	35009
	53359
	61369
	61370
	69192
	69352
Mignotte F	78419
	78759
	82109
	86489
Migo J A	53640
Migoya A de E de	79378
Miguel A P	19123
Miguel M	5250
	15792
	33220
Miguet	41242
Mihara Y	90256
Mihelić F	79693
Mihelič S	77474
Mihière	80348
Miholić K	66070
Mihov A	85661
Mijares A	46541
Mijares R	5354
Mijatović L	88892
Mijucić B	67058
Mika E S	56881
Mikaelsen K	81628
Mikami S	5355
	59348
Mikeladze E G	39111
Mikell J J	2228
	72679
Mikesell O E	9977
Mikesell O H P	15296
Mikhaĭlov D	94728
Mikhaĭlov M	27390
Mikhaĭlov N A	60360
Mikhaĭlov N N	20350
	64802
	84661
Mikhaĭlov N V	26393
Mikhaĭlov V	58658
Mikhaĭlova G D	90034
Mikhaĭlova L S	30103
Mikhaĭlova N	44935
Mikhaĭlova P V	12214
	47843
	48012
	48013
	57396
Mikhaĭlova V N	2171
	20030
Mikhal'chuk A L	73582
Mikhalev A IA	892
Mikhalev T	58820
Mikhaleva V V	40516
Mikhalin I IA	75001
Mikhalovskiĭ A	90068
Mikhalovskii A G	922
	952
Mikheev K T	27391
Mikhlin D M	1053
	1054
	54831
	56985
	90035
Mikhlin E G	58923
Mikhnovskiĭ V K	95665
Miki S	28567
Mikić F	79693
Mikit E A	41457
	91976
Mikkelsen J C	11857
Mikkola W	17302
Miklau L	8886
	18203
	55934
Miklaušić B	84682
Miklik E	7995
	46933
	53972
Miklóssy F	59215
Mikola P	22675
	40586
	48014
	56537
Mikota L	4294
Mikšić R	85662
	85663
	85664
Mikul'skii A A	48015
Miladinović L	82933
Milaknis A	42360
Milam F M	39371
Milan I	79907
Milan P	84564
Milan Associazione Granaria	87633
Milanez F R	90036
Milatović I	11823
Milbank Memorial Fund	19543
Milbrath J A	520
	575
	56611
	81340
Milburn D	10900
Milcetic I	76649
Mildner H	91843
Mildner T	74297
Milella A	2227
Milenkovik P	88893
Miles A D	17510
	44333
	69464
	83785
Miles A E	1203
Miles B	86168
Miles C W N	88646
Miles E B	49032
Miles E F	90227
Miles Mrs E R	2036
Miles G F	38597
Miles H	81165
Miles I E	39328
	49702
Miles J A R	15593
Miles J F	94787
	94885
Miles J T	59593
	76220
Miles L G	1109
Miles M	16718
	24839
	52558
	52559
	60949
	60950
	81165
Miles P M	72300
	93329
Miles S R	1203
	39374
	73437
Miles V I	5086
Miles W C	34064
Miles W H	82030
Miles W W	10746
Mileshko A F	20941
Milesi-Ferretti G	74369
Milhau J	10901
	27392
Milĭaev A	10310
	25114
Milĭaev A P	55691
Milich F	25986
Milik L	85053
Milikien A S	17294
Milius H	50297
Milius J	10131
Milĭutina L	45027
Milk Dealers' Association of Metropolitan New York	35791
	35793
	53888
Milk Industry Foundation	53729
	69937
Mil'kov F N	12085
	22218
Mil'kov M P	27142
Millahn G	91893
Millak K	83902
Millán R	12161
Millar C E	2527
	13966
Millar F K	29403
Millar J A S	15604
Millar J W S	8127
Millar P G	42159
Millar R	76617
	84531
	92753
Millar R L	28885
Millard J B	35064
Miller A	45353
Miller A A	87951
Miller A C	43530
	43531
	52183
	52560
	68760
	85456
Miller A H	8070
	79068
Miller A R	87524
	95291
Miller B Jr	15911
Miller C	66787
	82031
Miller C B	9468
Miller C D	63945
	72107
	79812
	80691
Miller C J	35731
Miller C M	22219
Miller C O	16069
	48016
Miller C R	8638
	35301
	45286
	54273
	55476
	62534
	70573
	87331
Miller C W	923
	11486
Miller D	35102
Miller D D	85788
Miller D E	62071
Miller D G	14874
	35122
Miller D P	36803
	62999
Miller D W	68015
	76749
Miller E	8267
	28232
	37847
	63214
	84652
Miller E A	1503
	48587
Miller E C	85288
	93206
Miller E E	9215
	13711
	37493
Miller E J	69558
Miller E S	60679
Miller E V	54319
Miller E W	10132
Miller F	25941
Miller F C	13323
Miller F S	33106
Miller F T	31593
Miller F W	59802
Miller G	59866
	64803
Miller G A	38340
Miller G D	15533
	76203
Miller H	22706
Miller H C	93207
Miller H F	17345
	25397
	44109
	61485
	94380
Miller H F Jr	30591
	66009
Miller H H	66134
Miller H I	44466
Miller H J	38710
	51026
	73199
Miller H T	27393
Miller H W	40670
Miller H W Jr	48799
Miller I	7387
	8675
Miller I C	7507
	27023
	36245
	53495
Miller I F	24596
Miller J	2800
	39048
	85033
Miller J A Jr	33106
Miller J A S	7674
Miller J C	2228
	2234
	13489
	51786
	72679
	83709
Miller J E	25757
	10747
	63806
Miller J G	4656
Miller J H	10748
	11657
	11858
	14922
	19887
	22660
	30296
	72721

Miller J H 74298, 81244, 81263, 90841
Miller J I 59777
Miller J J 24759, 81521
Miller J L 71452
Miller J M 36716
Miller J P 15746, 79864, 84974, 92957
Miller J R 9886, 27340, 37165
Miller K 60285
Miller K W 85326
Miller L 34358, 41997, 72996
Miller L A 80692
Miller L B 30989
Miller L D 23132, 32548, 51027, 67500, 67501, 76098, 76099, 84108
Miller L F 68566
Miller L I 39595, 73659
Miller L J 54964
Miller L P 61057
Miller L W 16499, 6806, 77637
Miller M 37574
Miller M D 1416, 48498
Miller M E 9277, 35102, 58454, 84109
Miller M F 19124, 37744, 91430
Miller M H 54135
Miller M M 37673, 38252, 38253
Miller M S 31904, 41318
Miller M W 87952
Miller N C E 5668, 6669, 6670, 43675, 43676, 68838, 77971, 93979
Miller O B 89334
Miller C N 68069
Miller P 70885
Miller P A 65031, 71870, 73459, 80439, 81768
Miller P E 37963, 47017
Miller P P 70072
Miller P R 19938, 72583
Miller P W 576, 47412, 56415, 66260, 89721
Miller R 76100
Miller R A 45302, 93265
Miller R B 3518, 82763, 83633
Miller R C 5624, 5881, 16070, 24174, 24264, 26823, 51306, 59689
Miller R D 2541, 40414
Miller R E 35902, 53434, 79861
Miller R F 33248
Miller R G 58756, 58757
Miller R R 47910, 73118
Miller R T 45952
Miller R W 46832
Miller S J 6545, 33589
Miller S M 36936
Miller T 37636
Miller T A 61553
Miller T B 3848, 67251, 67252
Miller V L 22838, 23801
Miller V W 27997
Miller W 14613, 17531
Miller W D 22321
Miller W H Jr 17466
Miller W J 23723, 23762, 23763, 76349
Miller W M 90700
Miller W R 80529
Miller W S 5251, 15793
Millerd A 20351, 56986
Millerick T I 68244
Millet E R 77722
Milleville H P 54344
Millhauser E 69829
Millidge A F 43393
Millier W F 86356, 7047
Milligan J L 5252, 5253, 67291, 76706
Milligan W 8268
Millikan C R 72584
Milliken L T 63058
Milliman L H 8773, 8204, 87408, 30560
Milliman T E 45665, 54630, 54631, 66543
Millington A J 924, 89904, 91204
Milliron H E 68972
Millis N 48184
Millot G 58168, 90954
Millot J 64163
Millot P 60391
Millowners' Association 70430
Mills A H 67805
Mills A M 92636
Mills A P 52784
Mills B W 35317
Mills C F 75787
Mills D R 26711, 35010, 53201
Mills E G 54672
Mills F V 44130
Mills H B 13324, 93330
Mills H O Jr 38598, 60580, 68437
Mills J B 19993
Mills M 11732
Mills M B 48175
Mills M D 37369
Mills P J 90481
Mills W C 9355
Mills W D 38599, 72585
Mills W G B 92070
Mills W R 47549
Millyard W F 69120
Milmoe W 58651
Milne A 24697, 60785
Milne F E 49033
Milne F J 5666, 59349, 59690
Milne F N J 33435
Milne L J 34188
Milne M J 34188
Milne P S 28434, 68567, 77475
Milner H W 20295
Milner K C 33314
Milner M 20459, 20460, 36405
Milner R T 62934
Milojević B Z 13835
Milojić M 92958
Miloradovich M 74370
Milota E 31840, 77476
Milovanov V K 22771, 32203, 51787
Milquet F 22065, 40973
Milstead E 51538, 60043
Milthers A 95738
Milton J 52318
Milton L 46833
Milton R F 25731
Milton R H 18820, 18821, 3110, 20783
Milton W T 30297
Milovanov V K 83710
Milum V G 52808, 61222, 78157, 93448
Milunović M 79693, 79695
Milwaukee Grain Exchange 79606
Mimalut J 87370
Mimeur G 146
Mims S 25531
Mina G J 19354
Mina V N 66135, 66181, 91777
Minaev B A 88067, 88068
Minaev N P 41606
Minafra L 29595
Minagaki S 67708
Minamikawa T 44593
Miñano G 68359, 77145
Minardo M 87409
Minarik C E 29373, 30576, 39180
Minatta M J 52660
Minch E L 60513
Minchev P 83903, 83904, 84343
Minckler L S 22376, 50327, 66958
Minden M B 55481
Minder L P 37029
Minderhoud 7005, 33814
Minderhoud A 43728
Mindorashvili D N 30104
Mindreau G C 27143
Miner E L 11391
Miner F D 93787
Miner M L 16259, 60133
Minerbi G 47413, 48017
Miners A 94459
Minett F C 51236, 83906, 83907, 83905
Minev K 461, 89523
Minger R 55266
Minges P A 11915, 40195, 57833, 81629
Minghetti D 39372
Minguzzi L 1768, 2229, 40217, 49184
Miniaeva O M 56538, 89631
Minifie C 78626
Minin IA 2873
Minina E G 20352
Minina I 57278
Minina I P 29745, 86243
Minister D 22266
Minkevich I 72246
Minkevich I A 20746
Minkh N 7073, 44054, 44068, 53059, 53079, 61435, 94303
Min'kov S G 52278
Minneapolis Chamber of Commerce 36406
Minneapolis Grain Exchange 62716
Minnesota Bankers Association 80042
Minnesota Board of Grain Appeals 95183
Minnesota Crop Improvement Association 18738
Minnesota Dept of Agriculture 13490, 18041
Minnesota Dept of Dairy and Food 58565
Minnesota Dept of Conservation 19837
Minnesota Dept of Education 7009
Minnesota Dept of Vocational Div 10382, 10404, 10405
Minnesota Dept of Iron Range Resources and Rehabilitation 37848, 31482
Minnesota Off of State Entomologist 43822, 43823, 43824, 43825, 43826, 43886, 72722, 77755, 78158, 78159, 78160
Minnesota State Agricultural Society 71871
Minnesota State-Federal Crop and Livestock Reporting Bd 71034
Minnesota State Grange 46834
Minnesota University 10382, 10404
Div of Agricultural Economics 10405
Hormel Institute 47121
Minnich V S 85816
Minnick R F 4867
Minnion W E 77174, 78161
Mino M 92098
Minogue N 46613

	Item
Minolta	71691
Minor J C	26948
	79801
Minor W A	2801
	3122
	20690
	27998
	74940
	82872
	96179
Minshall W H	56706
Minter M	13325
	21143
	90842
Mintener B	86597
Mintfushev P V	29746
Minton N A	48018
Mintz S W	19284
Mintzer M G	49359
Minuit J	45028
	17886
	53730
	70002
	70003
	79026
Minute A	41548
	41549
Minz G	19943
Miquel	92851
Mir R M	7797
	37370
	44710
	48867
	58301
	72723
	77245
	90683
Mira E	10311
	10902
	27526
	46413
	86169
Mira Izquierdo L	18428
	26712
	36407
Miracle I P	71975
	72016
Miralles Jiménez de la Espada L	87518
Miranda G de	87634
Miranda H de	36330
	54501
	62706
Miranda W C	23133
	32549
Miranda e Silva L de	25942
Miranda Sousa A	63552
Mir'ap M	75226
Mirasol J	36937
Mirchandani R T	62405
Mirić M	11859
Mirimanfan Kh P	66382
Mirkin E	26886
	36658
Mirković S	82098
Miró Esplugas M	10504
	10505
	10506
	10903
	44711
	63324
	95999
Miroff M C	67952
Mironov A	23556
Mironov E V	39186
	56917
Mironov F	90203
Mironova L P	57534
Miroshkin A N	33778
	51931
Miroshnichenko K G	64804
Mirov N T	14958
	26568
	32127
	48019
	81007
Mirpulatova N	89695
Mirri A	4132
Mirri F	33733
Mirsa A	24758
	93878
Mirsa M	24758
	93885
Mirse M	52561
Mirzabekian R O	11972
	81314
Mirzashvili G I	41418
Mirzoeva N V	19803
	19804
Mirzofan A	13491
Misajlovski B	94670
Misefuk K A	9826
Mishchenko L	61273
Mishchenko L L	6865
	34648
Mischling F	28773
	49185
	54051
	65872
	65873
	79294
Misener A D	66136
Miserentino C O	71089
Mišev A	88502
Mishenkova A	26097
Mishin G	23692
	84734
Mishin G M	84614
Mishin I P	59423
Mishler D H	23856
Mishurenko A G	29330
Mishustin E N	13807
	58143
	66205
	82725
Misiorny A	41632
Misión Uruguaya de Estudios Agroeconómicos en Australia y Nueva Zelandia	27527
Miskin A B	63631
	88647
Mišković P	82934
Misner E G	17652
	27736
	44544
	44954
	51322
	55397
	55477
	55891
	59778
	62072
	62146
Misner E G	62165
	63515
	63580
	63581
	71872
Misnik G E	91844
Misono Y	21288
Misra A L	71105
	71106
Misra A P	56539
Misra B G	85821
Misra D K	2802
Misra G	925
Misra S R	1378
Misro B	89850
Missfeldt	92322
Missler G	61929
Missio F	12650
	87727
Mission Française de Productivité pour l'Étude de la Production du Riz aux U S A	81869
Mission to Cuba	37060
Mission to Iraq	63412
Mission to Surinam	80196
Mississippi Agricultural Experiment Station	53060
Mississippi State Dept of Agriculture	58566
Mississippi State Livestock Sanitary Board	59350
Mississippi University Bur of Business Research	95343
Missonnier J	25051
	93980
Missouri Botanical Garden	38372
Missouri Conservation Commission	31425
Fire Control Sect	22387
Missouri Dept of Agriculture	54052
	61887
	72166
	94908
Missouri Dept of Business and Admin Div of Resources and Development	74765
Missouri Grain Warehouse Dept	79607
Missouri Poultry Improvement Association	68136
Missouri State Entomologist	20813
Missouri State Seed Testing Laboratory	18739
Mist S	54371
Mistric W J Jr	52382
	77294
Mita M	76461
Mitamura K	3921
	76452
Mitani S	67187
Mitchell A E	29943
	38929
	56416
	56882
	57465
	57466
Mitchell A H	5945
	16209
Mitchell A K	75953
Mitchell A W	95849
Mitchell C A	5356
	5357
	15837
	84346
Mitchell C C	46542
	80197
Mitchell C J	16888
	24987
Mitchel C L	4657
	7909
	25943
	26098
	44771
	86872
	86873
Mitchell C W	5777
	17241
	24265
	24266
	77057
	85213
Mitchell D F	16719
Mitchell D G	35539
Mitchell E	95526
Mitchell F G	27713
Mitchell F S	69235
	78335
	78479
Mitchell G D	46692
Mitchell G F	38373
Mitchell G H	25687
	26564
Mitchell H C	41160
Mitchell H H	15097
	23827
	28197
	38095
	44423
	50752
	67257
	75908
Mitchell H K	16694
	47844
	64672
	64686
	81109
	89894
Mitchell H L	8405
	22847
	50753
Mitchell H P	51392
Mitchell I W	62036
Mitchell J	13836
	74927
Mitchell J A	91875
Mitchell J A R	67756
Mitchell J B	27962
Mitchell J H	41732
Mitchell J H Jr	17576
Mitchell J S	36522
Mitchell J W	23981
	29331
	91056
Mitchell K G	16056
	24235
	24237
	60432
	85234
Mitchell K J	15534
Mitchell K J C	85514
Mitchell L M	15617
	51426
Mitchell M B	47844
	64672
	64686
	81109
Mitchell M P	9216
	15367
Mitchell M S	33143
Mitchell P	2874
	13015
	21734
	29996
	57506
	73787
Mitchell R A	94251
Mitchell R L	22752
	68227
Mitchell R T	68973
Mitchell T B	34527
Mitchell T J	79636
Mitchell W	20353
Mitchell W A	16701
	43519
Mitchell W C	24417
	60954
	77873
Mitchell W G	8887
	66383
	82873
Mitchell W H	21384
	61440
Mitchell W K	14039
	17303
Mitchell W M	67918
Mitchener A V	52809
Mitchison H	44467
Mitić N	85151
Mitfushkin T	78551
Mitlacher W	64739
Mitlin N	6546
	24840
	33926
	52530
	77843
Mitra A K	2230
	2231
	2803
	8639
	8640
	38507
Mitra C	70957
Mitra J	926
Mitra J N	47740
Mitra K K	12195
	23180
	56806
	73200
	81553
Mitra M K	18120
Mitra P K	78277
Mitra R D	52562
	68726
Mitra R P	58114
Mitra S N	87871
Mitrany D	55692
	63735
	71592
Mitrokhin M	96000
Mitrokhin M A	51932
	67757
Mitropol'skaia A D	59779

	Item
Mitropol'skiĭ A	24537
	77477
Mitrovic M	59352
Mitsch G E	65691
Mitscherlich E A	59351
	58302
	58303
	82874
Mitscherlich G	14580
Mitsek V E	32707
Mittelberg R	4494
Mitteldorf A J	54599
Mittelfränkischer Bienenzüchter Verein	52279
Mittendorf H J	70838
	79215
Mittler S	24841
	43532
Mitton R G	36557
Mitwally M	71453
Mix L S	76350
Mix W B	89632
Mixner J P	76351
	76352
Mixon J A	69718
	78760
	94604
Mixon J E	91845
Mix-Sprakensehl W	3210
	14357
	14358
Miyabe T	17990
	17991
Miyagawa I	93526
Miyajima H	50328
	90037
Miyakawa K	82905
Miyakawa T	89722
Miyake I	50632
Miyake M	33052
Miyakoshi M	39175
Miyamori A	64894
Miyamoto I	54901
Miyamoto M	65692
	82407
Miyawaki Y	38720
Miyayama H	78239
Miyazaki J	28417
Miyazaki K	50573
Miyazaki M	26958
Miyazima H	50651
Miyoshi S	50435
Mizuho A	43019
Mizunami K	26394
Mizuno G R	44662
Mizushima M	28569
Mizzan G	84255
Mjaaland O F	14835
Mjåvatn K	16315
	93627
Mjøen S	53973
	62147
Mkrtch'ian V S	62624
Mladenov Z	84878
Mlinac F	76650
Moakes R C W	88000
	88001
Moar N T	56660
Mobbs J A	13016
	13017
Moberg H A	7388
	25404
	44204
	44205
Moberg K	92786
Moberg W W	90384
Möbes	92923
Möbus W	8478
	24598
	34065
	34066
Mo T	80570
Moch R	33590
	51919
	85224
Mochalov V Z	90642
Mochizuki M	34609
	93879
	94197
	94198
Mochrie R D	51099
	59563
Mock F	37513
Möckel K H	42479
Mockford E L	17166
	52894
Mocquot G	8128
	8129
	79022
	79143
	87048
Mócsy J	5828
	75904
Mocsy J v	85394
Moczar L	25005
	85912
Moczar M	60858
Mod A	44630
Modaelli P M E	88794
Modderman P J R	2652
	13829
Modderman P S	9708
Mode C	75384
Mode S	21144
	21145
	30298
	40046
Modén H	38866
Modern Poultry Keeping	42809
Mödlhammer V	40068
Modlibowska I	927
Moe D L	7339
	94465
Moe E	59495
Moe E O	38006
Moe G G	39521
Moeller A N	15297
Moeller F	46906
Moeller de Laddersous A J	18949
Moeller F	55014
	56693
Moeller S	13492
	22322
	21289
	90955
Moen A	41733
Moens A	18950
	27394
	69236
	78489
	90257
Moerath E	91568
Moericke V	77972
Moerman J A S	62599
	65874
	79504
	87375
	87476
	95124
Moeschlin F	56231
Moeser	92552
Moessner K E	22286
	75227
Moest	45111
Moewus F	928
	12537
	39247
	64637
	72997
	81630
	90038
Moewus L	56314
	81630
	90039
Moffet W B	57789
Moffett B W	6936
	7506
	39676
	53327
Moffett J O	68675
	34067
	52280
	85506
Moffitt E L	18963
	27259
Moffitt J G	16075
Moffitt J L	88781
Mofranek A M	91318
Mogall K	75251
Mogavero M	87352
Mogensen M S	7996
Mogensen T	2585
Mogi K	5328
Mogil'nyĭ E A	27144
Mogut K	35123
Moh C C	29332
Mohajir A R	81264
Mohamed G	28161
Mohammad K S C S	82900
Mohan B N	43598
Mohanty A P	59106
Mohanty U N	462
Mohaupt A A	22750
	75718
Möhl H W	53263
Möhler	92048
Mohler J D	43504
Mohler J R	87781
Möhler K	92071
Mohler M A	4354
	92470
Mohn N	68757
Mohnwitz W	83711
	84013
Mohr	94510
Mohr A W	93536
Mohr C	87872
	95346
Mohr C E	57735
Mohr F	68070
Mohr H C	78436
Mohr I H	9461
Mohr K H	66384
Mohr M	19231
	47050
Mohr O	2037
	6222
	6223
	6224
	6225
	16412
	16413
	34068
Mohr R W	33939
Mohr W	49438
	53872
	53873
	53974
	62073
	62074
	62236
	70153
	79156
	86939
	87000
	87001
	87002
	87003
	87004
	87034
	87035
	94760
	94860
	94861
Mohrberg W	15004
	22746
	22747
	41647
Mohrbutter	80043
Mohren J	87410
Mohrenweiser D	30105
Möhring H K	20857
	20858
Mohrmann J C J	10133
Mohrmann J M	82779
Mohrmann K	58455
Moilanen M	14997
Moir R J	16014
	16029
	76990
Moir S	50099
	75611
Moir W	20751
Moirano A A	28086
Moiseenko D A	35540
Moiseenko S N	74371
Moiseev A E	60951
	77756
Moiseev K V	77478
Moiseev N	44099
Moiseev N F	7074
	94252
Moiseev T N	58456
Moiseev V F	68192
Moiseeva V N	32673
Moissejew N	44100
Moizard A	62935
Moja A	48307
Mojonnier J J	45029
Mojžíš V	12792
Mok B C	1528
	82110
Moke I A	53555
Mokashi V K	91330
	91331
Mokeev P I	22527
	41348
Mokin M D	36523
Mokshina V	26099
Mol van oud Loosdrecht W E de	43533
Molaison L J	36741
	54710
Moland A	95739
Molander E G	61553
Molano Campuzano J	44812
	53731
	53785
	62075
	70249
Molberg J M	19838
Molbert H	44206
Mølby T	6226
	24599
	34069
Molchadskiĭ S R	3456
Molchanov A A	91894
Molchanov V L	30106
Moldavan A	7634
	8159
	35732
Moldenke A L	29747
Moldenke H N	57
	147
	148
	19827
	28570
	29747
	47259
	47260
	64193
Mölder K	47325
Moldovanov A I	91535
Molé-Bajer J	81631
	81632
Molen H van der	1405
	57279
	90385
Molen S J v d	7340
Molen W H van der	83008
Molenaar A	2954
	5174
	18699
	18700
	49908
	58457
	68137
	71035
	71036
Moles H S	40069
Molestina O E	18121
Molesworth F C	75198
Molev E V	24842
Moley R	54274
Molfino J F	2474
	19797
	35335
	21455
	40350
	45556
	49360
	59107
	66071
	74372
	74373
	91121
Molfino R H	40550
	82655
	91324
Molin	17441
Molin G	62406
Molina C	58304
Molina J S	54738
Molina Molina J	59496
Molinari E	27195
	27196
	54931
	54932
	85395

	Item
Molinari P E	6072
Molinelli J C	14201
Molinier R	12396
	28451
	64601
Moll A C	65300
Moll T	15635
Molle A	8269
Mollenhauer R	75533
Möller	70097
	73583
	79097
Möller A	34264
Moller A E	4495
	9675
	12878
	18790
	18791
	30577
	30578
	59581
	88069
	88070
Möller C	25164
Møller C M	50253
	58793
Möller E	25732
Moller F	37371
	63413
Møller F H	47345
Møller J	2585
Möller O	58458
Møller P	43043
Møller R	3233
Møller S	8270
Møller T	23501
	88381
Moller Bordeu F	61960
Møller-Madsen A	53975
Möller-Malan D	40821
Moller-Racke I	43115
Møller-Sørensen A	38231
Möllersvård S	74036
Mollett J A	25165
	95865
ollet-Vieville F	44941
Møllgaard H	41853
Mollin F	80622
Mollin F E	75078
Mollison I A	91325
Mollison J E	66214
Möllmann F	37674
	54858
	88648
Molnar I	13967
Molnar I A	84615
Molotai M	51719
Molotkovskii G Kh	929
	930
	39121
	39122
	56883
Molotkovskiĭ Ū G	56883
Mols	84344
Moltesen P	50598
	59137
	75534
Moltesen P A	17653
	55267
Molukalo I S	58821
Molukalo V S	25230
Molyneux G W	87083
Momberg-Jørgensen H C	15636
	59891
	76597
	84582
	84583
Momirovski J	91122
	91123
	91124
	91125
	93628
	93629
Momiyama Y	72998
Momma N	82032
Mommaerts E G	60165
Mommers J	16414
	60711
	77479
Momsen	3831
	96098
Monachino J	28553
Monachino J V	145
	702
	47261
	47262
	47263
Monaghan J L	83786
Monaci M	20572
Monahan E	76462
Monasenko V V	32364
	33436
	84975
Monastero S	34528
Monatt S M	46167
Monbet J	52383
Moncade G	18332
	26596
	54383
	55478
Monceaux R H	18646
Moncey A	67059
Monciero A	90950
Monclin	82099
Monclin H	1215
Moncrief J B	29812
	31247
	39570
	39571
	40747
	40748
	48562
	74672
Moncrief T E	27025
	79862
Moncrieff R W	54136
Moncur E	2944
Mondt L R	21385
Monestiroli C	32550
Moneva y Puyol J	89044
Money P L	22591
	67106
Money-Kyrle A F	23084
Monfort F	94968
	94969
Monfort G	62037
Mongar J L	54137
Mongodin B	32750
Monier-Williams G W	25673
Monin A	13054
	20942
	57440
Moniz L	56581
Monjot L	67936
Monk C R	67833
Monk R J	792
Monlux A W	77118
Monlux W S	42184
	42185
	68071
Monnet	6895
Monnezin E	45402
	67382
Monnier	52978
Monnig H O	89166
Monod T	11487
	28492
	72933
Monosmith R O	21146
	57736
	90843
Monot	2233
Monot G	16599
	26597
	65875
Monoyer A	81265
Monreal G	19656
Monreal J	76750
Monro H A U	84976
	5973
	16219
	68438
Monroe C F	15368
	15369
	15370
Monroe C M	28929
Monroe M M	47087
Monroe R A	5306
	33315
	76978
Monroe W P	51405
	59856
Monrós F	16600
	16601
	34265
	43464
	52465
	77757
	77758
Monselise J J	62492
Monselise S P	20354
	23114
	29333
	36282
Monserrat J	9822
Monseur X G	93537
Monsma L E	5481
Monson O W	82967
Monson W J	50883
	51585
Monsur K A	16015
Montagna A	20573
	53035
	65154
Montagne R	27825
	37675
	55537
	55538
	71693
	71694
	80388
	88503
	88649
	95909
Montagu J	27528
	27529
	37372
	46302
Montague E H	36829
Montague J G	41854
Montague T G	17843
	44772
Montal T	76579
Montaldo A	20031
	47683
	72586
	72724
Montaldo B A	89633
Montalvo H G	63587
Montana Bankers Association	80044
Montana Camacho G	80198
Montana Livestock Sanitary Board	50869
Montana State College	29748
Montana State Entomologist	32746
	24404
	24455
	86039
Montana Wool Growers Association	18122
Montano J	3797
Montanari V	3402
	4355
	4095
	4096
	10134
	29857
	31131
	31132
	31133
	31426
	31427
	36408
	48628
	65261
	66544
	66545
	66546
	76101
	90258
	94671
	82111
	83005
	89121
Montant C	28699
Montarlot G	58179
Montasir A H	72934
	72935
	72999
Montbron H de	37849
	88610
Monte G D	93449
Monte G dal	34189
	45557
Monte P del	50870
Montealegre M R	41124
Montefredine A	29473
Montégut J	20124
	72680
Monteil L	59216
Monteiro E L	15571
Monteiro M	19232
	72017
	86040
Monteiro da Silva J R	19798
Montel L R	15594
Montelaro J	2234
Montell J E	5603
Montelucci G	81385
	89785
Montemagno F	84345
Montemayor M	51323
Montemurro O	59497
Montenegro G	58316
Montenegro G	E41208
Montero	8524
Fernández A	81916
Montero y García de Valdivia J	10439
Montes A L	45785
Montes Ortega M	46934
	72058
	80623
Montestruc E	43599
Monteverde J J	59691
	84683
	84684
Montezemolo M C di	40822
	57439
Montgomerie J	42294
Montgomery B E	1349
	17167
	19657
	65101
	94032
Montgomery C	78619
Montgomery F A Jr	87332
Montgomery F H	20355
Montgomery G A	3922
	13862
	17276
	23335
	33684
	42077
	50754
	59582
	60466
	65011
	67502
	84778
	93291
Montgomery G L	51401
Montgomery J E	7341
Montgomery J P	18895
	54993
	71454
Montgomery R G	53264
	54673
Montgomery T M	88504
Montgrain C	14743
Montguerre J M	9607
	37514
	70958
Monti A	95886
Monti M	61961
	62468
	63807
Montigel E	27026
	63000
Montigny J	62237
	87081
Montmagny C de	5482
	32456
	33628
	51788
	84779
Montón L G	24456
Montreal Food Technologists Association	26663
Montreuil J	7798
Montrose S M	41947
Montu M	88002
Monty T J	70431
Monvoisin J	70244
Monzini A	11137
	17876
	90386
Monzón L	95344
Mooar M	81270
Mood F	27915
	95887

	Item
Moodie C D	21480
	21735
	40425
Moody E G	76102
	76353
	84206
Moody J E	66464
Mooiman J	4997
	33011
Moojen J	23479
	32895
	32952
Mook P V	31989
Mookerjea A	38930
Moolani M K	72301
Moolman J H	18123
Moomaw L	3962
Moon F E	81817
Moon G C	58659
Moon H H	2569
	21807
	29334
	39828
Moon J M	89256
Moon W T	55398
Mooney C I	6596
Moor M	38867
	81386
Moorahrend	80076
	95642
	95675
Moorahrend A	71344
Moorcroft J J	54674
Moore A	37222
Moore A C	5483
	23764
	24047
	33437
	36804
	36805
	42801
	45876
	60044
	60234
	60235
	63001
	67977
	84977
	92959
Moore A Q	62717
Moore A T	26337
	26427
Moore A V	79027
	79161
	94357
Moore A W	11685
Moore B	73584
Moore C A	71567
Moore C B	86580
Moore C C	32751
Moore C H	23765
	33113
	55399
	88382
Moore C K	27696
Moore C R	4133
Moore D A	20957
Moore D C	91173
Moore E	28188
	47414
Moore E E	25504
Moore E G	13968
	21147
	38309
Moore E H	44327
Moore E L	2235
	8920
	45461
	56583
	58493
	64471
Moore E L	72712
	73201
	73202
Moore E M	90040
Moore E N	95397
	60166
	60224
	84892
Moore F C	63163
Moore F J	72725
Moore G	88957
Moore G R	4658
	23336
Moore G T	11392
Moore H	57520
	81633
Moore H B	96148
Moore H E Jr	28571
	28572
	28573
	28574
	28575
	28576
	28577
Moore H I	27650
	46336
	57280
	73585
	83787
Moore H N	45717
Moore H R	9676
	63660
Moore I	39522
	46570
	67295
Moore J	2371
	66773
Moore J C	17777
Moore J D	47551
Moore J E	40201
Moore J F	49142
Moore J G	57737
Moore J S	24048
	24049
	51684
Moore K C	59583
Moore L	24935
	80596
Moore L A	4485
	4518
	15354
	50717
	51099
	53865
	76235
	76320
	83788
	84284
	92218
	92659
	92660
	93540
Moore L B	72457
Moore L P	5865
Moore M	93208
	5126
	76899
	92960
Moore M B	38169
Moore M C	63905
Moore M D	28774
Moore M H	345
	463
	89524
	89634
	89635
Moore M M J	28189
Moore M P	70798
Moore N	51720
Moore P	63002
	91431
Moore P R	28230
	45715
	77081
Moore P W	66465
Moore R	17678
Moore R B	14664
Moore R C	20308
	39048
	48007
	73197
Moore R E	1110
	9760
	9761
	22873
	27999
	28000
	37850
	46571
	48231
	80505
Moore R F	17992
	54810
	63029
	63030
	70250
	79874
	79875
	95416
Moore R J	64687
Moore R M	75399
Moore R N	36728
	36733
Moore R P	9638
	57007
	81786
Moore S III	16720
	17168
	34635
	61309
	69039
Moore S E	52281
Moore T	11062
	84346
	94381
Moore T E	34209
Moore V P	54138
	62407
	62408
	70428
	79293
	87246
Moore W	15455
	25489
Moore W B	3924
	8525
	50955
Moore W C	64368
	81169
Moore W E	2038
	21148
Moore W J	94491
Moore W R	45386
	66643
	66644
Moore W S	14359
Moorefield H H	6605
Moorehead P	92961
Moorhouse S	5717
	10135
	16037
	95810
Moorman R P	84188
Moormann F R	30834
Moortel L van den	10400
Moorthy B R	13821
	56754
Moosbrugger G A	41855
	41856
	41857
	41862
Moosbrugger S	83908
Moose P	2955
Mora C	2475
	19575
Mora Dávila N	7910
	15184
	19285
	21997
	22108
	34782
	37851
	73586
Mora Sadaba F	45786
	45787
Mora Urpi J E	90041
Moraes L	42295
	59780
Morais Filho M B	82935
	82936
Morais M C	62409
Moral Escobar C del	41008
Morales E	43465
Morales E M de la L	93788
Morales J O	64065
Morales M E	6063
Morales R	28233
	76463
	78969
Morales R T	41061
Morales Agacino E	61310
	86047
	94175
Morales Antequera C	9217
	50755
	63414
Morales Hernández J	73683
Morales Otero P	32365
	43081
Morales Romero F	6227
	43332
Morales y Fraile E	83010
Moran M	40351
Moran R	91
	11488
	38374
	65693
	80892
Moran T	45558
	70705
Moran W G	77304
Morand J	14343
Morandi L	31241
	31428
	55268
	88383
Morani V	13773
	13969
	40470
Moravec D F	76710
Moravets F L	22191
Moravskafà A S	94114
Morawek W	36016
Morazain J G	81917
	81918
Morbello T	81870
	88384
Morcos Z	71037
Morden B	3714
Morden R B	3715
More R E	21149
Moreau	27737
Moreau C	38536
	38537
	72587
	72629
Moreau F	64305
	72495
	89461
Moreau M	38536
	38537
	72629
	81266
Moreau R	73701
Moreau Y	18205
Moreaux	24600
Moreaux R	6228
	16415
	63946
	80693
	89064
	96158
Moree R	43534
Morehead F F	70432
	87247
Morehead G W	80332
Morehouse F G	53496
Morehouse N	23857
Morehouse N F	23952
	60167
	76816
	84886
Moreira L de A	71135
Moreira S	20086
	56376
	64554
Morekhin M G	2039
Morel C	49909
Morel H	14202
Morel L	54902
Morel P	53454
Morel R	69353
Moreland G	78394
Morell B M	27197
Morell D B	86919
Morell G	75909
Morell M	7799
	18792
	94672
Morelli A	13863
	31429
	90701
Morello J	73227
	89786
	90077
Moréna N	35831
Moreng R E	60168
	76682
Moreno A F	82726
Moreno C	71246
Moreno J J	8526
	45718
Moreno L	26655
Moreno R P	8176
Moreno Mora J	18234
	82100
Moreno Verdin L	37373
Moreno Villaneuva A	41084
Moret	90844
Moretti A	18206
	20859
Moretti G F	50815
Moretti G P	16913
	17169
	25136
	86088
Moretti M	54600
Moretti Canedo M	45630
	54502
	64930
	95241
Morettini A	1591
	13055
	13712
	20898
	20913
	29997
	48673
	48674
	73788
	82288
	90596
	90597
Moreux T	28435
Morey R G	62238

	Item
Morford V J	25265
	25490
	34961
	61554
Morgado F de P	59498
Morgado J L	62312
Morgado M L	2804
	64931
Morgan A	31134
	49910
Morgan A E	21878
	37852
Morgan A F	15776
Morgan A T	32752
Morgan B	33629
Morgan B B	16122
	32366
	34170
Morgan B F Jr	61767
Morgan C	33297
Morgan C N	1827
	2236
	2314
	3372
	13524
	14530
	21290
	30107
	39894
	48868
Morgan C V G	93713
Morgan D	46898
Morgan D H	10614
Morgan D O	42961
	76991
Morgan E	75364
Morgan E N	39221
Morgan F	87073
Morgan G	3925
	5866
	9545
Morgan G F V	62134
Morgan G T	60859
Morgan H	40587
Morgan H G	7479
Morgan J	47156
	80893
	80894
Morgan J G	83100
Morgan L	7006
	86441
Morgan M E	35764
	44918
	79098
	79188
Morgan M J	17992
Morgan N G	16937
	17993
	17994
Morgan O D	81325
Morgan O G	42375
Morgan O V	3164
Morgan S	82631
Morgan T W	41734
Morgan W P	35682
Morgan-Grenville G	57662
Morgan-Jones J F	47761
Morgando A	9823
	18880
	27530
	71455
	95622
Morganti H	36938
	71136
	88071
Morgen R A	10750
Morgenroth G	66741
Morgenthaler O	11324
	16416
	43333
	47051
	52282
	52283
	77480
Morgenthaler P	77481
Morgulis M A	32981
Morgun M P	80104
Morgun P M	80292
Morgushko P G	71137
Morhart H	50871
Mori A	3832
	92884
Mori C de	26203
Mori H	12397
Mori K	150
	93550
Mori M	18325
	90012
Mori N	64369
Mori T	11133
	19570
	50583
Mori Edible Fungus Laboratory	30450
Morias Jr J de	85812
Morihashi T	38721
Morikawa W	76837
Morillo M	55985
Morillon	88072
Morimoto H	4496
	39523
	39596
	42875
	46995
Morin E L	44468
Morinaga T	95740
Morini E G	84893
Morino K	91487
Moriondo F	38711
Moripen O	67025
Morishima S	91374
Morishita T	47968
Morison C G T	11263
Morita H	28778
Morita K	32266
	80339
	92327
Morita S	82877
Morita Y	13970
	58305
	82875
	82876
Moritz F L	9064
	12651
Moriya A	73068
Moriya N	39523
	39562
	39596
Mork E	3457
	3458
	14564
Mork R	35733
	38310
	44874
Morken C	84585
Mørkved K L	3310
Morlan H B	77175
Morley A M	78162
Morley E	15979
Morley F	13326
Morley F H W	3833
	83712
Morley P M	58907
Morley W C Jr	70610
Morling R	74037
Mormiche A	91787
Mornand	79295
Mornet P	5358
	32367
	52457
	32753
	32754
	36524
	59692
	76078
	92323
Morocco Direction de l'Agriculture	86170
Morocco Direction de l'Agriculture du Commerce et des Forêts Div du Commerce et de la Marine Marchande	80624
Morocco Serv de la Défense des Végétaux	931
Morocco Serv. de l'Horticulture	2237
	20814
	21736
	29897
Mission Horticole	13493
Morocco (Spanish Zone) Serv Agronómico	65342
	73748
	78552
	80362
Morosi G	55539
	63325
Moroz N	51324
Moroz V K	69273
Morozov N A	41469
Morozov N L	62313
Morozov P	24601
Morozov P V	932
Morozov V A	4356
	57108
Morozov V I	43999
Morozova N P	56918
	62321
Morozova O I	89224
Morozzi A	24175
	24176
	76550
Morpeth J C	7470
	18235
	35231
	53418
Morphet A M	23824
	76800
Morquer R	28699
Morra E	40933
Morrell R S	59108
Morrell S H	71068
	71069
Morrell T H	35186
Morrill A W Jr	85814
Morrill C C.	43922
	60467
	85266
Morrill G W Jr	21387
Morrill T C	88228
Morris A J	45030
Morris C L	72726
	89592
Morris D O	13327
	49034
Morris E G	60468
Morris E H	72302
Morris E M	63921
Morris E O	56707
Morris E R	54384
Morris E W T	77482
Morris F B	71878
Morris G P	73438
Morris H A	79100
	79157
Morris H A L	54647
Morris H E	38791
	56579
Morris H M	43827
Morris J C	74038
Morris J L	92682
Morris K R S	5974
	85758
Morris L	27027
	86406
Morris L G	40906
	40907
Morris L L	26509
	54256
	70555
	79390
Morris M L	42376
Morris N	13328
Morris N J	36759
Morris O W	32345
Morris Q L	36154
Morris R	81493
Morris R F	28916
Morris R H	42547
	60236
Morris S T	10401
	46489
	46490
	63582
	76103
Morris T B	36806
	79843
Morris T N	8888
	94605
Morris T R	84853
Morris V H	26713
Morris W	17508
Morris W E	5975
	9218
Morrisey R J	9219
Morrison A B	5260
Morrison A E	49035
Morrison B V	64064
Morrison B Y	2040
	13329
	30299
	49036
	65665
	73934
Morrison C	16155
	24698
	78276
Morrison C Jr	54739
Morrison C F	14852
	59028
Morrison D J	71615
Morrison E M	18207
Morrison F B	4497
	8396
	15098
	16071
	33565
	75788
	83789
Morrison F C Jr	67811
Morrison F D	52513
Morrison F O	5976
Morrison F R	36739
Morrison G	2238
	2239
	30451
	40218
Morrison G W	78779
Morrison H	93981
Morrison H B	79135
Morrison J W	81494
Morrison K J	57109
	57281
	57282
Morrison L	85396
Morrison M B	59002
Morrison P C	36114
Morrison P R	23337
Morrison R	15535
	69168
Morrison R A	51190
Morrison S H	3953
	59596
	76204
	76205
	76206
	76228
Morrison W W	8718
Morriss D J	31783
Morrow A I	80506
Morrow E B	65981
Morrow J A	1111
Morrow K S	37250
Morrow M G	39919
	48894
	68439
Morrow R R	41607
	41608
Morscheck H	71873
Morse A D	19545
Morse E V	4906
	15595
	42186
	51237
	84558
	84745
Morse R A	68568
Morse R E	9355
	36700
	70649
Morse T D	9220
	9221
	18515
	53732
	69938
	86874
	87728
Morse W J	45788
Morshin A	27395
Morsink G H	70741
	79608
	87635
Morsink G J	19286
Morso	8527
Morstatt H	47415
Mort C H	21013
	26598
	30146
Mort G W	74866
Mortelmans J	5313
Morten I H	73702
Mortensen C	59952
Mortensen E	28775
	90387
	90684
Mortensen H	28138
Mortensen J A	13451
	49134
Mortensen M	8130
Mortensen T	28453

	Item
Mortenson A	40881
Mortenson A O	3716
Mortenson E W	16784
	34425
Mortenson W P	15912
	18516
	36763
	36807
	42287
	44469
	45877
	54793
	63003
	79863
	93084
Mortland M M	40471
Mortlemans J	5312
Mortlock C	89851
Morton A C	23443
Morton A G	47845
Morton C V	11519
Morton D	14898
Morton Earl of	30300
Morton I D	35762
Morton J F	82515
Morton J K	43800
	80920
Morton J L	41858
Morton L	59781
	75979
Morton R A	11063
	75833
Morton W L	10440
Mørtvedt L	41009
Moryganov A	10312
	94890
Moryganov A N	37515
Mos D de	1769
	1788
	20944
	48800
	90519
Mosbacher E	53265
Mosbaugh H F	21614
Moschella M	88650
Moschett D	78745
Moschette D S	11043
	63906
	89002
Möschini E	20574
Möschl W	28578
	81008
Moscovici C	84845
Moscow Plodovo-Íagodnaía Opytnaía Stanítsiía	1656
Moscow Region Uprevlenie Sel'skogo Khozíaístva	29506
Moscow Vsesoiuznyi Nachno-Issledovatel'skii Institut Kormov	29749
	57283
Mosebach E	24843
	34359
Mosegaard J	2041
Moseikin I	55694
Mosel v d	79099
Moseley J M	9709
Moseman A H	17242
	20625
	25231
	47846
	81809
Moseman J G	36712

	Item
Moser A	14264
	58847
	63670
	78745
Moser E	6229
	15456
Moser E H	63164
	88958
Moser H	6506
Moser H A	36698
Moser L	20356
	30108
	31213
	39123
	48869
	49703
	58306
	90042
	90685
Moser M	933
	29115
	45984
	72496
	72497
	89462
Moser R E	37166
Moser R E Jr	36784
	79505
	79852
Moser W	29898
Moses B D	61679
Moses D	63678
Moses H E	42681
	42682
	84894
Mosher A T	10136
	80507
Mosher H E	57738
Mosher K H	40070
	82408
Mosher M L	37606
Mosher R	40070
Mosher W F	5829
Moshi Native Coffee Board	30686
Moshkin V A	39597
Moshkina A	59782
Moshkov B S	81634
Mosiashvili G I	25840
	44712
Mosimann E	92924
Mosiuk M F	91326
Moskalenko Kh S	59217
Moskalev I	34070
Mosle H B	51028
Mosna E	6547
	6606
	16721
	64042
	93880
Mosolf H	71138
Mosolff H	18793
	36934
Mosolov I V	934
Mosolov V	20575
Mosquera Arroyo J	54965
Moss B S	44030
	66182
Moss D J	17937
Moss E H	39524
Moss H C	13836
	66233
Moss J A	51029
	59499
Moss L C	84532
Moss R A	48020

	Item
Moss S	4415
Moss T	32647
Moss W A	65000
Mosse B	90643
Mossé J	64544
Mossel D A A	17558
	26959
	53874
	62936
	72108
Mösslacher H	66788
Mossop M C	17126
Most K	42395
Mostafa M A	47552
	90167
Mostert J W C	57340
Mostert T	26552
Mosti A	1112
	1216
	39734
	43677
	66261
	74867
Mostin	10988
Möstl R	55695
	55696
	55697
Mostov S	63839
Mostovov V A	83207
Mota F	66818
Mota F S da	89787
Mote D C	6726
	34430
	77891
Motheral J	46543
Motheral J R	37516
	55540
	63632
Mothersill M	94606
Mothes E	78358
Mothes K	12398
	73203
Motizuki Y	93539
Motkin V M	40701
	58307
Motlow T	40882
Motohiro T	18839
Motomura M	94182
Motovilov G P	91712
Motrenko T G	38984
Mott F E	62148
Mott G O	73577
Motte H	11188
Motte J	81437
Mottet R G	48499
Mottier P P	77483
Mottram R H	25647
	71568
Motts G N	61769
Motyka J	89463
Motz F A	26495
	45287
Motzok I	23861
Mou T S	81635
Mouat A H	10989
	27651
	55400
Moubray D M	1468
	31034
Moucha J	47052
Mouchamps R	52466
Mouilhaud M	1406
Moulaert J	87115
Mould E	63415
Mould R C L	49037
Moulder J W	23978

	Item
Moule G R	5687
	5688
	33566
	70897
	79766
	93172
	95318
Moulin A	77484
Moulin F de	5359
	23338
Moulin R	37853
Moullec J	76817
Moulter H	34845
Moulthrop I M	5307
	93019
Moulton H J	43334
Moulton J E	21344
	21345
Moultrie F	24050
	33316
	76699
Moultrie L G	52119
Mounat A	23155
Mountjoy B M	8889
	26540
	36228
	45308
	54376
Mountney G	9546
Mountney G J	9547
	18701
	27028
Moura R A	15571
Moura V	37964
	80571
Mouravieff I	29335
	81636
Mouravieff M	16602
Moure J S	25006
	34529
Moureu	76992
	93173
Mousques R P	59953
Moussatché I	4134
	32368
	83909
	84685
	92324
Moustgaard J	5778
	33740
	43043
	85214
Moutia L A	6502
	85913
Moutte P	4907
	13494
	32927
	84533
Movsisían E M	31242
Movsisíants A P	20691
	50756
	62314
	74766
Mowder W H	23388
Mowery A S	7007
	17425
	17501
	25554
	33366
	44000
	44143
	44245
	52979
	52980
	61371

	Item
Mowery A S	61643
	69121
	78395
	78553
	78554
	86314
	86357
	94434
Mowery R C	15989
	51811
Mowery R W	18027
	61482
Mowry D T	74423
	82670
Mowry J	57460
Mowry J B	57556
Mowry R C	87729
Mows H	80199
Moxley J J	76104
Moxon A L	3926
	11164
	22836
	22837
	23808
	23809
	32633
	45524
	68769
	92541
Moxon V W	30831
Moyal M	42928
	42993
	85152
Moyano A	1015
Moye D V	66687
Moyer D D	33438
	42611
Moyer F L	81769
Moyer J C	8890
	18333
	62625
	62626
Moyer W W	41634
	67210
Moyls A W	28234
	36160
	79372
	95047
Moynihan I W	60455
Moynihan L W	77120
Moyse A	12399
	29336
	39184
	48021
Moyse-Mignon H	19840
Moyses W	60712
Moysey E B	34935
	95184
Mozambique Reparticao de Estatística	44631
Mozambique Reparticão Técnica de Estatística	35420
	10990
Mozgovaía R	59808
Mozhul' V G	31880
	91964
Mozokhina-Porshniakova N N	88008
Mrak E M	17795
	34381
	53395
Mramorshchikov S	40219

	Item
Mraz C	52284
Mraz J	60361
Mrkos G	39342
Mrowetz G	26229
	70014
	86928
Mrożewski S	90674
	95125
Msindwana M M	29944
Muan P	71569
Mucha T J	8271
	44894
	70185
Mucherl P L M	84686
Muchnik S IA	58908
Muck O	92219
Muckadell M S de Baron	91756
Muckadell S de	66959
Mücke K H	53306
Mücke R	69939
Mückschitz G	29337
Mudaliar A P	19287
Mudaliar C R	66072
Mudaliar N R S	19433
Mudaliar T V	4135
Mudaliar V R	39428
Mudd C H	95808
Muddeman J M	10549
Mudra A	73658
Muehlbeier J	21879
Muehlberger C	57739
Mueller A G	19179
Mueller A O	12400
Mueller C D	5303
	5484
	7317
	15938
	24050
	33153
	33316
	51539
	51540
	51642
	51643
	60169
Mueller C H	2042
	30301
	74039
Mueller F	45213
Mueller G P	12400
Mueller R A	79864
Mueller R T	47906
	48117
	49824
Mueller W	9677
Mueller W F	79980
Mueller W S	7635
	53875
Muello A C	11686
	14466
	21291
	82632
	86775
Muello A T	29750
Muench J	65648
Muench J R	11393
Muenscher W C	92
	93
	11394
	11489
	13713
	56292
	64141
	89225
	89788
Muenscher W C L	21388
Muer	49828
	55269
Muesebeck C F W	11264
	68896
	93331
	93332
Mufti A D	3234
	31430
Muga Lopez F	18907
	46544
Muganlinskaîa D	28235
Mugge J	26599
Muggleton P W	58144
	66206
Muggleton W J	68796
Muggli F	26204
Muggli J	68293
	75789
Muhammad I	39735
	39736
Muhl H	49038
Mühlbauer J	25841
Mühlbauer K	88651
Mühle	25512
	86108
	86267
Mühle E	68676
Mühle W	69122
	69123
	69124
Mühleisen R	12401
	62560
Mühlendyck E	852
Muhlethaler K	12131
Muhlethaler P	64446
	89525
Mühlich L	69397
Mühlmann	56540
Mühlow J	60581
Muhm D	71874
Muhr A	20312
Muhr G	40197
Muhr G R	49704
Muhr O	61223
Muhrer M E	67811
Muijen J C	40802
	48870
Muijzenberg E W B van den	1592
	1770
	34783
	44159
	56417
	78627
Muilwijk E van	4357
	51325
	67758
	67937
	84457
Muir	40517
Muir A	2646
	48022
	82755
Muir A F	41372
Muir J	60320
	92553
Muir J W	74456
Muir R M	12332
	48032
Muir W D	52721
Muirhead C	40588
	46303
	54632
Muirhead D	30302
Muirhead D B	42994
	59783
	62844
Muirhead G D	13330
	30303
Muirhead-Thomson R C	34412
	68487
Muirheid B F	83011
Muizon P de	75421
Mujica Dueño M A	25166
Mujica R F	11860
	20032
Muka A A	6524
	68677
Mukařovsky L	15298
Mukerji A	4136
Mukerji A K	83181
Mukerji B K	9462
	40702
Mukerji D	17170
	78277
Mukerji K P	9941
Mukerji S K	15379
	40472
Mukhachev A V	33053
Mukhamedova È D	33536
Mukharjee B N	15185
Mukherjee A K	19493
	62410
	62411
	70433
	87248
	88959
Mukherjee B N	85120
Mukherjee D	18124
	26395
Mukherjee J N	82780
Mukherjee M B	91189
Mukherjee N C	15345
Mukherjee P G	20626
Mukherjee P K	93958
Mukherjee R	8528
	15186
	88795
Mukherjee S	1529
	36734
	90043
	95527
Mukherjee S K	56708
Mukherji D K	29338
	95471
Mukhin A	34851
	69354
Mukhina N A	39502
Müksch L	13864
	31214
Mukuno S	50443
Mulally M J	29858
Mulcahy P H	62937
Muldal S	24699
Mulder A J	15536
Mulder D	2805
	12011
	20097
	20357
	47645
	81637
Mülder D	3489
	31568
	89636
Mulder E G	82810
Mulder G	10991
	62469
Mulder G J A	88385
Mulder H	8001
	8272
	13331
Mulder H	79028
	87005
	94852
Mulder T	53786
	89025
	94585
Muldoon T J	7559
Mules M W	6602
	76993
Mulford K E	25674
	35302
Mulgrue J	78970
Mulholland W D	22086
Mull L E	70288
	79158
	79159
	87124
Mulla F H	26396
Mullahy J H	89852
Mullally M J	95811
Müllenbach	9865
	9942
	9943
	18951
Mullendore C H	46107
Müllendore G	3068
Muller	72727
Müller	1217
	9887
	41144
Müller A	45387
	54874
	83343
	88537
	95837
Müller A F R	79813
Muller A S	11687
Müller B	11395
	25007
Müller C	25296
Muller C H	11490
	72936
	73069
	89335
Muller C J	30304
	40071
Müller C R	21150
	30305
Müller D	151
	1218
	73828
	81615
Müller E	5068
	9278
	15187
	16417
	28683
	28700
	28701
	28836
	32369
	32755
	34071
	41085
	44813
	50872
	51238
	63289
	67659
	68072
	72498
	76354
	76818
	77485
Müller E A	95676
	95677
Müller E S	26840
Müller F	6230
	7911
	28270
	52285
Muller F M	32067
Müller F P	34475
Müller G	7912
	12793
	16603
	59352
	63671
	69237
	71777
	77759
	85665
Müller G A	4908
Müller H	3403
	16599
	20945
	22304
	23502
	31645
	39829
	41189
	58699
	65436
	71149
	86109
	91229
	95538
Müller H J	6671
	24844
Müller H W K	11654
	24932
	56391
	72553
	77618
	77619
	81333
	89714
Müller H W L	82112
Muller J	50757
	67978
Müller J	28236
Muller J L	92028
Müller K	34828
	69215
	70434
	86555
	94673
Müller K H	28376
Muller K K	19769
Müller K O	29012
Müller K R	16220
	52467
Muller L	78803
	38039
	53519
	55848
Müller L F	42480
	67919
Müller M	32756
	75910
Müller O	10992
	10993
	16418
	28139
	34072
	34073
	35187
	44919
	53520
	55849
	63860
	72059
	72060
	83672
	88960

	Item
Müller P	16296
	94358
Müller R	3404
	14565
	16083
	50329
	66872
	70959
Müller R H	5830
Müller W	4358
	5485
	33221
	33317
	42612
	61483
	68073
	71247
	87636
	90044
	91989
Müller-Baur H	92637
Müller-Fembeck J	1024
	40823
Muller-Henneberg H M	22661
	41550
	50542
Muller-Idzerda A C	2043
	40072
Müller-Kemler	55592
Müller-Kögler E	52810
	81267
Müller-Lenhardt	32648
Müller-Lenhartz	32260
	50758
Müller-Preetz H	70076
Müller-Stoll H	47179
Müller-Thomas	41145
	58731
	66898
Müller-Wiener	28001
Müllereitagung	9065
Mullet H A	95741
Mullett H A	88386
Mullick D N	51125
Mullie	46304
	89122
Mulligan B O	13332
	28436
	28579
	89226
Mullin A	22344
	41243
Mullin J	32649
	60952
Mullin R S	2240
Mullins C	71778
Mullins H K	5175
	24051
Mullins J	85121
Mullins J C	76355
Mullins T	95196
Mullison W R	13597
	21389
	74300
Müllner L	13124
	18288
	21003
	39906
Mulloon V I	74868
Mul'ner IU S	26798
Mulrennan J A	43600
	85816
Mülschlegel J S	33154
Mulvany J L	25270
	44814
	53787
Mulvany J L	53976
	62076
	70004
	79029
	79030
	94761
Mulvey R R	65101
Mulvey R W	3280
	66855
	83288
Mulvihill R C	49039
Mulville R W	62535
	70574
	79411
Muma M H	6375
	85327
Mumford H W Jr	26462
Mumford P	96119
Mumgaard M L	86510
Mumm H	44827
	79042
	79043
Mummery W R	26205
Münch A	16419
Münch E	153
Munch J C	76551
Münchberg F	44815
Münchberg P	5977
	6064
	68503
Muncie J H	89637
Munde	9944
	18952
	46193
	46305
	55479
	55698
	62575
	88291
Mundell M	32650
Munderloh W	67979
Mundim O	88450
Munding H	20442
Mundinger E	11064
	62239
Mundinger F G	52661
Mundkur B B	279
	38550
Mundkur B D	20228
Mundt J O	45719
Munger E S	53667
Munger H M	36713
	49186
	56898
Munger T T	30306
	50298
Mungomery R W	11688
	11689
	64370
	93450
Munilla A	63907
Muñiz C M	8273
Muniz Cartaya J R	28580
Munjal R L	247
Munk A	72487
	72728
Munk K	23953
Munk O	67026
Munn M T	20527
	29339
	30307
	39270
	39677
	40220
	63079
	71107
	72303
Munnecke D E	3111
	64529
Munns E N	74767
	83453
Munns S	87497
Muñoz A A	85054
Muñoz G	55270
Muñoz J E	16297
	16298
Munoz V D	91856
Munoz Garces C	60094
Muñoz Grandes F	63808
Muñoz Marin L	27198
Munoz Medina J M	89336
Muñoz Taboadela M	66183
	66222
Muñoz Torres A	10442
Munro C	63516
	80293
Munro C A	24032
Munro H K	93881
Munro I B	42647
Munro J	29012
Munro J A	6607
	6608
	16604
	61230
Munro S S	5486
Munroe E	16989
	17047
	43828
Munroe E G	17048
	68974
Munshi M C	8529
Munson W A	1407
Munson W H	44207
Münster J	2241
	30428
	85858
Münster Universität Institut für Genossenschaftswesen	71295
	71985
	95619
Muntañola M	81268
	81315
Münter	37607
	46491
Münter A	93085
Munter A M	44528
Munter E L	53080
Munter F	73587
Münter W	15747
	33155
Muntinga J E	71695
Muntz H H	3421
	66940
Müntzing A	49
	12211
	38232
	47847
	47848
Munz P A	38375
Münzberg H	8131
	45112
	62315
	71875
	94909
Münzel-Munzthal M	53266
Mura D	76994
Muraai S	8530
Murai S	47715
Muraiama S J	13495
	57857
	82222
	90956
Murakami M	83255
Murakishi H H	34708
	56418
	56612
	72857
Murakoshi M	74374
Murányi F	4659
Muraoka Y	79986
Murari T	20692
Muraro U	70435
	87249
Murash I G	49187
Murashko N	7125
Murata K	11065
Murata M	72167
Murata T	50599
Muratov D	92554
Muratov S	59916
Murav'ev A	37210
	44196
Murav'ev A S	1630
Murav'ev I I	34936
Murav'ev S	30991
	96217
Murav'ev S A	29340
Murav'ev V A	63120
Murayama D	6866
Murayama S J	61962
	80508
Murayama T	18125
	26397
	62412
	70436
	70437
	70438
Murbach	86776
Murbach R	6424
	60860
	85858
Murdock D I	54320
	70540
Murdock F	41859
Murdock F R	22838
	23211
	23233
	23234
	35064
	42078
	42079
	76156
	76207
Murdock H R	41551
Muretova K	9752
Murgatroyd J H	34190
Müri E	20860
Murillo C M M	10313
Murillo L M	85397
Murillo S R	23134
Murillo Peralta G	11861
Murley M R	152
Murley R	32165
	59073
Murnane D	84347
Murneek A E	13971
	57557
	65437
	74274
Muro P de	4918
Muroga K	28140
Muroga T	90045
Muromtsev S N	11600
	22966
Murphey M Jr	93592
Murphree L C	16221
	43194
	43195
	85364
	85365
	85370
	85398
	85399
	85400
Murphree R L	15948
	67503
	77136
Murphy A L	87201
Murphy C	59584
Murphy D	3927
Murphy D R	95742
Murphy E	79077
Murphy E A	54832
Murphy E F	57578
	72640
Murphy E W	46762
Murphy H J	58308
	66435
Murphy J M	51239
	76651
Murphy N F	16222
Murphy P B	96137
Murphy R P	82033
Murr F	65694
Murr L J	92726
Murray A T	10507
Murray C A	46434
Murray D B	73789
Murray D L	88581
Murray E W	93122
Murray F C	74922
Murray G B	63004
Murray H C	66218
Murray H R	36290
Murray I	89337
Murray J	24212
	62894
	64895
	70960
	70961
Murray J A	18269
Murray J R	61743
Murray K E	9463
Murray M	9678
	95528
Murray M C	68177
Murray M D	71009
Murray N F	34784
Murray P	34610
Murray P C	35903
	70331
	87151
	87152
	87153
Murray R E W	87637
Murray R R	83275
Murray R V	25733
Murray W G	27881
	37726
	55582
	71195
	71728
Murre M	65012
Murrill W A	266
	28702
	28703
	38538
Murry J M	95812
Murthi K S	70962
Murthy A R V	40419
Murthy G S	1219

Murthy M R V 17137
Murthy S N K 23173
Murti B K 52475
Murti V N 96099
Murto J O 14923
22662
83618
92102
Murty B R 60837
Murty V N 51125
59671
Murwin H F 2806
Murzaev B V 20763
Murzeau G 53618
Musahib-ud-Din 38884
39737
Muscatello G L 6896
Muscatello L 3311
Muschler A F 92167
Musée du Congo Belge 6512
85647
Muser H H 95813
Museum of Applied Arts and Sciences 36739
Müsger K 44773
62886
63647
Musgrave A 33815
43125
Musgrave A J 6065
6231
18594
24759
Musgrave K 11095
Musgrave R B 75343
Musgrave S D 53788
76236
Mushnikova K S 38714
Musienko S T 48401
57297
Musiĭko A S 38985
Musil A F 28581
45953
Muskett A E 11690
63416
Musmarra A 29596
Muspratt J 6548
Muspratt V M 17049
68975
94115
Mussche L 68440
Mussehl F E 5206
32261
60095
76710
88582
Musselmann E 55401
Musser A M 48895
Musser H B 13972
44137
49402
57740
74040
Musser R H 91143
Musshauser J 6232
68569
77486
77487
77488
Mussiger W 77489
Mussill J 22967
32757
Musso C 70005
Mustakallio E 84348
Mustard M J 46996
70650
70651
Mutén R 56116
Muth C F 26766
Muth O H 42962
Müthling H 19356
Muthmann G 35011
Mutinelli A 21456
Muto K 39175
39176
48057
50443
Muto S 11066
19540
Mutovin V I 32370
Mutti R J 54503
54504
88906
95185
Muttoo R N 2476
6233
24602
34074
38233
52286
52287
55850
68570
68571
85507
Mutz H 11671
Muyshondt C R 30992
30993
Muyzenberg E W B van den 29945
69125
Muzik T J 20340
39125
40295
82194
82570
Muzĭukin V S 41319
Muzzati G 34075
Muzzi S 38376
75002
Myatt O W D 65262
Myburgh A 68616
Myburgh A C 43678
68678
Myer E H 88229
Myers B B 26868
Myers C A 73290
Myers E A 91432
Myers G 46851
94435
Myers G M P 12402
Myers H E 49549
49550
74869
Myers J 234
935
20382
Myers J M 66547
66671
Myers K 77874
80734
Myers K H 12794
29751
Myers L 95866
Myers M 37676
37678
37700
45075
54024
55541
Myers R M 76021
Myers S H 11046
Myers W I 10153
17656
35343
Myers W I 53521
69670
69671
78804
Myers W J 50543
75612
Myers W M 1408
12731
12795
12796
12797
15099
29507
29752
38969
39525
39526
39527
48440
48500
48501
55949
65155
73588
73589
81985
82034
82035
82036
84207
Myers W T 12798
Myhr A N 79031
Myhre A S 1841
47649
Myhrvold J G 1593
Myint A 83101
Myint T 51583
Myklebost N 1594
Myklebust M 61583
Mykleby R W 8027
79053
Myler J L 12799
Myllylä M 88292
Mylroie A 64846
Myodo H 2044
13333
Myrbäck K 29486
45575
Myrdal G 75400
Myren R A 95357
Myrhaug P 27396
Myrick D C 37086
46515
Myrick M R 13496
Myrick N 8071
17844
17912
17913
17950
17951
17993
26057
26206
45031
51030
53733
78495
79078
80773
87036
94788
Myrick S 3069
Myrick W T 69449
Myro Viguera S 79814
Myser W C 34076
Mysin P G 91846
Mysĭutkina M 51126
Mysore Dept of Agriculture 55271
Myznikova S L 35541
Na C S 22641
Nääs O 49911
58459
Nabar G M 35994
Nabelkin F 10314
Naber E C 23858
Nabili D G 33567
Nabokov V 94116
94117
Naboudet G 54609
Nabours R K 25099
Nabrit J M Jr 37854
Nabrit S M 33318
Nachev B 84349
Nachtsheim H 63987
Nachtwey R 5891
Nadai J 22772
80727
Nadal Ros A 30784
Nadda N L 9780
Nadeau J P 69940
Nadeau L R 83102
Nadeau P 62038
Nadel-Shiffman M 72729
72730
Naden, K D 9548
63005
71038
Nadig A 6727
Nadkarni N T 43829
Nadler F 24200
Naef-Roth S 28874
28876
81568
Naegele J A 77243
77634
Naerland G 68264
85122
Naethbohm P 78359
78555
Naether C 5487
51721
67980
84780
84781
84978
92925
92926
Nafthali I 11189
Nafthali J 19614
Nafthali Y 18429
Nagai S 29474
90168
Nagamatsu T 90046
Nagamia M H 5049
Nagao M 29341
Nagao S 20229
Nagaoka N 93451
Nagaoka T 93538
Nagar D S 6654
Nagasawa S 93789
93925
Nagase H 4347
Nagata T 81638
82878
Nagel 21292
49188
54385
92325
Nagel C M 38715
89638
Nagel G 70742
Nagel H 5488
Nagel J L 12212
12403
Nagel W 66694
Nagels W 66693
Nageotte G 53923
Naghski J 13714
Nágl F 15371
Naglieri F 50956
Nagore D 73703
Nagore y Nagore D 59500
Nagorskaĭa E D 50759
50760
Nagovitsyn N A 75079
Nagovitsyna A V 90376
Nagpal D D 77638
Nagy I 61441
Nagy J 30109
48871
Nahmani Z 3165
Nai D D 4359
18532
67660
Naĭdenov A K 27145
Naidenov P ÍÂ 84616
Naidenova O A 74463
Naĭdin P 21737
49705
Naidin P G 47122
Naĭdina O G 21565
Naidu C R 27199
Naidu K V 2956
Naidu N B 9464
Nair C P 60178
Nair J H 78832
Nair J H III 6036
Nair K R 83357
Nair K N R 91126
Nair K P S 88121
Nair K S 4792
51031
Nair N G 78848
Nair P N 66645
Nair P V 45789
87873
Nair T G 12162
Nairn R G 24623
Naito H 28227
Naito K 19576
50583
Naito N 11862
11863
20358
90047
90048
Najarian H H 86089
Najera L 16500
Najera L E 24177
Najera y Angulo F 75719
Najmr S 13973
82781
Naka J 12404
90049
Nakabayashi T 90163
Nakada M 68976
Nakagawa I 19547
Nakagawa K 28227
Nakagawa S 41487
Nakahiro Y 15794
17991
92555

Nakai T 47180, 81009, 89269, 89338
Nakaidze G 55699
Nakajima G 73070, 73071
Nakajo S 42693
Nakamura J 4660
Nakamura S 90259
Nakamura T 32118, 50647
Nakamura Y 32928
Nakane T 16605
Nakanishi M 94970
Nakano H 52468
Nakasone H 74011
Nakasone H Y 40073
Nakata M 94098
Nakata S 73204
Nakato K 50623
Nakayama H 50254
Nakayama R 30687
Nakayama R M 47535
Nakayama S 86562
Nakayama T 28921, 38720, 73335
Nakazawa B 89639
Nakazawa M 8531
Nakazawa S 81438
Nakazima M 93538, 93539, 93790
Nalbandov A V 5361, 23768, 60451
Nalbese A 7913, 28087
Naletov N 36659
Nalivaĭko I U 2477
Nally J 47053
Nalson J S 37608, 69216, 71641, 71642, 88583
Namba I 86070
Nambiar A K 66409
Nambiar K K 30147
Nambiar K T K 42963
Namejunas A 41244
Nanavati D D 70963
Nanayakkara K D S S 20881
Nance J F 12538
Nance N W 89526
Nanda K K 12283, 56789
Nandi D L 18663
Nandi M 63736
Nani S 35676, 50873
Nanjundayya C 87250
Nankivell W I 20899, 72588
Nannenga-Bremekamp N E 81056
Nanneson L 19180
Nannfeldt J A 89464
Nanninga E T 13056
Nanobashvili V I 24178
Nanta 23503, 32929
Nanty R 86777
Napadovskii A M 43279
Napalkov N V 56884
Napalkov S 2957
Naphtali J 64371
Napitupulu B 4028
Napoli P J 79412
Napp-Zinn K 47781
Naquin W P Jr 48629
Naranjo Batmale F 87730
Narasimhachar S G 703
Narasimham C V 76356
Narasimham R L 66408
Narasimha-murthi B L 66385
Narasimha-murthy G 65059
Narasimhan M J 72522
Narasimhan P 56721, 72731
Narasimha-swamy R L 82633
Narayan D 59693
Narayan G 64484
Narayan S 60321
Narayana G V 66386
Narayana M L 18126
Narayana N 2556, 40464, 80687
Narayanamurti D 3810, 3811, 15009, 22733, 50478, 59138, 75481, 75562, 83539, 83542, 92017
Narayanan T 23135, 59501, 67504
Narayanarao T 58280
Narcisse T 84979, 87874
Nardelli L 84243
Nardi E 60469
Nardi G di 63215
Nardin C L 29597
Nardov G G 79506
Nariani T K 47661
Narramore M 50761, 79216, 83790
Narramore M E 8397
Naruse M 18335
Narvaez O C 60171
Narváez R P 13734
Narvaez Ramirez G L 23444, 32853, 84110
Nascimento A C 83142
Nascimento C B 3834, 15299, 59502, 67296, 84350, 92220
Nash A E 49040, 57741
Nash A S 37030
Nash D W 39373, 55402, 71876
Nash J C 3760, 14959
Nash J G 58960
Nash K 86041
Nash M J 32262
Nash R W 31646
Nash T A M 60953
Nashif S A 79032
Nasir A K 8532
Naske A 51459, 51460, 51492
Nasledov S N 53635
Näslund M 75119
Nason A 64805
Nason H K 58083, 91168
Nasr H 3846
Nasset E S 28190
Nassim J R 33503
Nasso A di 25052, 32263, 67661
Nast J 43679, 43680
Nastenko N 53202
Nastenko P N 82113
Nastev D 90686
Nasyrov F 25232
Natal and Zululand Beekeepers' Association 34077
Natali C 83910
Natali L 45697
Natal'ina O 47646
Natanzon I I 34777
Natarajan B 10137, 19288, 46604
Natarajan C P 94607, 95131
Natarčic A 82933
Nath J 82195
Nath J C 83376
Nath S 40338
Nathanael W R N 28353, 90050
Nathanson A G 37855
Nation H A 13598, 13599, 17397
National Academy of Sciences 80335
National Allotments and Gardens Society 20815
National Association of Artificial Breeders 3935
National Association of Commissioners Secretaries and Directors of Agriculture 55272
National Association of Frozen Food Packers 53556, 62627
National Association of Marketing Officials 17605, 94547
National Association of Mutual Insurance Companies 88230
National Association of Parish Councils 19196, 19233
National Association of Produce Market Managers 17606
National Association of Real Estate Boards Institute of Farm Brokers 63661
National Association of Refrigerated Warehouses 53556
National Association of Retail Grocers of the United States 9279
National Association of Retail Meat and Food Dealers 95242
National Association of Soil Conservation Districts 66646
National Association of Wool Manufacturers 8533
National Bank of Australasia 27531
National Bank of Egypt 18127
National Board of Fire Underwriters 60634
National Board of Fur Farm Organizations 4975
Nationaal Comité voor Brouwgerst 36409
National Canners Association 35393, 44594, 44595, 78833
Div of Statistics 87498
Home Economics Div 38096
National Catholic Rural Life Conference 80431
National Chrysanthemum Society 49041, 49042
Northern Group 21151
National Coffee Association 7800
National Committee on Agricultural Policy 71318
National Committee on Boys and Girls Club Work 24213, 37975, 71976
National Conference on Family Life 19682
National Conference on Weights and Measures 35303
National Cotton Council of America 33878, 57168, 60582, 62413, 62414, 70419, 70439, 73483
Utilization Research Div 54131
National Cottonseed Products Association 15100, 70964, 87875
National Council of Churches of Christ in the U S A Dept of the Town and Country Church 37856
National Council of Farmer Cooperatives 71977
National Council of Social Serv 46605, 88714
National Council of Wool SellingBrokers of Australia 36017
National Coursing Association 15559
National Coursing Club 15560
National Dairy Association of New Zealand 7914, 86875
National Dairy Conference 86875
National Dairy Council 7915, 62015
National Dairy Federation 86875, 86876
National Education Association of the U S Committee on Tax Education and School Finance 37517
National Egg Producers Association 36800
National Farm Chemurgic Council 53435
National Farm Institute 71456
National Farm Labor Union 27397
National Executive Board 9824
National Farm Loan Association 35262
National Farm Radio Forum 35263, 35338, 37116, 37374, 37965
National Farmers' Union 33439, 63809, 69741, 88584, 96061
National Farmers' Union of Scotland 96062
National Federation of Fruit & Potato Trades 62470
National Fertilizer Association 3147, 31276
National Fire Protection Association 25167
National Food Brokers Association 53556

	Item
National Hardwood Lumber Association	14717 32021
National Hay Association	20291
National Independent Meat Packers Association	36625 62871 62872 62873
National Industrial Conference Board	19041
National Institute of Agricultural Botany	73370 73371
Seed Production Committee	48308
National Institute of Agricultural Engineering	17304 17426 34852 34897 34898 35012 73508 78334 78335 78477 78478 78479
National Institute of Animal Agriculture	41926
National Joint Committee on Fertilizer Application	49706
National Joint Industrial Council for the Flour Milling Industry	45559 62722
National Laying Test	24052
National Lime Association	13977
National Live Stock and Meat Bd Dept of Home Economics	79667
National Live Stock Exchange	9280
National Live Stock Producers Association	70799
National Milk Producers Federation	17914 55851
National Oil Mill Superintendents Association West Coast Div	62938
National Peach Council	87411
National Pig Breeders' Association	5740 33779
National Planning Association	17544
Agriculture Committee on National Policy	18917 37222 46542
National Provisioner	18595 36660
National Reclamation Association	74768
National Research Council	11088 76751
National Research Council	80835
Food and Nutrition Board	61802
Food Protection Committee	25675 35304 44512
Highway Research Board	30739 66137 74505
Pacific Science Board	21457
National Research Council of Canada	72247
Canadian Committee on Culture Collections of Microorganisms	64142
National Research Council of the Philippines	11337
National Rose Society	49043
National Safety Council	69064 78314 78315
National Sanitation Foundation	26092
National Shade Tree Conference	30308
National Society for the Study of Education	88796
National Soybean Processors Association	65239
National Taiwan University	25149
National Turkey Federation	9576 76707
National Utility Poultry Society	84980
National Veterinary Medical Association of Gt Brit and Ireland	32371 67383 75911
Royal Counties Div	15372
National Weeds Conference	74301
National Wholesale Frozen Food Distributors	53556
National Wool Growers' Association	24214 36018 77025
Nationale Cooperatieve Raad	19434 71978
Natividade J V	31533 41125 57467 66873 71570 83303 91684
Natroshvili A G	33012 33538
Natsentov D I	2242 2243 49189
Natsvin A V	73878
Natt M P	76819
Natvig H	7960 35223
Naude C P	67297
Naudet M	70965
Naudts M	18015
Naugher R E	14148
Naugol'nykh V N	20359
Nauhauser P	69126
Nauheim C W	46306
Naulaihen A I	33054
Naumann B	91931
Naumann C W	78907
Naumann H	17171
Naumann H D	26824
Naumann K	87154
Naumburg S	30309 30310
Naumenko F	41998
Naumenko N P	30110
Naumov F	55852
Naumov N P	47019
Naumov S M	20381
Naumova N A	11864
Naumovski N	95678
Naundorf G	20298 20299 20360 20361 21364 29342 29343 32664 66387 91057
Naunton W J S	27066 63059 71081 88003 88004
Naustdal J	47264
Nauta F T H	88652
Nautiyal B	14543
Nauwerck	54859
Naval Stores Review	14960
Navalkar B S	704 12086
Navarra V	2244 50066 54505
Navarro C O	47181
Navarro G	12603
Navarro J A	40296 57965
Navarro Ruiz D	67186
Navas J	6346
Navas Pardo P	28367
Navashin M S	47849 90051
Naveh Z	20693 65156 65157
Navellier E	26463 36169
Navellier P	25801 35496 44413 70244
Naves Y R	18647 36735 45790 45791 54740 87876
Nawaz M	51259
Nawrocki J	23954
Nayak H R	58309 90296
Nayak U G	70966 70967 70968 79815 79816
Nayar B K	56419
Nayar K N G	42963
Nayar K V N	94971
Nayar P N	56419
Nayar T G	64194
Nayar T K	70969
Naylor A W	936 56692 56885
Naylor H B	53789
Naylor M	20171
Nazarenko E P	20230
Nazaretian G N	88120
Nazarevskiĭ S I	30311 30312
Nazarian E A	57450
Nazario L A	21952 96252
Nazarov V P	84534
Nazarova M Z	28998
Nazartsev N G	9945
Nazimov I N	76208
Nazimov M	44131
Nazimov M A	17327 44101
Nazimov P I	74687
Nazir B N	1043
Neal C W	12597 12598 57110
Neal E E	27637
Neal E M	1431 76464 90388 92702
Neal J D	8713
Neal O R	14203 82782
Neal R A	84852
Neal-Smith C A	39436
Neale A V	72109
Neale F R	41552
Neale H J	13334
Neale P E	68226
Neame C	89527
Neame T	90644
Nearing G G	2045 40074 40075 49044 74041
Nearn B E	63080
Nearn W T	75503
Neas I	20777
Neasham E W	50700
Neave F K	4584 51240
Neave R M S	59694
Nebiker W	88538
Nebraska Board of Agriculture	19615 55986
Nebraska Crop Improvement Association	18740 20499
Nebraska Farmers Cooperative Association	19435
Nebraska Grain Improvement Association	12652 65013
Nebraska State Irrigation Association	14097
Nechaev I F	37495
Nechaeva N T	12405
Nechetov G	3443
Nechinennyĭ D K	24394 24395 43391
Nechiporenko G V	51461
Neckermann L	77099
Necoechea A M	35832
Nedden B zur	90526
Nedel'chev N	65472
Nederlands Vlasinstituut Vlugschrift	29661 90297 91021
Nederlandsche Advocaten-Vereeniging	27826
Nederlandsche Algemeene Keuringsdienst voor Landbouwzaden en Aardappelpootgoed	45954 90973
Nederlandsche Botanische Vereeniging	11382 47208
Nederlandsche Heidemaatschappij	19616
Nederlandse Bond van Veehandelaren Afdeling Friesland	87731
Nederlandse Fruittelers Organisatie	1657 65343
Nederpel L G	21293
Nedesheva G N	73072
Nedokhlebova O	70332
Nedokhlebova O I	41669
Needham M M	57858
Needham R	67662
Neel L R	32204 46414 53365 81954
Neel W W	93839
Neelakantan S	267
Neeley G	44875
Neely F E	19770 38377
Neely G I	53557
Neely J A	82847
Neely J W	12706 29174 29175 29508 39289 81919
Neenan M	82745
Neergaard P	11865 56420 57430 81269
Neethling J C	10402
Neethling J L	81360
Neethling L J	72901
Neetzel J R	50238 61649

	Item
Nefedov A D	59353
Nefedova V A	25111
Neff B	46772
Neff F P	9350
Neff L P	66941
Neff M S	2478
	13999
	21738
	21770
Neger F W	153
Negishi H	77026
Nègre E	17778
	86778
	86779
Nègre J P	35013
	76708
Negre R	20133
Negretti F	53977
Negri A	19577
Negri R	4137
	85026
Negrul' A M	767
Neher M B	16283
Nehrebecki M	32372
Nehring K	1409
	3928
	38191
	48502
	75790
Nehru J	7437
Neidel W	77490
Neidhardt	37167
Neidhardt F	60713
Neidlinger J S	62077
Neighbor H	79379
Neighbours J L	46307
	55700
	63417
	63418
	71457
	80200
	95743
Neill J W	28437
	30313
Neilson F	37168
Neilson W	13335
	13336
Neĭman M B	12406
Neirinckx G	86780
Neiswander C R	94118
Neiswander R B	6376
	6672
	33879
	43214
	60786
	77639
	93982
Neiswanger E B	26398
	35241
	57026
Neitzert	62718
	62719
Neitzert K	54506
	79609
	87639
Neitzke C H	61663
Nekhai G N	57380
Nekhaĭ N P	20694
Nekhaĭ P	20764
Nekrasov A A	28424
Nekrasova T V	820
	12279
	48741
Nel A B C	1220
	63348
Nel R I	16239
Neldner B	76935
Nelemans G	16904
Neller J R	58115
	58310
	74614
Nellis D C	28776
Nelmes E	47265
	47266
	47267
	47268
	64195
	64196
	64197
	72407
Nelson A	2479
Nelson A I	36283
Nelson A L	3519
	91613
Nelson A M	58939
Nelson A P	63737
Nelson A W Jr	58732
	66899
	83330
Nelson A Z	66975
Nelson C	83103
Nelson C B	68074
Nelson C E	57111
	73439
Nelson C E Jr	4661
Nelson C I	40518
	44513
	89696
	91230
Nelson C L	42694
Nelson D	31431
	50100
	50365
Nelson D B	61230
Nelson D H	4600
	8274
Nelson E	37710
Nelson F B	75225
Nelson F E	8099
	8275
	53978
	53988
	79000
	79032
	94834
Nelson G A	70006
Nelson G E	19617
Nelson G H	83619
Nelson G L	61584
Nelson H	45560
Nelson H D	34496
Nelson H R	32551
Nelson H T	49912
Nelson I	36284
Nelson I A	17679
Nelson J	70624
Nelson J A	8072
	11107
	17867
Nelson J B	26520
Nelson J L	79750
Nelson K E	464
	9838
	11866
Nelson K S	47614
Nelson L	60412
	60414
	60433
	88797
Nelson L B	81611
Nelson L E	83012
Nelson L V	82037
Nelson M A	9563
	61770
Nelson M E	41999
Nelson N J	84325
Nelson N T	29753
Nelson O	69193
Nelson O E	57112
	65014
Nelson O E Jr	47850
	81871
Nelson P	37276
	52981
	65263
Nelson R	40039
	65390
	72732
	73786
	81270
Nelson R A	28582
Nelson R H	6546
	15998
	33924
	33926
	33936
	33937
	48587
	52181
	77246
	93452
Nelson R M	3505
	22385
	22386
Nelson R T	1410
	11304
	21390
	91058
Nelson S D	19181
Nelson S H	82205
Nelson T C	41256
	58822
Nelson T H	10905
Nelson V	62078
Nelson V M	23480
Nelson W L	2586
	5126
	12710
	21538
	21741
	49707
	64987
Nelson W O	8287
	35683
	62079
	62082
	79086
Nelson W R	14098
	40824
Nel'zina E N	6377
	6378
	34191
Nema K G	11868
	11867
	56516
	56517
	72717
	72783
Nemchenko N	25383
Nemchenok ĬA S	58660
Nemchin F I	90957
Nemchinov V S	40825
Němec A	48023
	48176
	49708
	50276
Němeček V R	17234
	17243
Němejc F	38378
	47182
Nemesin J	44955
Nemirovskii N L	9608
	63060
Nemirovskii S S	88073
Nemšev N	45032
Nenarokov M I	65158
Nenashev P D	34735
	37518
	62316
Nepumuceno J	12595
Nepustil	90561
Nepveu P	16722
	85984
Neri A	11138
	38144
	72140
Neri C	59430
	59585
	59586
	59587
	60487
Neri G	18918
	63633
Neri I	16723
Nerli N	7237
	21880
	78360
	86244
Nersesĭan A G	29344
Nertinger J	63290
	69941
	69942
	71288
	71289
	71290
	71291
	71292
	71293
	86877
	86878
Nerubaĭlov E	46415
Nervik O	9281
	17607
	70835
Nery Sosa O	1196
	20558
	57087
	57088
Nes A G A v d	937
	13337
Nesbit W B	33393
	78386
	92927
Nesbitt H	9866
Nesbitt H H J	77640
Nesbitt J C	4676
	51091
Nesbitt J F	25944
Nesbitt P E	85030
Neseni R	15457
	60387
	76209
Neser F W C	42121
Neshchadimenko I P	32373
Nesheim R O	16074
	41831
	43103
Nesib S	44001
Nesius E J	10315
	37223
	63517
Nesmeĭanov A N	81639
Nesmiĭan I N	1411
NeSmith J	91327
Nesmith Mrs T	40076
Ness A R	15537
	23136
	76105
Nesterenko S	58601
Nesterenko T A	37857
Nesterenko V	2245
	21452
	65876
Nesterenko Z M	4138
Nesterov ĬA S	90645
Nesterov V G	31670
Nesterova T T	38954
Nestervodskiĭ V A	24603
Nesti	18430
Nestingen D V	71571
Nestle R	62240
Nestler R B	93106
Nestmann A	60286
Nestvold M	70879
Netboy A	3527
Netchaev P	4662
	15458
	33319
	41860
	42187
	50874
	67384
Netherlands	10138
Bur van de Landbouw-attache	28141
	36525
	37375
Netherlands Centraal Bur voor de Statistiek	10574
	25758
	38040
	54414
	86689
	86690
Netherlands Cultuurtechnische Dienst	74769
Netherlands Directie van de Landbouw	1221
	10403
	40388
	40703
	42063
Netherlands Directie van de Wieringermeer	88387
Netherlands Embassy Washington	35339
Bur Landbouwzaken	
Netherlands Foreign Agricultural Information Serv	35305
Netherlands Ministerie van Landbouw Visserij en Voedselvoorziening	10139
Afdeling Documentatie	55273
Directie van de Landbouw	50714
Netherlands Ministerie van Verkeer en Waterstaat	14099

	Item
Netherlands Plantenziektenkundige Dienst	38600 47553 47554 68441 68679 81361 89697 93882
Netherlands Rijkscommissie voor de Samenstelling van de Rassenlijst voor Landbouwgewassen	29509 39290
Netherlands Rijksdienst voor het Nationale Plan	10574
Netherlands Rijksinstituut voor Rassenonderzoek van Landbouwgewassen	57859 57860 64932 65015 65016 65017 65018 65240 65877 73440 73590 73591 73592 73593
Nederlands Vlasinstituut	73485
Netherlands Rijksstuinbouwvoorlichtingsdienst	57419
Netherlands Veeartsenijkundige Dienst	75912
Netherlands Vezelinstituut T N O	8534
Netick G	66219
Nétien G	29345 29346 39093 48024 81640
Neto A R	32264
Neto F A	6379
Neto H M	90036
Neto J F T	15675
Neto J P da C	38716
Neto O	9222 60488
Neto P C	21458
Netolitzky F	6471
Netschert	19436 46308 46835
Nettel F R	52563
Nettles F T	95520
Nettles J R Jr	4139
Nettles V F	74615 79484 79507 91433
Nettles W C	33880 48895 52065 74153 93848
Nettleton H I	31905
Netto A P	47020
Netto F A	35734 53832 63583 92703
Netto F W de A	94572
Netto J A S	57113
Netto J C F	17305
Neu J W	36170
Neu L	32789 33587
Neubauer	35043
Neuber H	71148
Neubert J	52526
Neubrech W L	50544
Neuer	20500
Neuer H	73484
Neugebauer E K	49045 66073
Neugschwendtner	26207
Neugschwendtner S	8276
Neuhaus	19125
Neuhaus A	26714 87640
Neuhaus W	80728
Neuhoff H	23936
Neuhoff O	30034
Neuhoff W	72499
Neuman J S	7801
Neuman W F	43260
Neumand J	74616
Neumann	5362 22220 86171
Neumann A L	51981
Neumann D	73658 85508
Neumann F	44209 92556
Neumann G R	21739
Neumann H	18401 79610 87641
Neumann H G	15284 75729
Neumann H J	67702
Neumann J	94324
Neumann M	10994 10995 18702 18703 28142 36808 54794
Neumann P	33685
Neumann R	32758 53481
Neumann-Kleinpaul	84687
Neumann-Kleinpaul K	32333
Neumann-Spallart O	22453
Neumark S D	37376
Neumayr L	18953
Neumeister F	7008
Neumunz M	26960
Neuner J	11869 64485
Neuns A G	57966 75378
Neuns R H	58855
Neurath F	6066
Neureiter A	6234
Neuschulz H	84617
Neusser H	75699
Neustadt M H	87858 95338
Neustadter L L	22267
Neuter M F de	95623
Neuville P	35394
Neuwald F	9465
Nevares R Jr	21953
Neveling C H	64043
Nevens W B	4360 7916 25945 73594 74495
Neves A A	69288
Neves C B	3490
Neves C M B	22109 24457 33881
Nevgi G V	18653 18654
Nevins T H F	21391
Nevskii I N	60362
Nevstruev I I	46008
Nevzorov G A	26799 32458 32854 36526 36527 75980 77027
Nevzorov N V	91965
Nevzorov V V	57003
New Brunswick Dept of Agriculture	28271 47021
Plant Protection and Promotion Serv	19939
New England Forestry Foundation	41062 50101
New Hampshire Forestry and Recreation Commission	14386
New Holland Machine Company	20695
New Jersey Agricultural Convention	71877
New Jersey Dept of Agriculture	19618 26058 68555 70677 89484
New Jersey Dept of Health	52600
New Jersey Laws Statutes etc	28272
New Jersey Mosquito Extermination Association	43601
New Jersey Peach Council	57558
New Mexico Feed and Fertilizer Control Off	58567
New Orleans Cotton Exchange	36019 79296
New South Wales Bur of Statistics and Economics	17699 25759
New South Wales Dept of Agriculture	445 465 466 467 468 469 768 938 11691 11692 11693 11694 11870 11871 12012 20033 38697 38706 38785 38831 39126 39214 43215 45955 55987 72589 72700 72734 89612
Biological Br	29013
Div of Science Serv	64486 64487 81167 81271 81272 81316
Board of Tick Control	22968
Div of Animal Industry	5489 33320 33265 42188 44031 50875 51644
Div of Marketing and Agricultural Economics	10316 87953
Entomological Br	5978 5979 5980 24760 24761 24952 25053 34476 34611 43830 52120 61075 68680 68839 77247 85666 85667 85914
Div of Science Serv	16223 16606 16724 16725 16853 17050 17051 17052 17127 17172 28777 33882 34192 34266 34709 60584 60861 61076 81168
New South Wales Dept of Lands	55403
New South Wales Egg Marketing Board	63006
New South Wales Forestry Commission	3798 22707 59120
Div of Wood Technology	7917 94789
New South Wales Milk Board	9825
New South Wales Rural Reconstruction Board	95744
New York Certified Seed Growers' Cooperative	57027
New York Conservation Dept.	10317
New York Cotton Exchange	63020 79297
New York Dept of Agriculture and Markets	7636 11190 67885 69595 69606 69704 70856 95137
Bur of Food Control	35904 70333
Bur of Statistics	70678
Div of Milk Control	8132
New York Farmers	63810
New York State Association of Milk Sanitarians	87082 87083
New York State College of Agriculture	7660 9568 26063 26536 54789 55066 55397 55441 55442 55470 55471 55472 55477 59778 61706 62072 62146 62165 62516 63515 63574 63576 63580 63581 71553 71872 79535 86307 86624 87399 88137 88203 88266 88458 88558

	Item
New York State College of Agriculture	88567
	88568
	88673
	88696
	94558
	95086
	95089
	95364
	95376
	95397
Dept of Agricultural Economics	19164
	27439
	36791
	36799
	44544
	45380
	46449
	46836
	64044
New York State College of Forestry Syracuse University	20034
	28583
New York State Grange of the Patrons of Husbandry	57420
New York State Temporary Commission on Agriculture	17952
	37377
New York State Veterinary College	92326
New Zealand Census and Statistics Dept	9762
	19494
	86697
	88961
New Zealand Central Milk Council	26059
New Zealand Co-op Rennet Co	86875
New Zealand Dairy Board	53734
New Zealand Dairy Products Marketing Commission	53834
New Zealand Dairy Research Institute	70251
New Zealand Dept of Agriculture	7171
	10140
	18604
	28274
	28741
	44774
Animal Industry Div	84825
Animal Research Div	50957
New Zealand Dept of Lands and Survey	27653
	27764
New Zealand Dept of Scientific and Industrial Research	70493
New Zealand Forest Serv	3606
	3814
	50131
	83208
New Zealand Grassland Association	73595
New Zealand High Commissioner Agricultural and Migration Br	95888
New Zealand Horticultural Trades' Association	1595
New Zealand Marketing Dept	35265
New Zealand Meat Producers Board	9282
New Zealand Prime Minister S G Holland	54994
New Zealand Racing Conference	51462
New Zealand Romney Marsh Sheep Breeders' Association	33839
New Zealand Sheep Breeders' Association	60322
New Zealand Society of Animal Production	15238
	67452
New Zealand Soil Conservation and Rivers Control Council	40883
New Zealand Tobacco Board	54933
New Zealand Wool Disposal Commission	26399
	88962
Newald E	85509
	85510
Newberg W B	57600
Newberne P M	32980
	51436
	59889
	59892
	59893
	92787
Newberry W	37859
Newberry W E	92754
Newbould F H S	13808
	49469
Newbrough D R	2372
Newburgh L H	19550
Newcastle Fruit Growers Association	45264
Newcomb D	3717
Newcomb G	84111
Newcombe C L	66647
Newcomer E H	76820
Newcomer E J	34193
	52384
	68681
	93453
Newcomer J L	29598
Newell B A	9977
Newell G	7560
Newell I M	34194
	60954
Newell P	87732
Newell P F	4498
	4499
	4500
	10318
	15538
	23235
	27654
	32651
	32652
Newell P F	41735
	51127
	51128
	51241
	51326
	76465
	76466
	76467
	84209
	84458
	85146
	85290
	86209
	92471
	95243
ewell R E	34530
	85915
Newfoundland Registry of Co-operative Societies	71979
Newhall A G	11865
	38713
	38717
	56427
	89528
Newhoff B	13338
Newhook F J	20078
Newhouse F	21881
Newhouse M T	45878
Newkirk H L	68252
Newkirk L	14505
Newland H B	58863
Newland H W	51982
Newland L G M	78995
Newlander J A	23205
	32618
	59218
	75791
	76210
	86920
Newlon W E	27038
Newman A S	40473
Newman B	8675
Newman E J	63687
Newman G	87155
Newman H	46837
Newman H J	15846
Newman J E	39374
Newman J F	6549
Newman J P	23509
Newman L F	75913
Newman L H	68977
Newman M D	36218
	79413
Newman P E	32855
Newman R	96132
Newman S	20627
	53009
Newman T	74042
Newport Viscount	82783
Newsom H	19415
	37378
	71505
Newsom H D	37379
	46073
	46259
	61824
	88375
Newsom I E	33591
	50876
	59695
Newsom L D	77256
Newsome H D	27423
	71984
Newsome N	44002
	46309
Newson H D	85801
Newson L D	78278
Newson M W	51541
Newton A C	90110
Newton J H	24403
Newton J M	79611
Newton J T	55343
	87439
Newton J W	34078
	64788
Newton L	644
Newton L G	51636
	66014
	84688
Newton N	38815
Newton O	22779
Newton R B	36021
Newton R C	44514
	53482
	53483
	69625
	78776
Newton R G	45923
	71082
	88005
Newton R P Jr	83163
Newton R W B	32022
Newton W	47539
	56532
	72896
	72897
Newton W C	76097
Newton W F	21421
Ney M	86781
Ney W A	33701
	60477
Neybergh A	26983
Neyman J	56124
Neymark M	11286
	78834
Neynaber K	66262
Neypes E C	82516
Nezgovorova L A	12407
Nezhinšev I P	73441
Ngaka R S M	30314
Ngoc T T	4718
Ngqoleka S L	30994
Nguyen-Cong Vien	82714
Niagara County New York Production and Marketing Admin County Committee	37519
	80201
Niaz M S	9067
	54507
Nibler C W	8133
	59784
	84210
Niblett M	33816
	34531
	43535
	77176
	77875
Nibley C Jr	25131
Nicaragua Recaudador General de Aduanas	19495
Nicaragua Serv Técnico Agrícola	64093
Dept de Entomologia	85668
Niccoli E	45792
Niccolini L	83444
Nice C	3070
Nichiporovich A A	81641
Nichol G E	44003
Nicholas A K	67796
Nicholas D J D	12408
	12539
	58560
Nicholas G	71573
Nicholas G A	23766
Nicholas G W	80294
Nicholas H T	74870
Nicholas J E	34937
Nicholas W H	26800
Nicholls A S	69705
Nicholls L	11069
Nicholls W H	36993
	38465
Nichols	42904
Nichols B	37745
	48363
Nichols B C	82119
Nichols C W	577
Nichols C W Jr	76755
Nichols E A	37117
Nichols G	42000
Nichols G A	28310
Nichols G D	10751
Nichols I	42001
Nichols J B	70815
Nichols J D	55274
Nichols L E	7049
Nichols M B	4361
	76106
Nichols M L	40589
Nichols P J	77491
Nichols P L Jr	87832
Nichols N E	95845
Nichols R S	57742
Nichols Poultry Farm	67981
Nicholson A	15048
	15301
Nicholson A H	23339
	27655
	32265
	42802
	51327
	80295
	90260
Nicholson D I	28749
	31671
Nicholson F	64806
Nicholson G	39375
	48309
Nicholson H H	29251
Nicholson J F	52090
Nicholson L B	34079
Nicholson R	64806
Nicholson R A	74043
Nicholson R P	49611
Nicholson W A	22430
Nicholson W S Jr	85197
Nichter A M	37169
	46155
Nichterlein E	37380
Nickel	23445
	75473
Nickell L G	705
	28917
	56613
	74302
	74303
	81537
Nickels C B	52811
Nickerson D E	14506
Nickerson H A	65696
Nickerson J C	56948
Nickerson R F	87251

Item

Nickerson T A 8277, 44816
Nickerson W J 51250
Nickisch K 51759
Nickl W 8398
Nickols M L 12578
Nico R 14984
Nicod J 71696
Nicohosoff A 36022
Nicol B M 63908
Nicol G 51242, 59696
Nicol H 13754, 20696, 74941
Nicol H S 4140
Nicol J 34477
Nicolaisen N 2246, 13497, 40221, 57861, 74187
Nicolaisen W 56744, 70513
Nicolaisen-Scupin L 1658, 8891, 8892, 18334, 21294, 26600, 45435, 45436, 62628
Nicolas G 19941, 63738, 81273
Nicolas M 31902
Nicolas S 82154
Nicolatti D A 91128
Nicolea H G 2046
Nicolelli U 60434
Nicoli R M 16726, 93883
Nicolini G 88135
Nicollini J C 6728, 20110, 36718, 38816, 72590
Nicolls K D 2647
Nicoluss' C 40826
Nicot J 268, 38524, 38540, 38541, 38719
Nicouleau J 32759, 50674, 75981, 83911, 87733
Niculesco P C 25972
Nie R van 39009
Nieboer J 5177, 5178, 42548, 60045
Niederene H 4663, 36612
Niederfrank E J 10604, 19078, 63688, 63766, 80440, 80471, 88828, 96022
Niederlag W 45561
Niehaus C J G 61963
Niehaus H 20697, 38034, 39528, 42868, 42886, 48504, 51754, 55404, 58311, 60287, 60292, 63419, 76936, 76953
Niehuis 10508
Nieland L T 22708
Nielsen A 1113, 16727, 17053, 60514, 68978, 96001
Nielsen A G 20628
Nielsen A J 35682
Nielsen A R 53735, 69943
Nielsen B F 47722
Nielsen B W 8673
Nielsen C 2958, 78279
Nielsen D M 27656, 46798
Nielsen E 11265, 88798
Nielsen E L 29176, 64198
Nielsen E S 56886, 81642, 89430
Nielsen F 84112
Nielsen F W 84351
Nielsen H 8774, 28003
Nielsen H M 29347
Nielsen J 2047, 2048, 13339, 13340, 21152, 21153, 24268, 58793
Nielsen K M 31135
Nielsen L T 85822
Nielsen L W 56614
Nielsen M 55681
Nielsen N C 2648
Nielsen N J 6235
Nielsen O 65992
Nielsen P 61585
Nielsen S 26060
Nielsen S W 51406, 84535, 84536
Nielsen V 35113
Nielsen V H 8194, 17998, 79160, 94839
Nielson J M 37081, 46155
Nielson M W 16841, 61064
Nielson R 12800, 58312
Nielson R L 49470, 74484
Nieman C 19578
Nieman N M 74044
Niemann 66839
Niemann J 46935, 63861, 71040
Niemetz F 31569
Niemeyer G 69944
Niemeyer H 7918, 7919
Nieminen L 74304
Nienaber H 30863
Niepage H 59697
Nier A O C 47898
Nies E E 57743
Nieschlag 8399, 13974, 48233, 49710, 50020, 50762, 50763, 79217, 82879
Nieschlag F 49711, 58313, 85215
Nieschulz 46310, 49712, 55583, 71740, 88388, 88700, 95927, 95928
Nieschulz A 46492
Niesen H 67079
Nieser O 2049, 65159, 79908
Niesslein E 22132
Niethammer A 38542
Niethammer H 75415
Nieto Garcia J 81495
Nietsch H 30452
Nietzke G 24604
Nieuwenhuijsen J J van 10141
Nieuwenhuyzen J W van 9763
Niewerth W 7920, 70170
Niffenegger D 29599
Nigam P N 64648
Nigam S S 64147
Nigeria Cocoa Marketing Board 35542, 36023, 86782
Nigeria Dept of Statistics 38041
Nigeria Forest Admin 3235
Nigeria Groundnut Marketing Board 36736
Nigeria Oil Palm Produce Marketing Board 18648, 95347
Nigeria Western Regional Production Development Board 37381
Nigg W J 88781
Niggl L 9946, 48505, 57284
Nightall E W 5267, 60105, 68029
Nightingale A E 19357, 37860
Niimura T 78163
Niizawa Y 54139
Niidam F E 36384, 63291, 73596, 81810
Nijdam R E 73372
Nijenhuis E D 94168
Nijhuis H D 36024
Nijland G J 76552
Nijveldt W 16728, 16729, 34360, 34361, 43536, 77876
Nikandrov B 6937
Nikanorov V A 42481
Niketić M J 87333
Nikiforov A 6991, 93454
Nikiforov A M 65993, 93455
Nikiforov V 35124
Nikitash G 44132
Nikitenko G F 769, 12653, 20103, 38466
Nikitenko I 34899
Nikitenko I T 53081
Nikitenko N A 22305
Nikitin A A 40923, 58561, 73205
Nikitin N 45033
Nikitin S A 91251, 91488
Nikitin V P 46693
Nikitina A I 24605
Nikitina I A 17135
Nikitina N I 19885
Nikitina T F 56626
Nikitiuk A I 60862
Nikkila O E 61856, 63194
Niklas 22963, 36220, 72201, 73597, 80774, 86531
Niklas W 35215, 37382
Niklitschek A 37383, 2050, 2051, 2052, 11396, 30315, 30316, 30317, 49046, 90845
Nikola H C 66143
Nikolaev A 26208, 35707, 53979
Nikolaev A I 62610
Nikolaev D V 29899, 74045
Nikolaev G A 61372
Nikolaev I I 38508
Nikolaev K N 25008
Nikolaev N S 87303
Nikolaev P 94325
Nikolaev V 94466
Nikolaev V A 67663
Nikolaeva A 46075
Nikolaeva L I 59219
Nikolaeva M G 941
Nikolaeva T L 56348
Nikolaeva V I 57285, 90261
Nikolaiczuk N 92962, 92963
Nikolić L 66960
Nikolić V 11872, 12013, 12014, 93630
Nikolovski B 88505
Nikol'skaĭa M N 61129
Nikol'skiĭ A 54995
Nikol'skiĭ E 35125
Nikol'skiĭ N F 33540
Nikol'skiĭ R N 41889
Nikol'skiĭ S N 33592
Nikonenko D A 14100
Nikonenko M N 13057
Nikonov M 26209
Nikulichev P 26100
Nikulina N L 5562
Nikulitskiĭ I 25271
Nilakantan P R 5385, 15186
Niles E H 72110
Niles J J 1222
Niles W J 93920
Nille E 41257
Nilsson A 40918, 49047, 49048, 51948, 65697, 65698, 66388, 66389, 74046, 81010, 89339
Nilsson B 73425
Nilsson E 939
Nilsson F 2247, 8893, 20231, 32856, 39895, 57862, 57863, 73749
Nilsson J 24606
Nilsson N E 4362, 4793, 23137, 33780, 59785, 84459, 84460
Nilsson N J 59724
Nilsson P F 83182
Nilsson R 29754, 35077, 54356, 62629, 79414, 95126

	Item
Nilsson-Leissner G	28584
	63081
	81811
	82038
Nilsson-Leissner T	41861
Nimmo C C	8865
	36286
Nimmo W H R	21882
	21883
Nims L F	90052
Nino de la Horra D	91920
Niño Larrú F	90053
Niogret M	27316
Nipkow F	28668
Nippon Nogyo Shimbun	91328
Nirula K K	34267
Nisbet F J	13341
Nishchii I A	57101
Nishi R	49404
Nishida K	50281
	50545
	59121
Nishida M	82875
	82876
Nishida T	6509
Nishigaki S	13818
Nishikado Y	28778
	28918
	28919
	28920
	28921
	28922
	81274
Nishikawa K	39166
Nishikawa M	75728
Nishikawa Y	4998
	4999
	5069
	42439
	42440
	42468
Nishimoto K	67092
Nishimura M S	20362
Nishina Y	90084
Nishita H	56972
Nishiyama H	92928
	92929
Nishizawa M	50255
Nisida K	50628
	50648
Nisikado Y	38720
Nisikawa Y	93413
Niskasaari E	15000
	32158
Nisonger J W	26138
Nissan A H	14884
Nissen C	64143
Nissen M	27738
	63584
	77084
Nissen Ø	2248
	11344
	28377
	39291
	48234
	65160
	66928
Nissen R	8073
	85153
	87084
Nissley C H	13498
	21295
	36308
	61534
Nistico F	45214
Niswonger H R	57421
Nitiyasuti P	42365
Nitka J	49190
Nitsch J P	29116
	29348
	56887
	64896
	90170
Nitschke E	61964
Nitschmann H	35833
	53793
Nitsenko A A	38868
	89789
Nitti F	59954
Nitzsche M	39285
	65145
Niven C F Jr	18528
	26825
	36613
	50476
	95262
Niven L A	21154
	30453
	52121
	57745
	90958
Niven T B	70541
Nivollet A	10752
Niwa T	43019
	43082
	50649
	75728
Nix M	94158
Nixon A J	70171
Nixon E L	65878
	89529
Nixon G E J	68897
Nixon G W	61442
Nixon H L	578
Nixon L	74188
Nixon R W	706
	48751
	48752
	56661
Nixon W A	31570
Nixon W M	1412
	83104
	90389
Nixon W N	39529
	48506
Nizi G	34362
	82289
Niznansky F	84689
Nizza P	92889
Njá E L	15641
Noack W K	69945
Nobécourt P	29117
	73000
Nobel I	69722
Nobili I	22970
Nobili M A C	58039
	70970
Nobili M C	21459
Nobis F	65699
Noble G L	28088
Noble I	8894
	11139
	69723
	86675
Noble J	22221
Noble K F	88074
Noble M	338
Noble W	5254
	29271
Noble W B	93462
Nobles B	22709
Nobrega G de M	14614
Nobrega P	84895
Nobunaga S	79955
Noce G dalla	58314
Nodbel L G	25648
Nodine E H	21324
	49225
Nodland T	37591
Nodland T R	10382
	10404
	10405
	19148
	55131
	69672
	71643
Noel L E	31784
Noel P	17845
Noel R	73208
Noell G	46108
	88894
	95624
Noer R D	19683
Noerr B	42335
Noever J	8535
Noeverdal A	15655
Nofziger E	51429
Noggle C R	49025
Noggle G R	2587
	73207
Noggler K	5070
	23641
Nogina N A	58065
Nogtev V P	940
	56888
Noguchi A	28635
	47315
	56298
	72449
	81057
Nogueira G de B de S	28636
	28637
Nogueira I R	2808
	3148
	91202
Nogueira J B	95745
Nogueira-Neto P	6729
	34532
Nogyo Asahi Henshu-Bu	1223
Nogyo Fukko Kaigi	27532
Nohara Y	49274
	50330
	72733
Nohe	1114
Nohe	46493
Nohe E	770
	57289
	62720
	81496
	89905
	94304
Noilhan	44920
	53876
Noilhan H	10142
	11345
	17244
	19042
	27533
	63420
Noirclerc P	93231
Noirfalise A	13833
Noirot C	78265
Noko to Engei Henshu-Bu	30454
Nolan F L	38254
	46907
Nolan K G	68499
Nolan L S	81780
Nolan M O	4614
Nolan W J	22663
	32100
	41535
	41553
	41554
	92103
Noland J P Jr	78777
Noland P R	16071
	60470
	93235
Nold	60714
Nold R	24607
	34080
	52288
	60715
	68138
	84782
	93631
	93632
Nold T	10946
	18208
Nolf P	4909
Nolfi K Y	63909
Nölke E H	93633
Noll C J	21392
	57967
	57968
	74189
Noll' I	38311
Noll J J	31136
Noll L	43217
	43218
Noll W	68761
Nolla J A B	89530
Nolle J	57356
Nölscher K	66942
Nolte A	28971
Nolte H W	20849
	29349
	34599
	69040
	85685
	89750
	93456
Nolthenius A C T	40352
Noly R	75401
Nolz O	73208
	90054
Nome H	10236
	35735
	35736
	44876
	62116
Nominé H	10406
	26521
	53908
Nomland R	76357
Nomoto K	29350
	30785
	30864
	30865
	30866
	30867
	31137
	31309
Nomokonov L I	645
Nomura K	93457
Nonato E	52584
	52564
Nonin S	92852
	93266
Nonnecke I L	13499
Nonveiller G	16607
	16608
	16854
	17054
	17055
	85985
Nooder H J	5831
Nooijer J M de	2959
Noone J A	30579
Noordam D	579
	38817
	47555
Noordhoff L J	64045
Noort A van	92049
Nootbaar H V	8400
Nopitsch M	26400
Norbeck C C	35905
Norbert K	2053
	21155
	30318
Norbury C P	54207
	63862
Norby A	17306
Norby J C	55405
Norcross H C	46063
Norcross R E	54875
Nord F F	1036
	3613
	3794
	48177
	64723
	75691
	79931
Nord J	86879
Nord J D	94839
Nord S D	42377
	92755
Nordal A	64897
Nordan W W	82403
Nordang J	23557
Nordberg B	32374
	58587
	58588
	67385
Nordberg B K	85253
Nordbø H	35044
	78577
	78593
Nordbø R	37384
Nordbring B	56885
Nordby J E	32459
	93138
Norden A J	56890
Norden C	33014
Norden F	12749
Nordenborg M	84461
Nordenborg M O	25526
	65161
Nordengren S	14291
	58556
Nordenskiöld H	12163
Nordfeldt S	32266
	46494
	60435
	92327
	92779
Nordfelt S	4501
Nordgaard K	49191
Nordhammar G	8536
Nordheim K	50764
Nordin H	33440
Nordin P	45562
Nordio C B	5363
	24148
	80170
	83912

	Item
Nordio C B	84896
	92328
	93020
Nordis S de	92329
Nordisk Metodik Komite for Levnedsmidler	25615
Nordisk Skogsunion	91569
Nordiska Jordbruksforskares Förening	28368
Nordli E	47326
Nordli O	47327
Nordlund G	14924
Nordmann	40704
Nordmann H	36410
Nordmann M	7010
Nordnes T	55935
Nordquist A V	54684
Nordskog A W	23732
	33156
Nordström G	59724
Nordström O	55542
Nordyke J W	15302
Nordyke L	83105
Norelius J	24545
Norell K R	8607
	96078
Norén B	32190
	67223
Nores J G	2588
Nørgaard P C O	40353
	58040
Norgaard S	15102
	26101
	51895
Norgaard U J	39292
Norges Birøkterlag	93634
Norges Kjøtt- og Fleskesentral	95244
Norges Landbrukshøgskole	19358
	80509
Norges Landbruksøkonomiske Institutt	88506
Norges Pelsdyralslag	15648
Norges Trelastforbund	75402
Norheim A	17307
Norin Kinyuka	88172
Noringbauer G	35135
	86422
Norland J	57362
Norlindh T	11427
	89270
Nørlund S	65994
Norman A	20363
	49049
Norman A G	12331
	13809
	39120
Norman P A	43395
	68851
	85874
Normand	8775
	28342
Normand D	15010
Normand H	16609
Normand J	14925
	32056
Normand R C	49050
Normand W C	13553
	64820
	65995
	69200
Normander N R	54386
Normanha E S	40354
	58041
Norming H	67046
Noro K	13018
	89853
	90598
Noronha E de A	72500
Norqvist G	32653
	32857
Norrbin J	47992
Norrbottens Läns Hushållningssällskap	11191
	55989
Norri H	7921
Norrie J C	74305
Norris C B	75549
	75711
Norris D O	12015
	72843
Norris F A	36737
Norris H	94326
Norris J J	30580
	30581
	40297
	49292
Norris K H	11041
Norris L C	15103
	22839
	23920
	33249
	42613
	51665
	59220
	60077
	60096
	67298
Norris L M	28184
	80688
Norris M A	41829
Norris M J	25054
	49713
	64939
Norris P K	45215
Norris R E	24405
Norris R K	48801
Norris T C	85154
Norris W	78791
Norrish K	58098
Norsk Forstmannsforening	14344
Norsk Myrselskap	71980
Norsk Skogteknikerforbund	3189
Norske Hageselskap Oslo	57422
Norske Melkprodusenters Landsforbund	17915
	70077
Norske Myrselskap	11192
Forsøksstasjon pa Maeresmyra	11305
Norske Skogselskap	3236
Norsworthy P K	86598
Norte J del	70440
North A D	9299
	35078
North C	21296
	29946
	30455
	49192
	74047
North J D	27146
North American Gladiolus Council	74048
	90846
North American Lily Society	2054
	74049
North Borneo Forest Dept	31432
North Canterbury Federated Farmers	80572
North Carolina Board of Farm Organizations and Agencies	63421
North Carolina Board of Health	85402
North Carolina Cotton Growers Cooperative Association	18128
North Carolina Crop Improvement Association	1224
	20501
	90204
North Carolina Dept of Agriculture	21741
	22028
	26292
	68504
	71174
Div of Markets	25656
North Carolina Dept of Conservation and Development	91905
North Carolina State College of Agriculture and Engineering	38312
Dept of Agricultural Economics	25337
School of Agriculture	88799
North Carolina University Institute for Research in Social Science	37064
North Central Farm Management Research Committee	31215
Economics of Soil Conservation Subcommittee	
North Central Livestock Marketing Research Committee	95292
North-Central Regional Fruit and Vegetable Technical Committee	95058
North Dakota Div of Cooperatives	28089
North Dakota Farmers Union	19437
North Dakota School of Forestry	19838
North Dakota State Hail Insurance Dept	55055
North Dakota State Laboratories Dept	7471
North Dakota State Water Conservation Commission	66390
North of Scotland College of Agriculture	37180
	37581
	37586
Agricultural Economics Dept	37587
	37592
	37593
	46484
North of Scotland Hydro-Electric Board	69475
Northall J	34081
Northcote D H	64638
Northcote K H	74506
Northcott F E	6881
Northeast Pulpwood Research Center	75613
	75614
Northeastern Dairy Conference	69946
Northeastern Lumber Manufactures Association	31999
Northeastern Weed Control Conference	21393
	30582
Northeastern Wood Utilization Council	22683
Northen R T	59109
	9727
	29118
	30319
	65700
	65701
	72814
	74050
	40077
	82410
	82411
	90847
Northern Great Plains Agricultural Council	27534
Northern Great Plains Tenure Committee	27827
Northern Ireland Agricultural Research Institute	19706
Northern Ireland Ministry of Agriculture	11193
	29600
	32760
	33441
	33686
	38601
	42189
	46495
	47092
	47556
	51722
	51896
	52565
	65019
	65438
	65879
	65880
	67299
	67570
	68016
	68017
	68139
	68140
	68572
	69169
	69738
	70252
	72251
	73879
	74306
	75914
	76358
	76359
Northern Ireland Ministry of Agriculture	76360
	76361
	80296
	80349
	87085
	87782
	88585
Northern Rhodesia Dept of Agriculture	11194
Northern Rhodesia Dept of Surveys and Land	55406
Northern Rhodesia Dept of Veterinary Serv	32375
Northup D W	15607
	24186
Northrup King & Co Consumer Serv Dept	57287
	65162
Northwest Bulb Growers Association	49051
Northwest Crop Improvement Association	54508
Northwest Oklahoma Cattlemen's Association	84462
Nortje J H	64421
	72659
Norton A E	77492
Norton C	2055
Norton C L	3953
	51129
	76155
	76236
	76339
Norton D C	72902
	81317
Norton D M	84618
	92878
Norton E A	14148
Norton E M	8074
	44877
Norton H W	23768
	54129
	54143
	60451
	62419
Norton H W Jr	42002
Norton J B S	65702
Norton K B	69717
Norton L B	16299
	16306
	16868
	24439
	68496
Norton L J	10144
	63250
	86622
Norton W E	87800
Norum E B	58580
	82880
Norvell L G	62117
Norway Forsikringsrådet	55056
Norway Landbrukets Priscentral	78805
Norway Landbruksdepartementet	55702
	55703
	73723
Norway Landbruksdirektøren	10145
	15239

	Item
Norway Skog-direktøren	3237
Norway Statens Kornforretning	54509
Norway Statens Småbrukslaerar-skule	10753
Norway Statens Stambokkontor for Hest	23590 33015
Norway Statis-tisk Sentral-byrå	8336 9888 17700 17701 35421 35422 35423 63672 69742
Norway Veteri-naerdirektøren	4141
Nosas J	42887
Nose R	49052 65703 65704 90848
Nosenko F S	22322
Nosik A F	22972 32376
Nosin V A	49381 91251
Noskov A I	23642
Noskov N M	4142 4794 59698
Noskova E A	77493
Nosti Nava J	7802
Nosyrev S S	9826
Nothdurft-Wölper C	76673
Nöthlich F	66548
Nothstein D A	87954
Nott R J	10146
Nott R W	29755
Nottin	36411
Nottingham Road Farmers' Association	19438 37966
Nottingham University School of Agriculture	57864
Nottingham University College School of Agriculture Dept of Agricultural Economics	26949 37220
Nötzel H	82517
Nouhuys J R H van	26401
Noury E M	93333
Noury L	85986
Nouvel J	71030
Nova Scotia Dept of Agriculture and Market-ing	19619
Nova Scotia Dept of Lands and Forests	14387
Nova Scotia Inspector of Co-operative Associations	10906
Novak A G	20502
Novak F	26210
Novak M	67375 67808
Novak P	85859
Novak P S	22159
Novatsky	7126
Novella M	88131 88132
Novelli N	73442 81872
Novelli R	92330
Novikof V A	30456 82518
Novikoff P	85987
Novikov A G	32654
Novikov A I	41230
Novikov E A	23446
Novikov G	35126 37861 61403 61586 61634
Novikov G N	941
Novikov V A	7127 48026 56891 86172
Novikov V K	32971
Novikov V P	48027
Novikova E G	33442
Novikova L	32355
Novikova L S	22973
Novitski E	68762 85778
Novitskiĭ I	53203
Novokreshenov P I	20747
Novosel'tsev D V	33659 33660
Novozhenin IU	31216
Nowak	22846
Nowak A	3619 3620 58982 67107 75504
Nowak B	24302
Nowak E	24269 24270 32271 43049 51934
Nowak J	57468
Nowak W	24953 52662 52663 52664 68840
Nowakowski A	8537
Nowasad F S	47907 49491
Nowell R I	71741
Noy J	82784
Noyen J	1225
Noyes D T	6531 34338
Noyes G	81110
Noyes H	17173 86090 96223
Noyes L R	22974 50877 83913
Nozaki H	45720
Nozdrachev I F	24121
Nozdrunova E M	988 12551
Nozhnikov M I	48715
Nubourgh Y	74051 82412 90849
Nuckolls W J Jr	80077
Nuckols L T	75505
Nuckols S B	12879
Nuding H	94973
Nuel P	88293
Nuesch H	85988
Nuessle A C	62444
Nugent G R H	9545 69596
Nugent R J	8075 26061
Nuiji T W te	30868
Nuiia Villalta F E	61965 61966 61967
Nullmann	15104 44334 67300 73598 87156
Nullmann H	25356
Numans S R	32377
Nummecke D E	21988
Nunberg M	85669
Nuncio Bravo P	7803 61968 69830 86783
Nunes F J S de F P	66999
Nunes M	30720
Nunes O	71574
Nunes W de O	30448
Nunes Salvador A R	50878
Nunez-Samper M	62493
Nungesser T	9351 18590
Nunn A	18981 90205
Nunn J R	67834
Nunn W M	66391
Nunzio B del	45438
Nuorteva P	24954
Nuret	48310
Nuret H	18431
Nurmikko V	7472
Nürnberg-Krüger U	73457
Nursby A	6236
Nusbaum C J	64488 64489 72735 72736
Nuske J B	65881
Nussbaum C W	87365
Nutile G E	65882
Nutman F J	339
Nutman P S	29351 49471 49472
Nutrition Foun-dation	28191
Nutrition Society	11070 11140
Nutsubidze A	9988
Nutt E C	50436
Nutt G B	13600
Nutt W C	76979
Nutt W O	26888
Nutter F J	67505
Nutter G C	21394 25405
Nutter R M	51383
Nutting G C	62494
Nutting W	85543
Nutting W L	34667
Nuyl T W te	13865 66140
Nuytemans F	67236 71584
Nuzhdin A S	27395
Nuzzi A F	54648
Nyasaland Dept of Agriculture	11195 80729
Nyasaland Dept of Veterinary Serv	4143
Nyasaland Pro-tectorate Customs Dept	72061
Nyasaland Pro-vincial Com-missioners	88389
Nyblom-Holm-berg G	65705
Nybom N	72304
Nybroten N	87955 87956
Nybroten N A	36809
Nydahl I	32858 84113
Nydegger H	42549 51723
Nye G W	88390
Nye H	87412
Nye L B Jr	80350
Nye N C	5000 42441
Nye P H	49439
Nye W P	52469 60697
Nygaard J	58 2249 3520 14665 75120 83289 83290 83331
Nygard I J	66234
Nygren A	154 771
Nyhlén A	57865 73880
Nyholm I	41245
Nyholm J	12409
Nyland G	470 580
Nylinder P	56428 59122
Nylund R E	30583 49256 62552 74299
Nyman H	93635
Nys P F de	13975
Nysterakis F	29352 64807
Nyström B	17381
Nystrom P E	10754
O & A Electric Cooperative	25540
Oake G R	18559
Oakes D S	54741
Oakes J Y	65060 82039
Oakes W C	76604
Oakes Baldwin F	88507
Oakley E J	13342
Oakley J W	81786
Oakley M	71139
Oates W J	52082
Oatman D B	62039
Obara T	26962
Obata Y	52358 52359
Obée H	15303 59786 61404
Obel N	4910 4911 15685
Obenchain F L	93209
Obenshain S S	13936
Ober J	53268 53269 78600
Oberdorf	73443
Oberhauser	20946
Oberhelman L	50879
Oberländer T	71667
Oberly G H	56399
Obermayer G	64836
Obermeyer H G	45532
Oberst F	32552
Oberst F H	4664 76247
Oberst S	4363
Oberthur K	85670
Oberti F	67759
Oblom K	12410
Obnovlenskiĭ V M	31647
Obolenskaîa L I	2589 58116
Obolenskiĭ K	37520 55044 63326 63518
Obolenskii K P	37224
Oborina G	46312
Obr S	34710
Obračević C	84114
Obraztsov B V	66976 67009 93354
Obraztsov M	94729
Obraztsov N	6807 17056 17057 43831 61224 68979 78164 78165
Obre	87006 94809
Obre M	8134
Obregón P	20212 49193
O'Brien A J Jr	12164
O'Brien A S	41622
O'Brien C H	9679 27147 36939 46009 63121 71140 88075
O'Brien E J	36412 79612
O'Brien E L	13343
O'Brien G A	79298
O'Brien H R	15373 25331 40827
O'Brien J	18919 32953 37170
O'Brien J T	66648
O'Brien M	19038
O'Brien W A	59866
O'Brien W H	14836
Obright R	3929 32901 45113

	Item
Obritzhauser W	4364
	5779
	23138
	23139
	24228
	77085
	85180
Obukhov A N	95472
Obushinskiĭ E I	86948
O'Byrne W	14926
	83304
Obzhorin N Z	50880
Oca Pastor J	78908
	79817
	79818
Ocampo E	11873
Ocampo J A	12707
Ocampo Otero N	22779
Occhialini E	7997
Occhioni P	89340
Occhipinti G	32206
Ocheretenko E E	90055
Ocheretiănyi B	25297
Ocheretiănyĭ V A	39622
	82114
Ochiltree K	42296
Ochkin V	26885
Ochoa C	2250
Ochoa H	26402
Ochrymowych J	31493
Ochs E E	79751
Ochs G	6472
Ochse J J	65400
Ochsner F	64265
O'Colla P	52184
O'Connell E	42214
O'Connell J	42297
O'Connell J J	83791
	92221
O'Connor B A	16730
O'Connor C F	64579
O'Connor D G	61771
O'Connor E	95643
O'Connor R	13822
	19127
	37521
	63585
	71575
	71644
	88508
	88539
O'Connor R T	9410
	9429
	9468
	62745
	70971
	71009
Octubre F P	29601
Oda K	30457
Odate Z	52589
Oddie T H	72252
Oddo F G	23955
Oddoux L	39127
O'Dea J J	17985
	35762
	35828
Odelien M	1413
	2809
	7362
	20364
	22019
	74617
	92222
O'Dell B L	60097
Odell J G	18704
Odell R T	38189
Odell W T	62576
Odene C	12980
Odey G W	70857
Odikadze V V	25115
Odinčov A	25449
	94401
Odinčov P N	32166
	32167
	32168
Odinčova E N	17577
Odintsova E V	33841
Odiot F D	46838
Odland M L	21392
	49714
	57968
	74189
Odland R	76468
Odland T E	2251
	81965
Odlum G	4365
	4366
	4795
	32378
	67506
Odom R E	39128
	57746
Odóm R H	41031
O'Donell C A	81011
Odoni E	76652
O'Donnell M L	39060
O'Donnell P E	45075
	54024
O'Donoghue J G	4665
	32685
	77101
O'Donoghue W P	17608
O'Donovan J	55275
	55853
O'Donovan J E	56232
Odriozola M	23591
	28275
	76653
Odum H W	37746
Odynets R N	33687
Oebker N	879
Oechssler	19234
Oehler E	12213
Oehlkers F	47851
	56745
	56746
Oehme B G	6473
	34268
Oelckers S G	91921
Oele L C	1683
	13069
	65316
Oer A Freiherr von	28004
Oerlemans A	55480
Oers van	78828
Oertli H	67507
Oertzen H U von	11874
	5001
	15049
	15227
	23140
	23447
	23448
	32553
	41666
	42003
	52007
	68211
	82040
Oertzen-Hardenberg M von	55593
	71879
Oeser R	40078
Oesert K	95032
Oestridae	24807
Oetting W	93636
Oettingen H von	69041
	69042
	69043
Oettmeier W M	91715
Oeu S B	82862
Off International des Epizooties	4017
	4049
	4144
	4586
	67386
Commission Permanente pour l'Etude des Problemes Techniques que Pose L'Immunisation Anti-Aphteuse	41862
Off International du Cacao et du Chocolat	86723
	86724
Off International du Vin	53668
	61969
	61970
	69831
	78909
	86784
	86785
Öffenhäuser F	59029
Offerman A M	49440
	91324
Offhaus K	68682
Official Horse Show	33016
Official Horse Show Publishing Co	51463
Offner J	2252
Offord H R	30584
Offutt A C	4145
	67387
	93714
O'Flaherty F	70858
	70859
	87801
Ogait A	41555
Oganesĭan P A	22975
	67388
Ogasawara F Y	45865
	95392
Ogata D	74375
Ogata K	18335
	53419
	95127
Ogata S	50650
Ogata Y	50435
Ogawa T	9781
	86445
Ogden E C	82519
Ogg C L	69559
	69560
Ogg J S	44921
Ogg Sir W	14317
	40387
	40474
	58066
	58067
	74415
	82785
Ogg W E	18980
	88800
Ogier J L E	5490
Ogier T L	14271
Ogievskiĭ V V	31217
Ogilvie D D	75842
Ogilvie L	72850
Ogilvie W E	75982
Ogino S	28438
	56157
Oglaend I	41246
Ogland N J	3718
	3771
Ogle W L	29392
Oglesbee J C Jr	26403
	87252
Oglesby J	49405
Oglesby W	4146
	15483
Ogloblin A	34533
	43729
O'Glottis S	21156
Ogner I M	56466
	1226
	57028
	74190
	82041
Ognev V V	32460
	51789
Ognjeva S	85328
	85671
Ogolevets G S	58042
Ogorodov N V	75252
O'Grady L J	40475
	66235
O'Grady P	63939
O'Grady T J	86636
Ogren K E	87378
	94548
Ogrizek A	51328
Ogura T	41396
Ogura Y	59
	1055
	73001
Oguro E	13970
	82876
Ogus F	
O'Hair F	14204
Ohanesian A	79508
Ohara H	29756
O'Hara W	46839
O'Hara-May A J	55892
O'Hare P J	94327
Ohe	21742
Ohe v d	42190
O'Heare N J	27399
Ohio Association of Garden Clubs	39679
Ohio Bankers Association	88194
Ohio Committee on Agricultural Production Capacity	55276
Ohio Dairy Products Association	70078
Ohio Dept of Agriculture	14275
Ohio Dept of Natural Resources	3238
	58661
Div of Forestry	74052
Ohio Dept of Highways	13344
Ohio Directory Co	37562
	37563
Ohio Poultry Improvement Association	33443
Ohio Seed Improvement Association	27092
	36884
	95473
Ohio State University	
College of Veterinary Medicine	41863
Conference for Veterinarians	41863
Dept Agricultural Economics and Rural Sociology	10255
	18898
	26564
	36170
	55276
	78817
Dept of Botany and Plant Pathology	72408
Dept of Landscape Architecture	13344
Ohira K	64748
Ohl R	22840
	23062
	23449
	48507
	86407
Ohlander M C	54966
Ohle R L	25886
	78945
Ohlendorf A	64639
Ohlenroth L	7922
	69947
Øhlers H	64372
Øhlers H	64808
Ohlmann J	92018
Ohlrogge A J	13976
	30995
	58336
Ohlson M A	11046
	38068
	96138
Ohlsson A	11397
	64199
Ohlsson K E	41617
	75615
Ohlzelt T J	63422
Ohm K	46694
Ohman A F S	59355
	59699
Ohmasa M	47346
Ohmes B	6237
Ohmi H	13715
Ohnesorge I	95215
Ohno M	93523
Ohsawa M	50479
Ohta K	89432
Ohtsuki T	56158
Ohwi J	11491
	81012
Oijen C F van	36528
Oiseth D	64897
Oishi K	67163
Oittinen O	11841
Oja E	5583
Ojala A	43044
Ojala E M	54996
Ojert R	19128
	64933
Oka H	90056
Oka K	26962
Okada K	93550
Okada M	12165
	13345
	57747
	82413
Okada T	50277
Okajima H	90057
Okajima S	18129
Okamoto H	38721
	94113
Okamoto S	26417
	81643
Okamura K	84735
Okanenko A S	883
	12411
	39248

	Item
Okazaki K	93260
Oke C G	77760
Oke J G	12412
O'Keefe E J	65706
O'Keeffe P	12801
	20698
	29757
	65163
O'Kelley J C	45216
O'Kelly J F	30986
	39429
	57387
	58294
	65051
	79937
Oker-Blom N	42695
Okhova E P	13611
Okhremenko N S	78910
Okkels S	44236
Okko V	47248
Okladnov	34082
Oklahoma	38175
Academy of Science	
Oklahoma Agricultural Advisory Council	74528
Oklahoma Productive Capacity Committee	37385
Oklješa B	76995
Okoji H	81912
Okorokov N	25233
	44210
Oksa E	31881
	31882
Oksanen E	19129
Oksbjerg E	14615
	14616
	31721
	58315
Oksbjerg E B	3405
Oksent'ian U C	81318
Okunev V M	69266
Okuno H	28656
	72458
Okuno K	64908
Okuno S	73002
	73073
Okunšov M M	48028
	56892
Okuyama S	11492
	28439
	28585
	47269
	81013
Olafson G	20947
	20948
	86324
Olafson P	15427
Ólafsson J	62849
Olah L	12413
Olalquiaga Borne R	35656
Olalquiaga Fauré G	16224
Oland K	39129
Olart M	16680
Olarte J	4929
Olberg A	3406
	14435
	14507
	91713
Olberg G	5892
	6238
	16014
	16015
Olberg G	40355
	52470
	74376
	77494
	78035
	94033
Olbrich A	66961
Olbrich W	8538
Olbrycht T	23063
Olcaytuğ B	37143
Olcese O	50766
	59221
	84826
	85086
Olcott C E	3164
Olcott H S	70538
Oldacre W B	42995
Olde Riekerink H J	74928
Oldén E J	39810
	39830
	39831
Oldenburg	70128
Oldenburg C F	45879
Oldenburg F	56033
Oldenmeyer D L	32
Older R M	49194
Olderin G	9947
Oldershaw A W	48508
Oldham G	79803
	87086
Oldham Master Cotton Spinners' Association	36025
Oldroyd H	16731
	43133
Olds D	4367
	15304
	84115
Olds H F	93458
Olds I S	61825
Olds R H	85118
Olds R J	76553
Oleĭnikova T V	942
	90058
Oleksenko K	6938
Olemares Miralles E	33883
Olenius L	3385
	41176
Olenov Iu M	24955
Olerup H	94974
Olesen J	21998
	40705
	48311
	60863
Olesen J E	26293
Olesen N A	50067
Olesiuk O M	80184
Oleson G O	1414
Oleson J J	15855
	29198
Olfwenstam E	62761
Oliva A	7804
	12654
	17779
	35543
	40706
	53669
	69832
	70743
	74530
	80775
Oliva O	92331
	93119
Oliva Q J T	48415
Olivares Cabrera J	5832
Olivas S J	59357
Olive C L Jr	11875
	41178
Olive F R	58316
	90262
Olive J P	67301
Olive J R	32930
Olive L S	269
	28704
	38931
	81111
Oliveira A P de	68849
Oliveira A T de	37609
	87734
Oliveira B d'	72737
Oliveira E N S	28090
Oliveira F C de	25596
Oliveira J de	36123
Oliveira J A L de	61971
Oliveira J P de	9223
	20890
	27739
	35340
	35792
Oliveira L G de	87334
Oliveira P de	2542
Oliveira W A de	15720
Oliveira W M de	4475
	77073
Oliveira e Cruz Lemos P de	30996
Oliveira e Sousa Melo J E	68505
Olivencia P	80574
	80575
Oliver D	17609
Oliver F	50958
	88963
Oliver J	87877
Oliver J G	8539
	36026
Oliver J L	60
Oliver L	4367
	15304
Oliver R W	65707
Oliver Mrs S	58043
Oliver T	74307
Oliver W F	90059
Oliver W T	76821
Olivera F A	96180
Oliveres R	27535
Oliveri A	2590
Olivero Blanco C A	8135
	10996
	19359
	23450
	70800
Oliveros S B	17359
	29862
Oliveros Altamirano M	1596
Olivert J R	44713
Olivet T	50881
Olivier B J	74770
Olivier D L	56320
Olivier M	25688
Ollagnier	20748
Ollagnier M	13766
	13927
	57360
	58330
	74629
Ollero Gomez A	1056
Ollivier M	62874
Olmo H P	39712
	48693
	94674
Olmeim N C	48319
Olmstead A R	63880
Olmstead R H	4502
Olmsted F R	46168
Olmsted F S	57288
Olney C E	35883
Olofsson	16123
Olofsson B	8541
Olofsson N E	33688
	43045
	43046
	60495
	85216
Oloufa M M	15957
	85038
Olschowy G	65708
Olsen	66742
	89152
Olsen A	65709
	74053
Olsen C E	93926
Olsen E	22841
Olsen E M	17887
	70810
Olsen H	6550
Olsen H H	83225
Olsen H J	15748
Olsen H K	27536
	96003
Olsen K H	7274
	69371
	69743
Olsen L P	14542
Olsen M	2056
Olsen M W	5310
	23767
	24053
	51628
	67982
	76900
Olsen N J H	5778
Olsen O	53362
Olsen O W	42378
	68075
Olsen R W	26482
	79428
	87427
	95073
Olsen S J	62080
Olsen Publishing Co	8278
Ol'shanova K	36556
Ol'shanskiĭ M A	58823
Olshansky E	49195
Olson C Jr	5071
	15459
	15670
	16016
	32761
	51243
Olson C J	61096
Olson D	5491
Olson D S	22499
	75375
	75433
Olson E A	69450
	79588
Olson E O	826
	22500
	28779
	29230
Olson H	3373
	3621
	14809
	31981
	44295
Olson H C	35751
	35823
	70273
	76211
	79647
	79108
Olson H E	7923
Olson H H	76089
	76107
Olson J C Jr	17847
	53877
	79031
	79100
Olson J L	9827
Olson J S	72937
Olson K A	2057
Olson L J	84873
Olson M C	68573
Olson O C	57289
Olson O E	75762
Olson O L	87642
Olson P J	48029
	49293
	57114
	73089
	82571
Olson R A	30982
	30984
Olson R E	79731
Olson R L	26601
	87499
Olson R O	54042
Olson W J	78899
	78911
Olsonen K	1415
Olsson B	4368
	18954
	70860
	71459
Olsson E	15460
	32762
Olsson G	1501
Olsson G B	23451
Olsson H	34083
Olsson K	16420
	34084
	36722
Olsson L	5058
	5015
	5492
	15105
	16421
	33688
	42422
	42451
	42452
	42614
	59163
	60407
	60436
	76618
Olsson S E	15596
Olsson T	35853
Oltmann K	73599
Oltmann W	2253
	18289
Oltrogge	44817
Olver E F	44347
Olvera Herrera M	23956
Oma H	5072
Omaha Grain Exchange	45563
O'Malley C M	7963
	62118
Oman P W	52665
	93334
Omang S O F	47270
O'Mara J G	47852
Omdahl S M	69948
O'Meara J E	37937
	37940
	63811
	80576
	96063
O'Meara J P	26211
	44596
	45034
Omen E	13340
Omer-Decugis	70575
Ommeren G van	14494
Omohundro E H	18170
O'Moore L B	82745
	91244
	92332
Omori H	12404
	90045

	Item
Omori N	85817
Omori S	67708
Omsted A	57798
Omukai S	31047
	31049
Omura H	34687
	86065
	86071
Omura M	26611
Omura S	86060
Omvik A	90060
Onaran M H	13109
Oncken W	24608
	52289
	77495
Ondarza R	20465
O'Neal A M	40406
O'Neal R	25842
	26493
	53624
O'Neil F W	3719
	32105
O'Neil J B	60237
	60238
	60239
O'Neil L	22528
O'Neill G	4946
	23528
O'Neill W J	16855
	24406
	34478
	52182
Ongaro D	8279
	36941
	54234
Onishchenko A I	56893
Onishi K	16780
Ono H	73074
Ono K	38723
	38724
	39130
	50331
	78247
Ono Y	83414
Onodera M	95838
Onoe H	28227
Onofrio P	10907
	19439
Onondaga Co N Y Park and Regional Planning Bd	75167
Onrust H	78731
Onsem J G van	13192
	30320
	39131
	39832
	39833
	90061
Onslow W	62875
	70836
Ontario Agricultural College	47124
	57115
	62040
Dept of Agriculture	91434
Ontario Association of Agricultural Societies	10908
Ontario Cheese Producers' Association	8280
Ontario Creamery Association	79089
Ontario Crop Improvement Association	73373
Ontario Dept of Agriculture	10147
	10908
	19620
	46400
	62208
	73761
Ontario Dept of Agriculture	73854
	74112
	74141
	74173
	77556
	90959
	90966
Home Economics Serv	55893
Stallion Enrollment Board	15656
Women's Institute Br	55893
Ontario Dept of Lands and Forests	55407
Ontario Dept of Planning and Development	10550
Conservation Bd	
Ontario Dept of the Treasurer Bur of Statistics and Research	69744
Ontario Horticultural Experiment Station	12925
Ontario Plowmen's Association	21816
Ontario Veterinary College	32380
Onuchak A I	69238
	90009
Onuchkina N	26212
Onuki Y	11568
Onuma H	42439
	42440
Onuma K	69532
Onushko I A	32381
Onyett C	6239
Ookubo M	81105
Ooml S	50384
Oosten A van	1828
	30111
	48675
	73829
	73830
	73881
	73882
	82269
	90646
	90687
Oostenbrink M	29042
	72903
	89751
Oostenbrug W	4666
Oosterbaan T	86430
Oosting H J	66856
	89777
Oosting W	14508
	31672
	50421
Oparin A I	25843
	89167
Opafskiĭ L	21884
Opdenhoff E	7048
Opengo Escrmilla F	50377
	83445
Opheim M	17058
	68980
Ophen J D	87335
Opitz	48588
Opitz K	58317
Opitz K W	1704
	12414
	13019
	13020
	20900
	29998
	48753
Opland Landbruksselskap	59787
Oplatka G	18794
Opolchennyĭ M	42298
Oppenheimer H R	29353
	29354
	47716
Oppermann A	38725
Oppermann T	5689
Oppland Landbruksselskap	80730
Opsahl B	40298
Opsahl W	3239
	14436
	14617
	31351
Opsal A	47054
Opsomer J E	37386
	83013
O'Quin A	46784
Oquist A	84463
Orange A	9068
Oranin A N	68313
Orazi G d'	88076
Orbeck K	27200
	54934
Örborn A	7363
Orchard E R	40534
Orchard H E	2373
	40299
	49294
	49295
	57969
	74308
	82572
Orchard J M	55566
Orchard R	66743
Orchard W M	41556
Orcish F C	52850
Orcutt E P	32655
	51874
	51875
	84464
Orcutt F S	12415
	13797
	15063
Ordal J	35855
	54004
	54006
Ordext G S	43335
	66074
Ordillas R	63739
Ordin A P	82727
Ordina N A	707
	89854
Ording B	5114
Ordish F G	34479
	34480
	81275
Ordoquy L	69398
Örebro Läns Hushållningssällskap	11197
O'Regan B	56232
Oregon Academy of Science	72168
Oregon Camellia Society	65710
Oregon Dairy Products Commission	35737
Oregon Dept of Agriculture	70129
Oregon Forest Product Laboratory	31977
Oregon Land Board	37522
Oregon State Board of Forestry	3240
	22345
	34612
Oregon State College Cooperative Association	35863
	35864
Oregon State Horticultural Society	48676
Oregon Veterans' Welfare Dept	37522
O'Reilly D F	79299
O'Reilly J	68442
Orekhov M	32382
Orekhov M D	67389
Orel G F	22501
Orellana A R	81920
Orem M T	53353
Orenbakh B	87301
Orendorff M	17359
Orensanz Moliné J	4369
	41667
	42004
	67453
Oreshkin N V	35544
Oreshkov S P	75331
Orfanitskiĭ I O A	91253
Orfila R N	25009
	34536
	34613
Organisation for European Economic Cooperation	27400
	31534
	32169
	37061
	67164
	75404
	96100
Food and Agriculture Committee	67390
Sub-Committee on Fertilisers Fungicides and Insecticides	66712
Orgias A	12166
	72965
	74916
O'Riain P	94253
Oriol J de	45793
Orioles G	42191
Orissa India Forest Dept	14389
Orive Alba A	2960
Orizet	787
Orizet J	10905
Orjuela Navarrete J	11876
	72738
Orlando P	39132
Orlevskiĭ N I	39623
Orlich R A	42005
Orlick Mrs J	11695
Orlikov B M	78496
Orloff M D	70652
	62630
Orlos H	81276
Orlov A IA	50174
Orlov E N	33781
Orlov E S	22976
Orlov I	90390
Orlov I I	41588
	90062
	90599
Orlov I P	53064
Orlov P N	75188
Orlov P T	32383
	67391
	68203
Orlov S F	31883
Orlov V N	56747
Orlov V T	65056
Orlova A A	23923
Orlova T G	74771
	91435
Orlovskiĭ K	44237
Orman A C	74192
Ormières R	85598
Ormiston E E	79086
Ormsbee R A	23340
Ormsby H F	54997
Ormsby H W	38657
	47477
Örn P	73600
Ornduff D R	76108
Ornes C	36942
Germán E	
Orobchenko V P	20503
	57290
Orovchanets I	82881
Orozco M M	83106
Orpet E O	65711
O'Rourke E N Jr	2478
O'Rourke F J	16916
	24795
	78036
O'Rourke F L	21014
	57748
	90527
	90628
Orpet M S	40079
	72202
Orphal K	20504
Orr A B	75915
Orr H L	42691
	62975
	95372
Orr H P	74618
	74619
Orr J L	38270
Orr J R	15050
Orr M F	23651
Orr M L	53425
Orr N	57421
Orr R	55744
Orr R E	74872
Orr R S	45217
Orr R T	52123
	60585
Orrego G	31884
Orrell W R	16300
Orrù A	45564
Orsat C O	38602
	38603
	38604
	47416
	65473
Orsenigo G	87007
Orsenigo J R	21409
	30595
Orsenigo M	270
	11737
	11877
Orshanskaĭa V N	47557
Orshansky G	56672
Orshansky J	62631
	70653
	79509
	87500
Orsi G d'	54601
	54602
	70816
Orsi S	82042
Orsini D	67614
Orsini M W	59993
Örskov F	42120
Orso d'	18432
Orsolini M P	48364
	65057
Ortavant R	15305
Ortega B C	72699
Ortega C J	11292
Ortega J C	5915
	24369
	68981
	77877
Ortega M	28276

	Item
Ortega P	21460
	82414
	82634
	83014
	91129
Ortega Cantero B	11696
	28780
Ortega Lafaurie J	4370
Ortega Nieto J M	45794
	54140
Ortega Sada J	34085
Ortenzi R	23643
Orth A	24267
	33689
	65164
	65165
	79218
	87157
Orth H	20004
Ortin Rodríguez L	44749
Ortiz A A	29355
Ortiz D S	54053
Ortiz E	94169
Ortiz I	6551
	24845
	52561
	60955
	93884
	93885
Ortiz J B	27201
Ortiz L B	86961
Ortiz M	11873
	16866
Ortiz R	67165
	86042
Ortiz R G	80463
Ortiz Arrufat O	67392
Ortiz Garmendia J	2374
	21395
	30585
	49296
	57970
	74309
	91059
Ortiz Monasterio R	19049
Ortner A	78107
Orton E C	48030
Orton J	84211
Ortuño Medina F	28475
Orue J	5358
Orum A M	41864
Orvedal A C	13947
	30830
	66236
Orwin C S	46416
	55408
	78706
Ory R	79596
Osa P	1597
Osada H	67032
Osadchii A	94402
Osadchiĭ I	91422
Osadchiĭ K M	23452
	62795
Osara N A	50219
Osawa M	58624
Osawa T	50651
Osborn E G	82905
Osborn H A	30321
Osborn J S	40828
Osborn L	14838
Osborn L L	58651
Osborn R M	96117
Osborn S M	14837
Osborne D J	22989
Osborne J C	12416
	12417
	12418
	20365
	81645
	4901
	5833
	43083
	51984
Osborne J G	83358
Osborne L A	88964
Osborne M F	45425
Osborne R T	55812
Osborne R W	76709
Osburn M R	68851
	85874
Oschery J	30997
Osebold J W	15461
	23341
	51244
Oser B L	69706
Osgood A B	9069
Osgood O T	19259
O'Shea A P	46572
Oshima H	22773
Oshima S	9855
Oshima Y	28778
	90171
	93528
Oshmian Z	3930
Osinga F W	8190
Osipov A E	471
Osipov I G	21157
Osipov K I	57866
Osipov M E	22475
	91966
Osipov N V	35545
	35546
Osipov O B	74620
Osipov V S	2186
	57291
	73601
	82043
Osipova G A	38347
Osipova O P	20259
	39133
Oskardov P	32656
	44878
	94730
Oskarsson R	83620
Os'kin A	34900
Oslage H J	42080
	85219
Osland H B	76109
Oslikovskaia E S	55704
Os'mak N	27401
Osmakovskii P A	75332
Osman W H	5493
	51542
Osmani Z H	39251
Osmolovskiĭ G E	43219
Osmond D A	21599
Osmun J V	6552
	94119
Osnifskaia E A	2186
Osorio A F	16225
Osorio Lizarazo J A	17780
Ospina B S	86786
Ospina Leon A	60240
	68141
Ossa U R	61972
	69833
Ossewaarde J G	65058
Ossian W N	48677
Ossiannilsson F	6673
	6674
	43632
	47354
	68841
	77973
Ossman R C	25734
	35266
Ost K	71779
Ostalé E	69437
Ostale Tudela E	66075
	70972
Ostapenko P	55409
Ostashevskiĭ A G	70870
Østeby A	1598
O'Steen A W	51684
Osteen O L	41808
	84915
	92279
Ostenfeld H B	57381
Østergaard J	90528
	90850
Østergaard P S	41973
Osterholzer F	77496
Osterli V	90391
Osterli V P	1416
	29758
	48486
	48498
Osterlind S	12419
	12420
	81646
Österreichisches Institut für Wirtschaftsforschung	7584
	10997
Österreichisches Produktivitäts-Zentrum	37387
Ostertag H C	58651
Ostertag W	70253
Osterwalder A	56429
	69834
Osteux R	60119
Ostheimer F	3681
Ostiani M G	31434
Ostler H	10998
Ostlind N	61627
Ostrander C E	42615
	42803
Ostrŝakova-Varshaver V P	69022
Ostroumova O A	21743
	40685
Ostrovskaĭa L K	12411
	39248
Ostrovskiĭ N I	85403
	85759
Ostrowski W	41589
O'Sullivan P J	32763
	42192
	67670
Osumi S	50332
Osuna P	68443
Osuuskassojen Keskus Oy	9828
	88195
Osvald H	7675
	21396
Osvald V	13662
Oswald H	18649
	91570
	91714
	92033
Oswald J W	472
	561
	11351
	12016
	64490
	64566
Oswalt E S	29651
	39416
	61356
Oswalt W	11398
	89333
Osztrovszkyné E N A	17780
Ota M	50443
	50652
Ota Y	52589
Otagaki K	32266
Otamendi J C	61130
Otanes F Q	34668
	37967
	68683
Otani K	90012
Otásek P	25168
Oteifa B A	81362
Oteiza J	5625
Otero J R de	57292
	65166
	73602
	73603
Otey G W	18040
	36240
	36281
Oteyza L G de	27828
Otis C E	43257
	82573
Otis C K	7011
	25505
Otis O	84619
Otis S J	7011
	34829
Otlivanchik A	59013
O'Toole L	37862
Otrygan'ev A V	58318
Otsubo T	5741
Otsuka M	43082
Otsuki M	27697
Ott A	51388
Ott E	72111
Ott F	92472
	92818
Ott J	11399
Ott J N Jr	28440
Ott W	62095
Ott-Eschke M	56159
	58700
	72946
Ottar H	3720
Ottawa C E F	13181
Ottawa River Forest Protective Association	41265
Otte A W	62983
Otte F	76580
Otté F Jr	42396
Otten E	42379
	67835
	76554
Otten G J	10148
Otten J M L	58319
Otterloo J W van	65301
	65712
	65713
	73724
	90851
Ottesen R	7924
Ottestad B	61588
Ottey W H	79956
Otto F T	6240
	6241
Otto G	5570
	15948
	45721
	79752
	87802
Otto G F	51407
	59857
Otto H	21503
Otto H I	69451
Otto H J	10149
Ottolino G	9466
Ottosen H E	84352
Ottosson C O	45169
Ottosson L	9923
	41397
	74170
Otzen D	13783
	49442
Ouchi T	37388
Ouchterlony K	83305
Oudatchine S	63634
Oudcarspel L W B van	19043
Oude Ophuis B G	8864
Oudin	8895
Oudin A	59095
	41590
	74977
Ouellet A	91254
	41668
	83914
	92704
Ouellet C	20277
	39134
	81647
Ouellet G	71780
Ouellet I	50428
Ouellette G J	39135
Oughton J	6553
	77878
Oughton J G	36224
Oun Tatim	1165
Ournax A	18336
Outhouse J B	5718
	19130
Ovadia J	3190
	14345
Ovaltine Research Laboratories	38097
Ovanesian T T	25115
	61281
Ovcharov K E	29370
Ovchinnikov A	26213
Ovchinnikov F M	31435
Ovchinnikov M A	51790
Ovchinnikov M P	36943
Ovchinnikov N N	63122
	708
	39376
	47853
	57116
	73203
Ovchinnikova V	9948
Ovechkin S K	39136
	48031
Ovejero del Agua S	4147
	23342
	59700
Overaae H	35267
	37968
	80577
Overbaeck W	59077
Overbeke M van	8540
	70441
Overbey D	61747
Overbury	45835
Overby A J	26178
	27538
	46313
Overby L R	63947
Overcash J P	39896
	48872
Overcast W W	79033
Overell B T	81277
Overgaard S	55854
Overholt V	74772
Overholt W W	28586
Overholts L O	56285
Overlaet F G	85990
Overley F	11697
Overley F L	12981
	14101
	29948
	30035
	39738
	39739
	48716
	48802

	Item
Overman M	43336
Overmeyer L D	35158
Oversacq J	2481
	30459
Overstreet E	2552
	13774
	30869
	58107
	73210
Ovidio M L d'	71294
Ovinge A	31060
	80389
Ovington J D	47717
Ovsiannikov I V	29999
Ovsienko V A	95665
Ow L Freiherr von	22251
	22306
	25298
	49506
	50191
	58180
	75149
	86297
Owada K	27829
	88653
Owaki Y	64133
Owczarzak A	89229
Owen C R	1417
Owen D F	25055
	61225
	78087
	78166
Owen E B	63423
Owen E C	4564
	11111
	23197
	23285
	23286
	23287
	24154
	28215
	60349
	62057
	76163
	76266
	78998
Owen G	2649
Owen H	340
Owen J A	52471
	85326
Owen J H	64491
	72739
Owen J M	43047
Owen J R	18290
Owen L O	66900
Owen M J	38922
Owen O	13979
Owen P C	81648
Owen R D	12025
	80738
Owen R F	19523
Owen W B	6609
Owen W F	37678
Owen W L	14255
	18795
	46010
	54903
	71141
	79957
Owen W L Jr	52666
	52812
	61226
	85860
Owens E M	61555
Owens F	21496
Owens H B	65714
	90852
Owens H S	12880
Owens J B	62658
Owens J S	22029
	57303
Owens O v H	12524
Owens R C	79958
Owens W H	36944
	61973
	62503
	69835
	79819
	86787
	87336
Owings J F Jr	29373
	39120
Ownbey G B	19839
	38467
Ownes K	4867
Owtram I H	24332
	52008
	77146
Oxenham B L	341
	11698
	28924
Oxford A E	24173
	93178
Oxford Farming Conference	34785
	37523
Oxford University Agricultural Economics Research Institute	27305
	37225
	71742
	88643
Imperial Forestry Institute	50132
Oxholt-Hove H	94762
Oxley H	55705
Oxley T A	70744
	79613
	93419
Oyaert W	4148
	4722
	32695
	42124
	51845
	67606
Oyama N	50320
Øyen K	72591
	94382
Oyen W van	60323
Oyenuga V A	48187
Oyler P	10319
Oyrzanowska J	23504
Ozaki J	26963
	78735
Ozawa J	29475
Ozawa T	80297
	90206
Ozawa Y	19576
	45880
Ożegović L	59955
	59956
Ozenda P	89448
	89449
Ozerov G V	1705
	39137
	39138
	39778
	39779
	58044
Ozerov N S	90392
Ozerova M A	58044
Ozerskiĭ P S	84644
Ozerskii S	83015
Ozerskiĭ V I	89230
Ozhin F	42905
Ozhin F V	51791
Ozirnyi M	60241
Ozolina E	89341
Ozolinš J	91065
Paardekooper M	45397
	45439
	48705
Paarlberg D	7585
	7586
	9283
	17654
	17656
	18540
	19267
	35341
	45700
	45706
	62939
	71743
Paasch E W	66744
Paasi K	56430
Paauw D S	10320
Paauw F van der	13929
	82705
	82810
	82882
	82883
Pablo Pardo J C de	65883
Pabst G F J	89342
Pacchierotti F	1659
	17427
Pace D	95747
Pace D M	76710
Pace H	71880
Pace J V	88504
Pacheco G	33109
	62149
Pachećo H	29216
	62495
Pacheco M F	16226
Pacheco Acuña D	2482
Pachelbel Freiherr von	50153
	50154
Pachikov S M	30112
Pachon Rojas L	17542
	44377
Paci C	8281
	15189
	15190
	19044
	22842
	32267
	32268
	60242
	92705
Pacific Coast Entomological Society	17174
Pacific Dairy and Poultry Association	69949
Pacific Logging Congress	31906
Pacific Molasses Co	75793
Pack A B	53111
	95565
	95566
	95567
Pack F C	26964
	62944
	70973
Packaging Institute	7562
Packard A W	85055
Packard C L	8794
Packard C M	16856
	93459
	93460
Packard R Q	66141
Packard W G T	66713
Packer E	61535
Packer P E	30870
Packer R A	22962
	42181
Packman D F	32152
Packman D J	79959
Packman E M	24788
Paclt J	271
	28781
	34614
	61227
Paclt J	77761
	85991
	89343
	94120
	94121
	94122
	94123
Pacsu E	36079
	70356
Pacyna G	10756
	19360
	28005
	71460
	71461
	80510
	88801
Padberg K	46314
	55490
	63264
Paddock F B	6242
	6323
	43337
	43338
	52290
Paddock J	41063
Paddock W R	14985
	30871
	32097
Padén W R	31277
	49715
Padezhnov I	61589
Padfield C A S	18337
	61857
	65344
Padhye Y A	38786
Padilha E	58749
Padilla E	37760
Padilla V	40080
	82415
Padmanabhan V M	18777
Padoa G	71983
Padwick G W	19942
Paech K	1057
	39249
	73211
Paeffgen	16422
	34086
Paes	28006
Paetz	5364
	23957
	53270
Pagador F R	82669
Pagán C	904
	2454
Pagani A	19045
	27539
	71697
	95867
Pagani F	44922
Pagani L	37118
	53455
	55032
	61772
	61773
	69597
Pagani P	46936
Pagano C	19235
Page C R Jr	41146
	50220
Page E C	19684
	56050
Page F	31381
	37637
Page H J	10150
	11338
	38314
	47435
Page	78761
	79510
	86663
Page J B	13755
Page J O	2058
	21158
	40222
Page M	91060
Page N R	74621
Page P	90853
Page R	91614
Page R E	10757
Page W M	20366
Page Z E	49053
Pagel L F	41638
Pagenkopf E	28007
Pagenstedt B	18433
	87540
Pages	25701
	72062
	88965
Pages J	6913
	6914
	43923
Pages P	34087
Paget A	71881
Pagler F	26869
Paglia G	31218
Pagnon R	87643
	95187
Pagot J R	76110
	84116
Paguirigan D B	36994
Paharia K D	72761
Pahlke A F	70037
Pahlman A	2059
Pahnish O F	4796
	59588
	67582
Pahud T	77497
Pai K V S	14318
Paĭatsyk V V	72740
	95034
Paĭchadze B V	5690
	34195
	60363
Paiement R J	68076
	68077
	68078
	68142
	69399
	79866
	84981
Paijmans K	22287
Paillusseau E	30786
Paim H D	16017
Pain J	43339
Pain P	53878
	62150
	62151
	70130
	79101
Pain S K	89977
Paine J	2483
	84353
	93461
Paine K E	39377
	39378
	39530
	81873
Paini E	55277
Painter J H	36136
	47412
	49913
	55936
Painter R H	5873
	5981
	17059
	24407
	25084
	64996
	93462

	Item
Paisley K	13980
	21744
	30998
	40707
	40708
	49716
	66392
	82884
	91329
Paiva D V	49361
Paiva J	50882
Paiva O C	9356
	36661
	54649
Paiva O M	15597
Paiva R de	40829
Paiva T	62762
Paiva Neto J E	56775
Päivärinne E	35176
Paixão J da C	61
	73212
	82574
Pajah J P	75549
Pajalić J	82044
Pajalunga G	33742
Pajbjergfonden	56748
Pajuelo Vera J	55278
Pak D N	4371
	23174
Pak K	40564
Pak K P	21800
Pak N	37524
Pakhirko A	26214
Pakhomov M	63327
Pakhomov V	44133
Pakistan Association for the Advancement of Science	37309
Pakistan Association of America	25597
Pakistan Forest Research Institute	66076
Upper Topa Murree Hills	
Pakkanen M	31436
Pal B N	62821
Pal B P	81014
	81497
	90263
Pal K B	70373
	70442
	87272
Pal N	12167
	89855
Pal R	6554
	61018
	61023
Palacios C	15414
Palafox A L	23869
	23970
	60098
	76752
Palamar' N S	74377
Palamarchuk A S	39293
	48235
Palamarchuk I A	29746
Palatini G	94449
Palatnaĭa G G	40523
Palavecino W O	18585
Palazzo A	10151
	40765
Palazzo J T	10509
	10510
Paleg L G	48032
Paleni A	62721
	62940
	95348
Palian B	85056
Paliatseas E	48630
Palieri M G	35547
Palik P	28657
Palilov N	54860
Palilov N A	62632
Palimpsestov M A	24700
Palkin G A	76091
Palkina N	56994
Palladin E	44133
Palladino G	70974
	79778
Pallansch M J	79810
Pallant A G	25469
Pallaske G	42348
	51375
	75916
Palleroni N J	64787
Pallesen H R	62763
Pallesen L	30322
	73831
	82223
Palley M N	14531
Pallier A	37677
Pallier H	95447
Pallini R	67571
Pallister E F	42482
Pallotta F	13866
	71462
Palm C E	89110
Palm D	20991
Palm E T	38640
Palm M O	77498
Palm O	52291
Palm T	60864
Palmén E	77762
	24740
Palmer A	52385
	50546
Palmer A Z	75616
Palmer C B	26824
	62
	29755
	61373
	65302
	81649
Palmer C J	8076
Palmer C M	19719
Palmer D	46417
Palmer E	943
	14267
	20367
	49054
	68444
	74378
	77248
	89231
Palmer E F	74054
Palmer E H B	62119
Palmer E J	89382
Palmer E L	2060
	38282
	55606
	63988
	69088
	85916
	88802
Palmer F H	58897
Palmer G F	4947
	32954
	42336
	60046
	92772
Palmer H	33494
Palmer J R	92756
Palmer L	80204
Palmer L M	57397
	96004
Palmer M A	61068
Palmer M B	96101
Palmer R C	48717
	65345
	70443
Palmer S	71668
	88654
Palmer S H	27765
	27830
Palmer-Jones T	6243
	24623
Palmgård A	21159
	30323
	30324
	40081
Palmgård E	54276
	57423
	74055
Palmgren P	24701
Palmiter D H	11878
	11879
	20001
Palmiter H	35652
	45036
	45037
Palmqvist S	77763
Palmrose G V	41538
	67166
	77493
Palomino Horse Breeders of America	92819
Palosuo V J	50409
Pals C H	87783
Palsanen E	19621
Pálsson H	18517
	33630
	33631
	60388
	76980
	76981
	76996
	77028
	77029
	79767
Pálsson P A	32384
	42964
	51245
	68259
Palsson W	83915
Palti J	11881
	11890
	19943
Paltre L	70975
Paltrinieri G	22543
Paltrinieri S	75917
	83916
Paludan F	40300
Pammer F	29510
	29602
	29760
	29761
	29762
Pan-American Coffee Bur	69836
Pan American Union	4706
	6193
Div of Agriculture and Conservation	6374
Panafutina N N	56894
Panaiotov P	67328
	87464
Panama Dirección de Estadística y Censo	38047
Dept de Censos	61888
Panama Dirección de Estadística y Censo	71759
Dept de Censos	
Panaretos A	49979
	71576
	88509
Panasechkin L A	75080
Panasenko A D	31138
Panasenkov N	44775
	45038
	53790
Panasiuk M I	78912
Panchenko G	94731
Panchenko S D	23566
Pancirolli F	75617
Panda S N	84354
Panda S P	59049
Pande J K	88540
Pande J N	3811
Pandit N S	52292
Pando F de	36945
Pandya H G	80687
Panegrossi T	27540
	75081
Panella A	12881
Panevin K S	30113
Panganiban F C	2752
	2861
	21687
	29603
	29923
	39724
	48274
	64982
	73410
	88803
Pangburn H C	34413
Pangrazi A	59761
Panhorst P	31310
	40974
Panić Z	88895
Paningbatan E S	2166
Panjan M	11880
	12017
	12018
Pankaskie J E	52185
Pankofer J	86881
Pankov A	60324
Pankov V A	32981
Pan'kova O	47646
Pankratov A A	84630
Pankratova A F	40440
Pankratova N M	20368
Pannekoek G J	13347
	30325
	40082
	40083
	90854
Paños Martí P	84827
	84898
Panouse J B	6380
Panov A	81650
	83415
Panov A A	66393
Panov I	65167
Panov N N	22502
Panova A V	934
Panova E	23236
	62850
Panova I G	45068
Panse V G	45218
	88541
	91330
	91331
Panshin A J	59058
	75712
Panshin I A	5000
Pant D N	272
	36726
Pant G B	4797
Pant G D	52813
Pantanelli E	1418
	49717
	57023
Panteleev A Y	2961
Pantenburg V	67047
Pantiushev N A	82977
Pantoja J	1539
Pantović R	19131
Pantskhava A D	83177
Pantulu J V	89856
Panych N T	30999
	34853
	39897
Paolieri L	65884
Paolis G de	80203
Papadakis J	29838
	37258
	65168
Papadaniel S	92853
Papageorgiou E	27831
Papaian A	26215
Papalashvili G M	33012
Papanicolaou D	74773
Papasolomontos A	1829
	13058
	57867
Papautski D	54833
Papautsky D	63061
Papazian H P	20232
	20233
	47854
Pape H	89531
Pape R	47887
Papenfuss G F	235
Paper Cup & Container Institute	38098
Papi G U	72112
Papi Gil A	82885
Papier M T	29117
Papini G	88391
Papmeyer H	49829
Papp A	89232
	93335
Papp C S	34269
	43466
	52472
	68684
Papp E	4372
Pappenheimer A M Jr	61226
Paquet M	18862
Paquette L	80511
Paquot C	62941
	79820
Paradeau C	52293
Paradis A	1419
Paradis R	12802
Paradiso L	9070
Paradiso L J	63216
Paraense W L	32931
	33321
Paraf A	15449
	51634
	59339
Parakin V K	33055
Paramio S	20576
Paramonov A A	12048
Paramonov S J	6555
	43537
Paramzin I I	91169

	Item
Parasassi M	62415
Parau D	67572
	76212
	78497
	79102
	84091
Paray L	89233
Parchen F R Jr	67404
Parcher E S	13348
Pardatscher G	89857
Pardeshi J S	1420
Pardo Alcaide A	60865
Pardo Miro	47417
Quesada C	
Pardy A A	155
	14467
	38488
	50192
	66874
	66875
Paredes A F	74056
Paredis F	4667
	4722
Paredis F	84147
	84412
Pareja E O	28311
Pareja y Rosales J G de	84736
Parekh H G	46840
Parekh H V	70976
Parenzo G	36413
Parez M	42141
Parfenov A T	90647
Parfenov G M	22466
	41320
Parfenova E I	20369
Parfent'ev L N	35548
Parfent'ev V IA	60866
Parfent'eva T L	69837
Parfett J A	45354
Parguey	75760
Parguey G	12803
	29604
	39531
	53980
	54510
Parham B E V	56160
Paribeni R	72203
Parikh J G	62416
Parina S L	95398
Paris R	10840
	48178
Paris Lozano G	25844
	46315
	55279
Parish D H	38379
Parish R	54511
	80409
Parish R M	8401
Parishkura I S	2254
	9637
	94305
Parisinos F	2484
Parisinos J	49298
Parisot A	8542
	18130
	70444
Parisot M A	26404
Parizeau L P	70038
Park B	47418
Park C M	36414
Park G S	8571
	70445
Park H G	65715
Park J E	13349
	54795
Park J K	2221
Park O	34270
	34271
	68685
Park O W	6323
	16427
	24625
	52294
	93652
Park R	7507
Park R E	41349
Park R L	80390
Park T	16610
Park W	62241
Park W E	68074
Park W J	7859
	25946
Parke W N	83458
Parker A H	48216
	61019
Parker C A	55499
Parker C V	38330
Parker C W	66394
Parker C W O	88896
Parker D F	51755
Parker D I	49441
	49447
Parker E	53835
Parker E D	92126
Parker E M	76198
Parker E R	881
	31000
	47620
	49718
	56589
	64548
	91293
Parker F E	55721
Parker F W	12578
	30724
	40589
	44303
	49719
Parker G	73337
Parker G C	46695
	71882
Parker H E	30769
Parker H L	34615
Parker J	39139
Parker J B	944
	20370
Parker J E	33157
	33444
	42579
	76693
Parker J H	81874
Parker J R	86043
	94170
	94178
Parker J S	36707
Parker K G	581
	38801
Parker K W	22408
Parker L T	35395
Parker M B	29585
Parker M M	1830
	13500
	53036
	61498
Parker M W	805
	945
	20371
	20372
	39018
	39140
	89931
Parker O	14205
Parker P	51427
Parker R	78628
Parker R B	8136
	26155
	35810
	35811
	44985
	79103
Parker R W	19658
Parker V H	13601
Parker W	57293
	62471
	70654
Parker W H	95399
Parker W J	9071
Parker-Rhodes A F	273
	89465
Parkes A S	15051
	59158
Parket H D	92050
Parkhurst R T	92964
Parkin E A	16227
	17060
Parkin I E	53879
	86208
Parkin J	38932
	73003
Parkin T E	62722
Parkinson J	78681
	86497
Parkinson T I	27281
	61722
Parks D	2940
Parks D L	91061
Parks R	25332
Parks R L	42696
Parks R Q	14006
	14102
	49406
	59084
	82677
Parks R R	65996
Parks S L	5365
	51724
Parks T H	6001
	6730
	34616
	43924
	77249
	93463
Parlagreco A	71698
	95910
Parlange J A	19327
Parlour R R	63863
	83473
Parmar C S	15980
Parmelee C E	8275
	53978
Parmelee J H	3643
Parmenter L	16732
	34363
	34364
	43538
	52566
	77879
	77880
	85760
	93886
	93887
Parmentier G	503
	48033
	82045
Parmentier P	2255
	30460
	35268
	44471
	61774
Parmer D G	59706
Parnas	88804
Parnas J	4149
	5834
	22978
	24302
	32385
	32386
	51493
Parnell E D	9546
	9547
	18701
	23958
	27028
	27029
Parnell I W	42961
	76991
	85123
Parnell J E	32071
Parnev V A	62417
Parodi L R	11493
	89344
Parodi R A	82046
Paronian G Kh	39886
Parr F L	30326
Parra H J	74622
Parra J L	57172
Parreira A M	37119
Parri E	10511
	27832
Parrin F W	86639
Parris G K	47419
Parrish D B	4440
	62069
	84180
Parrish J R	15539
Parrot A G	47307
Parrot L	60956
	85761
	93888
	93889
Parrott A W	43730
Parrott C F	58181
Parry D A	33817
Parry H B	15593
	15598
	15599
	32925
	32932
	84691
Parry J	13350
	91062
Parry-Pritchard D E	44515
Parsadanian A P	37525
Parshin N	20749
Parshley M S	15852
Parshutin G V	23592
	23644
	23645
	33017
	84620
Parsons A D	67799
Parsons A T	61803
Parsons E B	30830
Parsons F	9638
	26602
	79511
Parsons F G	88020
Parsons F K	18434
Parsons F L	26801
	86623
Parsons G	9867
Parsons H	2061
Parsons H W	65488
Parsons J	68518
Parsons J L	89696
Parsons K H	37678
Parsons M S	18042
	26294
	44400
Partanen J	77086
	85217
Partch R E	15011
Parten H L	5975
Parthasarathy S V	66395
Partington J I	95293
Partridge C W H	29142
	29476
Partridge H J	94254
Partridge M H	93021
Partridge M W	39227
Partridge S M	94515
Parvin D W	7587
	17655
	27740
	71645
	71646
	80355
Paryski W H	81072
Pascale H	68763
Pascali L	9868
Pascher O	52567
Paschke B	45039
Pascoe T A	85390
Pascoe W B	57469
	65340
Pascual C R	89028
Pascual J A	28091
Pascual P F	85511
Pascual Gonzalez B	71883
Pasfield D H	17442
	25169
Pasfield G	25056
	43731
	64567
Pashatova V A	20699
Pashchenko IA	51130
Pashenko A	42804
Pashin V	71577
Pashkina N	44776
Pashkov G D	47782
Pasinetti L	473
	28925
	29356
Pasini B	1116
	1421
	49196
	49362
	49363
	49830
Paskewitz L	55681
Paskhaver I	35424
	95188
Paskhina T S	29477
Paskvan R	90393
Pasma W	50767
Pasolini A	4373
Paspalev G	84783
Pasquale D R	79491
Pasquali W	35684
Pasquel R	82658
Pasquet A R	91977
Pasqui G	38727
Pasquini M	92854
	92855
Pass H	29536
	29605
	57054
	64373
Passalacqua C S P	68849
Passebon L	33445
Passechnikoff V	9348
Passecker F	47183
	48803
	64809
	81651
Passek R	52279
Passelègue G	78361
Passera U	44682
Passerini C	67760
Passerini O	19132
	55106
	55543
	88510
Passmann B	14411
	41086
	41087
Passmore M	51812
Passmore R	96139

	Item
Passonneau J V	34675
	34676
Pastac I A	14276
Pasteels J	16917
	17175
	52722
Pasternak R	61826
Pasteur F	96232
Pasto J K	18955
	61374
Pastor Boggiano M	65264
Pastor Cosculluela F	65885
	82886
Pastor Torres	36946
Pastore R	81652
Pastori G	46968
Pastorini F M	14103
Pastornacki C	82047
Pastouriaux L	28277
Pastrana J A	34617
Pastukhov S F	24126
Pastushenko V O	40884
Pasvogel M W	23768
Patac de las Traviesas L	39780
	44211
	45795
	45796
	45797
Pataržić A	94293
Patau K	48034
Patay R	51645
Patché L	90500
Patchell M R	15347
Pate D D	23343
Pate J B	56444
	65956
Pate R	80204
Patel A	8543
Patel B M	76362
Patel C B	70977
Patel C J	2485
Patel C P	4798
	26062
Patel D K	40476
Patel D P	95748
Patel G A	6474
	94171
Patel G C	582
	1422
Patel G J	20781
Patel G M	75700
Patel H K	5983
Patel I	25598
Patel J J	40975
Patel J S	90965
el M K	531
	532
	533
	534
	535
	11982
	12291
	38728
	38786
	38787
	40348
	56584
	72675
	81112
	81278
Patel M S	28144
	63165
	87878
	88121
Patel P L	582
	1422
Patel R C	5983
Patel R M	582
	1422
Pater C	16423
Paterno A	85124
Paterson C R	6731
	24609
	52295
	79642
Paterson D	23141
Paterson D G	9281
	70835
Paterson D R	12507
	29357
Paterson J A	4789
Paterson J J	61507
	61508
	78528
Paterson J W	80298
Paterson J Y F	84652
Paterson K A W	83164
Paterson R	32657
	43949
	67303
	86358
Pates A L	56154
	89220
Pathak J	18864
Patil B A	95625
Patil J A	39325
Patil L H	80512
Patil R B	56581
Patil R P	48034
Patil S V	57174
Patiño B	19904
	56493
	81217
Patiño L R	63251
Patissier J	13981
Patman W	35342
Patnaik P K	70978
Patočka F	51985
Paton D F	27093
Paton D M	47812
Paton F J	95448
Paton R R	22268
Paton W D M	15578
Patow C von	59157
Patraw P M	28587
Patrick A D	70526
Patrick C E	17916
Patrick H	5306
	23859
	33315
	76753
	76822
Patrick J O	59222
Patrick P E	7389
Patrick T E	76014
Patrick W	73213
Patrick W F	6244
Patrizi F	36614
	45698
Patrizi S	77764
Patron A	26481
	54208
	62633
	78778
Patron S A	26481
Patrone G	14509
	31571
	75189
Patrons of Husbandry National Grange	71984
Patrushev I M	69274
Patrushev I P	67938
Patschky A	9540
Patt J	13014
	66549
	90600
Pattabhiraman T V	66077
Patten L L	74379
Patten O M	88018
	50239
	50481
Pattengale P S	15426
Patterson A C	13351
Patterson A E	22288
	91644
Patterson B	54742
	83016
	87337
Patterson B A	54277
Patterson C F	49055
	74057
Patterson E F	61375
Patterson E K	52568
Patterson F G	24846
Patterson H L	10407
	44777
	51329
	80351
Patterson J D	25676
	68506
Patterson J K	4470
	41736
	49720
	82010
Patterson J M	14206
Patterson J T	60957
	60958
	60959
	60960
	60961
	60962
Patterson J W	85166
Patterson M E	946
	13982
Patterson P J	12655
	45040
	45041
Patterson P M	11543
Patterson R	21297
Patterson R A	18270
	23142
Patterson R E	21404
	40305
Patterson R F	22734
Patterson U L	65716
Patterson V	39834
	39898
Patterson W I	25617
Patti P	26891
	78707
Pattison B P	45670
Pattison E S	61861
Pattison I H	51844
	76989
Pattje D J	342
	88392
Patton A R	23860
	33222
	68018
Patton C R	21954
Patton E L	3756
	14961
	22689
	22690
	41591
Patton F	75150
Patton J	25998
Patton J G	27423
	37679
	46316
	88655
Patton M B	28184
	46957
	80688
Patton P	53670
	94359
Patton R L	25105
	86031
Patton S	7998
	25845
	53880
	53981
	62242
	79034
	94802
	94874
Patton T E Jr	43266
Patton W G	86359
Patton W H	92319
Pattyn J	87253
	94975
Paturau J M	63123
Patyra W	23344
Pauck	343
	1660
	38605
	38606
	85992
Paukner E	7805
	26715
	69814
	70727
Paul	49721
Paul B H	22675
Paul D	86581
Paul F	25856
Paul H	07254
Paul J	48312
Paul J Jr	62472
	70514
Paul J J	33922
Paul P	44424
Paul P C	54387
	54675
Paul R A	44267
	53271
	71578
Paul S	45228
Paul T M	62081
	72141
Paul W R C	1423
	90394
aula A de	28192
aula R D de G	11141
	11142
	75151
Paules L H	5646
	32660
Pauley S S	12421
	81439
Paulhus N G	7521
Pauli H	44472
	53468
Pauli O	68445
Pauli W	10364
Paulian R	2528
	93336
Paulick H	71295
	71985
Paulin A	36287
Paulsen E	21955
Paulsen H	55706
Paulsen H S	29949
	73214
Paulson J A	21817
Paulson W E	37969
Paulus A	20035
	20112
Paulus A J	93286
Paulus A O	11699
Paulus R	61827
	61828
Paulus R C	53456
	54278
	79349
Paulusberger R	82048
Paunero E	89271
	89345
Paunović S	92841
Paur S	13704
	74380
Pauthe H	15305
Pauzé F	2375
	13602
	40301
Pavan C	52524
	52564
Pavan M	16611
	33884
	85329
	85455
Pavani A	14675
	19841
	20036
	20134
	82290
	83332
	83454
Pavé S	32764
	77122
Pavel A	50547
Pavgi M S	6675
	12422
	24956
	28705
	39193
	64306
Pavillard J	81341
Pavillon F	94255
Pavlech H M	50781
Pavlenko E K	90395
Pavlenko F A	30148
	58824
Pavlenko V I	78396
Pavlinova O A	56987
Pavlonskiĭ A M	35549
Pavlov A	10152
Pavlov A N	31722
Pavlov B A	75253
Pavlov B IA	48313
	90396
Pavlov D	36662
Pavlov E F	51159
Pavlov E G	54967
Pavlov G	58320
Pavlov G D	13110
	29763
Pavlov G N	81159
Pavlov I F	60963
Pavlov I P	57971
	82049
Pavlov I V	55410
	63519
Pavlov M	53204
	58460
Pavlov M M	24610
Pavlov N V	72204
Pavlov P	85584
Pavlov P A	1831
Pavlov S N	53083
	69153
Pavlov V	35653
Pavlov-Grishin S I	35550
Pavlova M	20992
Pavlovskaîa M D	23321
Pavlovski W L	44597
Pavlovskiĭ E N	6381
	60515
	64046
Pavlovskii G	61493
Pavlovskii I V	7183

	Item
Pavlovskii A A	81653
Pavlovsky G	44473
Pavlushkov L V	31883
Pavolini T	92153
Pavord A V	77500
Pavot	71533
Pawel B	94294
Pawlowski A	86882
Pawłowski B	28454
Pawsey C K	3459
Pawson H C	23237
	55707
Pax F	16918
Payak M M	81112
Payette A	38543
Payeur J B	7637
Payfer R	68507
Payne F	33322
	65717
Payne G F	51815
	51816
	57972
	6599
	65998
Payne J H	71142
Payne K T	39493
	39532
	65101
Payne L	68019
Payne L C	76363
Payne L F	24050
	51725
Payne M G	39061
	48047
	56818
	73215
Payne P C J	66142
Payne T	45203
	88554
Payne T M B	91205
Payne W J A	15540
	59788
	60403
	63648
	67573
	92173
	92377
	92706
Paynter E L	75983
Payrebrune G de	89532
Payrebrune St Seve G Baron de	91063
Paysan L	10758
Payton J	15462
Payva C C A	86542
Paz-Andrade V	17781
Pazdral J	88897
Pazos Gil J M	66550
	83017
Pazourková-Hrubešová Z	48788
Pchelkin V	49722
Peabody F R	17681
Peabody G Jr	36738
Peabody G E	80597
Peabody H B	14767
Peabody H W	37816
Peace T R	81163
	85404
Peach M	56349
Peachey R A	1227
Peacock F C	52177
Peacock F M	74058
Peacock N D	10759
Peacock P R	61858
Peacock R	8282
Peak A R	29003
	72848
Peak J W	12000
	47633
Peake F G G	85672
Peake J S	88687
Peaker C R	71083
Pear Growers League	54279
Pearce C C	45355
Pearce G W	77302
	93368
Pearce J	88511
Pearce J A	7563
	87087
Pearce M L	4928
Pearce O W M	49723
Pearce S C	2486
	90063
	90529
Pearce W E	69707
Pearch L C	64374
Pearl E C	9550
Pearl M L	9949
	28312
	32170
Pearl R C	95474
Pearman J V	86091
Pearman R W	49364
	78005
	78913
Pearsall L W	79443
	95074
Pearsall W H	19771
Pearse C K	29764
Pearse N S	37082
Pearson A A	72501
Pearson A E G	52473
Pearson A J	41552
	75628
Pearson A M	60471
	76213
Pearson C E	12926
Pearson C H O	21885
	40709
	49914
Pearson C L N	8245
Pearson C R	7184
Pearson F	92104
Pearson F A	10153
	17656
	35343
	53521
Pearson G A	81593
Pearson G L	49915
	58461
Pearson H C	30740
Pearson H R	25057
Pearson H S	19842
	34736
Pearson H W	3072
Pearson I G	23959
	33323
	51644
	68079
	84784
	84897
Pearson J K L	51515
Pearson K	17782
Pearson L R	36288
	52773
Pearson M M	42929
Pearson N F	88715
Pearson O H	2256
Pearson P B	23607
	24139
	68013
Pearson R F	13352
Pearson R G	15016
	50629
	83683
Pearson R W	66551
	74457
Peart J N	60343
Pease A S	64200
Pease C H	6246
Pease M	42550
	42805
	84785
Pease O H	947
Pease R W	87501
Pease W	26405
Pease W F	10843
Peasley D	17194
Peat J E	54141
Peat S	53420
Peatfield A E	61635
	78578
	94471
Peattie D C	22222
	41126
	47271
	66876
Peaud-Lenoel C	62942
Peavy B	21634
Peay W E	43832
Pecego R	62243
Pechdo P	71463
Pechmann H von	58848
Peck C	53836
Peck C G	26716
Peck F W	10760
	10154
	19046
	46074
Peck G K	92820
Peck H	64810
	64811
	81921
	81922
	82196
Peck H A	60184
Peck L	15106
Peck M E	64602
Peck O	68890
Peckenschneider L E	60964
Peckham J O	17783
	17784
	25846
Peckham M C	51609
Pécora E J	49415
	50017
Pecot R K	53416
Pedemonte N	43396
Pedersen A	20234
	26216
	92821
Pedersen A H	53736
Pedersen A W	42299
Pedersen E	63424
Pedersen F B	11265
Pedersen H A	37226
	46596
	63328
Pedersen J W	70877
Pedersen K	12927
Pedersen M W	90397
Pedersen N T	25999
Pedersen O B	28345
Pedersen P K	6247
Pedersen R	9224
	15622
	32988
	42412
	67866
Pedersen S	9856
	10999
	37727
	63864
Pedersen T	69239
Pedersen W C	8641
Pederson C S	7549
	18315
	18338
	36232
	45440
	45441
	86664
Pederson W D	7390
Pedrosa	12882
Puertas R	79960
Pee W van	44829
Peebles J H	46573
Peebles R H	19822
	20633
	62418
Peech M	21539
	30789
	66189
Peedin C D	57007
Peek N	76755
Peek N S	57944
Peek N S Jr	65999
	66000
	66034
Peeks S	11071
Peel A C	71095
	79899
Peel B	70837
Peel R V	55280
Peel W L	87644
Peeler H T	22843
	42616
Peers J H	42680
Peet H M	80205
Peet L J	79749
Peeters F J	13353
	16424
	30149
	43340
	68686
	68982
	82635
Peeters G	42193
	51845
	59702
	94355
	87353
Peeters G J	15409
Peevy F A	14581
Peez A von	93791
Pegazzano F	85405
	85861
	85862
Pegg E	32859
Pegg S E	4799
	32860
	51032
	51330
	67730
Pegler H F	15811
Peglio V	13867
Peglion V	1228
	2962
	10155
	81279
Pegreffi G	60364
Pehlgrimm W	86883
Pehrson S O	3700
	32171
Pehrsson O	33818
Pei H S	29658
Peich N N	22557
Peichl L	73832
Peig Plans F	70446
Peiker A	29859
Peikert F W	44147
	66552
Peill E	86268
Peillard M	86788
Peillon de A	25272
Peintner J	46696
Peirce A W	42930
	42931
	50768
Peiris H J F	95349
Peiris J W L	89641
Peirson H B	28563
Peissi P	44598
Peitzmeier J	67508
Peive IA V	30787
	63989
	95749
	96217
Peixoto A M	77087
Peixoto W	15463
	76364
Pejkić B	82224
Pejoski B	3754
Peking F	17061
Peláez O J M	82225
Pelchat V	96005
Pélécassis E D	24364
	24695
	24702
	24762
	24957
Pélegrin P	20879
Peleshchuk V I	24611
Pelgroms J D	59123
Pelham G C	54998
Pelfakh M A	48035
Pelicarić J	76995
Pelikan J	43925
Pelikan L	35551
Pelikan W	49685
	50015
Pelisek J	49509
Pelissier C L	92473
Pelissier J	13901
Pelka	27833
	27834
	80391
	88656
	88657
	88658
Pelka F	37680
Pelkwijk A J ter	11494
	57581
	72360
Pellar	60716
Pellegrin F	28588
Pellegrini D	15191
	84356
Pellegrini J P Jr	52183
	85456
Pellegrini O	72960
Pellegrini S	84746
Pellegrino J	77974
	77985
Pellérdy L	5588
	5681
	15192
	33586
Pellerin H	84465
Pelletier J R	1424
	22979
Pellett K	70979
Pellett M	1425
	21461
Pellett M A	13716
	49365
Pellicer K L	14510
	31437
Pellini G	42194
	83888
Pellissier A	85818
Pellissier F L	4668
Pellizzarri C	10156
Pelluchi L	47558

	Item
Pelly R S	3558
Pelosse J	38119
Peloux W	9225
Pelshenke P	18435
	87645
	89123
Pelshenke P F	36415
	45565
	45566
	54512
	54513
	87646
	87647
Pel't N N	20135
Peltier	29358
Peltari R	14882
Peluffo C A	6532
Pelzer K J	46513
Pelzer W	17917
	17918
Pemberton C E	93464
Pemberton R	33661
Pemberton R L	93210
Pembroke E A	65265
Pen F	1851
	8835
Peña A	15240
Pena L de A	90960
Peña M T de la	10157
	10158
	61889
Peña Astudillo M A	63292
Peña Durán R	64492
Penabad Fraga M	15241
	70867
	95301
Pence M O	84197
Pence R J	34196
Pendergrass G D	69149
Pendergrass W	91332
Penders E	87255
Penders J	76469
Penders J M A	19047
	65169
Pendlebury C L	40590
Pendleton A	61229
Pendleton A M	87256
Pendleton J W	29606
	29607
	29608
	57117
Pendleton R L	27542
	82786
	91256
Penfold A R	36739
	87257
Penfound W T	38869
	72938
Pengra R F	37724
	46105
	46589
	64934
Penha A M	92333
Penhale B M	76520
Penhall H	2257
Penick (S B) & Co	24458
	24459
Penionzhkevich A E	33446
Penionzhkevich E E	23769
Penistan M J	14618
	50221
Penka B	12883
Penman F	8642
	49541
Penman H L	20373
Penn M B	66553
Penn R J	37357
Penn Barrow G	3812
Pennak R W	34365
Penndorf M	49724
Penne F Jr	61376
Pennefather H F	58212
Pennell F W	38469
	38470
	38471
	64201
	81015
Penner L R	6528
	52667
	93876
	93890
Penney R C	36566
Penney R C	36584
Pennings A W	76365
Pennington C	21956
Pennington D	20374
Pennington J P	10761
Pennington M E	9551
	71042
Pennington R J	5691
	68253
Pennington W	51131
Pennisi C	10762
Pennisi L	54321
	95048
	95128
Pennock J D	59002
Pennsylvania Dept of Agriculture	12928
	22030
	25760
	57424
	63082
	88393
Bur of Markets	33447
Pennsylvania Dept of Forests and Waters Div of Research	49299
Pennsylvania Horticultural Society	39680
	57425
Pennsylvania State Forest School	31611
	31620
Pennsylvania State Grange	37970
	55772
Pennsylvania State Horticultural Association	1599
Penny J M	90398
Penny L H	81838
Penny N M	36740
Penon G	47783
Penryn Growers	45264
Pensa G	83392
Pensack J M	3936
Penskoi I K	75720
Pensky J	62742
Penticton Cooperative Growers	80578
Pentin A P	28435
Penton A	28782
	40885
	51586
	60243
	69010
	82656
Pentze W T	8719
	17676
	26509
	54256
Penwarden E H	25357
Penzhorn K E W	66649
Penzo S	31139
Pénzváltó I	92334
Peoples D L	51392
Peoples S A	68508
Pepe G	41865
Pepinsky J B	32244
Pepoli G	45491
Pepper J H	24935
	32746
	43887
	78228
Pepper J O	61311
Pepper J R	7806
Pepper M B Jr	9410
Pepper R	95282
Pepper W F	23861
	23879
	33238
	42623
Pepperall R A	17848
Pepperell R H	5002
	51428
Pequegnat W E	12087
Pequignot G	63922
Pequignot R	2683
	3119
	29609
	29610
	44055
	44102
	44103
Pequito Rebello	21960
Pequito Rebello J	95350
Perälä E	17521
	86490
Perault A	32554
Perazich G	61709
Perchikhin A	25273
Percival	34088
Percival E G V	32152
	56763
	62317
Percival J C	15386
	23238
	67664
Percival M	52296
Percival R C	85250
Percival W C	41032
Percival W N	50175
	91667
Perdeck A C	6867
Perdisa S	61536
Perdomo J E	71175
Perdomo R S	85417
Perdriau M	64375
Perdrix J	43084
Perdue J W	63944
Perea Sanjuan A	93086
Pereau-Leroy J	48754
Peredera B A	23622
Perederii F G	12708
	40710
Peregonchenko B M	94124
Peregonchuk S	23453
Peregrina F	50133
Pereira A S	40354
	58041
Pereira C	60756
Pereira H C	2543
	30872
	53037
	74310
	74381
Pereira H F	60586
Pereira I	68213
Pereira J Jr	42513
Pereira J A	22568
	28464
	55708
	91615
Pereira N A	45219
Pereira O D	22388
Pereira P de C	15832
Pereira S	48804
	82226
Pereira Filho A B	66554
Pereira Iraola C	18518
	26802
Pereira Rodriguez J	6248
Perekal'skiĭ F	57118
Perekal'skiĭ F M	39379
	65020
Peren G S	68214
Perenc A	23646
	33734
Peretz Y	5984
Peretz J	11883
Perevalov V A	75003
Pereverzev A	94328
Pereverzev G A	39430
Pereverzev S	82947
Pereverzeva A K	31001
	31002
	74623
Perevlazkina L M	11899
Pereyra Iraola C	46317
Perez A	24122
Pérez C E	92335
Perez G R	86789
Perez G S	19361
Perez M	1706
Perez M M	23345
Pérez N	13111
Pérez P	35103
	37747
Perez V	40886
Perez Abreu L	76111
Pérez Alonso S	79961
Perez Arbelaez E	72305
Perez Castells L E	27244
Perez Castro C	27926
Perez Catan E	23647
	60365
Pérez Cuesta M	87088
Pérez de Gracia J J	21886
Pérez Garcia M	3073
	21957
Perez Gomez A	54142
Perez Leyba F	88077
Perez Loren A	70745
Perez Mateos J	74458
Pérez Pereda R	63596
Perez Portugues J	79300
Perez Quintano J	59432
Perez-Rebelo R	4929
Pefez-Salas y Lamo de	344
Espinosa J	474
	25847
	30114
	32081
	35552
	44714
	44715
	44716
	44717
	45442
	53671
Pefez-Salas y Lamo de Espinosa J	68446
	69838
	69839
	69840
	69841
	69842
	69843
	69844
	85406
	86790
	86791
	86792
	86793
	87502
	87503
	90686
	90689
Perez Salazar H	10159
Perez Valera F	40327
Perez Villalba O	61974
Pefez y Pefez	4669
	33593
	59957
	59958
Perfilov M A	41330
	91964
Perfumery and Essential Oil Record	45798
Pergolesi A	55281
	63635
	88231
	88394
Perhusen K R	75520
	83658
Perici E	82704
Perilä O	14927
	41635
Perini D	55496
Perini M	52194
Perini Mrs V	48036
Peris S V	6556
	77881
Peris y Pérez P	18131
	30327
	40084
	48718
	90855
Perisic M M	11884
	11885
Perk C G M	18796
	27148
	36947
Perkin G F	35269
Perkins B G	61590
Perkins B L	11973
Perkins G O	84621
Perkins J F	52723
	61131
	85917
Perkins J W	13354
	27657
Perkins L C	22025
Perkins M	65665
Perkins N S	67761
Perkins S O	2650
	40551
	49310
Perkins W C	41419
Perkins W L	38078
Perkitny T	81170
Perkow W	33940
Perkucin R	93022
Perlado F	60717
Perlasca G	21298
	57868

Perlin A S Item 9072 9073
Perlman A E 41420
Perlman D 12423 94608
Perlova R L 30461
Perlmutter S H 70007
Perlzmayer F W 23770
Perman O 64935
Perminov T A 33056
Pern M A 23593
Perner E S 56709
Pero R 51726 51727
Perol G 61591 61664
Perolahti O 22662
Pérold I S 49492 60344
Peron J 95750
Péronnet J 19622 31243 69127 82050
Perotti R 35396
Perotti R M 5255 10409 15913 23862 23960 23961 24054 42551 42617 53272 68080 76823 93023
Perova K 39237
Perraud G 29346
Perrault M 89029
Perrault S 51543
Perreault E F 79987
Perret J 85863
Perret J E 24763 79444
Perrier 14104 25170 58321
Perrier G M 58322
Perrier M 19721
Perrier de la Bathie H 133 38446 56233 64202 89261 91130
Perrigo G 60718
Perriguey N 75004
Perrin A F 44778
Perrin J L 10763
Perrin L N 36416
Perrin M A 54338
Perrin de Brachambaut G 64203
Perrine D 57460
Perron J 77088 85289
Perron J P 60965
Perron M A 19362
Perron R 85585
Perrot 75299
Perrot J 73775 82183
Perroteau A 80694
Perry A L 18239
Perry A S 34366 34367
Perry B A 2258 74287
Perry C J 87413
Perry D A Item 4670 92653
Perry D L 27603
Perry E J 4374 4375 10410
Perry E S 79692
Perry F 13355 57749 72306
Perry F J 61859
Perry G S 37863
Perry H H 30830
Perry H J 41558
Perry I B 7341 77765
Perry J P Jr 35834
Perry J R 53982
Perry M L 13983
Perry R 5626 69044
Perry R E Jr 36932 92072
Perry T 3666
Perry T D 14875 14876 14877 32045 32050 41493 41494 41499 50457 59011 59030 67138 75563 83589 92073
Perry T G 67836
Perry T W 67536 76214 84162 92557
Perry V G 3103 52953 56621 89752
Persell R M 87845 87879
Pershin P 10160 27658
Pershtein V M 58182
Persi R 10161 31003 57119
Persico L 87648
Persin P 55411
Persio Ferrari O 55855
Person H L 50102
Person J A 46841
Persons T D 64568 72858
Persson A R 2259 2376 13356 40223 54861 65886 74193
Persson B 16425 43341
Persson C J 4800 59589 80352
Persson H 11544 64266 89412
Persson O 42081
Persson S Item 46496 74774
Persson W 72063
Pertchik B 28528
Pertchik H 28528
Perticará G 26603
Pertseva E I 48509
Perttunen V 24847 24848
Pertusa M 46842
Peru Dirección de Colonización y Bosques 37681
Peru Dirección General de Agricultura 5985
Peru Estanco del Tabaco 71176 79988
Peru Ministerio de Agricultura 8544
Peru Ministerio de Agricultura Campaña de Fomento del Cultivo del Lino 18132 18436
Dirección de Economía Agropecuaria 18437
Perucci E 1117 29870 36995 57869
Peruchon J 5494 15374 24055 42697 66334 84357 87957
Peruchon de Brochard J 3931 47024 51587 55990 68143 70254 84828 89093 92965 93087
Pervak I A 59223
Perventsev A 37389
Pervomaiskii G S 60787
Pervukhina N V 38933
Peryam D R 53638 86552 94529
Peryman R V 87258
Perzlmayer F W 5179 15749 23771 33158 42552 51544 51545 60047 81113
Pesante A
Pesaro A 7185 7239 53084 78556 86232 10162
Pesata H
Pescara Camera di Commercio Industria e Agricoltura 71464
Pescatori E 78420
Pesce G 9950 10512 10513 27659
Pesce P A Item 36565
Peschaut R 647
Peschetz H 24612
Peschke G 86269
Pescio M 6249 43342 60719 68574 77501 77502 93637
Pescio M S 6250
Pescott E E 2062 31438 50193 57294 73604
Pescott R T M 78167
Pesel'nik S 35045
Peshekhonova N F 81727
Peshkov A 67533
Peshkov V 26217
Pesman M W 2063 49407 82416
Pesola V A 20577 39380 72349
Pessoa S B 10764
Pest Control 34481
Pestal E 22467 31885 75434
Pester F R N 92666
Pestre A 85811
Petch C E 86325
Petek M 76642
Petelina A M 49511
Peter G 36418 71465
Peter J 78914 86794
Peterburgskii A 2810 20765
Peterburgskii A V 89105
Peteri R 59078
Petermann H G 41824 41907
Petermann R 61860 79512 87504
Peters 23772 88395
Peters A B 23773
Peters D W A 74382 74383 57870
Peters E H
Peters E J 70576
Peters F 22569
Peters F E 46997
Peters F N 61804
Peters F N Jr 44401 44516 44517 53484
Peters G 45042
Peters G H 55709
Peters H 9609 42082
Peters H F 65170
Peters I 79104
Peters I I 79035 79161
Peters J C 76533
Peters K H 70153
Peters L A 51783
Peters L S 62943
Peters M A 14619
Peters N 49300
Peters N J 8283
Peters R A Item 2408
Peters R F 6624 34426 68795 85819
Peters R H 6610
Peters R M 82417
Peters R W 29662
Peters W 36615 75918
Petersen 69355
Petersen A 2811 16733 30586
Petersen A T 7352 94460
Petersen B 25058
Petersen B B 23893 64455 93792
Petersen C F 23863 33223 33224
Petersen D H 56501
Petersen E 53881
Petersen E L 73216
Petersen E S 4912
Petersen F H 15630 16098 24268 32972 42413 60437
Petersen G M 79588
Petersen H 15107 25333 41737
Petersen H I 2354 2377 2378 49301 49302 66001 66002 74478
Petersen J 38043 82418
Petersen J E 4671
Petersen N 4503 4801 4802 8137 8284 16072 26102 32861 38044 42806 44923 45043 45044 51588 53983 60244 61592 68020 68144 68314 69950 70255 70256 76754 78601 79036 79162 93267 94862
Petersen P 20766 49831 95911
Petersen V G 88659
Petersen W 43048

	Item
Petersen W E	4672
	15541
	32658
	37267
	42083
	42084
	51132
	51246
	53737
	70079
	71579
	76215
	76273
	76350
	78602
	84167
	92649
Petersen W W	85267
Petersen-Dalum J	46318
Petersen Sheep Co	33632
	51876
Petersham H	94675
Peterson A E	63258
Peterson A G	6732
	77250
	93968
Peterson A W	10163
	10179
	37864
Peterson B	25947
Peterson C	88232
Peterson C I	50134
Peterson C J	31535
Peterson D C	25677
	59703
	76366
Peterson D G	24903
	61312
	77882
Peterson D W	15795
	76755
Peterson E A	28885
Peterson E E	7588
Peterson E H	33324
	33930
	68081
Peterson E L	55710
	89642
Peterson E T	2963
	14105
	31140
	58462
	66555
	83107
Peterson G	14532
Peterson G E	46843
Peterson G M	26483
	36155
Peterson G T	25733
Peterson H	46844
Peterson H A	7378
Peterson H B	49725
	58323
	58324
	66396
Peterson H O	77629
Peterson I A	67863
Peterson K D	62723
	69453
Peterson L C	89748
Peterson L O T	34535
	34565
Peterson M L	1426
	12804
	20700
	39533
Peterson M S	19548
Peterson N L	46845
	74775
Peterson P D	38729
Peterson R	91170
Peterson R D	21160
	90856
Peterson R F	57114
Peterson R T	27341
Peterson R W	3667
	41495
Peterson V E	79459
Peterson W	21299
Peterson W H	72678
	95636
Petheram M	54594
	79689
Petisca J L N	5835
	32933
Petit	55711
Petit A	57750
	76742
Petit C	52569
	69372
Petit J	1058
	5073
	70980
	70981
Petit K L	86476
Petit M J	65449
Petit-Laurent V S	10514
	55076
	71296
	88660
	88805
Petitjean M	88898
Petitjean R	68842
Petitlaurent V	27902
Petitpas J	67060
Petković M	86360
Petrak F	28706
	28707
	72502
	72503
	72504
	72505
	72506
	72507
	72508
	72509
	72510
	72511
	72512
	72513
	81084
Petrakhilev I	20861
Petrakhilev I M	38934
Petras V K	17428
Petrelius T	76367
	92638
	92639
Petrenko A G	39641
Petrenko A P	90961
Petrenko B G	4673
Petrenko E I	35546
Petrenko I A	80105
Petri F	76902
Petri L	17785
Petri V N	41421
Petrie G	75618
Petrie W	36663
	70886
	86795
Petrîaev I	46194
Petricevic J	7508
	17657
	27402
	71466
	71699
Petrich K	69951
	71885
	71886
Petrichev M	85256
Petrik C	85993
Petrini S	3352
	31612
Petrocchi C	31141
	49916
	55282
Petrochenko E I	8896
	56990
	56991
	56992
	64898
	90173
Petronaitis I P	51846
Petronici C	35553
	35835
	36156
Petrosini G	20461
Petrov	76636
Petrov A P	91251
Petrov E M	83306
Petrov G	37564
	58825
	63865
Petrov I	46075
Petrov L G	42195
Petrov M P	21958
	21959
Petrov N	59224
Petrov S	22110
	86270
Petrov V A	60345
Petrov V F	49366
Petrov V G	43397
Petrova A N	90172
Petrova E K	25783
Petrović A	92640
Petrović D	77113
Petrović D S	22346
Petrovich M B	27835
Petrovskiĭ V	26892
Petrucci D	81654
Petrucci E	5780
Petrunià M I	73684
Petrunkevitch A	24703
	93715
Petrusenko	91847
Petrusenko V	44069
Petrusevich P	34854
Petrushenko D D	53085
Petrushenko V D	82051
Petrushov A	27543
	46319
Petry G	45709
Petrych J	33057
Petsch	91588
Petsch	92034
Petschke	30817
Pett L B	72113
Pettarin T	1118
	27903
	73605
Pettee M L	63910
Pettenpohl H	33495
Petterson H	58758
Pettersson A	61520
	69313
Pettersson B	72416
	96218
Pettersson E	47272
Pettersson S	22727
Pettex-Sabarot M	45567
Petteys A	79733
Pettinari C	475
	38730
	47559
	72968
Pettinga J J	29891
	39835
Pettis A M	40830
	74776
	78316
	78666
Pettit G B	46846
Pettit G H N	10411
	71320
	88586
Pettit G M	74873
Petty B H	35270
Petty B K	16301
	33941
Petty H B	34482
	77813
Petunin F A	22980
	23346
	24394
	24395
	32387
Peturson B	12424
Pétursson J	12805
	15464
Pétursson J G	62887
Petutschnigg	76470
Petutschnigg H	51133
Petz A	3668
Petzel F	54143
Petzel F E	64064
Petzold A	60720
	61132
Petzsch H	23713
	67949
Peuckert W E	71887
Peulvruchten Studie Combinatie	12579
Peus F	6611
	69045
	85762
Peux B	80392
Peverelli V M E de	72592
Peverett F	64204
Pevzner M	37390
Pew W D	13868
	30462
	58325
Pexton L M	87735
Peyer A	48365
Peyer E	948
	13112
	20375
	20993
	35554
	44718
	57601
	57602
	73883
	80410
Peynaud E	25849
	29483
	35555
	36157
	39253
	53672
	53673
	53677
	86796
Peyoski B	75660
	75661
Peyre P	7807
	25850
Peyresaubes R	83543
Peyresblanques R	48037
	48678
Peyret H	10164
Peyronnet	41927
Peyronnet F R	55773
Peyronnet R	4236
	13113
	19440
	23064
	44719
	82270
	84117
	86173
	88256
	88396
	95751
	95752
Peyrot J	27202
Peyrouton M	19363
Peythieu	1427
	1428
	12656
Peyton G W	90857
Peyton J L	93088
Pezat A	7638
Pezzo L del	79694
Pfadt R E	24935
Pfaeltzer J W	28926
Pfaff H L	29623
Pfander W H	33097
	50883
Pfannenstiel W	36419
Pfanner J A Jr	17910
Pfanzagl J	88451
Pfeffer A	43126
	85407
Pfeffer K	55116
	71700
Pfeifer	34089
Pfeifer G	94976
Pfeifer S	47420
Pfeiffer E	21999
	22000
Pfeiffer E E	66263
	66264
Pfeiffer G	63217
Pfeiffer H	72935
	86921
Pfeiffer H H	20172
Pfeiffer J P	14438
Pfeiffer M	78397
Pfeiffer N E	74059
	74060
Pfeiffer R	20578
	24849
	28927
	29178
	57973
	73444
Pfeiffer W	69275
Pfeiller K	67125
Pfeilsticker K	17578
Pfenninger H	35932
Pfiffner J M	86738
Pfingsten A A	25555
	44361
Pfister C	29360
Pfister C E	21161
Pfister F	7925
Pfister L	5627
	5719
Pfisterer E	37091
	66697
	16698
	55774
	55775

	Item
Pfisterer E	55776
	71986
	71987
Pflannenstiel W	33942
Pflaum K	10165
Pflaumbaum W	88397
Pfleghar	33885
Pfleghar G	8897
	48719
Pfleiderer K	10412
	10515
Pflimlin M	27544
Pflimlin P	69598
Pflub K	20701
	29765
	50068
Pflug I J	45419
Pflugfelder O	93716
Pfrang	54514
Pfudl H	79792
Pfulb K	65171
	73606
	75794
Pfützenreiter	6475
Phaff H J	7468
Phagan C V	28008
	53273
Phares E F	1035
Pharis L E	63812
Pharr H A	22175
Phelps E F Jr	44545
	44546
Phelps E L	54129
	54143
	62419
Phelps F T	5016
	67939
Phelps H F	88078
Phelps W M	11072
Pheris W E	35271
	36206
	45356
	45357
	45358
Philadelphia Academy of Natural Sciences	43890
	43891
	43892
Philipenko F S	50333
Philip C B	24704
	60788
	77883
	85586
	93360
Philip C J	45789
Philip G	84982
Philipp	39740
Philipp F	30463
	40224
Philipp H	15750
	33448
	33449
Philipp R	88160
Philipp W	24958
	33886
	77975
Philippe J	76742
	83751
Philippe R	1167
Philippi E	13114
Philippi H	8545
Philippin J	50769
Philippine Association of Agriculturists	37392
Philippines (Republic) Bur of the Census and Statistics	25761
Philippines (Republic) Dept of Agriculture and Natural Resources	11199
Philippines (Republic) Dept of Commerce and Industry	38045
Philippines (Republic) University College of Agriculture	71888
Philippis A de	75190
Philipponneau M	37748
Philips E Jr	23896
Phillip A G	90562
	95129
Phillips A M	56401
Phillips B	44268
Phillips C	5115
	45631
Phillips C D	54241
Phillips C A	69599
Phillips C E	21384
	21398
	66397
Phillips C O	40085
Phillips D	56895
Phillips D P	46847
Phillips D S M	15542
	25258
	53010
Phillips E Jr	42637
Phillips E A	12088
Phillips E F	11266
	16426
Phillips E H	9074
Phillips E P	38380
Phillips F J	30036
	62536
	66398
	73750
Phillips F R	46848
Phillips F S	38607
	39836
Phillips G A	2064
Phillipps G A R	11400
	20816
	21162
	49056
	49057
	57751
	65718
Phillips G B	24333
Phillips G L	78168
Phillips G W	6251
Phillips G W M	8843
	26580
	36986
	70655
Phillips H	18596
	70577
	95311
Phillips H A	46418
Phillips H J	36810
	76711
Phillips J G	92474
Phillips J H	3722
Phillips J M	4846
	23481
Phillips J R E	10413
	53586
Phillips L	4376
	26218
	60171
Phillips L R	76555
Phillips M	51240
Phillips P H	4280
	16073
	16122
	42574
	51938
	51967
	59547
	68182
	68309
	76252
	92608
Phillips R	4376
	32555
	32862
	50884
	51877
	54633
	62796
	63425
	77030
	92174
Phillips R A	26522
	40086
Phillips R B	4188
Phillips R E	23774
	33251
Phillips R P	13603
	39141
Phillips R W	10166
	45632
	83713
Phillips S M	69170
Phillips S W	87649
Phillips T L	18535
Phillips T O	68214
	68215
Phillips V	37864
Phillips W E J	93024
Phillips W M	30587
	64376
	74264
Phillips W R	26604
	62634
Phillips W V	23327
	42175
Phillipson A T	68227
	68228
Philpott M W	95449
	95450
Philpott V W	17062
Philson K	78657
Phinney B O	12109
Phinney J I	9589
Phipard E	80701
Phipard E F	28193
	28208
	35708
Phipps L J	28019
	37865
	46638
	55712
	63813
Phosphate Co-operative Co of Australia	58581
Phouphas C	64640
	64812
	89858
Piacco R	1229
	12657
	12658
	13604
	20579
	39381
	48314
	57974
	65021
	65022
	73445
	74061
	78458
	82575
	82576
	91064
Piacentini D	35556
Piacentini R	69476
Piaget A Jr	84786
Piaggio J J	23775
Piana C	86922
Piana G	4674
	5366
	23239
	59739
	84408
	92232
Piana G P	60721
Piat J	48510
	64954
	65172
Piatseva A D	56034
Piatetskii B	7240
Piatetskii M	36512
Piatnitskii P P	37227
	61775
Piatnitskii S S	31723
	64813
Piatti L	53558
Piavchenko N I	2651
	64144
Pic M	16612
	34272
	34273
	43467
	68687
	68688
	77766
	77767
	85673
	85674
	85675
	94809
Picard	54796
Picard A	9075
Picard A J	37393
Picard J	12396
Picard R	7241
	44212
	78557
Picazo E Jr	5742
	5743
	5836
	43104
	52009
Picbauer k	28708
Piccard G	67171
	67172
Piccardo G	68509
Piccarolo G	31439
	31648
	49058
	50194
Picci G	58544
	81725
Piccioni M	11079
	23864
	83792
Picco D	52474
Pichard Y	20166
Pichel R J	2487
Picheral A	37394
Pichi-Sermolli R	63
	188
	11520
	11545
	89234
	89235
	89383
	89463
Pichilingue Ecuador Estación Experimental Tropical Agrícola	28783
Dept of Horticulture	29900
	39681
Plant Pathology Dept	38608
Pichler F	11886
	38731
	47560
	72741
Pichon G	22981
	68254
Pichon M	47273
	64205
Pichugin N	25234
Pichugina N	26103
Pickard B de H	42553
	92900
Pickel B J	91616
Pickel D B J	22223
Pickel W	70080
	70257
Pickell C	13357
Pickell M W	37395
	45633
	70801
Picken J C Jr	84358
Pickens A L	11401
Pickering C	47009
Pickett A D	16326
Pickett A G	4237
Pickett B S	2942
	21300
	39682
	39683
	65303
Pickett D	4913
Pickett E E	42225
Pickett J	27403
Pickett J T	15108
	36124
	48873
Pickett L K	6939
Pickett T A	95325
Pickett W F	949
Pickett W G	49917
Pickford R	30464
Pickhardt E L	84496
Pickup S	82419
	82420
Pidacks C	47517
Pidford J H	95451
Pieczur E A	81655
Pieffort	26605
Piegai A	55937
Piegsa E	15949
	76937
Piehl S	3374
Piekenbrock P	66714
Piel H	4377
	57307
Piel R	86797
Piel-Desruisseaux J	82138
	94223
Pielen	36420
	48236
Pielen L	1230
	20580
	29611
	49197
Pieler E H	3491

	Item
Piellard M	86798
Pielou D P	6733
	33887
Pielstick D F	37866
	46699
Pien J	7999
	8000
	26000
	70131
	79105
Pien W T	66151
Pieper H	73374
Pieper N G	31274
Piepho H	78169
Pierangeli E	19549
	63911
	63948
	72142
Pierantoni U	24959
Piérart P	38472
Pierce C W	35730
	79111
Pierce E C	17760
Pierce G L	2065
	21163
	30356
Pierce H B	19516
Pierce J B	94774
Pierce L	25735
Pierce T	51392
	51395
Pierce W D	69046
Pierce W F	63252
	85452
Piercy P L	4675
Piercy S E	32934
	42196
	68082
	76368
Pieri G	39142
	52668
	53674
	61975
	89643
Pieri L	5495
	33225
	33450
Pierini J E	59225
	69845
	74959
	90962
Pierola F de	31734
Piérot M	33058
Pierquin L	52597
Pierre F	52895
Pierre J J	14207
	39534
	48511
	65173
Pierre P	65439
Pierre R	59704
Pierre W H	21655
	40711
	49493
Pierre-Louis F	64493
	64494
	66877
Piers F	28589
	65719
	90858
Pierson D	80206
Pierson R	57120
Pierson R E	41866
Pierson R K	1429
Pierson S B	80513
Piesse C L	28145
Pietermaat F P	87625
Pieters J M	63520
Pietra I	46320
	53396
Pietraszek G	9357
Pietri-Oms R	21745

	Item
Pietri-Tonelli A de	70746
Pietroni A	71580
Pietrus N J	9552
Pietschmann E	73217
Pietschnigg W	18920
Piette A M	86599
Piettre M	30765
	40591
	48512
Pifer R W	33782
	51933
	52010
	68290
	77147
Pigache P	45143
	70362
Pigeon	71539
Pigeon A	82520
Pignataro R	55544
Pignatti S	81387
Pigorini L	17138
	69023
	69024
Pigott Sir B	15705
Pigoury L	92336
	92856
	92889
Piguet G	69763
Piha A	66819
Piha T	31355
Pihkala K U	27766
	71669
	80363
Pihkala R	44115
Piipponen H	14928
Piir A I	41332
Pijl L van der	38935
	81440
Pijls F W G	29359
	40552
	40553
	40554
	66650
	73751
Pijoan M	76901
Pijoán y Grau M	42807
	68145
	84983
	84984
	93089
Pijuan M	5256
	23865
	76824
Pikalev A	21746
	40976
	94256
Pikalev A IA	74960
	91333
Pike M	62244
	95452
Pilaski	50021
Pilát A	38544
Pilcher G A	21301
Pil'chevskiĭ A I	20994
	32863
Pile A	13358
Pilet	74359
Pilet E	26786
Pilet P E	29360
	29361
	29362
	90064
Pilgrim A F	92284
	93163
Pilipenko F S	57752
	58719
Pilipenko T	60366
Pilisi J	54144

	Item
Pilkey A M	5220
Pilkington G L	30328
Pil'ko V M	21747
Pilla C	75152
	81016
Pillai A R	37971
Pillai C P	50849
Pillai M A K	61976
	88966
Pillai R M	67762
Pillai S C	2774
	44694
	82699
Pillault R	52724
Pilleau N C	52814
Piller J	32172
	58983
Pilleri G	6476
Pillet J	17626
Pilley K C	36125
Pillichody A	14818
Pillow M Y	67211
	83684
Pillsbury A F	14106
Pillsbury P W	9076
Pillsbury Flour Mills Co Minneapolis Feed and Soy Div	35906
Pil'nik N E	76660
Pil'nik V I	48361
Pilnik W	17579
Pilon J U	33451
Pilon U	95400
	95401
	95402
Pilsinger H	17849
Pilskalne A	91190
Pilström I	89346
Pilsworth W J	79614
Pilz T	59226
Pilz W	51247
	51263
	59726
	86213
Pima County Arizona Fair	10765
Pimblett G H	76568
Pimental M H	28170
Pimshteĭn A S	41321
Piña Morales M A	61977
Pincetich J	7242
Pincher C	41738
	80895
Pinches R R	6940
	38005
Pindak D R	37228
Pinder A R	20462
Pinder F	9771
Pinder F E	46076
Pindur W	47421
	66003
	80731
	85676
	85763
	89533
Pine C	5563
Pine W H	63536
	71701
Pineau E F	10766
Pineda C C	82887
Pineda F A	9467
Pineda J M	44720
Pineo M B	83621
	83622
	92105
Piner D H Jr	45220

	Item
Piñero M	19140
	19141
	63128
	63587
	95130
Piñero R	46998
	55938
Pinevich L M	48038
	48039
	54834
Pingrey D	51033
Pingrey D R	16038
Pingrey H B	95868
	95869
Pinheiro M	5180
Pinhey E C G	94125
Pini P L	65174
Pinilla A	88806
Pink C V	63912
Pink Bollworm Gin Trash Inspection Committee	61229
Pinkerton H	33285
Pinkerton H E	85260
	85268
	93268
Pinkerton R	54280
Pinkerton R M	18271
	26523
Pinkett H T	35211
	55283
Pinkney J M	51408
Pinkow H	90690
	91334
Pinnell E L	20585
	57121
	81498
Pinney J J	30373
Pino N	24103
	76997
	85125
Pino Camara A	18519
Piñon J C	59288
Pinstrup H	10167
Pinte C	46937
	45221
	70447
	70448
	94977
Pintner I J	73223
Pinto E de S L	57361
Pinto E H	50600
Pinto J A C	60099
Pinto J M de S	27660
Pinto M P D	93465
Pinto R W	8643
Pinto Severo O	6612
Pinto Viegas A	72593
Pinzón E	92378
Pinzon M E	4150
	42006
	51034
Piontkovskaîa S P	34197
	60976
Piot R	2657
Piovano A	90963
Piovano A P	20817
	21302
	74194
	74195
	82521
Piper C S	48040
	49726
Piper G A	23347
	76369
Piper H	17429

	Item
Piper W E	8644
	8720
	8721
	26543
Pipkin A C	15193
Pipkin S B	24850
Piquer M	59789
Piquett P G	34656
	78230
Pirani A	4976
Piras M	83918
Piraux E	17940
	53984
	94848
Pires A	83919
Pires D R V	12659
Pires F A	24851
Pires J M	28590
Pirie J W	3820
Pirie N W	35196
	35242
Piriz N A	72231
	80813
Pirnat J	77503
Pirner H	8077
	70132
	70133
	86884
Pirner H Jr	69952
	70172
Pirnia H	74777
Pirone P P	31004
	40087
	48679
	49727
	64814
Pirovano A	11402
	13115
	26544
	30115
	48874
	73218
	90691
	94676
Pirri J Jr	67886
Pirsch J G	23505
Pirson A	81656
Pirt S J	53420
Pirzada A S	28441
Pisani R	27594
	54743
Pisaretŝ I	10168
Pisarev V E	20581
	39143
	39382
	73446
Pisareva M P	66908
Pisarska M	31356
Pisek A	74062
Pisemskaîa V A	40712
	58326
Piskarev A N	22323
Piskunov M M	22468
	41334
Piskur M M	54689
	62891
Pis'mennaîa M K	2260
Pis'mennaîa R T	33538
Pis'mennyi N	58537
Pissaloux R	10551
Pistor W	84360
Pistor W J	4676
	32765
	51091

	Item
Piszczek J	82888
Pitcher R M	58545
Pitcher R S	60966
Pithawala H R	12422
	29478
Pithawalla M B	1296
Pitkĭanen I M	51893
Pitkin F H	66948
Pitkin R S	71781
Pitner J B	21509
Pitot A	13869
	28591
Pitot R	86489
Pittard E	7439
Pittenger T H	12425
	81109
Pitter C	14566
	31142
Pitter H	42007
Pittier H	65175
Pittioni B	52725
	52726
Pittman D D	57053
Pittman D W	12503
Pittman H A J	47684
Pitts W M	92930
Pittsburgh District Dairy Council	70081
Piul'skaĭa V	36558
	62881
Piunovskiĭ B A	56896
Piux XI Pope	71467
Pius XII Pope	10169
Pivière P	80105
Pivikov K	37229
Piza S de T	6868
	6869
	6870
	6871
	6872
	6873
Pizjuán M	33325
Pizzi	47107
Pizzi G	89153
Pizzi L	59996
Place R M	2066
Placenner J	2261
	8722
	8723
	8724
	8795
Placerville Fruit Growers Association	45264
Plachinda S I	2262
Plachy	46700
Placidi L	23348
	85218
Plackett R L	43264
Plager C	93292
Plager R	9330
	60489
Plager R G	52011
	60490
Plager W	9307
	83999
	93292
Plager W L	79732
Plagge A R	54605
	95386
Plaine H L	93853
Plaisance G	22111
Plaister T H	5400
Plakidas A G	476
	12019
	47524
	64495
Planchart de Garcia P	83920
Planck R W	26964
	48142
	54758
	62944
	70973
Planckh E	43343
Plangg J	77504
Planje J P	27889
	55584
Plank G M	4803
van der	84118
	84985
Plankevich Iŭ E	90094
Plant S	17420
Plant W	4804
	12426
	21540
	39144
	40302
	64815
	66004
	82577
Plant Protection London	24408
	78526
Plantefol L	12168
	20173
	38936
Planters' Association of Ceylon	37972
Plantrou J	78170
Plass W T	50326
	50334
	91842
Plassche A W van de	8725
	47422
	55856
	68447
	80625
Plasse J B van de	950
	26599
Plasse J J v d	8726
	8727
	45288
	48041
	70679
	73833
	79415
Plastridge W N	51185
	51186
	59705
	92641
Platania F	7639
Platania L C	2684
Plate H	91206
Plate H P	5893
Plate R	9284
	45114
	45115
	45671
	62724
	62725
	62797
	62835
	70549
	70838
	70839
	80626
	87767
Plate-Lichtenbelt A G	11428
Plateau	75005
Plateau H	3074
	12806
	83108
Platenius H	10443
Plath C [illegible]	40828
	71581
Plath E	59031
	92019
	92074
	92075
Platone E	7808
	9764
	25851
	86799
Platonov G F	24613
Platonov I D	26393
Platov A A	22503
Platt Mrs C	90859
Platt C S	15914
	24056
	33452
	36811
	42584
	45116
	60100
	68146
Platt F	25466
Platt F L	5181
	9553
	27030
	54797
	71043
	95403
	95404
Platt H	15593
	15600
	32925
Platt K B	2379
Platt M M	79301
Platt R B	12089
	58085
	90065
Platt R G	88566
Platt R H	72409
Platt W J Jr	4805
Platten M	68255
Platten M E	44134
Plattenteich W	37526
Platzer H B	22347
	22504
	31357
	58625
	83209
Platzer S	70656
Plaude K	35159
Plaut N	77884
	85764
Plavsic M	75006
Plaxico J S	5182
	9554
	80299
Playfair L	30588
	49303
Plaza Escudero L M	42498
	67940
Plaza Prieto J	45799
Plazas M G	615
Plé V	59959
Pleasant R J	58162
Pleiss G	34090
Plekhanova T	44990
Pleshko S I	90964
Pleshkov A	31907
Pleskov K	10170
Plessen	19048
Pletcher W L	35286
	44489
	45378
Pletneff P	34187
Pletnev A V	83921
Plice M J	41739
Plinka A D	2263
	58045
Plisky C J	22604
Pliss D S	35907
	92558
Pliva J	62960
Plock H	30037
	48805
	48806
	73834
Plock K	35836
	79163
	87089
Ploeg D T E van der	64118
Ploeg H L	43921
Plomley E M	54904
Plommet M	92757
Plönles B	55284
Plonk M A	19683
Plonka F	38986
	73486
Plonsky J C	5257
	76756
	84829
	84830
Ploper J	65910
Ploshchanikova E A	90332
Ploskaià A G	23346
Plotho O Von	38732
Plotnikov K I	5074
	23004
	42197
Plotnikov Z	94360
Plöttner D	36421
Plouvier V	29479
	56988
Plovgaard K	71772
Plowhead R G	57871
Plowright W	15393
	59627
	59628
	67700
	67837
	75839
	76556
Plum G	31842
Plum N	67665
	84352
Plumb G H	94034
Plumlee M P	84315
Plummer A P	73607
Plummer B E Jr	89556
Plummer C C	16957
Plummer K V	86582
Plummer P J G	15194
Plummer W D	35318
Plummer W O	27342
Plus N	24852
Plüss W	42554
	51546
Pluvinage R	62945
Pluyette J	71702
Plymouth Rock Squab Co	33453
Poage W R	35344
Poapst P A	62634
Poast P A	26604
Poate H R G	91544
Pobedinskiĭ A V	31908
	91788
Pobedinskii G	69400
Pobegajlo I	81342
Poblacion G	75521
Poch M K	81814
Pochkaev I A	41889
Pochon J	21552
	21566
	91222
	91231
	91232
Pochvennyi Institut imeni V V Dokuchaeva	74485
Pockberger J	58779
	66840
	75030
Pocock M A	236
	20152
Pocock R I	59873
Pocta F	61811
Podberezkin IA	67454
Podberezkin IA IA	32659
Podberezskii K N	23349
Podbrežnik F	67139
Podcheko A	31440
Poddubnaĭa-Arnol'di V A	47784
Poddubskiĭ I V	23648
Podgaevskaĭa A A	73835
Podgaevskiĭ M	41740
Podgornaĭa T M	24126
Podgórski J	5075
Podgurskiĭ P F	91757
Pod''iablonskii V I	51508
Podkin A	1231
Podkletnov N E	78915
Podliachouk L	84662
Podloucky J	47184
Podolfak E T	83416
Podol'skaĭa M Z	12523
Podol'skaĭa N	27404
Podol'skaia O I	75333
Podol'skii I	60438
Podolsky B	64769
Podrazhanskii A L	30116
	31143
Podufalyĭ T P	12972
Poduval R N	88967
Podvĭaznikov I I	41385
Podvoiskiĭ I	22827
Poe C	13359
Poe C A	46701
Poe W D	10767
	18908
	27661
	28010
	37396
	46321
	55412
	71889
	90264
Poeck H	86885
Poehlman J M	45493
	65023
	73447
Poel J M G van der	56035
	57426
Poel L W	48042
Poelma L J	59709
Poelt H	35908
Poenicke W	20949
Poeppinghausen K J von	70336
	84361
Poggi A R	25625
Poggi F	83018
Pogliaga H H	48647
Pogorelyi I	53205
	53206
Pogosĭan S A	39145
Pogrebniak P S	89168
	91758
Pogulĭaev D	49367

	Item
Pohjakallio O	951
	20037
	48043
	56430
	72742
Pohl	6252
Pohl A	65176
	69846
	84119
Pohl A E	67237
	92475
Pohl E	43344
Pohl H	22318
Pohl R	12427
	64816
	73219
Pohl R W	56664
Pohle E M	8498
Pöhler	51331
Pohley H J	68948
Pohlman G G	81815
Pohlmann	7275
Pohloudek-Fabini R	75919
Poignant	56897
Poignat M	37867
Poijärvi I	15375
	41741
	75795
Poinderter J	13360
	38937
	64641
Pointet A	51728
Poirée	27836
	71703
	88661
Poirée M	71704
Poisall C	36585
	57362
Poisson R	34483
	60867
Poisson R A	68843
Pojoski B	41592
Pokorny C	60964
Pokorny E	51035
	84120
Pokrovskaia E A	32461
Pokrovskaîa E I	24705
	60753
Pokryshchenko T M	57295
Polak B	90265
Polakowska M	56234
Poland Embassy U S	80207
Poldelmengo O	14582
Pole Blight Investigations Steering Committee	89534
Poledica D V	21748
	21749
Polee A C T	88398
Polekutin N	94398
Polentz G	16613
Polese J	57753
Poleshchenko P V	7012
Poleshchuk P M	58046
Poleszczuk K	84537
Poletaef N	21399
	66005
Poletika W P von	63427
Poley G R	54145
Poley W E	71044
Polferov B V	12660
Polge C	59158
	59503
	76112
Polhemus M S	16427
Poli A	41104
	50158
	50159
Poli E F	84787
Polîakov A	45634
Polîakov A A	22982
Polîakov A M	87158
Polîakov D K	50885
	59344
	67393
Polîakov I M	12214
	34433
Polîakov IÛ A	20376
Polîakov V	63428
Poliakova O A	5367
Polîakova T V	24646
Polîakova Z P	47561
Polîanin A K	51332
Poliano L M	46849
Polîanskaîa G N	37682
Polîanskii V	76216
Polîanskiĭ V G	1661
Polîanskii V I	56315
	81065
Polikoff H	86962
Polis H L	37868
Polishchuk A D	20862
Politi I	26219
	87090
Political and Economic Planning	86532
Politz A	44435
Polivka J B	6477
	68689
	68690
Pollacci G	30688
Pollack A D	84554
	84555
Pollack B S	59894
Pollack E	69401
Pollack H	46999
Pollak S W	78231
Pollak V	86310
Pollard A	18232
	18324
	44721
Pollard A G	29444
	58100
	58377
Pollard A L	12428
Pollard E	64569
Pollard E F	87845
	87879
Pollard H N	52352
Pollard J	13361
Pollard L H	2195
Pollard M	59706
	78226
Pollard W S	68147
	69489
Pöllath L	58950
	67212
Polled Hereford World Magazine	76113
Pollert-Westerhoff	34872
Pollich W	31724
Pollini M	10171
Pollman K P	95529
Pollock C	45881
Pollock J R A	79561
	80005
Pollock M M	44402
Pollock R C	36586
	70802
	79668
	87736
	95246
	95247
	96140
Pollock R J	79416
Pollock S	15958
Pollos Herrera J	68216
Polo Diaz M	87880
	88968
Polo Jover F	84121
	84788
	84898
	84899
	85011
Polonié R	89196
Polonio Luque R	44749
Polonovski M	25852
Polonskaîa L	36664
Polosukhin G I	29766
	57296
	82052
Polozhenŝev I P	20377
Polozhenŝev P A	20377
	66977
Polozova L ÎA	20350
Pol'skiĭ M N	91171
Polson A	15686
Polson R A	37764
	55607
Polster H	73366
Polte K	22983
Poltev V I	77505
Poltorafskiĭ I I	52297
Polugaevskaîa M S	33817
	68192
Poluiko I Z	59003
Polunin ÎA ÎA	38987
Polunin N	94
	11403
	38381
	47718
	89124
	89236
	89237
Polunin O	56161
Polunina N N	38870
Polushkin S L	3312
Polzin H	93157
Pomar L M	55777
Pomar Pomar L M	41867
Pomazan E S	59790
Pomeroy B S	5334
	5368
	15829
	23962
	23963
	33326
	33327
	33328
	42698
	51646
	60245
	68074
	68083
	68084
	76825
	76826
	76827
	93025
	93026
Pomeroy C D	36557
Pomeroy K B	14962
	41295
	50589
	59096
Pomeroy R W	3836
	36529
	51036
Pomiane E de	7926
Pomini L	2488
Pominski C H	9468
	9469
	54757
	70971
Pominski J	15109
	18650
	36741
	54744
Pommer A	4914
Pommier G	59858
Pommier G H	92642
Pomogaeva A I	49198
Pompa A	35738
	78971
Pomper S	73220
Ponce de León F	27837
Ponce de Leon y Ayme A	64
	19772
	25436
	28592
	72350
	80776
Poncet	41350
Poncet A	22469
	61277
Poncet J	71469
Poncet P	6253
Poncin L	1430
Pond G A	7009
	10382
	10404
	10405
	37463
	63429
	63521
Pond Mrs H R	46884
Pond T H	18690
Pond W T	9470
	18651
Pond W T Jr	26965
Ponev M	84900
Ponik G	55413
Pönisch F	3557
Ponnaiya B W X	38938
Ponomarenko I L	57297
Ponomarev N A	61487
Ponomarev P	42085
Ponomarev S	24960
Ponomarev V G	69847
Ponomareva N L	32387
Ponomareva V V	40519
Pons L J	2652
Pons W A Jr	54146
Pons Muzzo J	75920
Ponsignon M	5496
	33159
	51547
Pont E G	17888
Pontailler S	13501
	18438
	22031
Ponte E del	6613
Pontecorvo G	64674
	81499
Ponteperino M E	48764
Ponticelli M	7243
Ponting T C	56036
Pontis Videla R E	20038
	61161
	89644
Pontoppidan H C	1297
Pontoura M da	44632
Pool J G Jr	8747
Pool M F	8769
Poole A L	11429
	56162
	73485
	75153
Poole B L	37397
Poole C M	2879
	21311
	49812
	65901
	94334
Poole E R	24614
Poole J F	85814
Poole J R M	41470
	41471
	59012
	75544
Poole W D	7353
	66006
Pooley N R C	39837
Poos F W	83540
	36228
	53863
	77976
	93540
Pootjes J R	94126
Popandopulo P Kh	32269
Popazova N G	29924
Pope A L	16018
	16019
	76998
	85155
	95248
Pope B B	95405
Pope D T	56898
Pope E C	46055
Pope E P	51237
Pope F Jr	18298
	26562
Pope J D	46898
Pope L S	85077
Pope W K	89859
Pöpel	22348
Popenoe W	19377
	39741
	65401
	67394
	71890
	89688
	96006
Poperl R	53985
Popham E J	61077
	85864
	93337
	93338
Popham R A	64642
Popham W L	60587
	85408
	89535
	93446
Popish J R	54314
Popják G	15409
	50886
	76999
Popoff M	81657

	Item
Popov A	26104
	85584
Popov A E	20767
Popov A M	92559
Popov A V	73685
Popov B	33085
Popov B N	51509
	59917
Popov B V	33594
Popov G	43888
Popov G I	90266
Popov G P	58327
Popov I F	34091
Popov IU	71470
Popov M	2964
Popov M G	38473
	47274
Popov M I	25853
Popov M P	35520
	35557
Popov M V	28928
Popov N	26220
Popov N F	5076
Popov N M	59504
Popov P V	16501
	16672
Popov V	44104
	84737
Popov V A	31358
Popov V M	21887
	48513
Popov V P	31219
Popov V R	25783
	25854
Popov V V	25010
	61133
	85918
Popov-Dekatov N P	30329
Popova A A	61078
Popova E	59013
Popova M P	33888
Popova V	31144
Popović B P	91131
	93638
Popović V P	93639
	93640
	93641
Popovskaîa E M	81770
Popovski V	82271
Popow G	48315
	70747
Popp L	26001
Popp W	11771
	28937
Poppe K	37973
Poppenhouse G C	59707
Poppensiek G C	4915
	76557
Poppius E	85457
Poppoff I G	78779
Popravin N N	58925
Popta Y A van	9555
	18705
Popŝov A V	39146
	39147
	56899
	81658
Popŝov N I	58759
Porath A	73725
Poretti G G	73326
Porges N	32244
	53955
Pori A P	69171
Pori P P	93478
Porkelsson G	41780
Porod G	18101
Poroskun A	33633
Porquez P P	13984
Porres C A	5497
	5498
Porritt S W	1739
Porsch O	12432
Porsche G	87259
Porse O	3075
	11339
Porsild A E	19799
Porta J E	12661
Porteous W L	45800
Porter A L	86800
Porter B A	5986
	33889
	93466
	95075
Porter B S	5781
Porter C A	583
Porter C L	156
	11495
	12429
	19659
	72410
Porter C R	27094
Porter C W	87524
Porter D B	23378
Porter D R	29014
Porter E	31725
	41064
	50135
	50429
Porter G W	23191
Porter H C	30830
Porter H K	48179
Porter J A	58335
Porter J C	13605
	15294
	25011
	51024
	82889
Porter J J	21961
Porter J W	5389
Porter J W G	15811
	23301
	59642
	67273
	76731
Porter K	72122
Porter L	11601
	56350
Porter L G	14292
	22046
	50043
	91529
Porter R M	76370
Porter T N	8728
Porter T W	52669
Porter W	75796
Porter W A	88399
Porter W F Jr	95943
Porter W K Jr	12430
	13582
	13606
	13607
	13630
Portères R	20136
	29060
	64145
	65024
	88400
Porterfield I D	61593
	86408
Porterfield J	46195
Porterfield M	23529
Porteus H S	25655
Portĉanko V F	90066
	90067
Portier P	25059
	33819
Portillo H R	80045
Portillo R	7473
Portland Union Stock Yards Co	45672
Portman R F	34413
Portnoĭ L R	95034
Portnov M	53207
Porto M C	24804
Portocarrero J N	49918
	53305
	86446
Portsmouth G B	28905
	40303
	40713
	82578
Portsmouth G V Wallop Earl of	10321
Portugal Estação Agronomica	28442
Portugal Instituto Nacional de Estatistica	44633
	44634
	53594
	55713
	88969
Portugal Junta Nacional da Cortiça	3772
Portugal Junta Nacional das Frutas	87881
	87882
Portugal Ministerio da Economia Direcção-Geral dos Serv Agricolas	1232
	65025
Porufskiĭ G	90068
Porutskii G V	922
	952
	39122
Pos J	61594
	94416
Posada B A	66207
Posada Borrero A	58145
Posada-F A J	11346
Poschenrieder H	49466
	58368
Poschinger F von	6478
	6479
	16157
	16614
Pöschko F	75031
Posey H G	75662
Poskin A	14449
Posnette A F	584
	29015
	64570
	72859
	81343
	89723
	89724
	89725
Pospíšil R	54388
Possehl	88401
Post A H	48514
Post G	6067
	33943
Post J J	1662
	8872
	13502
	57427
	64777
	72929
	73884
Post K	2812
	13362
	39148
	40088
	46056
	8328
	65720
Post K	67666
Post R E	9077
	26717
	26718
Post R L	5894
	6607
	6608
	24409
	43602
	61230
	77251
Postel	37062
Postell W D	37869
	63329
Posthumus G	26221
	78972
	86923
Postma C	34855
Postma H	90069
Postma O	80393
Postma W P	56163
Postnikov G	23594
Postnikov G M	92822
Postoĭalkin P	26893
Postweiler N W	53496
Pot P A	4806
	34938
Potapenko A I	953
Potapenko ĬA I	30117
	30118
Potapov A	23866
Potapov Kh	27369
	53208
Potapov N G	29363
Potapov V N	33542
Potashov A	49728
Potasse & Engrais Chimiques	31264
	31265
Potato Growers of Wisconsin	8681
Potato Industry Council of Maine	8729
Potapenko ĬA I	64377
Potebnîa N A	64496
Potemkin V I	22984
Potentier J	86710
Potgieter F M	34786
Potgieter J E	13775
Potgieter M	55882
Potier	37398
Potier de la Varde R	64248
	64267
	89394
	89395
	89413
Potin L	58733
Potlaichuk V I	477
	81114
Potsch O	16428
	85512
Pottenger F M	11073
Potter C	16302
	60635
	77309
Potter C H	86439
Potter E D	43612
Potter E F	8674
	69572
Potter E L	54577
	79710
Potter F E	8285
	17899
Potter G C	68510
Potter G F	2489
	13717
	21462
	21738
	30689
	74567
Potter J M S	39858
	48807
Potter L B	92476
Potter L D	75384
Potter N A	73330
Potter P	95680
Potter R E	31145
Potterat M	17580
Pottgiesser H	46011
Pottier-Alapetite	64146
Pottier-Alapetite G	89347
Pottinger R E	19521
Pottinger S R	9728
	37032
Potts C G	60389
Potts J W	15306
	73608
Potts R B	9114
Potts R C	1431
	21702
	30858
	30958
	54054
	57236
	65076
Potts R W L	6480
Potts S F	25406
	34977
Potts S M	75232
Potts W H	85765
Potul'nifskii P M	74311
Potvin J B	67455
Potzger J E	650
	652
	3268
	11496
	12090
	12092
Potzger M E	12090
Potztal E	38545
	38939
Pou J W	32766
	84472
Poucel J	8730
	18291
Poucel P	10322
Pouchet A	89065
Poucques M L de	72459
Pouderoux J	7509
	11000
Pouderoux R	3813
Pouillard C	25855
Poukhlov N	10172
Poul J	59844
	84503
Pouliot P	7927
Poulos P L	47392
	47562
	47563
	56541
	64378
Poulsen	10421
Poulsen B L	26841
Poulsen H W	8776
	44518
Poulsen J F	50770
	50771
Poulsen S	21214

	Item
Poulson D F	16734
Poulson E N	30721
	40416
	40477
	82756
	82757
	91255
Poulton R W	41868
	42808
Poultry and Egg National Board	55894
	63007
Poultry Association of Gt Brit	15915
	42809
Poultry Club	84789
	84986
Poultry Improvement Board of New York	15916
Poultry Producers of Central California	63008
Poultrymens Cooperative Association of Southern California	79867
Pouncy A J	5564
Pound C E	20378
	64113
Pound G S	20039
	20098
	38818
	72834
	72860
	81327
	89648
Pound W T	41559
Pounden W D	4616
	23350
	42057
	42058
	42198
	43372
	59708
	67667
Poundstone B	18043
Poupard C	51548
Poupart Y	81816
Pouquet J	74874
Pourcel J	85156
Pourcharesse P	81280
Pourichkevitch de	55285
Pourrat H	81765
Pourtauborde	40831
Pourtet	31536
Pourtet J	22224
	32098
	50195
	91617
Pousset E	69128
Poutiers R	43833
	57015
Pouwer A	29364
	48088
Poux C	17786
Povalikhina K	30438
Povazhenko I E	33059
	51494
Povolný D	34618
	43789
	68983
Povoloſskaſa K L	1059
Powell C	61595
	78603
Powell C B	44599
Powell D	38733
	56542
	57447
Powell E C	74064
Powell E G	95530
	95531
Powell G M	19817
Powell H M	15195
Powell H R	70515
Powell H T	47328
Powell J V	27031
Powell J W	49059
	65721
Powell K A	55857
Powell L E	18209
Powell O S	61829
Powell R	38099
Powell R D	39149
Powell S	14208
Powell T	3076
	13870
	21750
	24615
	27662
	40304
	40766
	49980
	61432
	66395
	73448
	74875
	83453
	86110
Powell-Owen W	5183
	68148
	84987
Power G L	10768
Power J	77506
Power Farming in Australia and New Zealand	86174
Powers E L	7460
Powers G	43612
Powers G E	43613
Powers H R Jr	56543
	89645
Powers J J	78791
Powers L	23179
	81500
Powers M R	34750
	90990
Powers W J	12929
	37527
	74624
	81171
Powers W L	66253
Powley J O	83922
Powrie W G	3644
Pöyhönen K	14929
Pöyhönen V	41458
Poyjakallio O	21303
Poynor R R	21818
Poyry P	41373
Pozajić D	92643
Pozdena L	1119
	2813
	11074
	21541
	49199
Pozdníak F	26105
Pozdníakov A	63330
Pozdníakov L K	22289
Pozdníakova N P	74226
Pozdnukhova N	65177
Pozdnukhova N I	49200
Pozefsky A	52183
Pozhidaev A	57872
Poznańska I	24302
Poznokhirin F	39535
Poznokhirin F L	55117
	90399
Pozo Lora R	77641
	85409
Pozo Pelayo C del	4807
	23454
	23455
	51333
	67763
Pozzi E	17398
	25274
	69240
	86175
Pozzo Ardizzi L	71045
	76114
	78708
	80777
	88807
Pra G dal	43015
Prabhu J M L	88402
Prack K	6808
Pradervand M	69241
Pradhan S	6068
	68448
Prado A do	11306
Prado E M	14676
Prado F de A	45222
	95870
Prado P de C	78916
Pradon R	20494
Praetorius F K	7809
Präger E	64936
Prager W	42300
Prall F E M	1600
	2380
	10323
	20505
	21751
	40977
	58329
	66400
Prakasa	80579
Prakash O	70982
	70983
Prakhov R	83714
Prakken R	47785
Prakker R	90860
Prall C E	11046
Praloran	74138
	74139
	82176
	82177
	82480
Prampero A di	62946
Prantl F	47185
Prasad B M	15196
Prasad B N	75481
Prasad G	59505
Prasad J	3259
	14331
	14575
	14606
	14691
Prasad N	56544
	81241
	91233
Prasad R	96245
Prasada R	478
	11267
	11887
	38734
Prat H	20174
	39150
	81659
Prat J	16303
Prat J de	53060
	53986
	70334
	91520
Prat Roure L de	32132
Prather W B	76115
Pratolongo	40714
Pratolongo U	50044
	79037
	80778
Prats Zaprain M	75334
Pratt A J	58463
	65887
	83019
Pratt A N	38609
	45289
Pratt C	65
Pratt C D	61861
Pratt D E	78791
	80528
Pratt E E	62640
Pratt F F	8814
Pratt H D	6557
	42603
	77252
Pratt H K	56997
Pratt J	60048
Pratt J J	15917
	33160
Pratt J J Jr	93299
	93642
Pratt J W	51729
Pratt M	88781
Pratt M C	40089
Pratt P F	40478
Pratt R	73221
Pratt R L	54415
Pratt R M	7186
Praus B	25906
Prawer J	10516
Prawocheński R	84738
Prax A	10517
	19236
	27343
	27838
	37683
	55077
	63636
	80394
	88403
	88662
	95912
Prchal C J	9308
Préaud	19727
Préaud R	55500
Prebluda H J	3936
	22844
	26295
	35909
Prechtl H F R	76581
Precigout de	62420
Preez J A du	27546
Prefontaine R	9680
Prego A J	14209
	14210
	40887
	49981
	82664
	82937
	83109
	91324
Prehn A	3123
Preibisch J	84901
Preihsecker H	30741
Preim	6254
Preining K	86963
Preis H	84976
Premo R A	83623
Prémorel A de	3191
Prenn F	69047
Prentice A	84568
Prentice C E	46850
Prentice E E	1671
Prentice E P	22774
Prentice H A	63124
Prentiss L W	58464
Preobrazhenskiĭ A A	69792
Presar D	46864
Prescott E	68518
Prescott G W	89431
Prescott H W	52590
Prescott J A	29061
	47719
	49726
	91256
Prescott L R	19441
Prescott M S	51334
	84122
Prescott S C	7837
Presern T	10615
Presler R I	29330
Presley J E	45359
Presley J T	89646
Press S	76902
Pressley E H	8546
	20629
	57169
Prest R L	2264
	21304
	30465
	31061
	40356
	40357
Presthegge E	41742
	93143
Presthus R V	10552
Prestianni L	21164
Prestianni N	19237
	37684
	55545
Presto J	42601
	84822
Preston A P	345
	954
	11307
	90070
	90530
Preston F G	7354
Preston H J	17994
	87452
Preston J B	1502
	12807
Preston J F	30873
	83344
Preston N C	21165
Preston R D	12169
	56989
	59124
	81436
	81441
	89849
Preston W	75780
Preston Smith H	59356
	59357
Prestrud L	32556
Pretcher W L	45377
Preter E de	69533
Preti L	18439
Pretis E de	46514
	63597
Pretsch W K	39536
Pretzer W	40225

	Item
Pretzer W F	45290
	54209
Preuschen G	25235
	34787
	34788
	37230
	37399
	46702
	53117
	53209
	55118
	61537
	69129
	71345
	86176
	86271
Preuschen R	35006
	78362
	78363
Preuss C	87412
	87443
Preuss E	10518
Preuss F	23649
	58602
Prevaudeau A	62947
Previtali A	8138
	44924
	66401
Prevo A	25271
Prevo A A	24077
Prévost J	34092
Prevosti A	34368
Prévot A R	2619
	94810
Prevot B	94281
Prevot P	58330
	69708
Prew H A	47564
Prewit J D	10769
	17245
	18855
Prewitt J M	76558
Prewitt R C	31261
	40927
Prianishnikov D N	20379
Prianishnikov S K	36027
Prianishnikova Z D	955
Priaulx A W	41296
	58992
Pribbernow W	86361
Price C	20762
Price C W	94330
Price D A	16006
	24165
	33595
	42965
	77000
Price E F	74065
Price E G	40715
	65722
Price E G Jr	21166
Price E H Jr	71193
Price E W	11268
Price H	8547
Price H H	95088
Price K E	59709
Price O T W	19182
	55567
Price W	77253
Price W A	1601
	5951
	77254
	85410
	85411
	86000
Price W A Jr	68028
Price W B	79015
Price W C	20099
	38830
	64575
Price W E	2067
	30330
Price W T	29767
	43016
Price W V	62152
	92560
Price-Davies W	78780
Price Gaviria C	85412
	85994
Prichard G L	9471
	26966
	36742
	70984
	79821
Prickett W J	55483
Pridanfseva O I	90400
Priddle A C	31843
Pridham A M S	1602
	21375
	21400
	29365
	47944
	48044
Pridham S	76559
Pridham T G	69709
Pridie E D	96007
Priebe E W Jr	9556
	71547
Priebe H	34789
	37528
	61462
	63331
	63332
	69130
	78459
	88294
Priehausser G	74432
	75154
	75254
	77507
	91895
Priemyshev G A	32270
Prien H G	1603
	54210
	65888
Prier J E	5369
	32416
	42232
	42969
	51248
Priesner H	25137
	25138
	43468
	43681
Priest R E	54603
Priestley C H B	58086
Priestley F W	59710
	59711
	67668
Priestley G	49201
Prieto B J	40888
Prieto Bolivar J	3077
	14211
	21888
	21889
	31146
	31147
	53317
	53318
	69454
Prieur R	37685
Priezzhiĭ I I	91944
Prigge	24303
Prilmak A K	58331
Prikhno P	59791
Prikhozhenko I E	29871
Prill E A	56959
Prillinger F	25856
	45311
	53675
	86801
Prima S di	82291
Primachenko M A	48354
Prime C T	65723
Primo P	87260
Primo Yúfera E	87518
Primost E	48045
	74312
	74625
Primrose C	77977
Primus K	59960
Prince A B	74626
Prince A L	30751
Prince F M	6907
	6915
Prince F S	20702
	39537
	49542
Prince V E	48139
Prince Edward Island Dept of Agriculture	63990
Princi F	38178
Princes Risborough Eng Forest Products Research Laboratory	32037
	58993
Principe P A	48046
Principi G	2068
	21167
Principi P	21600
	47720
	58183
Princis K	6874
	17128
	61274
	78232
Pring G H	65724
Pring N G	14597
Pringle A V	54147
	70449
Pringle E M	23900
Pringle G	34414
Pringle H F	37083
Pringle S L	83256
Pringle W J S	80685
	94498
Pringsheim E G	237
	11572
	64283
	64817
Pringsheim O	64817
Prins M	55858
	80627
Prinsen J	70258
Prinsen L	7409
Prints fA I	34484
	93983
Prints M	44213
Prinzing H	84622
Prior P V	64818
Priorelli G	53210
	62726
Priouzeau M	15465
	41869
Priselkova D O	6382
Pritchard A E	16502
	52570
	60868
	68620
	68764
	77593
	77594
	77595
	93717
Pritchard E J	14937
Pritchard E W	38871
Pritchard H	22845
	50772
Pritchard H W	14212
Pritchard N T	8028
	17902
	44837
	44879
	44880
	86886
Pritchard W R	76371
Pritchett C	46851
Pritham G H	5297
	23940
Pritschau E	1120
	45443
	49832
Pritzker J	61710
Pro M J	69762
	69848
Probst	78398
Probst A H	48589
	57363
	73661
	90457
Probst E	19462
Proby R G	3375
Prochaev V	2477
Prochan Z	55414
Procházka F	12884
	47855
Prochownik S	67031
Prociuk S G	27149
Prock	22846
Prock W	24269
	24270
	32271
	43049
	51934
Procopio M	17787
	35558
Procter C	17490
	35114
	49919
	52386
	57873
	61628
	65347
Procter F	8288
	17995
Proctor B E	9447
	35376
	39096
	53559
	53560
	69695
	69710
	70259
	78789
	78836
	94597
Proctor D L	4378
	5077
Proctor E E	38007
Proctor N K	52033
Proctor R C	12215
	40090
	73222
	74384
Proctor R E	71582
Prodan M	31613
Produsentenes Omsetnings-organisasjoner for Poteter	2265
Proebsting E L	13985
	36126
	74627
	94525
Proffen L R	25275
Profittlich	35141
Profumo P	90030
	90031
Progent A	33568
Prokhorov fA M	73752
Prokhorov M I	4151
Prokhorov S	35142
Prokhorova A P	26719
Prokof'ev A A	12406
	90071
Prokof'ev I M	63230
Prokof'ev N I	41322
Prokof'ev V V	30331
Prokopenko S F	25407
	34978
Prokopljević N	41147
Prokoshev S M	56990
	56991
	56992
	64898
	90173
Proksch A	37231
Proksch O	88899
Pröls W	71705
Promersberger W J	25491
Proni G	88122
Pronin A F	69194
	69217
Pronin D	27839
	75007
Pronin F M	48875
Pronin S N	57470
Prosen A F	34198
	34411
	34472
	34485
Proskauer J	56299
Proskura A	85157
Proskurfakov A	44214
Prössdorf A	33161
Prosser D S	7187
Prosser D S Jr	35014
	44056
	61509
Prost E	26894
	26895
Prostoserdov N N	78917
Prot	50773
Protasov A	39742
	57298
Protasov P V	40694
Protin	12662
	29540
Protin R	95249
Profsenko A I	6875
Profsenko N	2814
	58465
Proud D M	17195
	35397
Proudfoot F G	42810
Proulx J R	4238
	4808
	33086

	Item
Proulx J R	38382
	62245
	67574
	68021
	68145
	82053
	92561
Proust J	16654
Proust R	88257
Prout T	77885
Prouteau V	45801
Prouty C C	17941
	26222
	35765
Provaglio G	54515
Provasoli L	73223
Provinse J	27840
Provoost P J	39835
Provost M W	68797
Prowse G A	274
Prozorov P	35046
	63522
Prückner R	14950
Prudent I	54597
Prud'homme A	75921
Prudhomme V	47764
	56691
Prud'Homme van Reine W J	72307
Prudnik V K	24616
Prügelhof F	33735
Prummel J	49729
Prunayre A	60722
Prunier	76372
Prunty M Jr	80208
Prusakow N	54562
Prusova P	63333
Prusskiĭ V	92879
Pruthi H S	5987
Pruthi J S	8898
	95131
Pruvost	58662
Pryce-Jones J	93643
Pryor L D	3313
	45719
	56749
	56750
Pryor M G M	43127
Pryor M R	49304
Pryor R L	956
Przedpelski B J	37761
Przewoski W	26855
	33734
	68691
	81172
Psalti A M	49368
Psareva E N	39641
Pschorn-Walcher H	13810
	31649
	58780
	94127
Pschorr	32767
Pshebel'skiĭ V V	49730
Pshenichnyi P D	36530
	50959
	59227
	84014
Pshenova K V	1053
	1054
	90035
Ptak L R	28212
Ptitsyn S	36422
Pu C L	6481
Pubols B H	18240
	26465
Puckett C	15242
Puckett L M	19133
Puddle C E	21168
Puddle F C	13363
	21169
	30332
	49060
	57428
Pudelkewicz C	63906
Pudelski	31441
Puder H	15667
Puebla A de la	53338
Puebla Torres S	5370
Puente M	70771
Puerta F de la	30000
Puertas J L	1298
	31005
	48366
Puertas Fabila J L	81923
Puerto Rico Comisionado de Agricultura y Comercio	11200
Puerto Rico Dept of Health	93927
Puerto Rico Dept del Trabajo Negociado de Estadísticas del Trabajo	88295
Puerto Rico Off of the Governor Bur of the Budget Div of Statistics	80732
Puerto Rico Planning Board	37084
Puerto Rico Serv de Conservacion de de Suelos	21962
Puerto Rico Water Resources Authority	31148
Pueyrredon G A	85057
Puffer R E	21339
Puget	23503
	32929
	76548
Puget E	75922
Puget J	85513
Pugh L H	42664
Pugliese V	18652
	69849
Pugliese W	33921
Pugsley B	70840
Puhane K	41313
Puhr L F	66265
Puhr M	10910
	55033
Puig J B	45223
	62421
	70450
Puisségur C	93793
Pujatti D	17129
Pukhal'skiĭ A V	48515
Pukhovifskii N M	73753
Puleston H S	48047
Pulgar J	5371
	52982
Pulgar Vidal J	27547
	58720
	86600
Pulido Cuchi F	9078
Pullar E A	39781
	65726
	72411
Pullar R G	78973
Pulle A A	157
	14439
Pullen A R	57170
Pulliam A L	15543
Pullig T	76509
Pulling G H	24617
Pulp and Paper Research Institute of Canada	41560
Pulse P F	10770
Pulse R	75797
Pulte	23563
	33018
	67509
	84623
Pulte-Bonn	3837
Pulver E	80209
Pulver H	17581
Pumain E	69626
Pumpiańskaia L V	81115
	86759
Pumpelly C T	22847
Pumphrey R B	45699
Pumphrey V	5653
Puncochar J F	27219
	71182
Punerai A	37686
Pungs L	92150
Punnett P W	44722
Punnett R C	60049
Puntambekar S V	26967
	41609
	79822
	87883
Puntriano G	59712
Pupillo M	47565
	81281
	81680
	89647
Pupo J P	21463
Puppini G	49920
	91645
Pupysheva L I	60869
Purcallas y Salva P	40358
	57507
Purcell J C	9285
Purcell M R	17610
Purcell T	53738
Purchase H F	13986
	58146
Purchase H S	15393
	51173
	59628
	84362
Purchase M	34948
Purdie A	68193
Purdue University Agricultural Economics Dept	10173
Dept of Agricultural Statistics	87818
Engineering Experiment Station	6941
	69065
Engineering Extension Department	35270
Purdy B	76116
Purdy D I	38100
Purgni P	53339
Pürgyi P	86111
Puri B R	21504
Puri G S	11404
	89238
	89239
Purkayastha C	3227
Purkey D R	55714
Purko M	8287
	62082
Purnell W F	66867
Purr A	41870
Purseglove J W	1541
Purser R	35080
	42555
	45882
	60325
Pursey M	6255
	6256
	77508
	91132
Pursucker H	16616
Purushotham A	3811
	75506
Purves C B	3723
	3738
	32173
	67160
Purvis E R	22020
	30751
	49731
	50022
	73224
Purvis G H	82890
Purvis O N	29366
Puryshev S P	9951
Pusareva M P	33634
Pusch	31348
Pusch J	76373
Püschel W	87361
Pusen H	2965
Pushin L I	78918
Pushkarnath	90965
Pushkinskaia O	29367
Pushkinskaia O I	66208
Pustoshkin I I	56662
	91716
Pustovar I A I	32388
Pustovit A A	31442
Pustovoĭt A	39538
Pustowka T	23650
Pustygin M A	7128
	7129
Puteanus I	6257
Putkisto K	31909
Putman J	46703
Putman W L	6775
Putnam E W	64886
Putnam F W	69561
Putnam H O	45568
	46704
	62727
Putnam J A	3353
	14496
	14511
Putnam L G	34659
	69007
Putnam P L	37166
	80086
Putnam R C	14951
	32117
	75646
	83638
	83639
	92121
Putnam R L	46077
Putov V S	48808
Putt E D	12855
Puttarudriah M	16617
	52475
Putz A	13364
	13365
Putzer J	66402
Puustjarvi V	86511
Puy E de	1233
Puyal D V	18741
Puyal V	69132
	88900
Puyo J	50960
Puytorac P de	29368
Puzanova-Malysheva E V	61313
Puzei S M	57559
Puzyr H	52095
Puzyrev I V	35963
Puzzi D	43655
Puzzilli M	72861
	81661
	90072
Py C	20175
	20901
	47900
	48720
	65402
	73225
	79377
	81442
Py M	31644
Pyenson L	19944
	52124
	52125
	68449
	77255
Pyke M	78709
Pyles H K	41065
Pym L W	13837
Pynaert L	957
	48048
	64819
	72064
	74385
	88404
Pyne Gould Guinness Ltd	26842
Pyron J H	28626
Pyshenkin A D	51792
	51807
	77031
Pytasz M	22985
Pyykkö M	47186
Qadri M A H	5988
	33890
	60588
	77978
	93984
Quaal W	55744
Quaas K	94978
Quaas R	21752
	66556
	90267
Quackenbush A	57398
Quackenbush F W	12526
	26296
	30769
	67304
	68022
	83165
Quackenbush G G	8029
	62166
Quadri P	8288
	8289
	35739
	62041
Quaedvlieg	51249
Quaedvlieg E V A A	22986
	32389
	32768

	Item
Quaglia M	66557
Quagliariello E	53006
Quagliotti C	25236
	74778
Quaife E L	5744
	7300
	9226
	35081
	77148
	85181
Qualfe M L	63939
Qaiyum M A	24361
Quander J	59661
Quanjer H M	11700
Quantz L	64571
	72862
Quarrell C P	86442
Quarry E	60967
Quarterman E	89414
Quartermaster Association	35213
Quäsching F	69496
Quassowski H	1771
	43220
Quastel J H	66209
	74433
	74434
Quastler H	24832
	73226
Quate L W	6558
	24980
Quatrefages H	22913
	93158
Quattlebaum C A	63742
Quayle J R	6658
Quayle W L	1236
	5258
	5646
	14390
	32660
Qayyum H A	24944
Quebec Bur of Statistics	87128
	87819
	87820
Quebec Dept of Agriculture	55991
Live Stock and Health of Animals Br	88808
Poultry Div	15018
Rural Economic Serv	55484
Div of Cooperation	10911
Quebec Dept of Colonization	27767
	63598
	71583
Quebec Dept of Lands and Forests	
Entomological Serv	43157
Forest Protection Serv	68450
Quebec Dept of Trade and Commerce	62120
	70290
	70291
	70292
Quebec Farm Credit Bur	18882
Quebec Provincial Feed Board	15110
Quebec Rural Electrification Bur	25541
Quéchon M	59358

	Item
Queensland Agricultural Bank	37120
Queensland Beekeepers' Association	85514
Queensland-British Food Corporation	71471
Queensland Bur of Investigation	20506
Queensland Bur of Sugar Experiment Stations	29860
Queensland Cane Growers' Association	36948
Queensland Dept of Agriculture and Stock	38179
Agriculture Br	65890
Div of Dairying	79164
Horticulture Br	65891
Pig Br	93293
Plant Protection Serv	89536
Queensland Dept of Public Lands	46419
Queensland Director of Forests	66820
Queensland Government Statistician's Off	25762
Queensland Irrigation and Water Supply Commission	14107
Queensland Land Admin Board	46419
Queensland Land Tax Off	18921
Queensland Meat Industry Board	36351
Queensland Society of Cane Technologists	90482
Queisser H	69195
	69196
	86233
Quelch M T	49369
Quelle O	31491
Quénardel	71539
Queney A	158
Quentin A	85515
Quentin G	46012
Quentin M	84692
Quentin R M	16618
	16619
	77768
Querci O	6809
	85995
Quéré P	36848
Querengasser F	91759
Quérolle M	79820
Querton V F	53984
	70260
Quesada A	15143
	60364
Quesada H	6258
Quesada J	38046
Quesada T R	11948
Quesnel E	62042
Quesnel J J	15574
	76263
Questel D D	78171

	Item
Questel R	8595
	18174
Quevedo C V	3078
	14213
	66651
	83045
	83110
	83111
	83112
Quevedo J M	33736
Quézel P	651
	43139
	43469
	60888
	77769
	89308
Quiaoit B A	27150
Quibin C Q	23456
Quick R H	58734
Quidet P	24410
	85677
Quien C	20902
Quig J B	94979
Quigley G D	23965
	86409
Quigley K L	92037
Quignon-Fleuret E	74386
	86803
Quijano R G G	79780
	87828
	87830
Quik H G	71215
Quiles A	16228
Quiles Mora G	84121
Quill S G	66331
Quill T	59584
Quillet M	39250
	48049
	90174
Quillfeldt von	83257
Quillon Mme P	40443
Quimba G P	21415
Quimby M W	23099
	47760
Quin	46784
Quin A H	4152
	5837
	51986
	67395
	85269
Quin J I	83923
Quinby J	72308
Quinby J R	48587
	65032
	65241
	65242
Quinchon C	15449
	51634
	59339
Quinlan J	84693
Quinlan J B	84694
	84695
Quinlan P T	80431
Quinn J P	23964
	76828
Quinn O B	55021
	87411
Quiñones J R	37974
Quintana M M	60491
	60492
	75798
	77149
Quintana Mari A	9078

	Item
Quintanilla C F	62318
	70335
	94910
Quintanilla R H	55855
Quintieri Q	63219
Quintin	55715
Quintin Y	5259
	33454
Quintus D	31614
Quintus P E	9472
	28146
Quiogue E S	96159
Quiring D P	28194
Quirk W H	40417
Quirós Calvo M	11888
	81282
Quisenberry J H	23857
	23944
	27029
	76757
	76923
	87958
Quisenberry K	48237
Quisenberry K F	20582
Quisenberry K S	12216
	38786
Quispel A	13783
	49442
Quistorff J A	93190
Quisumbing E	11497
	13366
	13367
	74066
	74067
	90861
	90862
Quittet E	37529
	51335
	54760
Qureshi A A	54389
	70595
Qureshi D M	9079
Qureshi I M	70986
	83210
Qureshi J M	26915
Qureshi M L	3149
	9829
	9782
Qureshi T A	8548
Qutubuddin M	43604
	85820
Qvarfort S	56185
Qveflander T	83624
Qvist A	50222
	66841
Raab	53149
Raab J	35425
	71346
	87525
Raabe E W	81388
Raabe R D	89648
Raadts E	81662
Raalte D van	2069
	13368
	21170
	30333
	30334
	30335
	30336
	40091
	57754
	65727
	65728
	74068
	81173
	82421
	90863

	Item
Raalte M H van	89649
Raaymakers A J M	37565
Rabaglietti M F	37687
Rabak W	78792
Rabanal Luis M	5184
	42811
	85158
Rabbage L H	75507
Rabbi A	23864
Rabe U	49416
Rabeler W	43128
	52126
Rabes F	90401
Rabideau G S	12540
	81771
Rabiger F H	81663
Rabinovich A	94436
Rabinovich M	87737
Rabinovich N	83020
Rabinovitch R D	89030
Rabinovich V M	39539
Rabinowitch E I	12431
Rabochiĭ L	25450
	44215
Rabofsky E	18956
	63334
Raborg P C	5116
	23693
Rabotnov T A	20122
	47721
Rabotnova I L	88008
Rabouille	50171
	75069
Rabowsky G	70336
Rabuffo V M	7928
	78974
Rabunets N A	56431
Racaj Montemayor J A	70451
Racer H O	35345
Rachad A M	4677
Rachinskiĭ V V	29369
Rachkov V M	30119
Rachlis M	35725
	96102
Rachman M	92788
Rachner M	9610
Racicot H N	12021
	56497
Rackham J R	13871
Rackwitz G	75564
	75565
Rackow H G	23355
	59800
	86213
Rada A	81701
Rada E L	80008
	80009
	80010
Radbruch H	62158
Radchik A	25413
Radcliffe D N	75365
Rädecke	83353
Rädecke G	91571
Radel L H	78653
Radeleff R D	6069
	51250
	77886
	93541
Radema L	8001
Rademacher B	6734
	13608
	21464
	47423
	47566
	52476
	66007
	91065
Rademeyr J P M	27546
Rader W E	28929
Radford A E	11498
	80926

Item

Radford C D 6383, 43398, 43399, 68621
Radford F W 5185, 33162, 51549
Radimir D 75663
Raditsa B 10324
Radkevich P E 32982
Radko A M 21088, 82422, 82579
Rad'ko T 44378
Radley J A 9080, 26720, 35232, 36123, 87650
Radloff G 62473
Radnabazaron B D 23143
Rado E 9081
Radomski J L 68511
Radoslovich E W 91207
Radovanovitch J 91066
Radoyevith R 91335
Radspinner W A 13482, 18263, 62539, 62647, 70555, 87482, 95115
Radtke 61377
Radtke H 77074
Radtke M 2070, 57755
Radtke W 32713
Radtke W F F 19945
Radugin P A 48516, 74196
Radwańska-Paryska Z 28593, 28594, 29062
Radwany E 49061
Radzievskii I 7130
Rae A L 42906, 67238, 68277
Rae G 27663
Rae J B 71706
Rae R 47435
Rae W J 60237, 92931
Raeburn J R 79669
Raes G 54134
Raeside J D 27651, 66141
Raethel S 67902
Raether W 49203
Raez Almagro M 69850
Rafael A A G 41871
Rafatti E 90073
Raffel F C 30373
Rafols W de 1121, 21753, 63062, 63063
Ragazzi C A 72114
Ragazzi G 94331
Rageau J 6559, 6565, 16503, 24682, 43539, 43907, 43926, 60970, 93896
Raggi A M 6259
Raggi C A 55415
Raggio M 81664
Raggio N M de 81664
Raghavan M S 14583, 14597
Raghavan N G S 85821
Raghavan T S 772, 39151, 82115, 89906
Ragimov M A 90402
Ragionieri C 36812, 51550, 60303, 76903, 84988, 89907
Ragland C H 57471
Ragless G B 13135, 21754
Ragni M 84363
Ragon C 26803
Ragondet G L 91525
Ragonese A E 20137, 41276
Ragonesi V C 66821
Ragozina M N 33329
Ragsdale A C 15111, 35090, 67510
Rague F 86177
Ragué Mir J 31965
Raguideau P 59359
Ragulina M 43050
Raha B 52298
Rahalkar K G 14691
Raheja P C 74628, 90483, 90484
Rahm H A 95753
Rahm U H 69048
Rahman M M A 20703
Rahn E M 2266, 21401, 40978
Rahn K 47722
Rahn O 958
Rahola I 19442
Rai L 14178
Raia N 8731, 25650, 36028, 70578
Raible K 7810
Raila F A 70947
Railsback L T 16099
Raimo H F 5500, 24057, 33226, 33227, 33228, 33229, 35082, 36813, 42812, 54798, 60101, 76758, 76829, 84790, 92966, 92967, 95406
Rain J 61862
Rainard L W 18133
Rainaut 79823
Rainbow C 90146
Rainer H 94677, 37144
Raineri C 959, 3407, 31006, 31007, 31149, 31244, 39540, 40416, 58603, 64379, 73686, 74961, 80300, 80514, 82891, 88663, 95351
Rainey J W 4678, 40923
Rainey R C 16229, 25100, 25101, 25107
Rainford J 76904
Rainio P 59066
Rains A T 45348
Rainwater C F 34274, 52382, 52477, 93468
Raith H 50887, 59713
Raithby G E 4809, 15307, 23240, 42199, 51251, 51296, 51336, 59590
Raizada M B 159, 19843, 89348
Raj G T P 56900
Raja P S K 9830
Raja S 9227, 26804, 36532, 71472
Raja S T
Rajagopal K 80684
Rajagopalan K S 58114
Rajagopalan R 2774, 44694, 47000, 72138, 73344, 82693, 95352
Rajagopalan V R 4574, 51037, 72314, 81692
Rajan B S V 64147
Rajan S V G 40924, 66680
Rajaraman S 79302
Rajendram S 52601, 61020
Rajevac M 66078
Rajher I 95132
Raju M S 66681
Raju M V S 73004
Rake D W 30589
Rakhimov B 90403
Rakhimov S 84624
Rakhmanov S I 58910
Rakhmanov V V 75385
Rakhmanova P I 34415
Rakhteenko I N 56901
Rakieten M L 8675
Rakitiánskiĭ P 25237, 32661
Rakitin IU V 29370
Rako A 39152, 51847, 76471
Rakocević M 84466, 94732
Rakover J 14108
Rakover Y 94472
Rakušček K 31726
Raleigh S M 21402, 21403, 21404, 40305
Rali U 44349
Ralston C W 91760
Ralston D 85058
Ralston F A 4425, 7364, 51076, 51337
Ralston J C 76438
Ralston J M 83625
Ralston J W 15580
Ralston N P 23317
Ralston R A 3408, 14620, 50335
Ralston Purina Co 68360, 76472, 76473
Livestock Research Dept 24271, 32662, 32663, 77032
Ram C S V 14318
Ram K B 68846
Ram N 2815
Rama S 29371
Ramachandra Rao P 1033
Ramachandra Rao T 16787, 16788
Ramachandran K 29480, 39251
Ramachandran K R 709
Ramachandran S 25062, 68451
Ramadier P 78218
Ramage W D 36164
Ramakrishnan C V 17889, 18653, 18654, 36743, 36744, 39252, 73338, 90175, 90178
Ramakrishnan K 536
Ramakrishnan N R 43495
Ramakrishnan T A 45789
Ramarkrishnan T S 275, 536, 11602, 56351, 66403, 72514
Ramakrishnan V 73021
Ramalhinho F 4679
Raman A S 71782
Râman C 34093
Râman C A 16429, 34094, 77509, 93644
Ramanathan K 89867, 93645
Ramanathan K R 38915
Ramanathan V 2490
Ramani R 43495
Ramanujam Y 16020, 84364
Ramanujan S 40227
Ramasarma G B 64573
Ramaswami M N 58826
Ramaswamy M 87261
Ramaswamy M N 13718
Ramaswamy M S 44694
Ramati Y 27768
Ramaut J L 2591
Rambaud A 27841
Rambeloson L 76263
Ramberg C A 88664
Rambier A 25102, 86027
Rambo B 28497, 28595, 89790, 89791
Rambo R W 39684
Rambo W H 50548, 67061
Rameau J T L B 25616
Ramella R 87884
Ramenskiĭ L G 29768, 59249, 89240, 89241
Ramge J C 32769, 42200
Ramiah K 12582, 13987, 48316, 57122, 63083
Ramiah R V 17246, 34790, 43950, 94257
Ramig R 66319
Raminella P 71891
Ramirez C A 4379, 8676
Ramírez E 58316
Ramirez J 61747
Ramirez J R 89349
Ramirez Bermudez J 30690, 40359
Ramírez Boettner C 4680
Ramírez Cantú D 89762
Ramírez Romero G 21542
Ramirez S C A 51038
Ramirez Sanchez A 13609
Ramjan S 58522
Ramme W 34669, 43889
Ramnani D R 15939
Ramnath B 12663
Ramon G 4153, 32770, 32771, 41872, 41873, 50888, 50889, 51495, 59360, 59714, 62836, 84365
Ramón Ruiz A 80814
Ramona R de 56437, 95035

	Item
Ramos E	79962
Ramos F	87877
Ramos J B	73726
Ramos M J	6810
	43221
Ramos Amieva M	35837
Ramos Ayerbes F	87868
Ramos de Mattos A	79963
Ramos Espinosa A	36745
Ramos González A	83113
Ramos González N	55568
Ramos Grau R	46013
Ramos Núñez G	32664
Ramp R M	53086
Rampini F	87651
Rampon	32390
Rampon L	4154
	4681
Ramsauer	31220
Ramsauer B	66558
	83021
Ramsaur B W	10378
Ramsay H S	69242
Ramsay K G	54745
Ramsay J A	94199
Ramsay R	51338
	59792
Ramsay W N M	5372
	76830
Rämsch H	66210
	82728
Ramser J H	32272
	86298
Ramsey F K	42380
Ramsey G B	18264
	87415
	89650
Ramsey G R	41422
Ramsey J	68373
Ramsey J D	64937
Ramsey J M	43540
Ramsey L L	25617
Ramsey R J	70082
Ramsfjell T	20040
	28784
	38570
	38735
	38736
	38737
	39153
	43173
	56432
	60596
	72743
	82423
	89651
Ramstad E	56862
Ramstad P E	44428
Ranade D R	43565
Ranade S G	56696
Ranby B G	18134
	41636
	50630
	70452
Rance Sir H E	37400
Rance H F	14937
Rancich G A	4958
Ranck E W	94258
Rancoule A	74629
Rancourt E de	36029
Rand M	85025
Rand R W	3186
Rand W E	22505
	42201
	42215
Randall A F	66559
Randall B	38109
Randall C C	23651
Randall C E	31359
Randall E B	62818
	70817
Randall J T	63964
Randeger R	46857
Randell C G	54619
Randhawa G S	39154
	39743
	39899
	90074
	90503
Randhawa M S	19197
	29901
	55614
Randle P	49732
Randle S B	87159
Randles C Jr	93090
Randles C A Jr	24058
Randles C O Jr	60246
Randoin L	44818
	55895
	55939
	63913
	63949
	80694
Randolph B	70657
Randolph C	44216
	68315
	91067
Randolph H S	46705
	63743
Randolph J W	17247
	78529
Randolph L F	12170
	90268
Randolph L K	52090
Randow G	16735
Rands A W	960
Ranft A	34095
	60723
	77510
Rangacharlu V S	1707
Ranganathachari N	71473
Ranganathan B	29180
Ranganathan C R	83455
	83456
Ranganathan V	3810
	3811
	59138
Rangaswami G	64402
Rangaswami S	85458
Rangaswamy M C	23144
	23200
Ranghel	58523
Galindo A	83114
	83291
Ranieri C	3150
	17702
Ranieri L	80231
Ranitz S M S de	37698
	46590
Rank B	69534
Ranke	59793
Rankin A D	50890
Rankin B I	63867
	74942
Rankin D F	47640
Rankin H W	64972
	72863
	74906
Rankin J J	9600
Rankin R C	63166
	63167
	88123
Rankin W B	86601
Rankin W H	1234
Ranney W A	46858
Ranninger R	3167
	12432
	20704
	29372
	49982
	57123
Ranque J	43605
Ransbeeck M van	53497
Ransford J R	79370
Ransom R W	9256
Ransome D P	44057
	78421
Ranson E R	57756
Ranstead J M	72205
Ranzani G	94678
Rao A L S	9358
	9359
	95312
Rao B M	42202
	42203
Rao B S	64484
Rao B S S	73005
Rao B V	46014
Rao C H	66404
Rao C J	66405
Rao C K	3838
	75733
	76474
Rao C V	89860
Rao D N	80666
Rao G N	43928
Rao H A G	74387
Rao H G G	40924
Rao H S	12217
Rao J S	66072
	90075
Rao J T	56721
	89295
	90485
Rao K H	66410
Rao K N A	77642
Rao K S	65059
	74435
Rao L S P	73075
Rao M B V	66560
Rao M B V N	66406
	66407
Rao M M	42384
Rao M R A	94925
Rao M R A N	40419
Rao M S N	40419
Rao M S S	896
Rao N S	79350
Rao N S K	92337
Rao N V M	66408
Rao N V S	89652
Rao P K	66409
	89891
Rao P N A	66410
Rao P R	26967
Rao P S	12541
	12542
	12543
	18797
	40360
	49370
	73339
	82124
	90076
Rao S A R	94035
Rao S B V	15839
Rao S K S	64850
Rao S N	85766
Rao S R	14597
Rao T A	12171
	47786
	89861
	89862
Rao T V	45803
Rao V K R V	35212
	63431
Rao V N P	48238
Rao V P	6676
	43682
Rao V R B	72141
Rao V S	710
Rao V V	61021
Raoul W G	32051
Raoul Y	61716
Rapala R T	4600
Rapaport B	1180
Raper A	37764
	88161
Raper A F	10174
	95600
Raper J R	81665
Raper K B	28709
	29119
	38383
	38546
	47187
	80896
Raper M J	10174
Raphael H J	41423
Raphael T D	65474
	74197
Rapić S	84651
Rapilly D	47347
Rapin J	39541
	56545
Rapin P	54799
Rapking A H	63679
Rapoport E	70339
Rapp B	95816
Rapp G D	24059
	84938
Rapp G M	75549
Rapp G W	19579
Rappaport J	12433
Rappard F W	14621
Rappe G	12808
Rappelsberger J	35776
Rappleye L	805
Rapraeger E F	22290
Ras G	55594
Ras Crotto N	50675
Räsänen K A	31470
Räsänen R	15002
	32160
Rasbech N O	59435
	59607
	67593
	75996
Rasch K	9309
	15466
	67654
Rasheed A A	36665
Rashevsky N	80441
Rask O	12885
	27151
Raskatov P B	20380
	73006
Raski D J	29043
	66670
	72883
	81363
Raskin G	88512
Raskin L M	91545
Raskin S E	89660
Raskopf B D	62319
Rasmuson B	6560
Rasmuson M	6561
Rasmussen A O	10771
	65722
Rasmussen C L	12880
Rasmussen E J	30038
	30039
	47787
	73836
	90648
Rasmussen G	82892
Rasmussen K	41743
Rasmussen L W	40265
	49241
Rasmussen M P	95089
Rasmussen P	49610
	65348
Rasmussen P M	54354
Rasmussen W D	9952
	47188
	94513
Rasmussen-Iglekjaergaard C W	5501
Rassadina K A	56352
Rastall S H	42397
Rastatter E L	67167
Rastegaev P N	1663
Rastelli A	35559
	53676
	61863
Rästen J	67305
Rastorgueva M D	20688
Ratchford C B	37689
	46111
	70453
	88665
	88666
	95913
Ratcliff L	76024
Ratcliff R Y	12434
	13610
	64820
	65995
	69180
Ratcliffe A J B	83183
Ratcliffe F N	6602
	34416
	80734
Ratcliffe H E	54764
	79868
Ratera E L	21405
Rath H	6562
	13116
	16858
	24411
	28785
	78172
Rath G	59715
	92477
Rath H	18135
	70454
Rathborne J C	14622
	22349
Rathburn F L	60954
Rathenasinkam E	53421
Rather H C	20507
Rathke A	7640
Rathschlag	55716
	95754
Rathwell S W	10772
Ratiani O M	20995
Ratković B	96233
Ratkovich M	68984
Rat'kovskii S P	91490
Ratner B	51647
Ratner E I	961
	12435
Ratnikov A I	34096
Ratnikov V	23241
Ratnikova V	4239
Ratomski A	23497
Ratra R S	3810
	15009
	59138
Rats I I	31727
Ratto M O	37401
Ratty F J	16736
	34326
Ratty F J Jr	24825
Rättzén B	62553

Ratz A 35560
Rau Sir B R 18883
Rau H G 83417
Rau H S 2653
Rau K G 42204
Rau M A 20176, 38941
Rau R A 38940
Rauber F S 87959
Raubitscheck F 56164
Raubitschek F 11947
Rauch A 21171
Rauch R H 34619
Rauch W 60247, 76905, 76906
Raucourt 11201
Raucourt M 16304, 17097, 35561, 89653
Raudsandmoen G 15623
Rauh A 24091
Rauh G 66411, 74630, 79165
Rauh W 38384, 65403, 80897, 89863
Raul A 49305, 57975
Raullet J 59961
Raum H 20584, 66412
Raunkiaer C 95
Raup E G 21755
Raup H M 12436
Raupach S 7244
Rausch H 28786
Rausch K 69953
Rauscher H 1122
Rauscher R 48631, 69197, 86362
Rauscher W 60474
Raushenbakh P A 23608, 23694
Rausing R 86410, 86411, 94437
Raussendorf C 86272, 86273
Raussendorf C W 86274
Raustadt R P 74876
Raut C 20235
Rautanen N 20463
Rautavaara A 41033
Rautenberg H J 2491, 6260, 6261, 16430, 24618, 34097, 34098, 60724, 60725, 93646
Rautenberg J 68294
Rautenkranz W von 49733
Rautenstein-Arazi A 84854
Rautkin F A 35193
Rautou S 64954, 65064
Ravà G 80046
Ravà M G 9831, 12930, 46112, 55034, 55286
Ravaioli L 4137, 4682, 51819, 85026, 85095
Ravanello G 20024, 20025
Ravault L 11837, 28787, 65892, 88079
Rave A 67800
Rave D 58827
Raven C P 81443
Raven J E 64206, 64207
Raven P H 81017
Ravenholt H 55778
Ravensteijn M van 26466
Raver P 46322
Ravnholt H 10912, 72065
Ravve A 11390
Raw F 24764
Rawat A S 58760
Rawitscher F 848, 22307, 73227, 90077
Rawle S G 6811
Rawlings B R 53522
Rawlings C O 39920, 47412
Rawlings F N 41744
Rawlings W V 29832
Rawlins T E 23137
Rawlins W A 16306, 16868, 78717, 47057, 56427
Rawnsley E 73228
Rawson A 23776
Rawson D S 86117
Rawson G W 25063
Rawson H W 13776
Rawson J 64821
Rawson J M 49734
Rawson L C 66901, 66989, 87262
Ray D C 24179
Ray D K 34511, 34536
Ray D T 17996, 69954, 70261
Ray G 35426
Ray G S 8498
Ray H D 28596, 68337, 85270, 85280, 93269
Ray J D 83544
Ray J N 86209, 86218, 94450
Ray K R 26407, 29663
Ray L G 30742, 53739, 81910
Ray L L 9082, 54676, 61978
Ray L R 39155
Ray P K 22855, 23144, 25948, 62004, 62246
Ray S C 92338
Ray S N 92773
Ray T 2966, 3079, 17130, 34670, 94161
Raychaudhuri S P 38815, 38820, 74911, 83115, 83116
Raymaley F A 17682
Rayman M M 95336
Rayment T 68898, 78037
Raymond G 5502
Raymond L C 3080, 74198, 91068
Raymond M 19844, 19845, 38474, 38478, 64212, 64213
Raymond R 84555
Raymond W D 49364, 54862, 74388, 78005, 78913
Raymond W F 50774
Raymundo M B 58466
Raynaud G 30691
Raynaud R 88587
Raynauld R 71584
Rayner A A 19729
Rayner J G 12931
Rayner R W 11701, 20041, 20042, 72744
Raynor A L 86299
Raynor E W 13738, 14178, 14331, 14543, 14559, 14575, 14691
Rayns F 39624, 40228
Rayski C 42961, 76991, 85587
Rayson C 13872
Rayss T 56316
Razet P 60867, 78281, 93718
Razous P 14468, 14469, 22622, 25451, 31537, 31845, 50515, 67140, 83590, 92076, 92106
Razumov V I 39156
Razumovich M B 20381
Razuvaev A A 79303
Razvìàzkina G M 52896
Re A 32772, 42205
Rea E 71320
Rea H E 7085, 30590, 30591, 49735, 66008, 66009, 82558, 82580
Rea J G G 63523
Rea J L Jr 14657
Rea R A 59361
Read D E 32173
Read F M 1604, 1605, 18210, 18211, 36127, 45291
Read F W 18241, 38478, 44474, 87416
Read H 77089, 80515, 89169
Read J 64053, 76159, 91491
Read M 13988, 21963
Read M P 49472
Read R A 12809, 14584, 56663
Read W H 85413
Read W S 44310
Reading University 27250, 27700
Dept of Agricultural Economics 27717, 27741, 95841, 95850, 95865, 95871
National Institute for Research in Dairying 87091
Ready D 29373, 39120
Reagan B B 10240, 61619
Reagan R L 5122, 5298, 5307, 15197, 23709, 23966, 33330, 42514, 51633, 51648, 51649, 59997, 84747, 84902, 84903, 84904, 84905, 85027
Réal P 25064, 85996
Reali G 85997, 93856
Ream H W 3051
Reams W M Jr 12172
Reardon A 8139
Reardon G V 87756
Reark J B 81018
Reath A N 57903
Reaves C A 78672, 86355
Reaves C W 4380
Reaves P M 76217, 84123, 84467
Reay G A 9729, 9730, 27226, 37033, 53195
Rebelo D J S 78919
Reber N F 1832, 61665, 69356, 86112, 86412, 92478
Rebert A F 20111, 29374, 72815
Rebert F 12338
Rebhan J 74631
Rebiffé J 36424, 46859, 48317, 55779, 71988
Rebischung J 29769, 73076
Rebmann A 26696, 70729
Rebmann E 42869
Rebolledo 2492
Rebolledo Clement J 7811, 82636
Reboul J 7511, 25651, 44475, 53457, 61776
Rebour H 2816, 8777, 18655, 19773, 20903, 26484, 28012, 29950, 29951, 36159, 36289, 39685, 39744, 39782, 39783, 45444, 48721, 48755, 48756, 49921, 54211, 56902, 56903, 57472, 58332, 62635, 66413, 73790, 80353, 87526

Rebrassier R E Item 42381 42391
Rebrov P I 67663
Rebstock T L 73229
Recalde A 18832 58701 58828
Recaredo Ossa 27548
Rechel P 33163
Rechenthin C A 41745
Rechinger K H 96 97 72412
Rechinger K H Jr 38475 38476 47275 47276 47277
Rechkunov N 26297
Rechter W 6262 77511
Rebischung J 89350
Reck F M 37975
Reck R C 62728
Reck S H 2685
Reck S H Jr 59591 86456
Recke G 3314 3315 3316 3317 3318
Recke Graf 41105
Recke S Graf von der 22350
Recknagel A B 41143 59075
Recknagel H 77512
Recordati A Z 10913
Rector M A 11498
Red Poll Cattle Society 15308
Reddaway G E 24060 42813
Reddi K K 1060
Reddi K R 73687
Reddi M L N 69535
Redding E M 12544
Redding H 41011
Redditt J R 18706 24061 95407
Reddmann H 82938
Reddy M C 44403
Reddy N S 23120
Redfern R B 79166
Redfern S 69546 78920
Redfield C S 8843 26580 70313
Redfield G M 7564 7623 7624
Redfield H 77901
Redford E L 20382
Redford R A 39494
Redit W H 18262 18272 36195 53458 87417
Red'kin A 33783 76218
Red'kin A R 60404
Redl A 6263
Redlich F 13021
Redlinger L M 52815 60545
Redman E J 29591
Redman J C 88588
Redmayne P 35272
Redmond D R 23375
Redmond H E 76374
Redshaw G E 23457 84212 84468
Ree T 18136 70374
Reece A D 23458
Reece P O 14853 83579
Reece R P 51252
Reed A 62121
Reed A D 10378 21840 27704 27709 27711 27714 27716 37577 37579 46461 46462 46463 48498 49861 55446 55449 55450 55451 55453 78461 80332 95844 95845 95848 95849
Reed C F 11500 28627 38477 38496 89384
Reed C L 35384
Reed E 17640
Reed E C 2660
Reed F D 5503 11405 33266 33455 37121 45883 60248 95408
Reed F I 51239
Reed F J 2071
Reed F R 60050
Reed G 54390 61864
Reed G B 64874
Reed H E 16030 36595 45673 45682 64497 72745
Reed H L 77306
Reed I F 40758 53197 86355
Reed J A 42996
Reed J F 21539 47723 66856
Reed J H 95036
Reed J K 33925 34275 77310
Reed J M 7641
Reed J P 60604 77295
Reed J R Jr 68000
Reed L L 479
Reed M J 65178
Reed M S 24765
Reed O E 59506 69911
Reed S C 34369
Reed W E 21601
Reed W G 55992 80741 93469
Reeder J R 160 161
Reeder L M 22663
Reeder N 61405
Reeder N W 44269
Reedy F C 65729
Reeks W A 52727
Reel J C 36425
Reers L 5504
Rees A L G 8549
Rees A M M 88596
Rees D C 10325
Rees D M 16780 85767 85822
Rees G 60172
Rees H 64688
Reese 62043
Reese C A 1349
Reese H D 64899
Reese J E 41527 67154 83644
Reese Mrs L 21172
Reese M J 19364
Reestman A J 2967 87338
Reeve E 43543 49750
Reeve E C R 93893
Reeve H B 39625
Reeve P A 39625 48632
Reeve R M 45312
Reeves A 21081
Reeves E L 56615
Reeves F 23459 30337 59592
Reeves F T 21173 57757
Reeves J 73461
Reeves W C 5048 6614
Refardt E 71892
Refatti E 11832 12437 52670 52816 56546 56904
Refrigeration Research Foundation 61865
Regan C W 40092
Regan D 90207
Regan M M 37611
Regan R L 76831
Regan W M 15272 59507
Regazzoli J A 75923
Rege F de 2381 49306 74313
Rege R D 2817 79964
Regelmbal L O 2569 39828
Regel C 38872 47567 89242
Regel F 25012
Regenstein E 91717
Reger J S 58467 74779 74780
Regestad S O 3724
Reggiani A 14109
Reggio L 95037
Reginster M 83292
Reginster P 74314
Regional Meeting on Land Utilization in Tropical Areas of Asia and the Far East 80411
Regnery W 36030 45224 70455
Régnier 16169
Régnier R 16620
Régnier V 28277
Rego A da S 1708
Rego I B 82637
Rego J B 2493 13719
Rêgo J F do 9473 27032
Regt N A de 11702
Regt-Dekker J J de 86178
Reh W 6241
Rehfeld C E 76371
Rehfous M 72206
Rehm G 27664
Rehm M 25065
Rehm S 73230
Rehman A 29770
Rehman M A 41397
Rehman R 45292
Rehmeder E 22351
Rehn J A G 6876 43890 43892 43893 43894 69011 72207 94172
Rehn J W H 43891
Rehnberg R D 2968 31151 31152 66561
Rehrl K 17431 25384 34791 44476 53211 53212 78462 78558 86179 86180
Rehwinkel 10176 22112 26132 54578
Rehwinkel E 10175 27549 46078 54999 55287 55288 70615 71474 71475
Rei 25452
Reich B 61830
Reich C 61979 61980 61981
Reich G T 18798 79965
Reich H 1600 24412 38610 42699 53844 89537 93794 93985
Reichard T 74578
Reichardt F 79079
Reichardt H 85727
Reichardt W 16566
Reichart 25857
Reichart A 1810
Reichart M A L 66266 91324
Reichelderfer F W 72228
Reichelt H 83360 89792 91761
Reichelt R 17788
Reichenbach C 69402
Reichensperger A 34276 52478 85678
Reichenstein 41438
Reichenstein E 14819
Reicher I 81666
Reichert 64938
Reichert E 9286 59895 76605
Reichert I 11889 11890 12438
Reichert J S 50549
Reichert T 3605
Reichert W 41746
Reichgelt T 72342 89264
Reichl E 78173
Reichmuth W 75370
Reichstein T 12550 48180 64901 94519
Reid A W 8290 70083
Reid B L 23867
Reid C 68000 19722 46860
Reid D 59228 67558
Reid D A 1197 57124
Reid D M 3725
Reid E H 11685
Reid E P 61740
Reid E W 9083 54516
Reid G 16038
Reid I G 85025 9953 27741 95871
Reid J 84843 86210
Reid J A 16781
Reid J D 70462
Reid J S 3606 3814 14728 75528
Reid J T 15112 50775 59229 84213

	Item
Reid J W	60493
Reid L	66562
	83117
	91257
Reid P A	79304
Reid R D	39900
Reid R L	24180
	68256
Reid S G	79209
Reid T A	46080
Reid W	6812
	34620
	85998
Reid W C	49983
Reid W D	69633
Reid W J Jr	17063
	19664
Reid W M	54517
Reid W S	68278
Reid W W	29481
Reifenstuel H	15309
Reifer I	29482
Reiger H A	52571
Reigner I C	21964
Reihart H W	42382
	93270
Reihart O F	42382
	93270
Reihlen	7245
Reikhard G	24766
Reiley F A	43613
Reiling H	6942
Reilly D	41561
Reilly G	2267
	5628
Reilly J	69166
Reilly J F	94549
Reimann E	9084
Reimann L	49543
Reimann L C	37749
Reimbert	62729
Reimer	26870
Reimer A	11075
	19550
Reimer F C	48809
Reimoser	70039
Reinach O	64900
Reinart A	70134
Reinbold R	23967
Reinders E	33331
	91572
	91718
Reinders-Gouwentak C A	962
Reinecke	39157
Reinecke O S H	7812
Reinefeld E	39542
	71149
	95538
Reineke	19238
	19239
	55546
Reineke E P	51982
	76346
Reineke L H	22529
Reinelt F	65730
Reiners R A	18656
Reinert J	64739
	73231
Reines M	12439
Reinfeld N	94980
Reinhard	55547
Reinhard A	54800
Reinhard H J	43541
	52572
	68765
Reinhard K R	15467
	51253
Reinhardt	3354
Reinhardt H	50961
Reinhardt J F	860
Reinhardt R	4908
	5373

	Item
Reinhardt W	2686
	9783
	80395
Reinhart J H	20383
Reinhart O F	32392
Reinhart P	36031
Reinhold J	13503
Reinhold L C	39158
Reinhold M	50256
Reinhold W	78921
Reiniger C H	25098
Reinikainen T	78559
Reinikaiselt A	78463
Reininger H	31760
Reininghaus D	57125
Reininghaus H	93647
Reinisch	48876
Reinisch E	57603
Reinke H	89538
Reinking R B	25088
Reinoso Castro H W	4155
	50891
Reinsch E E	44003
Reis E	73375
Reis F	28332
	28333
Reis J M	91619
Reisbach P	60047
Reisch	7268
Reisch E	87825
Reisch W	57299
Reischle H	74632
Reise O	49246
Reisenauer H M	30845
	40676
Reisenbichler K	84469
Reisinger	24767
	47424
	52127
Reisinger E	28788
	47685
	55548
	68692
	77770
Reismann H G	44238
	44321
	71347
	78399
Reisner J H	64069
Reiss E	81875
Reiss F J	19179
	54685
Reiss G	14110
Reiss R	45601
Reisser	80780
Reisser H	78174
Reissig J	6482
Reissig J L	48181
	73340
Reissinger G	3571
	91945
Reissmann H	69455
Reissmann W	91789
Reistad K	40093
Reiswitz Freiherr von	2969
	49922
Reitberger A	711
Reitemeier R F	13777
	14011
	21543
	31043
	58096
Reiter F	51429
Reiter F G	480
Reiter R F	8796
Reiterer M	21756
Reith J F	86553
	87803
Reith J W S	13989
	74633
Reitsema R H	36746
Reitsma K	36528
	51254
	62876

	Item
Reitz	60051
Reitz H J	2999
	31162
Reitz L P	20583
	57126
	73449
	81876
Reitz P R	28443
	28597
	28598
	28599
	30692
	38873
	89351
Rekach V N	68845
Rekova I U	34099
Remaley R J	70084
	70085
	79056
	86938
Remaudière G	52671
Remedi A L	52479
Remer O	65179
Remeslo V N	48318
Remington C L	16989
	19660
Remington P S Jr	68974
Remlinger P	23506
	92758
Remmen E T	11076
Remond J	1833
Rempe E Kh	2602
Remppel A	69955
Rempt D	5676
Rempt J D	1772
	36128
	71893
Remsberg J H	59508
Remussi C	12709
	54148
Remy A	73837
	90649
	95872
Remy P A	6384
	6385
	24706
	34199
	85588
Remy W	89243
Renard J	8034
	46057
Renaud A	12665
	12666
	51730
	54149
	57127
Renaud J	44322
	71585
Renaud M	20863
	65404
Renaud P	19828
	58235
Renaudin C	17683
Renborg U	35047
Rendel J	42398
Rendell L P	87263
René-Bazin R	26408
Rene Ledesma N	65731
Renfors O	4504
	7318
	15376
	32773
	32864
Renfrew A	87264
Renier A	29020
	29376
	29391
Renier M	29872
	63432

	Item
Renius W	48517
Renjhen P L	68722
Renk W	39383
	51987
	51988
	51989
	60472
Renne R R	21890
	31221
	49923
	55993
	71476
	83211
Renneberg A	5505
	33164
	42556
	60052
Rennels R G	85999
Renner F	13059
	64822
Renner F G	12731
	12810
	82054
Renner O	12218
	89908
	90078
Rennerfelt E	58984
	64468
	75284
	83545
	92020
Rennie J C	23145
	23146
Renntun H G	78560
Reno J	14768
	22592
	32023
	32024
	75482
Reno M V	23652
Reno R C	25569
Renoir	8177
Renon	14666
Renouf L R	83022
	91437
Rensburg H J van	38385
Renshaw B	37870
Renskil M D	773
Renteln H von	22710
Renton D G	90864
Rentrop E	6264
	93648
Rentrop H	46323
	46706
Rentsch H	33732
Rentschler H	25858
	35562
	44427
	70542
Rentshler D F	33230
Renwick L H	23482
Renz F	39543
	61406
	71648
Renz L	37690
Renz R	9710
Repass R P	85808
Repfakh I I	48361
Repp G	649
Repsdorph I	26223
Repsold K	9085
Requartte H J	88233
ReRice H A	67061
Resch C A	10519
	37691
Reschke E	31944
Research Association of British Rubber Manufacturers	71085
	88001

	Item
Research and Development Associates	35213
Food and Container Institute	78710
Research-Operations Technical Conference	74877
Reseco M	27282
Resende F	963
	89864
Reserve Bank of India	9832
Agricultural	19443
Credit Dept	26524
	27842
	63814
Reshetnikov P A	50691
Reshetov A V	22506
	41318
	41351
Reshetova A	26224
Reshetova G F	12533
Resi L A	44974
Resing W L	95453
Resnick S	38283
Resnick S L	6563
Ressort L	82522
Resuggan J C L	35838
	53987
Retamales R	84696
Retan A H	68805
Retief D F	63168
	79989
Retief J C D	33456
	80354
Retief J le R	63348
Retson G C	74199
Rettenmaier	32557
Rettinger D O	3460
Retz G A	77087
Reuber H W	50892
Reumont M	15833
Reumuth H	36032
Réus Cid A	44571
	53561
	83653
Reuss A	72115
Reuss E	346
	91375
Reuss F A T	17064
Reuss U	59351
Reusser P	81568
	81667
Reuter E	28498
Reuter K N	12811
Reuterswärd G	2072
	30338
	30466
	90865
Reuther C G Jr	36707
Reuther W	49879
	58117
	73232
Reutt G	39294
	65266
	80107
Reutter O	10773
Reva K I	31650
Revenok D E	24619
Revenko V V	36960
Revfakin M	71790
Revie G N	61866
Revie J	8550
	79305
Revilla M V	81344
Revilla M V A	38738
Revilla Morante V A	47568
Revillon T	96103
Revoiera F	52983
Revut I B	31231
Revzan D A	35273

	Item
Rex E G	40094
	64521
	72746
Rexach M	8002
Rey C	7962
Reyes D S	12932
Reyes F de los	14214
Reyes G M	11891
	11892
	12020
Reyes L	1431
Reyes M R	83307
Reyes V	46324
	55289
Reyes Barranco J	9681
	27152
	71143
	79966
Reykjavík Atvinnudeild Háskólans	89170
Reymond A	16621
	20444
Reynald P	9162
Reynard G B	28785
	49204
Reynaud M A	27665
Reyne A	16859
Reynolds A E	79106
Reynolds A G	37871
Reynolds D	71297
Reynolds D M	15945
Reynolds E B	1503
	49713
	64939
Reynolds F	42442
Reynolds G W	3319
	74069
	82424
Reynolds H	53422
Reynolds H T	16504
	34553
	34554
	61151
	77643
	78060
Reynolds H W	5120
Reynolds J D	49601
	82523
Reynolds J G	49307
Reynolds J W	23868
	23871
Reynolds M	67669
Reynolds M E	46861
Reynolds M S	55908
	96138
Reynolds O R	15950
Reynolds P A	7246
	17432
	25299
	25385
	34963
	35015
	44004
	53137
	53213
	61536
	69357
	69358
	86181
	86363
Reynolds Q	88162
Reynolds R R	3726
	14585
	41562
	50223
	66902
Reynolds W	650
	1432
Reynolds W M	15221
Reyntens	39544
Reyntens H	1433
	1773
	13060
	20950
	30040
	30041
	39839
	48810
	57560
	64206
	65440
	82155
	82581
	91069
Reyntens N	22848
	43017
Reznik P A	60789
Reznikovskii M I	88006
Rham G de	70337
Rham U	43927
Rheault P	76799
Rhein W von	34100
	52299
Rheiner A	64901
Rheinheimer D	34101
Rheinheimer O	16431
	34102
	60726
	85516
Rheinwald H	34792
	37232
	46707
	55485
	55717
	57382
	88296
	88809
Rhind D	56542
Rhine S	44032
Rhiner O	2268
Rhines C E	29377
Rhoad A O	15243
	23147
	23148
	32462
	84015
	92479
Rhoades D	46898
Rhoades D G	12999
	29966
	48738
Rhoades M M	56751
	73450
	81501
Rhoades W C	25088
Rhoades W F	9474
Rhoads H	48518
Rhoads W A	48119
Rhode E A	15610
Rhode G	22067
Rhode W	57876
Rhode Island Dept of Agriculture and Conservation	11202
	14293
Rhoden F H	87265
Rhodes A	80384
	81668
Rhodes A M	28930
Rhodes B	31444
Rhodes D N	36721
	86549
Rhodes F M	54150
	54151
	88405
	94981
	95755
Rhodes F W	49736
	49737
Rhodes K	72116
Rhodes L J	54905
Rhodes N	5989
	7483
	37034
	45360
	87418
Rhodes P C	74070
Rhodes R C	14779
Rhodes R R	75386
Rhodes W C	44368
Rhody D	46772
Rhys I W	84831
	92968
Rfabchenko I M	40520
	66211
Rfabinin N	61539
Rfabokon' A S	41669
Rfabov I N	73838
Rfabova E P	48052
Rfabova G S	22987
	59362
Rfadnova I M	1774
	2818
	39159
	57626
Riain P O	31008
Rfavkin I	44218
Riaz A G	83083
Rfazanov V	1504
	10326
Rfazanov V I	75082
Rfazanfsev V F	83924
Ribaldi M	15030
	47569
	81174
Ríbas I	81772
	81773
	81775
Ribaut H	68899
Ribbands C R	16432
	24620
	85517
Ribeiro F	15198
Ribeiro I F	18219
Ribeiro J A	8030
	8291
	8292
	17850
	25949
	25950
	32865
	35654
	35766
	35839
	42301
	62044
	62247
	62248
	84366
	84367
	86887
	86888
	86964
	87008
	87092
	94733
	94811
	94863
	94886
Ribeiro J H C	6813
	85330
Ribeiro O	12545
	12546
Ribeiro R A	15796
Ribeiro Filho A da M	25098
Ribelin S	19686
Ribelin W E	5078
Ribéreau-Gayon J	29483
	39253
	53677
Ribi E	26409
Ribiere M	74352
Ricada	82176
	82177
Riccabona I	76945
Ricceri G	6897
Ricci A	72594
Ricci I	7013
	57128
	81877
Ricci J	25238
Ricci L	1235
Ricci M	77102
Ricci P	38727
Ricci R	5782
	42008
Ricciardi P	52392
	52582
Riccio V	70988
Riccitelli J A	86315
Riccobelli M	59716
Rice C E	5123
	33061
	41874
	41875
	77120
	77121
Rice E B	7049
	8140
	17267
	79167
Rice E C	71046
Rice E F	45969
Rice E L	38874
Rice G B	82425
Rice H M	82711
Rice I L	62853
Rice M A	13713
Rice R G	36290
	36291
	87487
Rice S A	68023
Rice S T	63009
Rice T B	28195
Rice V A	4381
	22775
	32558
	50676
	67239
	92175
Rice W H	84808
	84832
Rice W J	87738
Rice W M	92339
Rice W S	8645
	8646
	8929
	26606
	45445
	62474
	70516
	87339
Rice Institute	86515
Rice Millers' Association	26722
	45569
	95189
Riceman D S	964
	48050
	65180
Rich A E	29016
	89726
Rich C I	40473
Rich F	82426
Rich G	79596
Rich G B	93470
Rich J H	50466
Rich L H	42314
	51039
Rich L R	965
Rich M	37764
Rich S	528
	11805
	38694
	38739
	89654
Richard	10327
	94809
Richard A	10365
Richard F	40414
Richard G	72595
	86092
Richard H	57127
Richard J	13990
	21757
	59717
	71177
Richard O	35593
	35594
Richard-Molard J	19551
	66097
Richards A	84697
Richards A A	83184
Richards A B	67813
Richards A G	5895
	16679
	33820
	77177
	77741
Richards A H	41161
	58886
Richards A V	90601
Richards B D	74781
Richards B L	28931
	46574
	89655
	89727
Richards C A	41410
Richards C R	84213
Richards E G	41459
Richards F	32559
Richards F J	20177
Richards H	88124
Richards I T	14810
Richards I W	70987
Richards J	82763
Richards J W	62249
Richards K L	42086
	62250
	76475
	77090
Richards L A	12497
	91173
	91177
Richards M	19888
Richards M G	4859
Richards N R	74531
Richards O	53837
	86965
Richards O N	70086
Richards O W	24768
	34537
	61134
	68766
	68900
	77887
	77888
Richards P	78038
	208
	25951
	35655
	35747
	62045
	78975
	79168
	86889
Richards P W	66

Richards R E 36033
Richards S J 82674, 91396
Richards T J 61275, 69012, 78233, 78234
Richards W R 85741
Richardson A 78175
Richardson A C 36171, 45319
Richardson B 69489
Richardson B H 69049
Richardson C 51040
Richardson C H 34277, 68693
Richardson D 50719, 85192
Richardson E C 7573, 33518, 73609
Richardson G A 35767
Richardson H B 26433, 36073
Richardson H H 20119, 77889, 93891
Richardson H R 79325
Richardson J 95409
Richardson J K 47425, 72747
Richardson J L 87160
Richardson K C 42941
Richardson L R 53425, 67991
Richardson L T 12021, 38715
Richardson M G 5186
Richardson M S 32099
Richardson N A 83546, 83547
Richardson P 27153
Richardson P P 37530, 69133
Richardson R N 76375
Richardson S D 3521, 31785, 37976, 56944
Richardson T 54282
Richardson T C 34901, 37762, 37763, 92707
Richart A 67456
Richart F E Jr 24889
Richarz H 34793
Richaud M 2269, 2270, 30467
Richel C 20850
Richen C W 31572
Richens R H 29511
Richer A C 22051
Richert W S 78922
Riches J P 64823, 90176
Richet C 28237
Richey E P 64704
Richey P S 94557, 95190
Richeza M 25276
Richharia R H 89865
Richman H 59718
Richmond A C 65304
Richmond G L G 60589
Richmond G V 46988
Richmond H A 52128
Richmond N D 24349
Richmond T R 12704, 20630, 39422
Richmond W L 85290, 86646
Richmond Dept of Public Health 76560
Richou R 4683, 32770, 32771, 59714, 67633, 76376, 84365
Richstone M 4948
Richter 34872, 61711, 66971, 91888
Richter B 52728
Richter E 52817, 920, 4928, 36426, 85518
Richter F 3839, 24334, 43106, 60173, 78604
Richter G 93795
Richter H 3492, 11703, 24062, 47426, 66978, 74782, 75679
Richter J 5374, 76832
Richter J H 17559, 53397
Richter J M H 4156
Richter K 3932, 5647, 5783, 25492, 31311, 41747, 41748, 51935, 59230, 67306, 67575, 67576, 77091, 84214, 84215, 85219
Richter K H 53562, 61867
Richter O 79513
Richter R 4916, 9954, 16622
Richter W 20818, 32025, 33737, 40095, 63125, 93471
Richterich R 33738
Richtzenhain H 67205
Rick C M 2287, 12219, 73233
Rick F 79514
Rickaby C D 48427
Rickard C G 4686, 4859
Rickard F E 50893
Rickard J A 17065, 17208, 22269, 27698, 38284, 41162, 42009, 55035, 59509, 76117, 78643, 84124
Ricker D W 60768, 68603
Ricker P L 11406, 40096
Ricketts H T 4912
Ricketts Mrs R 61378
Ricketts R L 44283, 44288, 44379
Ricketts V L 4854, 4917, 23530, 32902, 32955, 59874, 84538
Rickey L F 18044, 20298, 54055, 54056, 54057
Ricks D H 42814
Rico Sanz J 9086, 26723
Rid H 58385
Riddell H 53740
Riddell J L 54391
Riddell J O 74783
Riddell W H 59218, 67567, 75791, 76210, 77018
Ridder J 27405, 44270, 53274, 71586
Ridder O 2875
Riddet W 65181
Riddick J A 52180
Ridding W E 84749
Riddle W O 46862, 63815
Riddolls A W 2970, 2971, 52914, 94224
Ride M 19978
Rideal E K 81538
Rider J A 68512
Ridgway H W 24413
Ridgway W O 52164
Ridiger V R 74784
Ridley E R 4977
Ridoux G 79643
Ridriguez Garcia J A 85417
Ridyard H N 80685
Riebe 9955, 46196, 55119
Riebe K 94259
Riechert F 51589
Ried L A 75734
Riedeburg T 52186
Riedel C E 58184
Riedel D 74785
Riedel F 19240
Riedel K 7075, 9631, 34863, 69198
Riedel W 7929, 17997, 70008, 94763
Riedel W C 72143
Rieder H P 29378
Rieders F 85442
Riedesel M 79749
Riedinger M 18657
Riedl W 27228, 37035, 71195
Riedl W A 1236
Rief W 26437
Rieger W 25702
Riegert V 46545
Riehl H B 87266
Riehl L A 48119, 90073, 93368
Riehm H 21758
Riek R F 91208, 4684, 67670
Riekhoff W 51409
Riel 5003, 42499
Riel J van 78561
Rieman G H 38687
Riemann F 87037
Riemann H 71181
Riemens J M 2271, 14138, 20385, 72885
Riemenschneider M 83925
Riemenschneider R W 70819, 87832
Riemer G 17248, 66563
Riemschneider R 16305, 77311, 85459
Riemsdijk J F van 37531
Riemsdijk J W van 16124
Rienks A 10520
Riepma P 12302, 74315, 74316
Riepma S F 35740
Riera F J 65893
Riera Aisa L 27843, 46420, 46546, 63637
Ries L W 10414, 12812, 19365, 25239, 27742, 46421, 55120, 55416, 63433, 69243, 78464, 80108, 81878
Ries S K 78527
Ries V H 2073, 39679, 57429
Riese F de 66564
Riess K 20288
Riester D W 79432
Riet G van 't 8647, 8732, 36207, 55859, 88406
Rietberg H 73688
Rietberg W 96008
Rietberger A 12173
Rieth A 38547
Rietsema C 37402, 39686, 49205
Rietsema J 39687
Rietz G 13720
Rietz R C 3607, 22593, 31966, 31967
Rietzel A M 54281
Rieuf H 8797, 265, 481, 931, 20043, 47570, 56433, 56548
Rieuf P 48367
Riewe M E 94982
Rifaat M A 51171, 84334
Rife D C 51731, 54801
Riffault L 18045
Riford L S 2737, 66632
Riga A 26968, 70988, 95353
Rigamonti R 3659, 32042, 75895
Rigaud A 80011
Rigby F L 5375, 51650, 68069
Rigdon R H 50715, 27550, 22825, 41756, 42010, 76219, 76414
Riggs F E 4240
Riggs F W 12710
Riggs J K 32665
Riggs R C 2972
Rigney J A 81430
Rigoli A 21151, 40889, 58468
Rigon P 5207, 23149
Rigor E L 43929, 77979, 93986
Rigor T V 61805, 45225, 4959
Riha P 1434
Riherd P T 1435, 92015
Riis R W
Riis S
Riise S
Rijckaert E
Rijcke E de
Rijksland-bouwhogeschool Laboratorium voor Houttechnologie
Rijo L 89848
Rijssenbeek C J M 27033

	Item
Riker A J	347
	12301
	56905
	64736
	72678
	72818
	72819
Rikert J A	9319
	18567
Rikhert K M	32989
Rikhter A A	64047
Riley A	40097
	82427
Riley C G	89539
Riley E A	38611
	56549
Riley H M	53563
Riley H P	20301
	20386
	38875
Riley J P	9475
Riley N D	34621
	61231
	94090
Riley R F	4928
Riley T E	41177
Riley W F Jr	33574
	51821
Riley W S	39239
Rilly C de	6265
Rilova García	7247
Rilova Garcia F	37872
	45570
Rilstone F	64209
Rim M	2544
Rimes L	45045
Rimeslåtten H	4978
	15631
	42410
	76593
	92782
Rimington G P	3168
Rinaldi R	15263
Rinck	43345
	46708
	77513
	85513
	93649
Rincker C M	1236
Rincon A D	50196
Rinderle	67764
	76118
Rindfleisch-Sevfarth M	5376
	32393
	33165
	68085
Rindge F H	43834
	78176
	78177
	94128
Rindge J P	2074
	40890
Rindge M E	52387
Rindlisbacher W	6266
Rinecker	4241
	15919
	41670
	71894
Rinehart T M	46015
Ring	3355
	83212
Ring R	31445
Ringarp N	23653
Ringdahl O	6564
	34370
	34371
	77890
	93892
Ringen J	37403
Ringler	4382
	28015
	70841
	76119
Ringler W E	21786
	21787
Ringrose A T	42815
	45884
Ringrose R C	36814
	60102
Rings R W	6446
	6814
	77771
Ringset N	31728
Ringshausser A	76712
Ringstad S P	14667
Ringström E	41575
Ringwald F	966
	39160
	41928
Rinke E H	20585
	48319
	57121
	81498
Rinker R C	50516
Rinne P	75601
Rinoldi L	18137
	26410
Rintelen	19051
	37532
	66745
	70868
Rintelen P	5752
Rio D A del	17919
Rio Grande Valley Horticultural Institute	29902
Rio Perez A del	35656
Riollano A	57874
	65267
	89540
	90486
Riordan M	51339
Rios B B	82706
Rios B de los	58333
	82893
Rios B P B	66184
Rios G M	11704
Rios P	10177
	55486
	88667
Rios P G	57874
Riotte W R	55615
Rioux J	651
	85804
Rioux J A	85768
Ripert F	18799
Ripley P O	13874
	66676
	88513
Rippel-Baldes A	58147
Ripps J H	84539
	92759
Riquelme J	68452
Ririe D	29379
	30788
	73689
Ris J	82705
Riša V	26411
Risbec J	6483
	6736
	16737
	34538
	43222
Risbec J	68762
	78039
	85414
	85679
Risbec R	16230
Rische H	18833
	46058
Risdon E J	45989
Riseng P	25358
	44135
Riser W H	32935
Rishbeth J	11893
Rishell C A	3799
	14820
Risher F W	9557
	79869
Risi J	3727
	14986
	32140
	32141
	40445
	41584
Risinger J L	17196
	34737
Rislakki V	84348
	84368
Risley E B	90867
Riskina S R	54906
Riso R	8551
	45226
Rispoli G	18226
Risse W	78422
Risser J C	11077
Rissman B R	94573
Rissmiller W F	18440
Rist C E	18423
	54437
	54491
Rist E	19496
	63010
Ristić M	93650
Ristich S S	93796
Risueño A	26969
	45804
	87885
Risum J N	57430
Ritcher P O	77772
Ritchey G E	57247
	57248
Ritchie A	21174
Ritchie A E	61330
Ritchie D D	56710
Ritchie G R	75735
Ritchie J	51973
	83258
Ritchie J D	41496
Ritchie J L	41563
	41564
	50550
	75621
	75622
	83626
Ritchie J N	15468
	84369
Ritchie M S	63011
Ritchie R M	17479
Ritchie T E	13825
	30835
Ritchie W C	21305
Ritchie W W	8293
	62251
Rittel	3260
Ritter	15469
Ritter E	16655
	26299
	96031
Ritter E J	3599
	14854
	22623
	32142
	50601
	59032
	59110
	67141
	67201
	83659
	92005
Ritter F	21819
Ritter G J	15012
	22752
Ritter H	75008
	76120
	91526
Ritter M	56627
	80898
Ritter P	8003
	35685
Ritter W	8004
	53882
	87029
	94764
Ritterhaus W	64210
	32866
	42816
	55290
	78498
Riûmina G A	712
	20464
Riûrikov N A	39384
	47856
Rivals P	57473
	82156
	85680
Rivas Aguila G	90916
Rivas Goday S	89793
Rivasso J	22988
Rivchun M B	84698
Rivenq F	817
Rivera A	4685
Rivera A R	42573
Rivera D	35214
Rivera E	92348
Rivera E R	91719
	92107
Rivera H R	57474
	85415
Rivera M	63335
Rivera V	46325
	70803
Rivera W	8836
Rivera Anaya J D	51204
	51255
Rivera Brenes L	1436
	3933
	4505
Rivera Correa M	88080
	50550
Rivera Santos L	27844
Rivera Valiente R	4242
	18212
	41749
Rivera y Sanchez-Chaparro J L	36427
Rivero J E	1775
Rivero J M del	5990
	43267
	43346
	43347
	52034
	52129
	52187
	60590
	68513
	68514
	78040
Rivero M J	12982
Rivero Torres R	88514
Riveros J E	2876
	13136
	20996
	22352
	30120
	30121
	30122
	38612
	38740
	47788
	48877
	48878
	61079
	65475
	66414
	73885
	82272
Riveros Pasquet E	94260
Rivers D W	88724
Rivers F	5506
Rivers G W	39364
Rivers I L	25103
Rives C	88196
Rives E	1834
Riviere C M	55718
Rivière J F	18046
Riviere M	32394
Rivière S	64643
	89866
Rivinus M W	52859
Rivise C W	28278
Rivnay E	24769
	52143
Rivoire	787
Rix J C	5838
	51389
Rizga P	34103
Rizk E	15193
Rizzi A D	30150
Rizzini C T	28790
	72413
	89352
Rizzo H R	33736
	83937
Rizzo J A	76377
Rizzo S L	34864
Rizzotti A	34979
Ro I L	35515
Roach A W	64246
	64603
	81019
	81389
Roach D J	18800
	75483
	75680
	75701
	75702
	75703
	83560
Roach F	89070
Roach F A	39688
	57431
	57561
	65441
	89728
Roach H Q	45339
Roach J R	63868
	69536
Roalkvam R	67577
Roan C C	43874
Roan H M	74071
	82428
Roane C W	64498
	64556
Roark C	83226

	Item
Roark D B	59593
	76024
	76220
Roark R C	52130
	93542
Roark W L	46709
Roback S S	16738
	43542
Robak H	11894
	14391
Robaux M	19134
Robb A J D	9405
Robb C	84125
Robb C R	44335
Robb D	16433
Robb E G	59903
Robb M H	90868
Robb O J	90966
Robb T R	34200
Robb W	81502
Robberechts J J	30042
Robbins C	91209
Robbins G S	78899
	78911
Robbins H H	94790
Robbins H S	27034
Robbins P R	46497
Robbins R	76755
Robbins R E	20073
Robbins W	40197
Robbins W J	41
	20387
	28445
	39161
	80884
	80896
	81503
	89181
Robbins W W	2382
Robblee A R	5260
Robequain C	71477
Roberge L	2620
	10178
	19052
	52012
	73610
Roberson F K	65732
	74072
Robert A	43470
	43629
	70038
	92348
Robert A L	28932
	47527
	89615
	89656
Robert E	29903
	57432
	57475
Robert J	66774
	78654
Robert L	7076
Robert M	16534
Robert P	52672
Robert S A Jr	45321
Robert Gould Research Foundation	41863
Roberti D	85915
Roberton R J	33543
	76969
Roberts A	21772
Roberts A N	967
	12440
	13061
Roberts B H	19187
Roberts C	18520
Roberts C S	51990
	60473
	67396
Roberts C W	5507
	9558
Roberts D	6267
	85520
Roberts D A	64493
	72748
	81345
Roberts D C	72309
Roberts D W A	12441
	39162
Roberts E	11895
	12813
	13369
	20705
	24063
	39545
	64573
	65733
Roberts E A H	7813
	7814
	9711
	35563
	69851
Roberts E D	87197
Roberts E J	51793
	92480
Roberts E N	42907
	85059
Roberts E T	545
Roberts E W	40229
	45293
	86074
Roberts F H H Jr	2422
Roberts F H S	32774
	67670
Roberts F W	37977
	79466
Roberts G L	517
Roberts H	5508
	69687
Roberts H A	2383
	56771
Roberts H D	3586
Roberts H E	5042
	15672
Roberts H L	71707
Roberts H V	25646
Roberts I H	43223
	77629
	93870
Roberts J	94282
Roberts J B	35725
	78762
	95410
Roberts J E	30590
	49735
	66008
Roberts J G	53836
Roberts J L	21070
Roberts J M	64148
Roberts M	46422
Roberts N K	46170
Roberts P H	96138
Roberts R	43683
	73791
Roberts R A	93797
	93798
Roberts R E	76221
Roberts R H	47789
Roberts R M	57565
	60636
	95475
Roberts S H	45168
Roberts S J	4686
	15199
	51256
	51835
	84336
Roberts T	14392
Roberts V M	4506
Roberts W	65734
Roberts W B	4383
Roberts W C	6268
	6269
	16434
	24621
	24622
	52300
	93621
Roberts W J	23545
	83023
Roberts W L	32973
Roberts W M	79166
Roberts W S	35160
Robertshaw G F	36553
Robertson A	4384
	50677
Robertson A C	10521
Robertson A H	86924
	94794
Robertson B C	70611
	95090
Robertson C	52181
	52518
Robertson C E	33937
Robertson D	75335
Robertson D S	81504
Robertson D W	57010
Robertson E I	3934
	5261
	5262
	33231
	61683
Robertson E J	95298
Robertson E T	12091
Robertson F W	43543
	68768
	93893
Robertson G	23968
Robertson G L	16048
Robertson J	41088
Robertson J C H	66909
Robertson J H	73611
	90404
	90405
Robertson L	10522
Robertson L S	34902
	39295
	40716
	44327
	58258
	58334
	58335
	74601
Robertson N	72749
Robertson N F	11705
Robertson P L	43400
Robertson R	83227
	83361
Robertson R B	22560
	41405
	50551
	92108
Robertson R N	793
	12442
	62636
Robertson T C	1709
	2529
	2973
	14215
	14216
	37533
	37873
	49984
	65894
	73451
	74878
	74879
	78531
Robertson W F	70597
	87492
Robertson W H	22530
Robertson W K	58336
	74634
Robertstad G W	84745
Roberty G	11407
	64145
	64217
	72310
	89353
Robeson K A	46710
Robiano Comtesse F de	51361
Robin F	19135
	19136
	27551
	47571
	62475
	73754
	87328
Robin V	4157
	59363
Robinette F L	51392
Robins J S	82678
Robins T	27663
Robins W B	44207
Robinson B B	73488
Robinson B D	21919
Robinson B P	40096
	65077
	65735
	66010
Robinson C	65736
	90869
Robinson C B	80800
Robinson C H	11078
	19552
	89031
Robinson D	34671
Robinson D A	1437
Robinson D H	1438
	1439
	8999
	38234
	48320
	49789
	68316
	75799
	82582
	85220
Robinson D O	40420
Robinson D R	12931
Robinson D S	6243
	24623
Robinson E	47899
Robinson E C	36466
Robinson E M	22989
	42206
	43085
	85126
	93174
Robinson E W	50291
Robinson F A	16435
	28279
	60727
Robinson G	94983
Robinson G B	79306
Robinson G W	74073
Robinson H	7930
	71895
Robinson H B	87093
Robinson H F	81468
Robinson H G	86652
Robinson H L	9833
Robinson H S	16968
	17066
	24350
	52759
	60506
	68378
	77178
	77179
	85331
Robinson I S	39636
Robinson J	12219
	56906
	56907
Robinson J B D	23242
	46016
	58337
	66415
Robinson J F	5629
	24123
	62252
Robinson J L	9764
	10241
	73452
Robinson J S	92562
Robinson J W	15601
	23507
Robinson K L	24304
	38379
	77092
	86624
Robinson K M	6270
Robinson L	15797
	33087
	58890
Robinson L Jr	16231
Robinson L R	46884
Robinson P E	93936
Robinson P L	12983
	40099
	82429
	90870
Robinson R	20425
	51198
Robinson R A	2272
	35233
	78781
Robinson R E	8788
Robinson R G	48219
	73421
Robinson R N	18441
Robinson R Q	84282
Robinson R R	16102
	65182
	65183
	90428
Robinson R W	20631
	39433
	57171
	79307
Robinson T C M	38316
	71708
Robinson T J	15052
	32207
	42306
	93149

Robinson T R Item 13022, 65405, 82197
Robinson T S 6658
Robinson V B 59859
Robinson W 42584, 65710
Robinson W B 18292, 36232, 79370
Robinson W F 8733, 18273, 28178
Robinson W O 2592
Robinson W P A 73727
Robinson W S 26225
Robiony D 86113
Robison M F 35104
Robison M O 50602
Robison W L 24272, 33690, 85221, 93232, 93233
Robles G A 26929, 54699
Robles G L 11896, 11897, 82227
Robles J R 30468
Robles L 80210
Robles M 15706, 23695, 33087, 42500, 51510, 59986
Robles Gutierrez L 1237, 57030
Roblot M 34672, 59364
Robock S H 88810
Robotka F 46863
Roboz E 48182
Robson D S 56122
Robson R 18138
Robson R T 46898
Roby F 1666
Robyns W 122
Roca J 20465
Roca R 39296, 41876, 63434
Rocasolano C 968, 19053, 40979, 49738, 58604, 79460, 81175, 91336
Rocca B T 18658, 18659
Rocca B T Jr 18213
Rocca L 78178
Rocchi G 15200
Rocchietta S 26970
Rocha E G da 33232, 83793
Rocha F da 11001
Rocha G L da 22849, 42087, 48519, 57300, 67578, 75800, 84216, 85087, 85088, 92563
Rocha U F 15470
Rocha Garcia G de la 9426, 81669, 82524
Rochas P 45221, 70447, 70448
Roche 28933, 49443
Roche A T 47025
Roche D 31538
Roche J 27845, 51205, 68086, 68087
Roche L 37874, 55719
Roche M A 82431
Roche P 43835
Roche W 33891, 93799
Rochelle 26000
Rocher M L 66823
Roches E A L 26412
Rochester G H 67027, 83486
Rochester M C 10523, 46326, 80211, 95929
Rochev P A 32867
Rochmann R 15624, 23540, 36666, 51448, 51449
Rock H J 43348
Rock L F 89799
Rockefeller Foundation International Health Div 6782
Rockford Map Publishers 80396
Rockingham M 42501
Rockstein M 16158, 43349
Rockwell E M 93339, 93928
Rockwell F F 2075, 2076, 2077, 2078, 2273, 13370, 17491, 21175, 21176, 21306, 40100, 40230, 49062, 49063, 49206, 49207, 57758, 57875, 65737, 74074, 74200, 86443, 90871
Rockwell G R 88125
Rockwood L P 24351, 85681
Roda G 30339
Rodabaugh D E 92644
Rodabaugh E 44219, 86364
Rodahl K 67838
Rodale J I 49924, 63950, 66267, 66746, 74486, 77312, 82679, 85416
Rodale R 348, 13946, 21759, 35306, 40421, 47001, 64824, 80695, 82787
Rodd N W 16919
Rodda A G 10989
Rodda H F 93163
Rodda W H 88234
Rodden J R 95306
Reddy W T 9252, 45651, 79695
Rode A A 58781
Rödel E 276, 51756
Rodelo D de O 79308
Rodenburg D 14250, 28791, 40241, 49208
Rodendorf B B 60968, 60969
Rodenwaldt U 50278
Röder H L 36034
Roderer J 69956
Roderuck C 72090
Roderuck C E 55910
Rodes B C 63220
Rodet P 36035
Rodger G J 66796, 83213
Rodger J R 80528
Rodgers E E 31786, 75076
Rodgers E G 29380, 39163
Rodgers J B 76431
Rodgers J F 79445
Rodgers J M 46772
Rodgers N E 42616
Rodgers P D 8919, 78837
Rodier J 39745, 39746
Rodil Calderón T 15165, 84716, 84906
Rodin L E 19774
Roding G M 277
Rodionenko G I 2079
Rodionov P S 4098
Rodionov V I 67036
Rodionov V V 24652, 77514
Rodionovskii F K 49408
Rodney D R 39164
Rodnikov N P 19661
Rodón J M 29773, 50776, 59594, 62083, 67887, 76222, 83926
Rodopulo A K 25859, 35564, 69852, 78923
Rodot A M M 39901
Rodrian 6815, 38613
Rodrigo P A 36129, 65442, 80696
Rodrigo S 4979, 27067
Rodrigues A 73007, 73008, 73839, 82273
Rodrigues G 66338
Rodrigues Junior 54212
Rodrigues M 69957
Rodrigues R A 61232
Rodríguez A 2545, 11987, 12022
Rodriguez A H 36949
Rodriguez B 51511, 76476
Rodriguez E M 2627, 82658
Rodriguez J 74425
Rodriguez J G 6386, 34201, 43401, 43836, 60786, 77254, 77644, 85410, 85411, 86000
Rodriguez J I 7319, 42557, 51732
Rodriguez J T 81879
Rodriguez L A 74787
Rodriguez L D 56971, 77644
Rodriguez L F 85186
Rodriguez M 14217, 82657
Rodriguez M (Hijo) 27552, 89244
Rodríguez P 1436, 10179
Rodriguez W J 42011
Rodríguez Adame J 37692
Rodriguez Amieba P 507
Rodriguez Cabrera M 18801, 27846, 73234
Rodriguez del Pino R A 22225
Rodriguez García J A 4158, 35398
Rodriguez García M I 84370
Rodriguez Gimeno A 54746
Rodriguez González M 59288, 59830
Rodriguez Jurado A 66011
Rodríguez Landaeta A 47427, 81364, 89729
Rodriguez Loustau J A 33736, 59342, 83937
Rodriguez Muñoz R 91720
Rodriguez Piñedo 69627
Rodriguez Pinero J M 47002, 80697
Rodríguez Rebollo M 33332
Rodríguez Socorro A 54068, 54082
Rodríguez T R 22900, 22901, 32302
Rodriguez Z M 14213, 49985, 83118
Rodrique L 86413
Rodsky B 70135, 79107
Rodway H G 14878, 83591
Rodway S L 18707
Rodwell C N 48165
Roe A L 14549, 50336
Roe C D 63012
Roe C K 33739
Roe E I 3461, 13627, 58829, 91790
Roe E M F 51605
Roe E T 36747
Roe J 19366, 21635
Roe J E 69853
Roe J W 13601
Roe R D 14393, 22431
Røed H 28934
Roeder G 8141, 26002, 26003, 35686, 35687, 35688, 53791, 62084, 62122, 70009, 79038, 86211, 86925
Roeder H 70262

Roeder I von 23531
Roeder K D 17131 43129
Roehe R 4687
Roehm D A 33499
Roehrich O 18139
Roehrig H W 95944
Roeland C 78924
Roell L 17067 17068 17069
Roelofs G E 28016 37875 63744
Roelofs H 88515
Roelofsen P A 12142 20466 39254
Roemer L 57755
Roemer T 1123 57031 58386 78711
Roemmele 36616
Roen O 3462
Roepke M H 3615 15478 15479 15829 41859
Roepke W 11269 17132 56037 61233 68985 96219
Roepke W J 33333 51612
Roepke W K J 94129
Roesler 93719
Roessing C 29833 30001 56376
Roessler E B 25993 94630
Roetti C 4565
Roewer C F 24707
Roewer F 50926
Rof Codina J 1440 2819 3935 4385 4386 4811 5377 9559 16049 19367 33458 37404 41877 42618 44925 53883 55291 59365 61596 66079 75984 76907 79670 83927 84833 87960 92340 92341
Rogalevich M I 33088
Rogal'skiĭ A M 81880
Roganov B 94984
Rogatis R de 75924
Rogent I 8900 39747 58338 66416 74682
Roger B E 1752
Roger F W 39626
Roger J 51878
Roger J G 89354
Roger L 1167 94679
Roger M 86414
Roger W 51590 68024 92969
Roger-Métay F 6877
Roger-Smith H 13371 21177 40101 65738
Rogers A 62798 70804
Rogers A J 36130
Rogers B E 71896
Rogers B L 47884 47901 48768
Rogers C A 8031
Rogers C E 32082 63253 63745 80516
Rogers C F 44323
Rogers D J 11501
Rogers D P 278 969 11603
Rogers E 41163
Rogers F C 66143
Rogers G 71248
Rogers G E 74507
Rogers H 67922
Rogers H T 2820 30874 32208 41671 49739 58339 58469 73886 84470 89541 91337
Rogers Mrs J 21178
Rogers J B 5124
Rogers J S 20161 29591 62858 73453 96225
Rogers L N 41638
Rogers M 14219
Rogers M N 66144
Rogers M R 84319
Rogers M T 87961
Rogers N F 13875
Rogers N V 68575 77515
Rogers R H 34750 37247
Rogers R J 17309
Rogers R N 13796 49426
Rogers R T 22570
Rogers R W 7642
Rogers W J 39739
Rogers W P 4112 41848
Rogers W S 1606 90531
Rogerson C T 81116 89681
Rogge K 46017 63126 63127 72066 79967
Rogheto A 84371
Rogick F A 87094
Rogler G A 12814 64198
Rogler W 80078
Rognoni E 24624
Rogoff W M 33944 68769 68770 93472
Rogov M 51340
Rogovin Z A 70456
Rogovskiĭ A K 69854
Rogowin S 94943
Rogozin G 54579 59794
Rogozin G M 88283
Rohan J 48121
Rohde E S 74201
Rohde G 21760 21761 22066 39165 50777 66747
Rohde W 73454
Rohdenburg E L 28238
Rohlf J 59578
Rohlf J A 20653 76121
Rohlfes 4387 23243 26916 50778 59510 11443 56711
Rohlfs L 39546 55720
Rohloff M 37534 53595 63746 71897 88811
Röhm H 29381 50197 50337 56712 66962 91848 91849
Rohmeder E 31471
Rohmeder W 18833 46058
Rohne K 9956 10774 78562
Röhner J 652 12092
Rohr F W 86966
Rohr H J von 69600
Rohr R von 93987
Rohrbach F 65305
Rohrbach H 55450
Rohrbacker F C 45316 57508 65406
Rohrbaugh P W 59719
Röhrer H 22308 24414 24415 31761 41247 50224 50338 66979
Röhrig 22252 30043 31495
Röhrig E 22047
Röhrig F 33892
Röhrig H 52131
Rohrl A M 9087 9088 26724 87652 87653 95191
Rohrlich M 18140 54152
Rohs W 46864 27666 55780
Rohwer C 39166
Rohwer R A 102 5263 42558 51733 92970
Roichi C 70457
Roig J T 91668
Roig Miro J 47428 69431
Roig-Serra L 52388 36292 27283 57129 57130 60548 62730 18521 24109 91685 2593 2594 2821 21606 31039 49444 58185 66237 66417 74459 82707 82758 82834
Roisin P 482
Roistacher C N
Roivainen H
Röizin M B
Rojas A
Rojas B
Rojas D A
Rojas E
Rojas Cruz L A
Rojas Paz P 84471
Rojas Peña E de 537 20031
Rojo N A 77773
Rojti M 93027
Rokahr M 80517
Rokholt H M 1607 2080 52301
Rokhtla Kh A 33459
Roktanen L S 13756 21544
Rol 66963
Rol R 14440 20044
Rol R C 58626
Roland A E 91070
Roland F 44826 86927
Roland G 585 6677 19946 20100 47647 72864
Roland M 5896
Rolf F E 53563
Rolfe A W 8734 8778 62537
Rolfe D T 34651 69003
Rolin P 12984 57476
Rolland L 8079 16534
Rollano A 95532
Rollefson A M 9476
Rollen A 12295
Roller H M Jr 91715
Roll-Hansen J 2274 40231
Rolli A 9785 44723
Rollin J 51879
Rollin L 25104 27203 36996 52860 54935 54936 79990 95568
Rollins H A 45389 54213
Rollins M A 44436
Rollins M L 26337 26427 62422
Rollins R C 20236 28314 38411 56207 72414 81020
Rollins R Z 3139 31278
Rollins W C 15272 15408 15426 15679 15687 76044

	Item
Rollins College	63221
Rollinson D H L	23150
Rolofs E A	90967
Rolph W K	29313
Rolsted M	14719
Romadina V	75925
Romagnesi H	28710
	89466
Romagnoli A	84540
Romaine J D	22008
Roman E	6387
	22990
	93894
Román F	7931
Román F Jr	63128
Román Martínez F	18802
Romanchuk I	63553
Romanelli O	56165
Romanelli V	59366
Romanenko N N	96248
Romanini A	1238
	2822
	31009
	82895
Romanini M G	24770
	24771
Romano A H	11947
Romano E	40480
	40481
	43268
	43269
	53678
	74460
	74461
	74635
	77313
	78925
	85460
Romano Yalour J G	25952
	26004
	35768
	70010
Romanoff A L	23969
	33334
	33335
	33336
	71047
Romanov F R	23774
	29796
	53118
Romanov I	46908
Romanov V M	24394
	24395
	43391
Romanova E G	13117
Romanova I U S	43733
Romanova K V	28446
Romanova T	30438
Romanova V P	6378
	94130
Romanovskiĭ A I	33089
Romanovskii M A	82055
Romański W	23654
Romariz C	40102
	64048
	72427
Romashev P I	31010
	49740
Romashko I S	34486
Rómatif F	10775
	10776
	10777
	27317
Romatif F	28092
	46865
	63279
	71989
	71990
	88235
	88901
Rombaldi	42302
Rombauer I S	38101
Romberg L D	48896
Romberg P F	28521
Romboli B	42525
	67671
Rombouts J E	44678
	61926
Romei L	43130
Romeiks F	16436
Romell L G	50299
Romer C W	77033
	77834
Römer R	5509
	68025
Römer R R	5510
	24064
	36815
	45885
	45886
	50779
	60249
	61597
	68150
	68151
	71048
	76908
	76909
	76910
	93091
	93092
Romero C	27847
Romero F R	77035
Romero M	95344
Romero S A	83259
	83429
Romero Castañeda R	72415
	83418
Romero Fuertes I	34104
Romero Montero R	45046
	71587
Romero Peralta J	77300
	77301
	77320
Romero Perez F R	24124
Romero Quintana F	62948
Romić S	76619
Romieu A	63914
Romig G R	9089
	18047
Romijn C	42700
	51651
	76833
Romijn W	80301
Rommel C	9869
	46139
	46140
Romolótti A	4388
Romon H	9228
	44547
	45635
	46327
	46328
	63435
	80063
	88812
Romoshchenkov D D	970
Römpert W	23777
	60053
Rompietti A	1710
	57364
Romshe F A	8679
Romualdi N	88668
Romváry J	15471
Ron J	79785
Ron Pedrique A	49986
Roncati G	83928
	83929
	84541
Ronchetti G	16611
	16623
Ronchi V	10575
	19276
	21891
	37405
	71760
Roncken H	73354
Ronde F de	90406
Ronde G	49473
Rondeau M	82274
Rondini M A S de	49414
Rondon Y	56353
Rondou	19444
Rondou J	46547
	88902
Rones B	22507
	50438
Roness B	58640
Roney J N	33893
	34185
	52132
	60591
	60592
	60593
	69013
	69014
Roningen J E	54650
Ronkanen A J	14930
Rönnebeck W	19947
Rönnelid K	91620
Rønnevig G M	35840
	35841
	62046
Ronning M	62253
	7248
	15438
	59720
	59721
	75801
	76223
	76339
Ronningen T S	82056
Rönström A	39748
Ronzhin M I	20768
Roo A de	65184
Roob H	23460
Rood P J	13873
	58335
	74601
Roodenburg J W M	25556
	64825
	90080
Roof J	22226
	90872
Rook G	60599
Rook J A F	33740
Rooney J R	42483
Rooney W F	80329
Roonwal M L	6484
	14811
Roop Q W	9712
Roos M J	5187
	5188
	15751
	15752
	15840
	24065
Roos M J	60250
	76834
	76835
Roos P	46018
Rooseboom J H	68194
Roosen P	22735
Roosevelt R A	94985
Roost H	46622
Root C	86477
Root E R	11270
Root H H	11270
	34105
Root W	87654
Roote A R	54518
Roots	59367
Roots E	15201
	76836
Roper E	96118
Roper G D	74075
Roper J A	38942
Roper L	2081
	30340
	40103
	65739
	80910
Roper R B	73009
Roper S G	17277
Ropley Horticultural Society	20819
	73728
Rorholm N	27406
	27407
Rörich P R	54153
Rorison I H	21179
Ros G	6271
Ros Mariné M	46171
Rosa J de la	95533
Rosa J G de la	43224
	52133
	68453
	68454
	85418
Rosa M	72596
	72750
Rosa M de	1835
	35842
	45887
	46019
	85682
Rosa M J da	9477
Rosa T de	53674
	61982
Rosa L R la	84826
Rosado Castro L	71178
Rosales G H	83973
Rosand J	1776
	13062
	30044
	65349
Rosasco E	70413
Rosaspina M	78423
Rosati T	75926
Rosay B	16784
	34425
Rosayro R A de	13738
Rosbaco U F	29612
Rosberg D W	28792
	38815
	47429
Rosborough J F	54283
	62538
Roschier H	14927
Roscoe B Jackson Memorial Laboratory Div of Behavior Studies	23532
Roscoe M W	17945
Rosdolsky R	9857
Rose A H	29208
Rose A L	5079
Rose C J	49741
Rose D	8294
	18556
	87087
Rose D H	26607
Rose D M	22545
Rose F	209
	210
	32143
Rose F J	21180
	39902
Rose F T	14220
Rose G N	62658
Rose H	30341
Rose H A	75436
Rose H E	43606
Rose I A	59998
Rose J	45571
	88813
Rose O	17261
	44070
	44105
Rose O S	83794
Rose R C	45956
	65306
Rose R D	39627
Rose R E	58538
Rose S	49064
Rose-Christensen I	44779
	53741
Rose Downs & Thompson	70458
Rose Society of Ontario	65740
Roseau H	2823
	74636
	81283
Rosborough J F	90940
Rosebrough J J	80067
Rosecký J	13876
Rosefeldt E	44548
Rosel A	6407
Rosell D Z	13991
	30836
	66238
Rosella	38614
Rosella E	483
	1608
	1836
	11898
	17070
	20586
	29017
	40717
	43684
	47430
	57477
	61080
	89657
	90650
Rosemberg Moerël R E	22711
Rosen E	59139
Rosen H P	89730
Rosen H R	1239
	12686

	Item
Rosen H R	38615
	56434
	81881
	90269
Rosen J	27018
Rosen L	61025
Rosen S M	10180
Rosenbaum E	78712
Rosenbaum R	7932
	7933
	69958
Rosenberg A J	12299
	29484
	39045
Rosenberg D Y	484
Rosenberg G	17433
	44220
	69497
	78682
Rosenberg H	24146
Rosenberg H R	28238
Rosenberg J L	20297
Rosenberg M M	5511
	9560
	23869
	23970
	27035
	33173
	60098
	68026
	76713
	76752
	76759
	76837
	76911
Rosenberger W S	17998
	53988
Rosenblum H	26018
Rosenblum M	87962
	93093
Rosenbusch F	41878
Rosenda Velasquez B P A	30693
Rosendorf A	5692
	33741
Rosendorff H G	63169
Rosene W Jr	39547
Rosengurtt B	20706
	65185
Rosenhahn W	85193
Rosenkrantz S	59722
	59962
Rosenkranz	55121
Rosenkranz F	29904
	30045
	57131
Rosenqvist U	18506
Rosenstand T	75802
	94261
Rosenstiel R G	24961
	25066
Rosenstock G	81670
Rosenstock H A	91071
Rosenthal F R T	3752
	14952
Rosenthal H L	67805
Rosenwald A S	33337
	60251
	84890
Roser E	3753
Roshchin I L	90563
Roshchina A A	32869
Rosić K	82057
Rosický B	34711
	68716
Rosier J P	52818
	52819
Rosillo M A	77773
Rosin S	85769
Roskin G I	28315
Roslavlev V	45117
Rosmalen F van	19497
Ross A A	31154
	40832
	49742
	65407
Ross C	36233
	46866
Ross C D	80518
Ross C R	63467
	88447
Ross D C	23533
Ross D S	75508
Ross E B	76190
Ross E S	5897
	69687
	69722
	69723
	85683
	86675
Ross G	76122
Ross G R	37063
Ross H	349
	74202
Ross H D	31867
Ross H H	6615
	6916
	17176
	43131
	43930
	61314
	61315
	78282
	86093
	94200
Ross H N	94609
Ross I C	24904
Ross J	34539
Ross J E	8295
Ross J E Jr	54154
	54155
Ross J G	81565
Ross J H	3728
Ross K F A	43135
Ross Mrs M	57760
Ross M E	36533
Ross M H	1061
Ross M I	12093
Ross O B	15377
	30814
	76335
	87161
	92564
Ross O E	35843
	53989
	87095
Ross P E	21835
Ross R C	95756
Ross R H	23244
	25479
	76178
Ross S	32936
Ross S D	38821
Ross V E	10415
	56094
Ross W	11203
Ross W A	93340
Ross-Craig S	28447
Rossa B B	94383
Rossa K	52302
	93651
Rossat H	81073
Rosseboom M G	21260
Rosselet F	40521
Rossell y Vilá M	32273
Rossem G van	43225
	93473
Rossem J M van	27848
Rosset F A	59963
Rosset V	24066
Rossetti V	29382
	56550
Rössger W	2275
Rossi B	71588
Rossi C	8552
	16021
	28935
Rossi C A	11079
Rossi E A	17785
Rossi E A Jr	53679
Rossi F A	83936
Rossi G	4159
	4160
	20605
	83928
Rossi J	93800
Rossi L	47431
	56435
Rossi P	4688
	76378
Rossi P F	8303
Rossi Q	71662
Rossi R P	38047
	83930
	94734
Rossi S	2974
	57301
Rossi U	27204
	57399
Rossi-Doria M	10524
	27849
	80397
Rossi-Ferrini M	25860
Rossi Lema L	15472
	23351
Rossi Stajano M	2588
Rossier A	38069
Rossiter F J	44404
Rossiter R C	48051
	49483
	65186
Rosskothen P	60870
Rossler	67983
Rössler P	73235
Rössler W	47278
Rossman E C	20587
	29613
	56890
	57132
Rossmässler W	31472
Rossner F	53990
Rosson R	51134
	80519
Rossou J	32695
	42124
Rossouw G J	27553
Rossouw S D	79753
	87267
Rost C O	58340
Rostberg M G	61230
	77251
Rostenbacn W K	59795
Rostigaev B A	61303
Rostirolla D P G	11706
Rostos G M	70658
Rostovtšev N F	23151
	32560
	76477
Rostovtševa Z P	47790
Rostrup F	51551
Rosvall S	72416
Roswall G	34106
	36467
Rota P	94179
Rote J Jr	14729
Rotgans G E	18727
	63064
Roth A G	53742
Roth A R	6542
	16700
	34350
	43518
	77891
Roth B A	3081
	3770
	74880
Roth C	40592
Roth C O Jr	43807
Roth E R	64500
	72751
	89658
Roth F L	71088
Roth H	8735
	8736
	26467
	26468
	35565
	54284
	54285
	54322
	71898
	84324
Roth H A	95839
Roth I	81444
	90081
Roth L M	16624
	34278
	52820
	52861
	68798
	69015
	93929
	93930
Roth L W	15956
Roth V	37978
Roth V D	43132
	77645
Rothacher J S	73098
Rothamsted Experimental Station	64094
	96246
Bee Dept	68578
Rothansl H	47432
	48811
	49065
	82139
	82157
	90532
Rothbauer T C	71049
	79870
Rothe F J	40361
Rothe G H	8079
Rothe H	47791
Rothe H H	87009
Rothe J H	48587
Rothe W	17635
Rothenbuhler W C	24625
	68577
	93652
Rother J E	36816
Rothermel F	37979
Rothermel W A	3936
Rothery A E	57761
Rothhaas A	6272
Rothkegel W	46591
Rothmaler W	12220
Rothman A D	74076
Rothman B	72142
Rothman H	5512
Rothman M	87096
Rothrock C W Jr	22663
	32100
Rothschild G	17579
Rothstein F	60871
	77743
Rothstein N	32341
Rothwell M L	2276
	80008
Rothwell N	12174
Rothwell S R	21181
Rothwell W	83548
Rothwell W H	46592
Rotin A	39297
Rotini O T	9478
	74462
Rotmistrov N G	21762
Rotor G Jr	12175
Rotov I V	4161
Rotsch A	79615
Rotshtein V A	27154
Rottembourg	21892
Rottensten J	18605
	19498
	55860
Rottensten K	83715
Rotter G E	91492
Rotterdam Kamer van Koophandel en Fabrieken	25652
Rotterdamscne Bank	36036
	38048
Rotterdamsche Bankvereeniging	36997
Rottgardt A A	15202
	15203
Rottier J	31446
Rottin B	14567
	31846
Röttinger A	46970
Röttinger A C	25678
	44600
Rottman W	92180
Rottmann	50339
Rotty R	83260
Rötzer A	87030
Roualdes G	46711
Rouanet G	18884
Rouart S	350
	20588
	28793
	28794
	47433
	81882
	86182
	86183
Roubal J	43471

	Item
Roubaud E	6565
	60970
	77892
	85770
	93895
	93896
Roubaud M	6273
Roubert	78869
Roubicek C B	4389
	15310
	43018
Roudier A	81671
	85684
Rougeot P C	6816
Rougerie	48520
Rouget P	4689
Rouillard G	12886
	35566
	63129
Rouilliet G	86234
	86498
Rouir E V	17582
Rouisse E	96156
Roule F	12664
Rouleau J	50439
Rouleau L	27284
Rounce N V	88689
Round H Y	40104
Round J	13372
Rounds C E	51041
Rounds M B	90082
Rountree J I	89032
Rouquette A	69648
Roura L	34107
Rourke J D	36837
Rouse A H	8920
	87366
Rouse J T	87298
Rousseau	35567
	52303
	57133
Rousseau J	1837
	38478
	39167
	64212
	64213
	80927
Rousseau M J	44780
Rousseau P	44005
Rousseau P M	18660
	18661
	45805
	62949
	70989
	87886
	87887
	95354
Roussel C	81176
Roussel G	1609
	3536
	15305
	37980
Roussel J S	52044
	77256
	78278
Rousselot P	70459
Rousselot R	6388
Roussignhol C	31404
	31447
Roussineau A	62731
Roussy L	2494
	5898
	13721
	30694
	43350
	77980

	Item
Routh C A	7100
	78465
Routhe H G	10382
	10404
	10405
Routledge G E	42559
Roux D G	83640
Roux E	56908
Roux E R	2384
	12443
	12444
	12445
	29383
	56909
	81672
Roux J	93158
Roux M	84126
Roux P	59231
Rouy	45674
Rouy H	11002
	18574
	36534
	51880
	79671
	94550
Rouyer R	77516
Rovel M	13118
Rovery M	59964
Rovesti P	36172
	45806
	87888
	87889
Rowaan P A	14111
Rowan K S	56837
Rowan M	68757
Rowbottom J D	19183
	27743
	88589
Rowe G A	79057
Rowe J	9331
Rowe J A	61022
	93909
Rowe J Z	27306
	37612
	44549
Rowe L	7428
Rowe P A	9090
	45446
	54677
Rowe P B	21636
	21965
	40593
Rowe P O	44601
Rowe R	44271
Rowe S C	35307
	69643
Rowe T J	6274
Rowe T P	4882
Rowe V K	85461
Rowell J B	11806
Rowell J D	94540
	94541
Rowett H G Q	93126
Rowinski P	4918
Rowland F E	17197
	69134
Rowland J L	44259
Rowland J W	80314
Rowland H B	58864
Rowland S J	48262
	48407
	51086
	75748
	78989

	Item
Rowlands A	8005
	26005
	53796
	78780
	79005
Rowlands I W	15666
Rowlands W A	27916
	84008
Rowlette M	29861
Rowley B	8737
Rowley G D	11502
	13373
	20178
	29384
	49066
	65307
	65741
	74077
	82430
	90873
Rowley M	82431
Rowntree J	63930
Rowntree J I	55896
	72117
Rowntree L	2082
	2083
	13374
	13375
	40105
	49067
	49068
	74078
	74079
	82432
	90874
Rowntree R	9561
Rowse A L	38235
Rowsell J	9091
	40718
	69359
	78466
	94369
Rowson L E A	4260
	59503
Rowzée R	9611
Roxas M L	29862
Roxburghshire Agricultural Advisory Committee	33616
Roy A	15473
	22776
	67672
Roy A R	87268
Roy B B	91210
Roy B K D	14963
Roy D K	19580
Roy E P	71050
	71051
Roy G	95411
Roy J B	42817
	68027
	68152
	68153
	80580
	95412
Roy J H B	4438
	23187
	51084
Roy J I	26413
Roy K	76912
Roy M	1240
	20021
	39107
	47996
	58866
	90026

	Item
Roy N K	92255
Roy R	41750
	85821
Roy R P	89865
Roy R S	2824
	13023
	13024
	68846
	90968
Roy R Y	89659
Roy S C	19054
	63130
	94950
Roy S K	38926
Roy S M	94526
Roy W R	45447
	62561
Roy Wenzlick & Co	71744
Royal T L	67765
Royal Agricultural Society of England	34794
Royal Agricultural Society of Natal	10778
Royal College of Veterinary Surgeons	4162
	75927
Royal Dublin Society	51897
Royal Entomological Society of London	43133
Royal Guernsey Agricultural and Horticultural Society	23152
Royal Horticultural Society London	29905
	73755
Royal Institute of International Affairs	71435
Royal Institution of Chartered Surveyors	10181
Royal Jersey Agricultural and Horticultural Society	4390
	32869
Royal Society of New Zealand Science Congress	71991
	75083
Royer J	24894
	44550
Royo Iranzo J	63951
Roza M	4690
	92645
Rozanov A N	2643
	30838
	91258
Rozeboom L E	16783
	43596
	68799
Rozen B A	8553
Rozen J G	16920
Rozen J G Jr	78041
Rozenberg V A	31729
Rozenfel'd E L	39259
Rozenfel'd L M	48052
Rozenfel'd P M	78926
Rozès O	7815
	35568

	Item
Rozhalin L V	2277
Rozhdestvenskii I G	40719
Rozhdestvenskii M	90298
Rozhin N	41352
Rozhkov D S	91978
Rozhkov V S	93474
Rozhnov D I	42470
Rozman D	37693
Rozov S A	24626
	34108
Rozsa G	38943
Rozzi U	4391
	41751
	51135
Rtskhiladze I T	73875
Rubaj B	24308
Ruban E L	81552
	81673
Rubanov B V	22353
	75336
Rubashov A B	40720
Rubat du Mérac M L	38415
Rubattel	88407
Rubber Grower's Association	2495
Rubber Manufacturers Association Crude Rubber Committee	71086
Rubber Research Institute of Malaya	351
	36854
	38741
	95454
Rubchich L	32052
Rubel D	61777
	83931
Ruben W	21182
Rubenkov A	84372
Rubens E	14839
	67224
	75681
Rübensam E	74532
	90208
Rubensteln R M	61806
Rubenstruck	60054
	15753
	51552
Rubia A C	12580
Rubia Pacheco J de la	58546
	66682
Rubião J V A	45227
Rubidge S H	46938
Rubin B A	11899
	12547
	12548
	20467
Rubin H	5032
	5057
Rubin I A	36535
Rubin M	37064
Rubin R	76562
Rubin S M	30123
Rubin S S	20707
	91268
Rubinate F J	61812
	86612
Rubinshtein G	55000
Rubio Á	37065
Rubio-Fuente A	36037
Rubio Paredes J	60174
	85060
Rubner	14470

	Item
Rubner K	22192
	50279
	66929
	91686
	91687
Rubtsov A M	31730
	57478
Rubtsov I A	85865
Rubtsov V	41248
Ruby E S	32666
	39548
	54778
Ruby F	11308
	80815
Ruchman I	22991
Ruckes H	77981
Ruckstuhl	77517
Ruckstuhl C	94986
Rud O E	57306
Rudakov B I	11900
	32395
Rudakov G	79754
Rudakov G F	7158
	34903
Rudakov I F	38356
Rudakov K I	13812
	21567
	66212
Rudakov V E	64150
Rudakova E	27554
	62123
Rudakova I I	32991
Rudall K M	94559
Rudd G F	87963
Rudd R W	79672
	95302
Rude	3937
	69276
	74637
Rude J C	5375
Rüdebusch	41752
Rudel E	94451
Ruden T	3320
	58794
Rudenko A I	48053
Rudert K	13992
Rüdiger W	64689
	72597
Rudman S	56664
Rudnev D	33895
Rudnev D F	25067
	33894
	77774
Rudnick A	6614
Rudnick E S	36038
Rudoĭ A I	971
Rudoĭ M	35910
Rudolf J	85271
Rudolf K	46329
	80339
Rudolf P O	22354
	43837
	50340
	83419
Rudolph A	86275
Rudolph E D	72940
Rudolph L	62732
Rudolph W	8296
	25359
Rudorf W	485
	38742
	38989
	39784
	47058
	57032
	64690
Rudorf W	74202
	81883
	82158
	90564
	90651
Rudra B B	91210
Rudra M N	81774
Rudramurthy B	71899
	71992
Rudulph Mrs C M	13376
	21183
Rudy R L	41858
	92760
Rüe E A de la	22193
Rueda Ferrer F	12985
	19701
	20388
	25861
	46939
	66239
	87269
Ruef J U	82228
Ruegger R	74389
	74390
	77982
	82638
Ruehe H A	25953
	86967
	87010
Ruehle G D	19846
	57509
	66418
	74080
Ruehrwein R A	74436
Ruf W	69855
Ruff D G	7816
Ruff J U	1777
Ruffaldi G B	1241
	1667
	58087
	74437
Ruffinelli A	24726
Ruffo F	55001
Rufin G	20589
	29614
	42012
	54580
	80316
Rufinelli A	5890
Rugaber J W	94864
Ruge J	10182
Ruge U	56910
	82058
Rüger R	58782
Rugg H G	28628
Rugg J S	63065
Ruggieri G	67
	416
	21981
Rugland E	96009
Ruhe D	4163
Ruhe T	46113
Ruhler O	75191
Rühl A	40482
Ruhland W	64826
Ruhlmann	65268
Ruhloff M	972
Runmann Grain & Seed Co	20508
Rühmann R	95038
Ruhnke G N	74203
Rui D	2975
	14112
	21893
	28795
	28796
	28936
Rui D	31155
	33896
	34279
	47434
	47648
	48722
	56165
	66565
	68694
	68986
	68987
	77775
	78179
	81177
	81178
	81179
	85685
	89542
	94131
Rui H	98
Ruijter A de	55122
Ruiseñada Conde de	92481
Ruiter D de	11707
	45205
Ruiter G de	13414
Ruiter L de	21214
	61234
	94132
Ruiz J L	42303
Ruiz Mme S L	3938
Ruiz Colmo H	18141
Ruiz de Assin A	44583
Ruiz Martínez C	15204
	83932
	92263
Ruiz Santaella J	28093
	42207
Ruiz Vadillo E	1441
Rule G K	31186
Rumbaur A	4363
	4377
Rumble W E	55078
Rumcker J von	70842
Rumfantsev G I	82059
Rumfantsev N	26226
Rumfantsev V I	91169
Rümker J von	87821
Rümker R von	11901
Ruml J	51898
Rummell L L	35741
	80520
Rummell R S	3578
	12094
	82583
	91072
Rumor M	71478
	88814
Runciman D	67941
	92823
Runckel W J	22696
	75667
Rundfeldt H	81505
Rundlett E	74081
Runefors O	92708
Rungby S	203
Runge S	22992
	23655
	84693
Rungs C	25068
	61160
Runk	60728
	93653
Runk A E	30342
Runk H	17279
Runkel R O H	14931
	14987
	15031
	59076
	92154
Runnells R A	85243
	92761
Runnels T D	23868
	23870
	23871
	42619
	42620
	92971
Runner D K	64644
Runov E V	8297
	45047
Runquist E	75246
	91850
Runquist E W	12176
Ruoff F	94295
Rupert L R	16982
Rupf H	14471
	14644
	50341
Ruplosky I	23558
Rupp E	34865
	58341
	92972
Rupp F	6817
Rupp G	23461
	76148
Rupp H	93918
Rupp H M R	56235
	80781
Rupp J	85415
Rupp R G	7172
	17890
	23778
	35689
	35911
	36817
	51042
	53275
	59232
	75928
	76485
Rupp V R	9360
	31312
Ruppel R F	43685
	77983
Ruppen K	51734
	93094
Ruppert A	7817
	9092
	9093
	26725
	86804
	87655
	87656
Ruppert J	21184
Ruppert K	58524
Rupprecht H	21185
	49069
Rural and Industries Bank of Western Australia	63254
Rural Bank of New South Wales	46114
Rural Reconstruction Association	71478
	46867
Rusakov G	10328
Rusakova A A	89660
Rusanov F N	28440
	38387
Rusch H L	79080
Rusch H P	82723
Ruschel E	96010
Ruschmann G	40582
Rusden P L	75366
Rush H	90875
Rush H G	72417
Rush J D	34741
	61331
Rush J H	28449
Rush M	73973
Rusiashvili I L	25069
Rusk H W	26665
Ruskol A A	37535
	37682
Rusoff L L	15533
	23245
	32629
	42208
	53941
	76123
	76179
	76224
	76225
Russ D F	83391
Russ J Jr	16039
Russakovskiĭ E	40852
Russchen J	58605
Russel	81086
Russel E W	2530
Russel S P	79755
Russell B W	86602
Russell D	13993
Russell E E	34280
	34487
Russell E J	41085
Russell Sir E J	56436
	81180
Russell E W	40721
	66145
	81674
	82933
Russell F	3547
	49809
	92035
Russell G C	49481
Russell H D	52367
Russell H G	45636
	90407
Russell H S	9870
Russell Sir J	352
	7440
	13877
	47435
Russell J A	50522
Russell J C	35189
Russell J S	10183
	15205
	18522
	32274
	32396
	40422
Russell K N	42304
Russell M	3082
	27555
	33635
	58470
Russell M A	973
Russell M B	40197
	66146
Russell P F	74677
	6616
Russell R	2385
Russell R B	80581

Russell R C 28937, 47436, 48054, 64516
Russell S G C 61235, 86001
Russell W 2877
Russell W A 13504
Russell W C 10779, 68028
Russkikh A P 32990
Russkov E I 77518
Russo E 1930, 84542
Russo F 20237, 48055
Russo G 16739, 85420
Russo H 95873
Russwurm X 2496
Rust G 82525
Rust I 46115, 46868, 71298
Rust J H 67429, 87925
Rust L O 80644
Rutenburg A M 15175
Rutengänger H K von W 20389
Ruter G 77776
Rüter R 9094, 87657
Rüters P 8298
Rutford S 19368
Ruth M J 7818, 7819
Ruth P W 43608
Ruthe H 59987
Rüther H 40767, 65187
Rutherford D M 30002, 48757, 65408, 73792
Rutherford J 4507, 63222, 80302
Rutishauser M 50552
Rutkowski W von 41106
Rutledge C H 87270
Rutledge G C 80840
Rutledge L F 21186
Rutledge L L 71966
Rutledge M D 88236
Rutqvist L 5060, 23633
Rutschky C W 61236
Ruttan R A 86117
Rutten J 63097
Rutter E J 14089
Rutter J 68338
Rutter J V S 51410, 51411
Rutter R 14645
Rutter W J 79039
Rutti R 88590
Ruttner F 6275, 16437, 34109, 34110, 34111, 34112, 34113, 52304
Ruttner F 52305, 52306, 60730, 77519, 77520, 85521, 85522
Ruttner H 60729
Ruty O 69135
Ruuber E 44926
Ruyle E H 17891
Ruys D J 30343
Ruys M 30343
Ruys M C H 74082
Ruys T 30343
Ruzaev K S 77257
Ruzhitskiĭ S 61540
Ruzin B 61556
Ruzin O M 19137
Ruzinov P G 13611
Ryall A L 62539, 87456, 87457
Ryan A F 25139
Ryan A S 27155
Ryan B 55616
Ryan D M 31205, 78689, 94411
Ryan E A 15602
Ryan F A 15920
Ryan F J 56911
Ryan G 38256
Ryan J C 7512, 9834
Ryan J J 40106
Ryan M 40768
Rybakova M I 12221
Rybalkina A 58148
Rybalkina A V 74487
Ryberg B A 54156
Ryberg M E 22691, 41593
Rybin B 35105
Rybin B A 14472
Rybnikov I I 42910
Rycke de 12815
Rycke E de 1442, 39840, 65026, 82433
Ryckman R E 16860, 24905, 52673, 68847, 77926, 77927
Rydă K 25240, 78605
Rydberg C 84008, 93140
Ryde H 23352, 59511
Rydén N 34372, 34373, 77893
Ryder W E 74083
Ryerson G E 14221
Ryf E 61983
Ryff F 5693, 42209, 68257
Rygg G L 26563, 45398, 62571, 62572, 70612, 79461, 87458, 87459, 95091
Rykachev P I 41398, 41424
Rykaart M C 3083, 95914
Ryker D 66098
Ryker T C 486, 13550, 13566, 13568, 13612, 13622, 13625, 68455, 74317, 91006
Rykovskiĭ P I 29775, 32667
Ryle G B 50225, 66822
Rymashevskaîa R S 24627
Rymer K W 3321
Ryncarz A J 67608
Ryndin N V 30003, 57510
Rynkiewicz L M 19521
Rypma R B 73236
Rys L 59077
Ryser F C 79000
Ryser P 49070
Rystedt G 75285
Ryti R 40462
Rytz W 28499, 90876
Ryvkin B V 34281, 61135, 68456, 94133
Ryzhei I 56752
Ryzheĭ I P 12222, 47857, 64691
Ryzhen'kova E 90602
Ryzhikov D P 90408
Ryzhkov V L 29018, 38822
Ryzhkova V I 23246, 29018
Rzhanova E I 39168, 39169
Sa C 7249
Sá F V de 9229, 62047, 62048
Sa J M de 3084
Sa P 22736
Saakian S S 35016, 35017, 35018
Saalas U 24772, 77777
Saaltink G J 12049, 68771
Saar 26052
Saar J 8080, 17911
Saarinen A 25013, 25014, 25015, 25016
Saarinen P 15354
Saarman E 53255, 61598, 78400
Saarnio J 14936, 32178
Saatçioglu F 39170
Saathoff 1668, 29952
Saavedra R 67984
Saavedra Lopez A 91922
Saba B 33742
Saba J 79889
Sabatin E IÛ 20904
Sabattini J L 22227, 39689, 58721
Sabba J 63038
Sabella L J 13790
Saber A H 81399
Sabet K A 11974, 64539
Sabharwal L R 14178, 14553
Sabin A B 34374
Sabin A R 18662
Sabio Mora J 5513
Sabir V A 30592
Saboe L C 2386, 64501, 82101
Sabourin L 49071
Sabroe A S 31496, 65518, 65577
Sabrosky C W 24853, 43544, 60971, 77894, 77895, 77896, 93341
Sabrosky L K 55781, 72007
Sacantanis K 52573, 68772
Sacca G 43545, 60972, 93897
Saccardi A 82288
Saccas A 38743
Saccas A M 11902, 47348, 47572
Sacchi G 3633, 31448, 74788
Sacchi L 66268
Sacchi R 34114
Sacco P 4164, 15474, 17999, 35844, 37406, 51735, 51794, 59368, 62085, 69959, 75985, 79768, 84127, 85061, 94865
Sacco T 9479, 26971, 36748, 45807, 87890, 87891
Sacco V 35845, 44819, 51257, 62254, 70263, 87097
Saccol A 13778
Sachli S N 75275
Sachs 10329
Sachs 73612
Sachs E 57302, 57303, 65188
Sachs H 16505, 55595, 77646
Sachs H G 85589
Sachs M H 26469
Sachs R 38008, 52984, 55940
Sacht H J 59033, 92077
Sachtleben H 68379
Sachtschale R 66419
Sack H 31968
Sackmann R 9957
Sacks I M 10216
Sackston W E 57114
Sacktor B 34375
Sackville-West V M 57762, 74084
Saco Lanfranco P 88408
Sacomandi A M 52307
Sacquet E 76379
Sacre E 2737
Sacristi H 86533
Sadakane A 39171
Sadana J C 17685
Sadasivan T S 95133
Sadeh D 24628
Sadgopal 41585, 45808
Sadie J L 46597
Sadler A M 26195, 26196
Sadler F W 76124
Sadler R N 75544
Sadler W 6276
Sadovnikov I F 49925
Sadovnikova N 59808
Sadun E H 42701
Sadykov S IÛ 73887
Saeden U 32164, 59119
Saeger de 88237
Saeki Y 41673
Saeland 29776
Saeland J 42210, 42909, 51795, 71269
Saenger O 24215, 85159
Saenko N F 35569
Saez de Montagut J M 26972, 26973
Saez Sobrevilla M 91621
Safar J 29385, 31731, 75286
Safeeulla K M 38744, 72523

	Item
Safford J	10914
Safford J W	23353
	50894
	67397
	67398
	67399
	76563
	84373
Safina G	54235
Safley C E	67582
Safonov A G	43225
Safonov N	33019
Safonov V	35083
Safran B	62653
	73864
Safranek	5189
Safronov G P	90071
Safronov I U V	69202
Saftenberg F	73888
	73889
Säfverstam Z	89355
Sagaidak I N	57877
Sagalovich E N	90969
Sagar H	87198
	94947
Sagar V	10368
	88546
Sager A	96080
Sager F	15665
	76630
Sager O S	26195
	26196
	79040
Sager R	20238
Sagitov A V	41889
Saglio H	92912
Sagne J	5004
	77036
Sagreiya K P	14558
	14575
	58795
Sagrera M	9480
Sagrera R G	90575
Sah P P T	73221
Saha A N	8554
	18142
Saha B	38913
Saha J C	89543
	90270
Saha J M	46020
	95534
Saha P K	45228
	94987
Sahadevan P C	66421
Sahasrabudhe V B	91330
Sahl	82060
Sahi E	49743
	65189
	82940
Sahoo B N	4691
Safapín V	94554
Said G E	62423
Said M	23063
Said M F	59965
Said M S	23295
Saigo S	86805
Saikia B	14963
Saila S B	86117
Sailer R I	6689
	24854
	85866
Sailly J de	38049
Sain K	2976
Sainclivier	78927
Sainclivier M	18312
	64645
Saingt O	70225
Sainsbury G O K	38500
Sainsbury	64268
Saint Sir J	48633
Saint-Albin F de	68695
St Andrews	35215
St Augustine Trinidad Imperial College of Tropical Agriculture	28280
St George R A	34712
	52897
	78283
	93501
St Germain J S	67953
St John H	162
	28600
	56236
	72418
St John J L	78782
St Louis Merchants' Exchange	79616
Saint-Martin L	12665
	12666
	57134
	82061
Saint-Martin M	7548
Saint-Ollier	23779
St Paul and Tacoma Lumber Co	3285
Saint Paul Union Stockyards Co	45675
St Pierre A	15657
	92824
St-Pierre D	87011
St Pierre E	23941
St Pierre L N	42013
	76380
Saint-Py P	13377
Saint-Quentin	71709
Saint-Quentin M	5080
	8738
	12667
	25954
	29777
	31313
	39549
	39550
	49210
	57365
	57976
	78467
	86276
Saint Rat L de	2595
Saintclair P	10780
Sainz F	28017
Saitama Agricultural Experiment Station	29000
Saitner M	62255
	70011
	70136
	70137
	87012
	87013
	87014
	87098
Saito H	92098
Saito J K	4899
Saito K	50678
	57763
	81506
Saito M	38721
	63869
	80928
	81021
Saito S	88238
Saito Y	50198
	50448
	84374
Saitoh K	16625
	17071
Saiz Moreno L	42211
	60594
	68258
	77258
Saja F	9882
	18834
	31156
	31449
	55079
	81831
Sakagami S	16931
Sakaguti K	50342
Sakai M	33062
Sakai S	93543
Sakakibara M	85817
Sakamoto H	52871
	86066
Sakamoto M	91237
Sakamoto T	86071
Sakanoue T	91897
Sakata K	49371
Sakharov I	35019
Sakharov I M	31732
Sakharov M D	41374
Sakharov M I	22397
	47724
	64827
Sakharov M K	20951
	20953
Sakharova N M	22397
Säkk K	19499
	55045
	71216
Sakovich V	25955
Saks E V	3669
	3670
	14879
	22508
	22571
	22624
	58898
	59034
	75566
	83592
Sakshaug B	39496
Sakurai J	19581
	55941
Sakurai K	211
	47316
Sakurai N	76654
Sakurai T	32118
Sakurai Y	26741
	26980
	28239
	64940
Sala E	9562
Sala G	42212
Sala R	72752
	85867
Sala Roca E	7513
	9095
	9230
	10444
	10525
	10526
	14113
	29615
	40833
	45572
Sala Roca E	45809
	46081
	46548
	46712
	46713
	55292
	60103
	63223
	63436
	71480
	79824
	85291
	88409
	95039
Salah A A	16701
	43519
Salakhian E A	29386
Salaman R N	36131
Salamanca M A	1299
Salamun P J	20179
	47279
Salas F L A	25060
	94079
Salas Llopis R	45294
Salas Silva M	55782
Salaschek H	77897
Salati W	44820
	70012
Salazar E	60494
Salazar R P	39385
Salazar Moulia Z	13505
	57878
Salby C	2084
Salcedo J Jr	55878
Salces F	75929
	84625
Salcines Lopez J L	85062
Saldanha M da S	20590
Saldarelli R	50343
Saldarriaga B F	83345
Saldivia F	55876
Sale C L	84128
Sale J W	69856
Sale M	36208
Sale M L	70613
Salegard A J	7675
	18649
Saleĭ P I	33743
Saleix C	53680
Salerno A	4392
	4393
	4394
	4395
	4396
	4397
	4812
	5630
	5631
	9310
Sales F	51872
Sales P	63013
Saletore S A	70902
	70932
	70997
Salewski H	17942
Salgado M L M	21545
	21763
	31011
	66420
	91546
Salganskiĭ A A	50963
Salhuana S A	59221
Salim P B A	74419
Salinas J G	9683
	71144
	95535
Salinas L	79968
Salisbury Sir E	1669
	39690
Salisbury E J	10184
Salisbury G	27285
	47039
	52134
	59233
	71589
	88815
Salisbury G W	44781
	51043
	51044
	51069
	53788
	67516
	76008
	76080
	78976
	79041
	84148
	92482
Salisbury R M	23985
Salisbury S M	51171
Sallans H R	9503
	26726
	95192
Sallee E M	62950
Sallee R M	61124
Sallenave P	83549
Saller K	58562
	72144
Saller W	17804
	86819
Salleron L	70460
Salles C	18339
	25736
	61868
	69711
	70655
	70660
	78838
	86665
Salles J M	284
Salmerón A R A	43490
	60893
	68718
Salminen W A	91835
Salmon J T	43931
	86094
Salmon S C	12668
	57135
Sal'nikov A	26106
Sal'nikov E	37752
Sal'nikov N P	69172
Sal'nikov P	4813
Salo M	27744
	80109
Salomon	91573
Salomon G	79890
Salomon R	83528
Salomons R	27850
	71710
Salomonsen F	41012
Salonen M	2825
	57304
Salouros T	11271
Salt G	60516
Salt R W	43895
	69004
Salt Lake City Mosquito Abatement District	85823
	85824
Salter R	58525
Salter R G	35048
	44872
	53231

	Item
Salter R G	53276
	69066
	69373
	69403
Salter R H	74881
Salter R M	2687
	19786
	21406
	40594
	40891
	46342
	47127
	49987
	55994
	71481
	74813
	74882
	83119
	91493
	91494
Salter R N	40722
Saltman P	73314
Saltonstall L	48379
Saltonstall L Jr	48521
Saltroe T	73237
Saltykov A A	23247
Saltykov F I	50745
Saltykov G K	57906
Salunkhe D K	79486
Salutini E	84543
	84544
	88258
Salvador A N	86806
Salvador A R N	83933
Salvador J M	80782
Salvador Ministerio de Agricultura y Ganaderia	66823
Salvador y Ascaso J M	38236
	55293
	71482
	72208
	89125
Salvadori	57305
Salvat P	85063
Salvaterra G	1838
	61237
Salverson C A	95848
Salvy C	21187
Salwin H	17570
Salyi J	4692
	84700
Salzarulo F	51936
Salzgeber B	15853
Salzer E H	64828
Salzer H	50572
	67182
Salzig G	75032
Salzmann	75255
Salzmann R	21307
Samad A A	66421
Saman J	87892
Samarakis B A	17790
	17791
	35570
	35571
	61984
Samarakis M B A	8648
Samat	50233
Samat M	5190
	5191
	5192
	5378
	5379
	5604
	15754
	23872
	23873
	33338
	33460
	35984
	35085
Samat M	40980
	42621
Sambell P M	42944
Samberg A	95817
Samberg Y	84854
Sambergs A	9786
	46116
	55036
	75437
Samborski D J	48111
Sambrook J	9731
Sambrook P M F	32699
Samec M	25618
Sameshima J	13378
Samibekov P V	23696
Samide J	3463
	22355
	52480
Samis G K	15755
Samisch Z	26485
Samkalden I	80212
Samkovich T I	42910
Sammartano G	50344
Sammet L L	18299
	87419
Sammons E C	50226
Samochetov V F	62687
Samoilenko N F	44006
Samoilov I I	58342
Samoilov P A	36039
Samoilov P P	33596
Samoilovich E N	61081
Samoilovich G G	58830
Samokhin N	44221
Samokhvalov N F	32463
Samokhvalova G V	6678
Samolevskiĭ I IA	1242
Samosadova K IA	22398
Sampaio A S	85182
	85292
Sampaio J	28658
	81074
Sampaio R S	36040
Sampat D V	8555
Sampath A C	29198
Sampath S	89867
Sampedro J L	9487
Sampey J J	62256
Sampford M R	56771
Sampier J	9287
	23065
	62799
Sampietro G	20591
	29616
	74789
Sampsell B	10781
Sampson A W	29778
	82062
Sampson D K	40107
Sampson J	16097
	51258
	59723
	76381
	84375
	85266
Sams H E	50069
Samset I	14755
	31886
	41353
	66964
	75287
Samson C F	58343
	74638
Samson E	18467
Samson J M	79756
Samson S	39409
Samson T	14932
Samsonenko G	69308
Samsonov A	27177
Samsonov A V	88081
Samsonov G	34795
	52985
Samsonov G N	34796
Samsonov L F	10330
Samsonova A	34856
Samsonova N	7077
	31157
Samtleben W	22810
Samuel B L	68515
Samuel E	24629
	66566
Samuel L	27556
Samuelides S J	12711
Samuels G	21603
	49833
	58344
	66213
	74639
	81675
	81676
Samuels J K	8739
	8799
	18354
	36219
	69590
	79380
Samuels L T	4600
	63915
Samuelsen H P	30344
Samuelson D	14744
Samuelson O	3699
	8469
Samŭilenko F A	91967
Samundri B S	27260
Samvirkende Danske Landboforeninger	59512
Samvirkende Jydske Husmandsforeninger	84016
Husdyrbrugsudvalget	
Samvirkende Jydske Husmansforeninger	81507
Planteavlsudvalget	
Samvirkende Kvaegavlsforeninger med Kunstig Saedoverføring	15311
Samvirkende Landboforeninger i Fyns Stift Planteavlsudvalget	38990
Samvirkende Sjaellandske Landboforeninger	71993
Samweber A	59014
Samygin G A	12446
	20905
	39172
San Agustin L	35216
San Basilio J L	55417
San Buenaventura P	22160
	41013
San Diego Cooperative Poultry Association	87964
San Gabriel G L	5839
San Juan Zapatero A	41879
San Luis Valley Potato Admin Committee	36198
San Martin M	5607
San Miguel J	5380
	42702
	68088
Sanabia Ortega A	92342
Sanahuja J C	78720
Sanborn L D	52574
Sanborn N H	31012
	40834
	40835
Sanchez M	59513
Sanchez M	76125
Sánchez P A	74640
Sánchez S J J	3322
	44239
	71900
Sánchez Belda A	59796
Sanchez Buedo E	49744
	56437
Sanchez Calvo M del C	58496
Sanchez Carrillo A	53430
Sanchez del Aguila M	8556
	18143
Sanchez Duarte J	55294
Sanchez Faba F	89245
Sanchez-Garnica C	92467
Sanchez Gavito X	92635
	72221
Sanchez Gonzalez F	89142
	73618
Sanchez Hernando F	16022
Sanchez Macia B	67579
Sanchez-Monge E	73455
	80735
Sanchez-Monge Parellada E	81884
Sánchez Moreno E	79371
Sanchez Neira M	17792
Sánchez Potes A	487
	11903
	11904
	18745
Sanchez Roig M	72118
Sancier K M	81757
Sanctuary W C	7320
	42818
	76838
Sandahl B	73729
Sandal P C	39551
	82063
Sandals K M	14222
Sanday W J W	21188
	49072
Sande E	76970
Sandegren E	25862
	44672
	70748
	79617
Sandeman R F	14691
Sander D A	28408
Sander H	77521
Sander W	84703
Sandermann W	14821
	22572
	50410
Sandermann W	50467
	58985
	59089
	75704
	92006
Sanders	23153
Sanders A F	40108
Sanders C	43781
Sanders D A	4165
	4693
	23361
	59369
Sanders G P	8260
Sanders H C	10782
	66824
Sanders H G	12816
Sanders H W	28018
	55783
	88816
Sanders I T	37764
Sanders K B	91315
Sanders M	15545
Sanders M D	9361
Sanders P D	20708
	88375
Sanders R K	69650
Sanders R M	13994
	41107
Sanders T G	90361
Sanders T W	2085
Sanders W A	2086
Sanders W B	55812
Sanderse P D	88163
Sanderson A R	34115
Sanderson C J	4398
Sanderson C M	32896
Sanderson E E	39292
Sanderson M V	65742
	74204
Sanderson M W	16626
	16627
Sanderson R W	37876
Sanderson T P H	42088
Sanderson-Wells T H	40535
	72119
Sandford B	13506
	45399
Sandford J C	5568
	15959
	15960
	24092
	24104
	42870
	60288
	85028
	85034
Sandholm O	46714
Sandiford K	88903
Sandino Pardo R	42014
Sandler G	1443
Sandler M A	36950
	88082
Sandmann	75438
Sandmo J K	41375
Sando W J	12006
Sandoe M T	11405
Sandoval A M	6617
Sandrud L	34116
	68573
Sands D R	488
Sands V E	91527
Sandstedt H	4166
	4694
	5381

	Item
Sandstedt H	24305
	30818
	51652
	59724
	68339
	76839
Sandström E	59724
Sanengen A	20390
Sanfile V	92483
Sanfilippo L	28094
	37981
	37982
	46869
	69601
	71249
	80582
	94610
	96064
Sanford E S	46898
Sanford G B	20391
	93988
Sanford P E	5303
	5304
	51653
Sanfourche G	39797
	73803
Sangar O J	31733
Sanger C	54802
Sanjurjo D Z	24177
Sankar D V S	34622
Sankarasubramaniam Y	88542
Sankewitsch E	29387
Sankey J H P	16130
	61082
Sankhov E A	62388
Sankin N I	34117
Sanmarchi A	75367
	91866
Sann G	54519
Sanner R	2628
Sannié C	38509
Sannikov V S	49544
Sannio G	87099
Sano S	47189
Sano Y	50603
Sanson J	12447
	48056
Sansbury R A	24067
Sanson E	79644
Sanson J	80817
Sant Ram B	14597
Sant'Ambrogio L	35346
	69602
Sant'Anna B	78042
Santa Barbara Botanic Garden	72311
Santa Maria P R	89356
Santa Paula Citrus Fruit Association	974
Santa Rosa J	36209
	82639
	82640
Santamarina Becerra E	23154
Santander Colombia Contraloria Dept	17703
Direccion Dept de Estadistica	44635
	94622
Santapau H	163
	38479
	72271
Santavy F	20468
Sante	20952
	82229
Santee M C	92438
Santelli E	26974
	87893
Santema S	15475
Santenoise T	67917
Santi A	4167
Santi Juárez T	55295
	63662
Santiago A A	23155
Santiago R I	44136
Santiago W	82159
Santini C	17399
	61379
Santini L	367
Santis A de	75155
	80899
Santis L de	6737
Santner	54634
Santner T	32561
	51045
Santolalla N R	4814
	17611
	42911
	66567
Santomauro L	11309
Santoro R	16739
	43546
Santoro de Crouzel I	5991
Santos A C de los	23874
Santos B M	10915
Santos D S	37407
Santos E	2387
	3323
	12986
	13025
	49073
	49074
	59797
	65743
	82434
	84217
	87100
	91876
	93544
Santos F M	44007
Santos G P	45957
	61644
Santos I A dos	35846
Santos I M	82526
Santos J	4399
Santos J A dos	32421
	32937
	92857
Santos J B	12887
	39628
Santos J B dos	22356
Santos J D A	60390
Santos M	92932
Santos N D dos	94201
Santos O G	63820
Santos P	39132
Santos Aran	5632
Santos Biloni J	21308
	38480
	38481
	66878
	66879
	79825
	91688
Santos Pastor A	19241
	27851
	37694
	37695
Santucci J	23348
Santurio J	7820
	17793
	26727
	36252
	70749
Sanwal B D	72515
	72516
	72517
Sanyal A T	73489
Sanz F	61620
Sanz Egaña C	45722
Sanz Muñoz M	26486
Sanz-Pastor J M	31734
Sanz Pedrero P	7473
São Paulo Brazil Dept de Engenharia e Mecanica de Agricultura Div de Conservação do Solo	74883
São Paulo Brazil Instituto Agronomico Campinas	48239
São Paulo Brazil Instituto de Botánica	56165
São Paulo Dept de Assistência ao Cooperativismo	28077
	46117
Sapankevich P V	73238
Saphir B	4180
	23009
Sapirstein L A	59849
Saposhnikova K	61985
Sapozhkov A	33784
Sapozhkov I A	47858
Sapozhnikov D I	39173
Sapp J E	67168
Sappok H	20592
Sapriza Vera C	47055
Sapsford C S	15981
Sara A	40109
Sarà M	24855
	24856
	24857
	24858
	85771
Saradeth	32026
Sarafanova E	79757
Saralkin I	61599
Saraiya R G	18144
	18145
	28095
	96065
Sarasola A A	38746
	81284
Sarasola J A	507
Sarawak (State)	27557
Sarawak Dept of Agriculture	11204
Sarawak Forest Dept	75084
Sarazá Ortiz R	60289
	68279
	76971
	85064
	85065
Sarazin A	74205
Sarazin A S	81445
Sardiña A M	45810
	83308
Sardon A de J	5784
Sardone L T	5867
	43107
Sardou P	20997
	86807
	86808
	94680
Sarejanni J A	19948
	20045
Sargent C A	21407
Sargent E H Jr	80597
Sargent J A	39629
Sargent J D	8019
Sargent J W	14223
Sargent M C	29388
Sargos R	34857
	58682
	66842
Sargut I A	27852
Šarić A	90409
Sarich B R	31497
Sarkanen K	15000
	32158
Sarkar P B	45228
	70442
	87271
	87272
	87273
	94988
Sarkar P K	62821
	87804
Sarkar S N	18663
	40892
Sarkaria D S	6583
	25105
Sarkisian P D	77522
Sarkisian S M	6898
Sarles R L	75502
Sarlet H	68696
Sarma J S	89178
Sarma P S	17170
	34022
Saro Morón E	7821
	80628
Saroop H H	83934
Sarrabay J	64380
	81181
	91073
Sarrance J	19500
	80629
Sarrazin C	37408
Sarria G M	84626
Sarsons A R	63638
Sartori G	57604
	58345
	60637
	61083
	61986
	61987
Sartorius	57605
Sartorius L C	86583
	94551
Sartory R	45048
Sartwelle J W	76126
Sartz R S	21637
Sarudi I	44821
Sarvaas F du M	19501
Sarvas R	3671
Sarwar M M	24181
	51259
Sas A	27408
	55418
	90565
Sasa M	34418
	34419
	60790
	60791
	60792
Sasaki E	41014
Sasaki I	12549
	50440
Sasaki N A O	50441
Sasaki S	29341
Sasaki T	90271
Sasaki Y	39562
Saskatchewan Association of Rural Municipalities	71901
Saskatchewan Co-operative Producers	37983
	48321
Saskatchewan Dept of Agriculture	11205
	27667
Research Serv	9563
Statistics Br	7676
Saskatchewan Dept of Co-operation and Co-operative Development	18544
	19445
	55784
Saskatchewan Dept of Natural Resources	41066
Saskatchewan Milk Control Board	44881
Saskatchewan Municipal Hail Insurance Association	95644
Saskatchewan University	27667
	71483
	90209
Sass J E	12448
	20180
	28450
	28888
Sass W	77523
	77524
	93654
Sasscer E R	11264
Sassenhoff	5514
Sassenhoff I	5382
	42703
	68089
	68340
Sasser J N	72904
Sassi D	36041
Sasso A dal	67400
	67401
Sasso G	21894
Sastri R L N	90090
Sastri V K	96099
Sastrodarsono M S	71194
Sastry A S	56912
	63170
Sastry B V R	85458
Sastry L V L	54236
	79446
Satake Y	164
Satarova N A	81677
Satchell F E	45723
Satchidanandam V	42963
Sathe S V	13995
	39174
Sathe V	90083
Sather G E	5048
Sato H	50103
Sato J	64133
Sato K	34340
	60935
	90084
Sato M	28601
	52870
	86063
	93543
Sato S	50136
	50257
	77253
	90272
Satô S	20181

	Item
Sato T	26728
	93551
Satô Y	29001
	39175
	39176
	48057
Satomi N	47280
Safšyperova I F	1062
Sattar A	81126
	89661
Sattar P A	26414
Sattler	27344
Sattler E	16438
Sattler G	77753
Sattler L	36970
	71145
Satyanarayana N	19138
	46118
Sauberlich H E	24292
	76978
Saubert-von Hausen S	82735
Saublens L	58702
Sauchelli V	14294
	31013
	31245
	40723
	66221
	91521
Sauer	32562
	88410
	88904
	92646
Sauer E L	14224
	49988
	55466
	66524
	83086
	83124
Sauer H F G	33897
Sauer J	25386
Sauer J D	11408
	64214
Sauerlandt W	22068
	31014
	31291
	49745
	66422
Sauerteig H	18442
	26729
Sauger L	12856
	48590
	54747
Sauger R	51341
	76478
Sauget J S See Leon Hermano	
Sauheitl A	87739
Saundby Sir R	52821
Saunders Sir A	44106
Saunders A P	49075
Saunders A R	38991
	38992
Saunders B	67850
Saunders D E	82435
Saunders D H	6010
Saunders F J	25679
Saunders H	87894
Saunders H L Jr	76351
	76352
Saunders J	58627
Saunders J M	54868
Saunders J R	76382
Saunders J W Jr	33339
Saunders L Z	15476
	15603
	51370
	51412
Saunders R	55037
	71250
Saunders S	22665
	32101
	50553
Saunders S J	45704
	70614
Saunderson H	4815
Saunderson M H	1444
	20709
	29779
	45637
	66568
	75986
	84017
	88516
Saura F	81446
Saurat P	51260
Sause G G Jr	80412
Sauselen H G Jr	40893
Saushkin IU G	31222
Sausse A	19369
Sauter E A	27008
	62990
Sauthoff W	47940
Sautter J H	4695
	76371
Sautter V	5341
Sauvage C	99
	47209
Sauvage G	2087
	30345
Sauvage L R	59860
Sauvel	62837
Sauze F	78364
	86184
Savage A	33744
	60175
Savage D A	23248
	65217
	84218
	90410
Savage E F	13542
Savage F	93141
Savage G A R	55617
Savage J E	33234
	60097
Savage J V	50554
	75623
Savage K G	8299
Savage L J	19521
Savage R G	64908
Savage R H	49746
Savage W E	18708
Savage Z	2977
	13026
	18274
	36210
	45361
	45362
	54214
	54287
	55438
	63588
	63589
	70616
	73793
	74790
	91438
	95040
Savaglio L	59514
Savagnone R	36042
Savan M	4969
Savard J	67213
	75653
Savary A	16687
	29044
	68938
	72905
	81365
Savchenko I A M	21966
	40362
Savchenko M I	89806
	89918
Savchenko M Kh	67766
Savel J	51955
Savel'ev B	20593
Savel'ev G M	37502
Savel'ev I K	84989
Savel'ev S	23697
Savel'ev S I	975
	29617
Savel'eva O N	90085
Savelli M	1124
	65190
Savel'sberg L	12817
Savery H P	15113
Savić I	92647
Savich I	95569
Savich V P	56354
Savich-Lſubiſkafâ L I	38501
Savile D B O	72536
	81117
Saville D	38257
	45238
Saville G	7514
	35274
	36211
	50411
	67113
	87420
Saville R J	35725
	62733
	62888
Savitškafâ S D	34939
Savkin T F	94306
Savkina Z P	65191
Savko D P	88083
Savoie C C	46021
	95536
Savonius M A	2088
Savostin P	11975
Savoy I	10331
Savur G R	12422
Savvides F S	5081
Savzdarg E E	94134
Sawachika K	34
Sawada K	28711
	50227
Sawada T	70760
Sawamura T	73456
Sawhney K	10783
	62424
Sawin P B	5589
	24093
	24096
	33499
	85012
Sawyer C H	20374
Sawyer F D	17294
Sawyer H G	9787
	9788
Sawyer R H	27095
	36885
Sawyers T	88239
Sax K	12449
	29292
Saxby S H	1445
	1446
	55419
	74318
	90411
Saxebøl E	37233
Saxena B C	7667
Saxena H	68012
Saxena H C	92973
Saxer E	32397
Saxinger G	16100
	22777
	33063
	33745
Saxl V	87274
Saxon E A	17658
	78365
Saxton E J	76100
Saxton S E	65744
Saxvik R O	61022
Say H B	31573
Sayegh D	89653
Sayer M W	74085
Sayers N F	63991
Sayla D A	61988
Sayre C B	58346
	58568
	62625
	62626
	79447
Sayre C R	17249
	52822
	52823
	62425
	70461
	81924
Sayre G	48058
Sayre J D	39177
	48059
	73239
Sayre R	55046
Sazonov P V	81678
	82730
Sazanov V I	81885
Sazonov V N	41818
Sazanova L V	40363
Sazhin A I	13507
Sazhin N S	58471
Sazonov P V	93475
Sazykin IU	20908
Sbarra N H	21465
	43270
	80667
Sbezhnev S G	69173
Sblendorio A	3910
Sborov V M	78774
Sbrana G	36749
Scaborio J	82436
Scaccini A	33064
	59966
	93211
Scade J	52135
Scala A	3622
Scalambretti F	14023
Scalapino R A	31108
Scales G M	22625
Scales J T	51834
Scales J W	84907
	84908
Scallet B L	9733
	26755
	27227
Scammon L A	5037
Scamoni A	56665
Scanlan J J	9564
	9565
	18709
	45888
	54764
	63014
	63015
	71052
	79868
Scanlan J T	36747
Scanlan R W	74641
Scanlon E H	56438
	57764
Scanlon E J	4919
	51413
Scanlon J H	87482
Scantland L	80521
Scapaccino M	11003
	26107
	38050
	44927
	55911
	69960
Scappini M	4696
Scaramella Petri P	48060
Scaramuzza L C	48634
	5992
	16232
	17072
	17073
	72598
	86002
	89545
Scaramuzzi D	65350
Scaramuzzi F	56713
	74391
	82198
Scaramuzzi G	586
	11708
	11976
	12023
	12450
	47573
	64381
	81182
	89662
Scarascia G T	48061
	90086
Scarfe C B	26767
Scargill E	58872
Scarisbrick R	16023
Scarles H W	13379
Scarlett R L	21309
	49747
Scarlott C A	62426
Scaroni B	87275
Scarr M P	27156
Scarsbrook C E	66423
Scarseth G D	20509
	31015
	66012
Scarth G W	56706
Scasso J M	48723
Scatterday J	59370
Scatterday J E	4868
	84513
Scavone G	3241
	5720
	21895
Scearce J L	10845
	88840
Scelza R	92266
Schaaf A	85204
Schaaf A v d	5694
	15477
	15487
Schaaffhausen R von	20604
	65027
	81886
Schaake	75085
Schaal A A	35243
Schaal K	73240
Schaal L A	11789
	21245
	64451
	74179
Schaal W	20710
Schaap C M	63916
Schaars M A	46074
	46870
Schabinger J R	84472
Schablin M	80736

	Item
Schachinger L	36951
Schachl M	48062
	48240
	48522
	50780
	65243
	83795
	85590
	91338
Schachman H K	587
Schacht F L	53011
Schacht H R	4243
	94333
Schacht W	53087
	65745
	82437
Schachter M	15579
Schachtner R	9684
Schack G	71994
Schack W	79891
Schad C	65028
	65192
	81285
	82292
Schadach	76598
Schadach W	51441
Schade A L	20273
	20422
Schade C	81679
Schade F H	17074
Schade H	8300
	12933
	44822
	70264
	87101
Schade J W	63066
Schade K H	37738
Schade P H	22993
Schädler M	93655
Schaeber H	87062
Schaede R	64829
Schaefer A E	22850
	42091
Schaefer E	72242
Schaefer E E	72599
Schaefer F H Jr	15908
Schaefer H A	34118
	60679
Schaefer H C	8402
Schaefer L	36234
	85686
Schaefer P	50138
Schaefer V J	80318
Schaefer W	59140
Schaefer W F Jr	84129
Schaefer-Kehnert W	46197
Schaeff-Scheefen G H	85523
Schaeffer A	3422
	8557
Schaeffer L	3422
	74977
	75192
	83377
Schaeffer M	48322
Schaepman H	1610
	81508
Schaer E	16506
	20954
	24630
Schaerer D O	57479
	73730
Schaerffenberg B	616
	43547
	52674
	55995
	60872
	89794

	Item
Schaetz	15442
Schaetz F	32398
	76479
Schaetzle T C	43548
Schäfer	21764
	22253
	32563
	32564
	32775
	54512
	84130
Schäfer C	28797
Schäfer E	6277
Schäfer J W	86968
Schäfer K	34797
	34798
Schäfer O	92109
Schäfer R	6485
Schäfer W	8935
	9096
	9097
	18443
	20594
	23953
	36428
	45565
	45573
	45574
	54513
	62734
	70684
	70685
	70686
	70750
	87646
	87658
Schäfers	27558
Schaffer F C	88052
	88053
Schaffer K	5590
	32399
Schaffer M H	92865
Schaffhausen J F	78579
	94438
Schaffranek F	18444
	26730
	87659
Schager I	80645
Schaible L	11905
Schaible L D	93056
Schaible P J	15114
	18445
Schaik T F S M van	87102
Schain P	53792
Schalk A	20999
	21000
	30124
Schalkers K H	9566
	18710
	63437
	71217
Schall F	12857
Schaller A	83185
Schaller C W	72753
Schaller F	34119
	78284
Schaller F W	49748
Schaller H L	62735
	83120
Schaller L D	3464
Schallhart R	92051
Schallibaum U	8301
	26204
	44928
	53991
Schallock D A	2251
Schalm L	38102

	Item
Schalm O W	23508
	41880
	42213
	59861
	67674
Schambach H	32053
	59090
Schambye P	5648
	15206
	16024
	83935
Schäme R	15618
Schanderl H	17794
	35572
	65443
	94681
Schang P	42214
Schang P J	41881
	77122
	83936
	83937
	85272
Schans D	91738
Schantz-Hansen T	75288
	75337
	91665
Schaper	1243
Schaper G	51414
Schaper P	485
	489
	11709
	20595
	38616
Schapiro M M	50895
Schapper T	71667
Schar E	52308
Schardinger C	55549
Schärer-Bider W	19889
Schäringer	42089
	51318
	92648
Scharmer J	93476
Scharpff K A	74086
Scharrer B	17133
	34673
	78235
	85332
Scharrer K	39178
	73241
Scharroo P W	22432
Schatz A S	79378
Schatz E	85772
Schatz G	63870
	87965
Schatz R	12934
Schaub C	67052
Schaub F	35573
	44724
Schaub P	38237
Schauberger W	55296
Schauder R	7406
Schauder W	15689
Schauenstein E	62389
Schaufelberger P	21546
	40555
	66240
	66269
Schaufler E F	74087
	90877
Schaumann W	27917
Schaupensteiner F	78366
Schauricht J	37171
Schaus R	4508
	7250
	13613
	17502
	32565

	Item
Schaus R	44380
	84131
	92709
Schaus R G	88517
Schawalder A	38238
Schebitz H	34830
Schechter M S	24447
	52188
Scheck H	64941
	74206
Schecker	22994
Schedl C	52824
Schedl K	34282
Schedl K E	16628
	34283
	34284
	43472
	52824
	68692
	77770
	77778
	77779
	85687
Scheele L A	44929
Scheelhaase A	7365
	94439
Scheepers C P	82064
Scheer A F van der	18446
Scheer C D	25241
	27853
Scheer K	65193
Scheerer G	20864
	90566
Scheerer J	28798
Scheerer O	65746
Scheerpeltz O	6486
	16629
	16630
	34285
	64049
	78043
Scheffer	74642
Scheffer E	63871
Scheffer F	1123
	66093
Scheffer R P	47601
Scheffer T C	72754
Scheffer V B	23066
Scheffer W R	17795
Scheffter H	83084
	86185
Scheggia E R	53389
Scheibe	24773
Scheibe A	19662
	20239
Scheibe K	490
	16861
	47437
Scheid H E	4169
	47004
Scheider A F	30348
Scheidt A	8006
Scheidy S F	4920
	41882
	83829
Scheijgrond W	73372
	73596
	81810
Schell W	8770
	65308
	90652
Scheitlin M	76565
Schele R	24058
Scheler R	45817
Schell F G	5005
Schell H	23651
	20865
	42090
	54863
	88259
	90692

	Item
Schell S C	94173
Schellenberg A	1839
	8649
	30125
	47438
	48879
	69857
	82275
Schellenberg P	76633
Scheller	90412
Schelling J	82759
Schellner H	18340
	60474
	67402
	70661
Schelpe E A C L E	11521
	56249
Schelpmeyer G	91269
Scheltema T W L	28451
Schembri H	46423
Schemel M P	28452
Schemmel M	39749
Schempp E	26415
Schenck C A	58865
Schenck D M	5122
	5298
	33330
	51648
	84747
	85027
Schenck H E	9958
	10185
	28096
	46871
	55785
	78806
Schenck R	29389
	73242
	73243
Schendel C A J van	10784
Schendel U	81530
Schenectady N Y Radio Station WGY	80522
Schenk A	94181
Schenk F	3582
Schenk H	353
Schenk P J	491
	976
	6679
	6818
	11906
	12987
	16862
	16863
	16864
	20393
	21630
	24708
	24774
	28795
	30046
	34202
	39179
	52389
	58547
	64151
	64215
	64382
	72906
	77780
	78044
	82584
	96182
Schenkel E	68622
Schenken J R	42382
Schenker P	16631

	Item
Scheper	54907
	82896
Schepp	22995
	32400
	59371
Schepp J	3939
	22851
	50896
Schepp R	14933
Scherer	9835
Schérer C	59515
Schermer E	89126
Schermer S	84701
Schermerhorn L G	74207
Scherotzki	14114
Scherr G H	80900
Scherschel P	67675
Schertiger A M	73226
Scheruga	86245
Schery R W	2089
	2878
	47190
	56666
	57765
	57766
Schestauber J	5278
	43351
	77525
	77526
	85524
Scheu H	10332
Scheuch E	36186
Scheuch F	9098
	18447
	54520
Scheuermann R	81680
Scheuhammer F	5840
Scheunemann H	22996
Scheunert A	4170
	85029
Scheven O	61484
	69498
Schewtschenko I	94262
Schexnayder C A	13614
Scheye K G	14934
	22666
Scheygrond K	30483
Scheygrond W	83735
	66185
Scheys G	
Schiak F S M van	19562
Schiavi A	68811
	68849
chicchi S	51796
chickele R	19055
	94586
Schicks E	51767
Schiebel	7935
Schiebel W	75033
Schieblich J	65194
Schieferenz J	10333
	38051
	53839
Schiel	76840
Schiel O	24460
Schiellein F	27559
	95193
Schieman A J	78367
Schiemann E	38993
	38994
	73457
Schiesl E G	87507
Schiessler P	67676
Schiethart L J	31473
	31474
	37172
	41090
	66843
	71711
	83474
	95652
Schifani C	37613
	55550
Schifferer	45889
Schiffinger R	52986
Schijen J M	12818
Schikora E	7131
Schild E	18835
	27228
	37039
	71195
Schildberger K	53299
Schilke	42443
	51464
Schilke P	25242
	46715
Schill L	10186
	10785
	18448
	37409
	44405
	71484
	71995
	88411
Schiller F	17686
Schiller H	74643
	91547
Schiller I	6279
Schiller J	70772
Schiller O	10786
	25243
	27668
	55297
	63524
	71590
	71726
	71902
	88669
Schiller S	76841
Schiller-Meier I	71163
Schilletter A E	73756
	74153
Schilling	45472
	56667
Schilling W E	5993
	34185
Schilling E	76938
	78368
	94225
Schillinger A	7648
	44519
	69628
	86603
Schilt J G	74118
Schilthuis J	46940
Schimitschek E	31762
	34540
	47059
	61238
	72203
	72600
	75368
	85688
	85920
	86003
	93989
Schimpf G	60731
	60732
Schinckel P C	16025
	51850
Schindele F	62167
Schindler	4171
Schindler E R	14730
	91923
Schindler G	47191
Schindler H	223
	1063
	11559
	11710
	24416
	28800
	84232
Schindler L	46424
Schindler O	12550
	48180
	64901
Schindler P	67068
Schindler R	32915
	32916
	92746
Schindler U	14646
	68697
	77781
Schinkel D von	23595
Schinnes C	3261
Schinz H R	68773
Schippel H	75009
Schippel W H	92110
Schipper I A	76383
	92649
Schipper W	35399
	53564
Schipstra K	49308
	64383
	90087
Schirlé C	70429
Schirmer M	66569
Schirmer R G	23509
Schirwitz G	85142
Schischka E	92164
Schjelderup H H	58663
Schlaak W	32776
Schlabitz D	75086
Schlaepfer J	4683
Schlaich W	4400
Schlamb K	23804
	76726
Schlange E S	80213
Schlatter A J	58849
	83276
	91646
Schlätzer G	3192
Schlauderaff C H	50897
Schlegel	91946
Schlehuber A M	64996
Schleindl J	93656
Schleiniger J	14319
	50070
Schleissing H	35137
Schleissing O	21408
Schlenk R	7822
Schlensker E	79081
Schlenz P	30151
Schler G	88730
Schlesinger A B	33340
	76842
Schleswig-Holstein (State) Ministerium für Ernährung Landwirtschaft und Forsten	95757
Schleusener P E	58434
Schleusener W	65895
	74208
Schlewski G	46198
	71903
	86380
	94417
Schlichting E	82897
Schlichting H J	61989
Schliemann G	22997
Schliemann W	54288
	62540
	62541
	70579
	87421
	87440
	95076
Schliessleder R	76480
	84376
Schlimme H	10187
Schlingemann	80214
	88412
	88413
	88414
	95758
Schlinger E I	52575
Schlingman A S	22922
	67677
Schlipf J A	55420
Schlitt L	29244
Schlittler J	28602
	31982
Schlobach E	78839
Schloesser L A	39630
Schlögl A	41883
	88670
Schloss H H	55861
Schlösser L A	588
	20101
	43473
	57383
	82116
	89909
Schlotthauer C F	15604
	42383
	83938
Schlotzhauer E O	87527
Schlubach H H	88084
Schluga-Tschuttnig N	7321
Schlünder J	46498
Schlup L A	10819
	96021
Schluter E & Co	35574
Schlüter R	8740
Schmah	54058
	86692
Schmah W	82065
Schmalfuss H	52951
Schmalfuss K	30722
Schmalz K	42871
Schmalzbauer H	28240
	44406
	44425
	44602
	61723
	80668
Schmalzriedt P	46425
	63525
Schmauder G	82066
Schmaus M	78180
Schmeeckle F J	63992
Schmehl R	57511
Schmehl W R	30789
Schmeidler G A	8488
Schmeil O	19775
Schmid	39631
	70097
Schmid A	51136
	87376
Schmid A R	57306
Schmid C	9099
	87660
	87661
Schmid E	5868
	60405
	91589
Schmid F	17177
	31475
	66835
	69050
	78285
	94202
	94203
Schmid G	5841
	39750
	55298
	76714
	88260
	95759
Schmid H	62049
	62124
	70138
	70154
	72279
	80303
	86969
Schmid K	1540
	2978
	13996
	49749
Schmid L	4172
Schmid M	71196
	82760
Schmid S	68579
Schmid W	44071
	44107
	73244
Schmidhammer	33166
Schmidhammer G	75736
Schmidl E	77093
Schmidling J T	6280
Schmidt	89094
	3409
	7643
	14373
	17943
	22254
	43227
	46941
	59367
	88671
	88701
Schmidt A	87694
Schmidt A J	75459
Schmidt B	84132
Schmidt C B	37765
Schmidt C R	88020
Schmidt C W	45780
	54731
	79805
	95341
Schmidt E	6917
	6918
	13380
	17178
	17179
	42186
	50555
	50631
	52898
	52899
	69051
	75624
	83673
	83674

	Item
Schmidt E G	67687
Schmidt E L	34623
Schmidt F	4965
	15637
	51450
	59875
	84586
Schmidt F A	6281
	11143
Schmidt F V	12095
Schmidt G	25017
	34286
	64830
	69360
	78424
	78425
	86212
	94283
Schmidt G D	66880
Schmidt H	5994
	17180
	20955
	22309
	24775
	26006
	26545
	28938
	32777
	34713
	38747
	45400
	52900
	60595
	60973
	61239
	65195
	66990
	67512
	68457
	75256
	76127
	77782
	84377
	84405
	91689
	92019
	93990
Schmidt H H	29390
	73010
Schmidt H J	42201
	42215
Schmidt H W	6282
	16439
	16440
	22270
	24631
	28801
	72169
	77527
	77528
	77783
Schmidt J	20374
	27036
	57307
	70805
Schmidt J T	63016
Schmidt J W	977
	12451
Schmidt K	18742
Schmidt K F	10527
Schmidt L	1611
	16632
	65896
Schmidt L K	42337
	51362
	67801
Schmidt M	20866
	20949
	46499
	57033
Schmidt M	59798
	72145
	82500
Schmidt M G	89246
Schmidt N O	71146
	71147
Schmidt O	27769
	36429
	51415
Schmidt O A	31660
Schmidt O T	83641
Schmidt R	33167
	42560
	44273
	69404
	69405
Schmidt R F	93028
Schmidt T	48648
	354
	26108
	38748
	47574
	89663
Schmidt T H	87162
Schmidt V	11144
Schmidt W	58664
	9959
	14745
	37992
	45890
	58940
	84133
Schmidt W A	49750
Schmidt W E	71920
Schmidt-Hoensdorf H	64692
Schmidt-Kastner G	11857
Schmidt-Lamberg	17796
	43352
	75987
Schmidt-Treptow W A	23510
	23511
	32401
	67839
	92343
Schmidtendorf H	79152
	87076
Schmidtkunz	22133
	50137
Schmidtkunz O	22389
	31787
Schmied H	83488
Schmied O	69858
	86745
Schmied R	50104
	55786
Schmieder	91622
Schmieder P	84219
Schmieder R G	60733
Schmiel W	88817
Schminck H	25360
Schmitt	10787
	16125
	78369
Schmitt C	81681
Schmitt F	44823
Schmitt F O	9253
	26826
	79696
Schmitt H	355
	70265
Schmitt H P	12400
Schmitt J B	25018
	25140
	34287
	43896
Schmitt L	13997
Schmitt N	11206
Schmitt O	49989
Schmittner F	53598
Schmitz	25361
	52576
	88591
Schmitz A	94611
Schmitz E H	59860
Schmitz G	24962
Schmitz H	10652
	24859
	54059
	77898
	81390
	85773
Schmitz J	64831
Schmitz K J	7132
Schmitz N	87422
Schmitz W	77529
Schmitz-Hübsch H	1670
	29953
	29954
Schmitz-Lenders	14544
Schmitz-Lenders B	31539
Schmoll C	19847
Schmookler J	95681
Schmorl K	36430
	47003
	55942
	62736
	73245
Schmuck H	11004
Schmucker T	31735
	38876
	91851
Schmuhl R C	36043
Schmutterer H	16865
	43686
	61084
	77984
	85868
Schnabel C F	74088
Schnabl E	41884
Schnackenberg R A	90603
Schnapperelle H	85293
Schnautz J O	92650
Schneebeli P	41637
Schnegg H	35575
Schneider	14512
	28802
	41015
	67513
Schneider A	10341
	21310
	26731
	26732
Schneider A L	4168
Schneider B	4168
	32319
Schneider B H	3940
	4470
	4471
	23249
	24273
	41894
	43051
	43052
	50781
Schneider C	17892
	90878
Schneider C K	13381
Schneider C L	38683
Schneider E	36594
Schneider E C	53277
Schneider E O	56913
Schneider F	63131
	63132
	63133
	63136
	71148
	71149
	71150
	71151
	73246
	77899
	79965
	79970
	95537
	95538
Schneider F L	42216
	51848
	60367
	84378
Schnieder G	25061
	60517
	86277
Schneider H	11632
	12275
	39180
	39181
	73011
	77311
	77530
	77531
	90088
Schneider H A	63917
Schneider H G	71151
Schneider J	1612
	12935
	25863
	73889
Schneider K	87103
Schneider L	33341
	84903
Schneider M D	15207
Schneider M M	35308
Schneider O	3985
	50813
Schneider P	36855
	67678
Schneider P A	33800
Schneider P W	9100
Schneider R	20046
Schneider S B	58162
Schneider V	17467
	22852
	33769
	51937
	58582
	70338
	79219
	82966
	95205
Schneider W	30126
	35912
Schneiderman H A	29292
	34597
	34624
Schneirla T C	85921
Schneiter F	10188
Schneiter R	59327
Schnell	65391
Schnell B	33168
	60055
Schnell R	653
	18822
	19848
	22228
	70155
Schnell R L	22561
Schnell W	81883
Schnellbach O	69136
	80215
Schnelle F	20596
	64832
Schnelle G B	75930
	84536
	92762
Schnelle W	22998
	23656
	84473
Schnepf	67580
Schnepf P	67743
Schnepper E	10916
	40981
Schnerch J	69218
Schneyder J	35595
Schnicker J L	38180
Schnidrig A L	71591
Schniepp L E	9101
Schnitzer J	70806
Schnitzer J G	18597
Schnitzius H J	82438
Schnucker C	37877
Schnurbein B von	86278
Schnurer	80047
Schnyder J	44782
Schobel	55788
Schobel A	25737
	35742
	37410
	37984
	55787
	55788
	55789
	63747
	71996
	88905
	96066
Schober	65196
Schober K	9639
	20597
	26546
	33898
	40232
	44160
	49309
	49751
	52136
	55487
	57034
	59234
	69456
	70662
	72755
	90210
Schober R	70139
	70266
	75193
	91721
	91791
Schöberl A	36044
Schöbitz	1613
	27745
Schoby C R	70087
Schoch H K	19550
Schoch O	31382
Schoch W	15115
Schoch-Bodmer H	29121
	73012
Schoeff R W	63590
Schoel W	38617
	47429
	56439
	72601
	89546
Schoen J A	32566
Schoen M	9885
Schoen P	14394
Schoenbock E	6283
	6284
Schoene F	3133

	Item
Schoene W	5591
Schoeneman R L	25836
Schoenemann J A	57977
	65897
	65898
Schoenfeld C	11207
Schoenfeld R	9463
Schoenichen W	28803
	30347
	66857
Schoening H W	5082
	84702
Schoenleber L G	7151
	7159
	79220
Schoenmackers J	2497
	13722
Schoepf H	80901
Schofer	7014
Schofer G	44324
	69067
Schoffeniels E	43932
Schofield E R	64524
Schofield F	48323
Schofield F W	32778
	32779
	33065
	33691
	42217
	60439
Schofield J A	75509
Schofield R C	88518
Schofield R K	20373
	49445
	58118
Schofield-Palmer E K	2549
Schokker A	86926
Scholander A	32102
	75625
Scholander H	45575
Scholby C R	69961
	86890
Schole J	51150
Scholefield P G	66209
Scholfield C R	79826
	87912
Scholl J M	23250
	39576
	48446
	48455
Scholl M	15378
	32870
Scholl W	14297
	66715
	66716
	74943
	74945
Scholler	5569
	33498
Scholles W	58986
Scholnik E H	10917
Scholte van	63872
Scholtes W H	40556
Scholtyssek S	93117
Scholtz K	5633
	33569
	37614
	68217
	79673
	79674
	79734
Scholz	59799
	84474
	86415
	93294
Scholz B	17920
Scholz F	4401
	32567
	67240
	84134
	84475
Scholz H	49926
Scholz H F	14647
	41204
	50300
	75257
Scholz J	84990
	84991
Scholz K H	68280
Scholz M	94623
Scholz S	60368
Scholze F	32780
Scholzel E	85459
Schomaekers H	64152
Schomer H A	8790
Schommer W P	53498
Schönauen B	74962
Schönberg	26153
Schönberg F	8302
	9311
	70156
	94866
	95294
Schonberg J S	62737
Schönberg O von	94403
Schonberg O F von	86187
Schönbrunner J	11711
	13615
	21366
	40277
	47384
	47385
Schondelmeyer W L	43086
Schöne H	16633
Schöne P	85774
Schönhar S	3493
Schonhardt O	54157
Schönherr H	66991
Schönherr R	92029
Schöni E	93657
Schöni K	13723
Schöninger A	66913
Schonnopp G	31314
	49927
Schöntag A	73247
Schöntag L	91932
Schönwetter A	32938
Schönwiese H	75010
Schoof H F	16740
	77900
	93873
Schoofs F	9102
Schoofs K	1447
School Library Association	37444
Schoon T	95455
	95456
	95457
	95458
	95459
Schoonees L J	32464
Schoonens J G	71197
	80012
Schoonmaker F	61899
Schoonneveldt J C van	91133
Schoonover R	86114
Schoonover S E	22737
Schoonover W	21043
Schoonover W R	13779
	50045
	50046
	91339
Schoop G	4173
	4174
	4697
	5083
	23559
	32811
	54678
	67403
	67679
	68341
Schoorel A F	9640
	27096
	36886
	39298
Schopen	93029
Schopfer W H	978
	12452
	39182
	39233
	56993
	73326
Schopflocher R	3655
Schopmeyer C S	73248
Schopmeyer G E	60038
	60093
Schopp R	60809
Schor	37173
Schork H	36431
Schormüller J	53423
	53565
Schorr H C	78257
Schoth H A	48523
Schott	23263
	51149
Schott A	50679
Schott O	85066
	85160
	85161
	85162
	85163
	93191
Schott R A	33496
	68195
	87768
Schott S	68004
Schotte R	44725
Schotter G	89448
	89449
Schou L	20277
Schoubroek F van	3941
	4698
	33235
	68317
	83716
Schouenborg J	83939
Schour I	38093
Schouteden H	24963
	52675
	52676
	52677
	85869
	85870
	85871
Schoutteten C	35086
Schouwenburg J C van	64701
Schöyen T H	60596
Schrader	21765
	22069
	28804
	57978
	64384
	91340
Schrader F	16159
	24964
	52678
Schrader F M	35657
	38327
	38330
	78807
	94527
Schrader G	24461
	77314
Schrader L	30593
Schrader O H	50517
Schrader O H Jr	50518
Schrader R S	22070
Schrall K	68074
Schramek W	75705
Schramm G	20102
Schramm W	3928
	59516
	75790
Schrank A R	39183
	47881
Schrank B M	50898
Schratt	39903
Schraudy E	23354
Schread J C	6389
	68458
	68774
	68901
	68902
	81183
Schreiber	18957
	32562
Schreiber A A	87662
Schreiber C L	90879
Schreiber G	32781
	51046
	51161
	73013
	77985
Schreiber G R	53814
Schreiber H	63748
Schreiber J	713
	76384
Schreiber J F	21189
	30348
Schreiber R	3942
	22999
	64521
Schreiber W	55421
Schreiber W R	8650
	18214
	18215
	18341
	45295
	45296
	45448
	54215
	62637
	62638
	62639
	79352
	87340
Schreier K	44824
Schreier O	11712
	28939
	38618
	60597
	60873
	60874
	77701
	77953
	89753
	93720
Schreiner E	52309
Schreiner U	39386
Schremmer F	24860
	43549
Schrenk W G	8405
	84180
Schretzenmayr M	72419
Schreuder J C	47575
Schreven A C van	73014
Schreven D A van	21568
	58149
Schrick R J	74791
Schrier J E	51654
Schriever E	5264
Schrifferer	28147
Schrimpf K	54521
	81682
Schröck O	50345
	75228
Schröder	1244
	31802
	48324
	48325
	49211
	54237
	54323
	54522
	65747
	65899
	73376
Schröder D E	26109
Schröder E	35709
	63749
	92308
Schröder F	27854
Schröder G	52481
	61407
	68458
	77784
	94422
Schröder H	59517
	65029
	86213
	94758
Schröder H C	78317
Schroder H H	21190
Schroder J C	85112
Schröder K	57308
	95653
Schrøder K C	15841
	15921
Schroder W	67680
Schröder-Etzdorf	1125
M	46199
	55123
	70088
	71592
Schröder-Stranz H	69406
	78606
Schroderus A H	39299
Schrödter H	43433
	85689
	89664
Schroeder	44825
Schroeder C A	714
	12453
	30152
	40364
	56714
	89689
	89690
	89868
	90604
Schroeder C R	60475
	83964
	85250
Schroeder E W	17250
Schroeder G	31158
Schroeder H R	27345
	80079
Schroeder H U	70267
Schroeder L J	26007
Schroeder M P	25505
Schroeder P H	26227
	70013
	70140
	70268
Schroeder R	12454
	64833
Schroeder W T	77852
Schroevers I J	4244
Schroevers P J	12096
Schröter A	85273
	93030
Schruben L M	25655
Schubad J W	19260
	27874
	95924
Schubart O	6390
	34203
	68623
Schubert	44636
	53088
	78468
	80080
	80583
	83796
	95654
Schubert A	6285
	13724
	24632
	24633
	24634
	58047
	60734
	77532
	77533
	77534

	Item
Schubert A	77535
	85525
	85526
	88297
Schubert F	24635
Schubert G	82446
Schubert G H	3440
Schubert H	18477
	18478
Schubert J	91852
Schubert K	5592
Schubert K D	9103
Schubert O E	48711
	81683
Schubert P	93192
Schubert R	78463
	87805
Schubert W F	7049
Schubothe H	4175
Schuch H	28157
Schuch K	67095
Schuchardt W	62952
Schuck C	19535
	28474
Schudel H L	57879
Schuder D L	16233
	68459
Schueler F W	68491
Schuelke H W	7936
Schüepp O	715
Schueren J B G M Ridder de van der	10334
Schuffelen A C	13780
	74438
Schug A	77536
Schuh F	23000
	84379
Schuh J E	52602
	85825
Schuh P	75931
Schuhmann L	7600
Schuk J M	7133
Schukall G	31159
Schuldt C	79618
Schuldt P H	38749
	56551
Schulenburg A F Graf v d	14346
Schulenburg L	14473
Schuler A L	49409
Schuler E	29835
Schuler E A	45049
Schüller H	37764
Schüller Barbosa H O	87341
Schulman E	15658
	47192
	47193
	72312
Schult W	91623
Schulte	19242
	19243
	19244
	88672
Schulte A	17075
	43838
	61240
Schulte D	80048
Schulte K E	7648
	39255
	44519
	69628
	86603
Schulte O W	28453
Schulte Sienbeck	22853
	67514
Schulte-Uentrop A	83431
	83430
Schultes R E	19805
	47281
	56237
	72420
	81022
Schultz	95626
Schultz A M	12819
Schultz E F Jr	64952
Schultz E S	64509
Schultz F H	21547
	37536
	86478
Schultz G	27738
Schultz H B	12999
	29966
	48738
Schultz H W	46971
Schultz J	979
	77901
Schultz J H	1778
	57880
Schultz L H	41885
	51261
Schultz R	54523
	62738
Schultz T W	18896
	35347
	37066
	37537
	55299
Schultz V B	28659
Schultz V G M	17076
	61241
Schultz W E	9231
Schultze J H	91495
Schultze W	66695
	91516
Schulz	83719
Schulz A	42872
	45566
	87647
	87663
Schulz B	54064
Schulz E	79619
	87664
	87665
Schulz F	90552
	94263
Schulz G	69277
	69962
	69963
	69964
	69965
	69966
	70089
	70157
	70269
	92021
Schulz H	22176
	31476
Schulz J T	61243
	68989
	68990
Schulz K C A	24182
	42966
Schulz M E	26008
	26228
	26229
	35690
	44823
	44826
	45050
	62257
	69967
	70014
	86927
	86928
	87104
	87105
	94812
Schulz P	21191
	40110
	65748
	82439
Schulz T	46972
	53436
	55912
	61778
	89033
Schulz U K T	89415
Schulz W	26230
	54289
	94822
Schulz W G	4509
	4510
	25703
	31315
	32668
	51047
Schulz-Falkenhain H	40836
Schulz-Koffka	75103
Schulz-Langner E	77537
Schulze	51262
	74209
	90089
Schulze E U	10785
Schulze H	48880
Schulze J L	83186
Schulze K	69361
Schulze K L	980
Schulze W	4921
	23512
	51991
	59862
	64834
	64835
Schulze W F V	33597
Schulze-Allendorf	88592
Schulze-Henne K	78370
	94404
Schulze Lammers H	54524
	78470
	94296
Schulze zur Wiesch	52915
Schulze zur Wiesch J	10789
Schumacher	31450
	47440
	55124
	80110
Schumacher A E	4986
	22854
	41753
	92223
Schumacher G	16634
	33899
	68460
	68698
Schumacher H	36818
	36819
	45891
	45892
	54803
	63017
	63018
	71053
Schumacher K	7015
Schumacher M E	48025
Schumacher M T	38109
Schumacher W	77538
Schumaier C P	54503
	88906
Schumann	10416
Schumann H	91211
Schumann K	7590
	46200
	46872
	52987
	55790
	83187
	85089
	85090
Schumy V	55791
Schuphan W	94552
Schuppe E	90693
	90694
Schürch A F	60476
Schuringa G J	45229
Schürmann E	5383
Schurter W	74792
Schurz F	9104
Schuss J	84298
Schussnig B	47792
Schuster E	67681
	67920
Schuster F	66881
Schuster I	82788
Schuster K	7823
	87666
Schuster M L	56552
Schuster N	16305
Schuster R M	11546
	19856
	43734
	61136
	78045
	94036
Schutt K	31250
Schüttauf	94735
Schüttauf W	9481
	53459
	87895
Schutte C E G	9312
	18560
Schutte K H	54748
	79827
Schutter B de	13509
Schutter W F	8558
Schütz A	6286
	77649
Schütz F	57717
Schütz J	7515
Schütz K	94384
Schütze E	17079
Schützhold G	79221
Schützler G	32402
	59967
	84703
	92858
Schuurman J	52641
Schuurman J A	90880
Schuylenborgn J van	13780
	30743
Schuyten H A	70462
Schvester D	93801
Schwab B B	9232
Schwab D P	94220
Schwab G	50105
Schwab G O	40837
Schwab G R	92790
Schwab J	78842
Schwabe K	52189
Schwabe O	67840
Schwabe W W	12455
Schwaebel F X	64836
Schwalb H W	70550
	89731
Schwalbach J	63703
	63717
Schwalen G V	79909
Schwalenstocker H	50616
Schwamberger R	60056
	60252
Schwan	61666
	61667
	78683
	86300
Schwan B	24636
	34072
Schwan H	94495
Schwander	2826
Schwander A	93342
Schwander H	53793
Schwanitz F	11713
Schwank	79758
Schwankl	75721
Schwankl A	32174
Schwanner E	84545
Schwantes A J	74683
Schwantes G	81023
Schwanz H L	28805
Schwanzle A	24637
Schwardt H H	5995
	52360
	52531
Schwart E H	6566
Schwarte L H	67404
	93243
Schwartz A M	26367
Schwartz B	2688
	50899
	68342
	68343
	85279
Schwartz D	20082
	20240
	28993
	29019
	29020
	29085
	29148
	29182
	29351
	29457
	29873
	73245
Schwartz D P	86912
Schwartz E	16441
	24776
Schwartz H	22724
	67217
Schwartz H G	79892
Schwartz I	64693
Schwartz J H	27157
Schwartz L	56681
Schwartz M	813
Schwartz S	42091
Schwartz S L	50604
Schwartz W von	94624
Schwartze C D	1840
	1841
	47649
	57979
Schwarz	41460
	70141
Schwarz E	4294
Schwarz E R	26416
Schwarz F	81024
Schwarz G	18000
	44827
	45051
	70015
	75034
	79042
	79043
	87106
	94765
Schwarz H	3123
	66882
	73250
Schwarz H W	7644
Schwarz J	4933
Schwarz K	21896
	66723
Schwarzacher F	55721
Schwarze P	1064
	64690
Schwarzenbach F H	20138
Schwarzkopf V	17852
	53794
	78977
	86929

Schwede 95889
Schweers M 21976
Schweicker F 11208, 40838
Schweifer K 54635
Schweigart F 53566, 70663
Schweiger H 6487, 6488
Schweigert B S 4169, 9249, 28231, 38125, 45652, 47004, 54603, 59235, 59998
Schweighart O 25763
Schweighauser F 6287
Schweinburg F B 15175
Schweinfurth C 11503, 28603, 64216, 72421, 74089, 81025, 89357, 89358
Schweinitz K de 46330
Schweisheimer 34120, 34121
Schweisheimer W 16442, 24638, 26768, 34122, 35576, 53681, 57606, 60735, 67069, 77539, 79645
Schweitzer G K 76822
Schweitzer O 53214
Schweizer J 30695, 40365, 58048, 81684
Schweizer R 5084, 15996
Schweizerische Bankgesellschaft 46331
Schweizerische Kynologische Gesellschaft 15561
Schweizerische Silovereinigung 50782
Schweizerische Zentralstelle für Freiwilligen Arbeitsdienst 63336
Schweizerischer Bauernverband 71997, 88907
Schweizerischer Braunvieh 23462
Schweizerischer Fleckviehzuchtverband 15313
Schweizerischer Geflügelzuchtverband 93095
Schweizerischer Herdebuchkommission für Simmentaler Fleckvieh 15312
Schweizerischer Verband der Lehrer an Landwirtschaftlichen Schulen und der Ingenieur-Agronomen 63816
Schweizerischer Zuchtverbandes fur das Veredelte Landschwein 85183
Schweizerisches Bauernsekretariat 8337, 63389, 69745, 80221, 86625, 95874
Schwemin K 3773
Schwemmle J 73077, 73251
Schwendiman J L 4470, 39552, 49990
Schwendt 57881
Schweng L D 55300
Schwenk 10790
Schwenke W 94135
Schwenkel H 90413
Schwennesen A W 8741
Schweppe H I 63280
Schwerdt 82067
Schwerdtfeger 48524
Schwerdtfeger C 45893
Schwerdtfeger E 1409
Schwerdtfeger F 66858
Schwerdtfeger K 69962
Schwerdtfeger L 30349, 30350, 30351, 49076
Schwerdtgerger C 32953
Schwerin G 92141
Schwester D 68699
Schwezow A A 25363
Schwieter A 88085
Schwilch W 79462
Schwinck I 77647
Schwindling-Manderscheid G 53411
Schwink T M 23971
Schwitzer M K 18664
Schwitzgebel R B 16249
Schwizer M 42015
Schwob R 9482, 26608, 45449, 87896, 87897
Schwobel W 76655
Schwoerer J 19245
Schwörer F J 57309, 63526, 65197
Schwyzer R 48115
Schyns P 41816
Sciaroni R H 13779, 17027, 34225
Scientific Film Association 96011
Sciortino G 17797
Sciumbata G 4402, 11145, 76226
Sciuplezov P 27560
Scoggin J K 43474
Scoggin M C 63750
Scoggins H 37729
Scognamiglio A 5996, 7516
Scola P M 37728, 80304
Scolari C 51655
Scossiroli R 11714, 11907, 12024
Scotland Dept of Agriculture 21766, 61890, 63993, 65900, 69738, 89547, 89548, 90970, 90971
Farm Economics Br 80305
Scotland Dept of Health 69629
Scotland Education Dept 80523
Scott A 74090
Scott A H 49077
Scott A M 89431
Scott C E 525, 28940, 47608
Scott C H E 46489, 46490
Scott C L 80801, 85872
Scott C R 70910
Scott D 18001, 18002
Scott D B 70016
Scott D F 53119
Scott D H 716, 981
Scott D R M 41249
Scott D S 59091
Scott E C 62258
Scott E L 2090, 2091, 49078, 57767, 57768
Scott F B 6288
Scott F H 48063
Scott F I 56862, 64785
Scott F S 45100
Scott G 94136
Scott G A 7677, 95370
Scott G D 35769
Scott G R 59725, 67682, 84910
Scott G W Jr 42208
Scott H 16741, 45052
Scott H A 17687
Scott H C 30352
Scott H K 46500
Scott H M 23827, 23875, 24063, 76760, 76761
Scott H R 75087
Scott H T 64050
Scott I 7391, 15659, 23698, 70820, 92880
Scott I G 3802
Scott I W 32871, 76128
Scott J 21639
Scott J A 34204, 43402, 85580
Scott J D 08388, 39553, 66654
Scott J E 53300
Scott J H 9105
Scott J H Jr 17294
Scott J K 39184
Scott J M 25864, 53743, 62008
Scott J R 36617, 44144, 53138, 88007
Scott J W 43609, 78840
Scott K G 6919
Scott K L 53840
Scott L C 91532
Scott L E 878, 981, 2204, 29392, 40240, 54324
Scott M H 3634, 31493, 58961, 83567, 92083
Scott M J 28019, 96012
Scott M L 5240, 5265, 23876, 23972, 23973, 33342, 60104, 60176, 76762, 76843
Scott M T 52901
Scott P 37411, 79991
Scott P R 75573, 75626
Scott R C 36170, 87391
Scott R D 88690
Scott R H 10335, 80133
Scott R M 50900
Scott R O 32403
Scott T A Jr 36750
Scott T T 1448, 57310
Scott V H 58442
Scott W 54525, 76481
Scott W A 17224, 65278
Scott W A C 32699
Scott W C 28806, 36151
Scott W F Jr 30353
Scott W J 86666
Scott W K 19422
Scott W M 45894
Scott W O 29607, 29781, 30544
Scottish Health Serv Council 69629
Scottish Milk Records Association 76482
Scottish Society for Research in Plant Breeding 12223
Scottish Society for the Prevention of Cruelty to Animals 75988
Scotton M 18048, 25244, 35020, 53061, 53139, 55125, 61443
Scqular F I 80652
Scoupe 94809
Scouvemont F 95818
Scovel J B 86428
Scoville G P 18997, 36309, 54341
Scoville O J 10336, 11170
Scranton C J 53089, 94226
Scranton L L 25375
Scriban R 7454, 7798, 69859, 78865
Scrim W 22433
Scrimgeour J H 5997
Scrimshaw A H 73508
Scriven W A 2879, 21311, 30469, 49212, 65901, 94334
Scrivner N L 25865
Scroggs C L 3151
Scruggs C G 9567, 10791, 15314, 15546, 29618, 21767, 23463, 51591, 55126, 63337, 78318, 87967, 94227
Scruggs F H 18354
Scudder T 7322, 42338
Scully R M 2092, 13382
Scurti F 40483, 40484, 49474
Seabra C A C 77967
Seabrook C C 61869
Seabrook E L 43603
Seabrook W P 57562, 73757
Seaford F A 71152
Seagears C B 22086
Seale A D Jr 55460
Seale C C 56444, 65956, 73476
Sealine E O 66013
Seals D 45363

	Item
Seals W F	20834
Sealy J R	56238
	56239
	56240
	56241
	56242
	56243
Seaman A	50901
Seaman G L	19139
Seaman J	62954
	70990
Seamans V S	36286
Seara C	2278
Seara G	74392
Searcy V S	57980
	64837
Searle Grain Co	7441
Searles H M	11080
Searles H R	76483
	92184
Searls E M	68775
	85775
	85776
	93477
Searls I G	11094
Sears A F	21192
Sears E R	47793
	47794
	47859
Sears H J	51084
Sears O H	66204
Sears P B	10189
	12456
	19776
	66270
	80902
Sears P D	15386
	48525
	65198
	73613
	82898
Sears R G	4949
Sears R M	84336
Sears W B	26417
Seath D M	4367
	15304
	17853
	51048
	67767
	76227
	84115
Seath R	3820
Seaton D R	23974
Seaton H L	26609
Seatz L F	58347
Seaver F J	28712
Seaver S K	95413
Seay H	23706
	33101
Seay W A	11409
Sebánek J	56914
Sebek O K	48064
Sebelin C	6489
Sebelius H	15116
Sebestyen E J	18449
	87667
Sebrell W H Jr	80669
Secchi P	15133
Secco Ellauri F	52988
Sechet	72756
Séchet J	29122
Sechrist E L	6289
	34123
Sechrist S S	22546
Seckman M C	57769
	65749
	65750

	Item
Secombe K G	14225
Secondini B O	41067
	58628
Secrest H C	78286
Secrett G A	1671
Seculi Brillas J	84834
Sedak A M	73841
Seddon H R	15208
	23001
	68461
	85591
Seden R D	71252
Sedgwick F J	8178
Sedgwick R J P	96104
Sedgwick T H	8559
Sedlmayr L	70270
Sedlnitzky M	33236
Sedov T	48326
Sedugin I	53215
Sedulis A fū	22809
Seebauer K	41773
Seeborg E F	20607
	58276
	79620
	87668
Seedorf W	9960
	10792
	28020
	51342
	71761
	80216
	88818
Seefeld W von	64153
Seeger K	42819
	45895
Seeger K C	25278
Seeger K S	51656
Seegmiller K L	10793
Seehusen A W	71712
Seekles L	26025
	62086
Seel Sir G	83797
	63382
	88415
Seelbach H	59044
Seelemann	26153
Seelemann M	8142
	17854
	23355
	26231
	35691
	35847
	35848
	44930
	51263
	53884
	59726
	59800
	70142
	70143
	84380
	86213
	87015
Seeley D B	7635
Seeley J G	21193
	40715
Seeley M	45230
Seelig R	45364
Seelig R A	1779
	13509
	48758
	49213
	54242
	74210
Seely C I	82585
Seely H E	83362
Seem M	41357
Seetharaman C	4574
	5384
	5385
	5386
	15842

	Item
Seetharamiah A	9362
Seetharamaiah P	66424
Seevers C H	34288
Seften H	11293
	96013
Segadas-Vianna F	47725
	81375
Segal J	60650
	63994
	52205
Segawa S	89432
Seghetti L	15446
Segi T	72460
Segler	78471
Segler G	17251
	25362
	61380
	78472
	78499
Segler-Holzweissig G	81560
Segmen B R	9106
Segmen R	26733
Segovia J	14545
Segre G	71549
	95875
Segrove F	6490
Séguéla J	29630
Seguin A	75803
Seguin R	57172
Segun A	52577
Séguy E	6567
	16742
	16743
	34377
	43550
	60974
	61316
Seibel	24306
Seibel A	8032
	70680
Seibert P	46772
Seibert P R	92933
Seibert R J	28454
	82440
Seibold H	61541
Seibold H R	77118
	92763
Seibt H	61433
Seidel K H	33900
Seiden R	32404
	41886
	67405
Seidensticker P	88716
Seidl O	1449
	20711
	50783
Seidl R	23513
Seidl R J	41565
	87532
Seifer	17612
	71998
Seifer A	27286
Seiferle E	76656
	92881
Seifert	86365
Seifert A	78684
Seifert H	94405
Seifert H A	5869
	24216
Seifert M	5998
	24709
Seifried O	4097
Seifulaev I	88593
Seiger H F	4847
Seigerman N	20182
Seigworth K J	41034
	41178
Seijo de Zayas E	21582

	Item
Seiler	41754
Seiler F E E	82713
	91180
Seiler H	41619
Seiler L	29393
Seiler R	48526
Seilleur P	50727
Seims H B	31279
Seinhorst J W	23045
Seip H K	3262
	31560
	66914
	83349
Seiple J W	61387
Seischab F	49535
Seise A	17198
	20769
Seiser V O	37538
Seitov V	33692
Seitz A	60369
Seitz B	17199
Seitz C E	78319
Seitz E H H	92052
Seitz F W	71616
	73015
	73016
Seitz L	50902
	75932
Seitz P	76510
Seitz P H	68154
Seitzer	1672
	70517
Seixas C A	52729
Sekar K C	95449
Sekera F	21820
	30875
Sekhar B D	95460
Sekhar C V C	26110
	26232
	70271
Sekine T	5745
Sekules W	75567
Sekun P F	654
Sekunov I	59921
Selavri A K	31736
Selbekk E	15644
Selbo M L	92078
Selby J P	62542
Selby W E	74533
Selden M G	83634
Seldera F V	64095
Seldner A	62922
Seldon A	8560
Seleger J	2093
Selekh M A	93212
Seleznev A	31540
Self F W	65060
Selfatifskii V A	54871
Seliber G L	87276
Seligman R	64611
	70272
Selimos G	79626
Seliskar C E	64540
Selivanov A	44222
	53216
Selivanov A I	78685
Selivanov A V	33398
Selivanova S N	43551
	60975
Selke E A	5515
Selke W	40724
Sell	4403
	4404
Sell F W	92791
Sell H M	29357
	73229
Sell O E	73580
	76198
Sellards G	24335
	24336
Sellars K	41580

	Item
Sellers A F	15478
	15479
Sellers G	88416
Sellers K C	23356
Sellers T F	41887
Sellers W F	60875
Sellers W O	37816
Sellier R	43897
	61276
Selike K	16635
	43228
	47441
Sellman M	32568
Sellnick M	34205
	43403
Sellschop J	1505
	57366
Selly C	46873
	80217
Selman R W	54526
Selonke P	12820
	14115
	19702
	66570
	89665
Selskapet for Norges Vel	37412
	39181
Seltzer R E	46213
	54194
	54412
	62654
	63438
Selunskaîa E I	67683
Selva Andrade C	21569
Selvarangan R	9358
	9359
	95312
Selvaratnam E M	56715
Selwood P W	63069
Selzaete A de	21821
Selzer O C	23975
	42561
	60057
Semak I L	32669
Semashko A	25956
Semb G	75804
Sembianti R	56440
	58606
Semeniuk G	64385
Semenîuk I	44223
	61422
Semeniuk V A	27158
Semenov A E	43552
Semenov I M	31737
	31738
	90653
Semenov L K	79309
Semenov N P	4785
	23464
Semenov P	46453
	63554
Semenova E	9961
Semenova-Tîan'shanskaîa A M	49310
Semenova-Zabrodina S P	82941
Sementovskaîa N	46874
Semenza C	70413
Semergei K I	982
	983
	984
Semerikov P	59918
Semibratov I	35087
Semichastnyi V	37985
	71904
Semikhnenko I	34904
Semikras A I	67942
Seminario C	84201
Semko IA	39283

	Item
Semko P	63439
Semmett W F	69985
Semon W L	54824
Sempio C	89549
Semple A T	1450
	20712
	73614
Semple G A	43353
Semple W J	86115
Semprini P	35692
	42016
	59518
Semthiti T	27287
Semushkin N R	32405
Sen A	13781
	40982
	49526
Sen A B	11908
	28941
Sen A T	83115
	83116
Sen B	1126
	1245
	8901
Sen D L	1294
	18146
	18147
	79302
	81925
Sen K C	22855
	23156
	45053
	63440
Sen K R	18148
	54158
	54159
	94983
Sen M K	94950
Sen N K	18665
	18730
	64694
	70954
	70991
Sen S	91341
Sen S C	9686
Sen S P	12462
Sen Gupta G C	16921
Sen Gupta P N	9363
Senachin I A	45054
Senanayake W	94264
Senaratna J E	89359
	89360
Senarclens V de	38103
Senay P	165
Senchurov K	50412
Senchurov K T	41297
	58703
Senden H van	81685
Senellart J	59595
Senevet G	75933
Senf H	61600
Sengbusch A von	70463
	70464
	94990
Sengbusch H G	16507
Sengbusch V	70464
Senger H	24274
Şengün A	93898
Sengupta G C	6631
Senianinova-Korchagina M V	56716
Senina N	31673
Senina N Kh	58665
Senior B	5193
Senior B J	5266
Senior R M	2094
Senior W S	71650
Senkushkin A E	90972
Senkushkin A F	67684
Senn C L	86604
Senn E	18149
	94991
Senn H A	28500
Sennels	74091
	81184
Sennels N J	2095
	2096
	74092
	74093
	90881
Sens H	4176
	9313
	95295
Sentex J	4405
	53992
Senze A	22778
	32782
Seoane M C	81773
	81775
Seppänen E W	40839
Sepulveda J M	6290
	30839
	49446
Serafimovich L	34905
Séramy R	84791
Seraphim H J	71999
Seraphim P H	72000
Serbin A	95682
Serbin S S	73690
Serchi G	87277
Serdechnyi A	58411
Serdiukova G V	24710
	43404
	60793
Serdunich M	52730
Serdunich S	24960
Serebrennikov	24646
Serebriakov I G	20394
Serebriakov N	25334
Serebriakov V A	33570
Serebriakova L K	91762
Seredin R M	29394
Serenkov G	56994
Serevo T S	75439
Serfontein P J	23877
Sergeev A F	60976
Sergeev L I	985
	1711
	20395
	29929
Sergeev P A	29782
	58348
Sergeev P N	1127
	95665
Sergeev S S	63527
Sergeeva G A	29783
Sergeeva V D	1842
Sergeeva V N	50653
Sergent E	24861
	61277
Sergienko I	63338
Sergovskiĭ P S	41399
Sergunin M	75289
Sericano E	9483
Séris G	35577
	35578
	69562
Serling M E	51416
Sermet A	77785
Seró P	72450
Serov M V	41323
Serpieri A	10190
	10191
	10566
	10918
	19056
	19246
	21897
	27669
	30876
	37234
	37539
	55127
	55551
	55862
	58472
	71218
	71670
	73458
	94587
Serpukhovitina S F	90695
Serr E F	603
	1869
	1870
	73252
	73905
Serra A	32783
	42218
	50903
	51264
Serra G	19140
	19141
	95130
Serra J	63019
Serra J A	89804
Serrano H	65199
Serrano L A	8403
Serrano P	72865
Serrano Mesa E	15660
Serrano Vicens R	91624
Serre L	5194
	5516
	5517
	5518
	27037
	45896
	54804
	87968
Serres E	18922
Serres J R	23514
Serres L	79022
Sers J	7016
	22071
	25245
	26233
	61381
	69509
Serschen K	53217
	86366
Sert J	6291
Sertoli A	42305
	48724
	51049
	55552
Serv Cooperativo Interamericano de Producción de Alimentos	6825 8917 14129
Servadei A	85873
Servais J	71521
Servant M	26933 54704
Servazzi O	20047 47442 81286
Servi G	2827
Servicios Agronómicos del Nitrato de Chile	67307
Serville Y	8034 38104 38119 55913 63922
Servif M	11604 89467
Serzhenko S S	72757
Sesaki K	67921
Seshadri T R	267 63171 77315
Seshagiri P V V	90090
Seshagiri Rao D	24752
Sessa G	79310
Sessler K	54527
Sessous	11272
Sesti G	67515
Setaire A	67406 85422
Setn J	41755
Seth S K	13738 14331 14543 14558 14575 14606 14691
Seth S P	95540 95542
Sethi D R	82789
Sethi R L	88417
Sethi S C	70992
Setinek K	83261
Seto K	84546
Setrakian A	54290 70518
Setser M S	93031
Setten G G K	83363 83420
Setton M R	36536
Setz F	31016
Setzer J	47108 82641 82761
Seu J	68026
Seufert H	53278
Seuss A	70152
Sevastopulo D G	17079 43839 43840 61242 78182 93343
Sevčík Z	18353
Severance C E	53340 69477
Severin H C	52502 78236 94174
Severo T S	83333
Severova A I	30354
Severson C	17468
Severson C R	71251
Severson H	17469 74884 78320
Sevian V J	74793
Sevim M	72941
Sevringhaus E L	80698
Seward W R	92774
Sewell A J	76564
Sewell B	16443
Sewell Mrs C W	71905
Sewell O K	68236
Sewell R F	60477
Sewell R L	32903 92764
Sexsmith J J	49311
Sexton J E	69289 86367 86368
Seybold A	19775
Seychelles Dept of Agriculture	63995
Seyfang W	16444
Seyffardt A L W	7824
Seymour E	76484
Seymour E L D	39751 57770 82441
Seymour F C	64217
Seymour G	14550
Seymour J	51797
Sezemov M	32670
Sezemov M K	67943
Sfiras J	54749 62955
Sfondrini	59372
Sgambati A	51265
Shabanov E I	90415
Shabashev A M	41354
Shachtman B E	88819
Shackelford H	40111
Shackelford R H	59885
Shackelford R M	23541 51433 84569 92778
Shackleton P	50502 77260
Shadrin I	48241
Shadrina Z F	82659
Shadskiĭ S	91505
Shadurko L A	53090
Shafer N E	25453 30594
Shafey M	72934
Shaffer B	93478
Shaffer C B	6036
Shaffer C H	14689
Shaffer F	84135
Shaffer M F	33314
Shaffer M H	42249
Shaffer N E	22856
Shaffer P F	86569
Shaffer R L	81116
Shaffer V	73253
Shaffner C S	23787 33123 33191 76685 76719 78395
Shafran A M	93032 4177 26306 26805 32275 53279 67895 90416
Shafranskaia V N	81287 89573
Shagan O	36647 62865
Shaginov D	45055
Shah C H	18937 88970
Shah D A	28097
Shah G L	89916
Shah K B S M I	39785
Shah K M	88543
Shah M J	3282
Sewell R F	60477
Sewell R L	32903 92764
Sexsmith J J	49311
Sexton J E	69289 86367 86368
Seybold A	19775
Seychelles Dept of Agriculture	63995
Seyfang W	16444
Seyffardt A L W	7824
Seymour E	76484
Seymour E L D	39751 57770 82441
Seymour F C	64217
Seymour G	14550
Seymour J	51797
Sezemov M	32670
Sezemov M K	67943
Sfiras J	54749 62955
Sfondrini	59372
Sgambati A	51265
Shabanov E I	90415
Shabashev A M	41354
Shachtman B E	88819
Shackelford H	40111
Shackelford R H	59885
Shackelford R M	23541 51433 84569 92778
Shackleton P	50502 77260
Shadrin I	48241
Shadrina Z F	82659
Shadskiĭ S	91505
Shadurko L A	53090
Shafer N E	25453 30594
Shafey M	72934
Shaffer B	93478
Shaffer C B	6036
Shaffer C H	14689
Shaffer F	84135
Shaffer M F	33314
Shaffer M H	42249
Shaffer N E	22856
Shaffer P F	86569
Shaffer R L	81116
Shaffer V	73253
Shaffner C S	23787 33123 33191 76685 76719 78395
Shafran A M	93032 4177 26306 26805 32275 53279 67895 90416
Shafranskaia V N	81287 89573
Shagan O	36647 62865
Shaginov D	45055
Shah C H	18937 88970
Shah D A	28097
Shah G L	89916
Shah K B S M I	39785
Shah K M	88543
Shah M J	3282

	Item
Shah N M	90154
Shah R C	68489
Shah S A	91270
Shah Z H	40744
Shahani K M	8007
	17893
	44600
Shahi R	89348
Shaikh Y N	39325
Shain S S	29784
	57311
	73615
Shaitan I M	774
	775
Shaĭturo L F	25866
Shakespeare J	15922
Shakhbazĭan B	44828
Shakhkel'dĭan B N	26940
Shakhov A A	90091
Shakhov G	22324
Shakhov V F	29766
Shakin A	26111
	53795
Shakir M H	75833
Shaklee W E	23780
Shakurov V Z	56753
Shalabanova N M	29745
Shalaev V F	4245
Shalagin V F	52310
Shaldenkova S F	90006
Shaligram G	45218
Shalkop W T	77118
Shall' G M	23002
Shaloiko F	63528
Shalon U	26975
Shalyt	22357
Shalyt M S	40366
Shambaugh G F	43578
Shamburger P	21214
Shames B	60177
Shamet'ko F	23003
	37235
Shamgin V	94867
Shamis D L	44603
Shamrai E F	53424
Shamshurin A A	62956
Shan K	58666
Shan K S	949
Shan R H	11504
Shanahan G J	6568
	24183
	24184
	24185
Shand H E	33693
Shand J W	69362
Shands H L	57136
	64422
	81264
Shands W A	93991
Shane G	10794
Shang K C	38923
	38944
	38980
Shanholtz M I	59373
Shanin L L	9604
Shank M E	36246
	36247
Shankar U	54835
Shankarappa B S	17137
Shankland H	4511
	29619
Shanklin J A	18150
	55422
Shanklin J F	14690
Shanks B	82790
Shanks G L	17252
	30595
	53150
	61507
	61508
	78528
Shanks J B	48065
	48066
Shanks P L	77094
Shanks R E	47282
	47283
	72422
	89795
Shannon E R	93213
Shannon F P	67516
Shannon J B	37764
Shannon J L	27670
Shannon M	36248
Shannon W L	88018
Shanor L	28669
	81118
Shantarovich P S	12406
Shapilov G	63529
Shapiro A IA	92344
Shapiro D	31868
	44145
Shapiro D S	33813
	93444
Shapiro H A	55128
Shapiro I D	34289
	43475
	68700
Shapiro J E	61093
Shapiro L	26187
Shapiro L I	54908
Shapiro R	53638
Shapiro V A	25070
Shapley W E	9732
Shaposhnikov A N	32569
Shaposhnikov G Kh	68848
Shaposhnikov V N	88008
Shapoval A G	71485
Shapoval A P	41461
Shapovalov A A	29924
Shapovalov I	25454
Shapovalov P T	82068
Shapovalova A I	33461
Sharapov M A	27159
Sharapov V I	60876
Shareĭskiĭ V E	77096
	84770
Shargaeva V A	33462
Sharikov K E	73758
Sharma A K	39220
	89416
Sharma A R	14583
Sharma G K	84381
Sharma G L	15842
	85274
Sharma K	89550
Sharma M I D	61002
	61003
	61023
Sharma O P	11909
Sharma P C	12563
Sharma P G	70993
Sharma P L	34124
Sharma R M	85165
Sharma R N	91158
	91159
Sharma V N	90143
Sharman I M	11062
Sharoiko E	45811
Sharon-Shtrikman N	53914
Sharonov V A	30355
Sharov A G	94137
Sharov I	40840
	58473
Sharov P S	32406
Sharp A J	12073
	28501
	89361
Sharp D G	51657
	60165
	81459
Sharp E F	37735
Sharp E L	64502
Sharp F S	92280
Sharp J C	22009
	22010
Sharp J G	63196
Sharp J W	26564
Sharp L	54291
Sharp L P	27704
	27716
Sharp M L	21194
Sharp P F	80442
Sharp R M	69363
Sharp S S	24462
	43271
	77316
Sharpe F J	1712
Sharpe F V	1713
Sharpe G	74885
Sharpe H B	74094
Sharpe M H	80524
Sharpe R H	2828
	49752
Sharpin M	37879
Sharples G C	48759
Sharpless R V	43530
	43531
	52560
	68760
	85456
Sharrock J N	42092
Sharsmith C W	64154
Sharvelle E G	357
	391
	11910
	12988
	36297
	38750
	56484
Shashin A	89666
Shashkin I N	39904
Shastry S L	71006
Shatalov V F	23666
Shaternikov F F	24639
Shatilov I	20713
Shatilov V A	53218
Shat'ko P D	23004
Shatkovskiĭ G I	77540
Shafskiĭ I	23405
Shafskiĭ I P	63339
Shattock W S	52989
Shattuck G B	67169
	67170
Shaulis N J	13119
Shaumĭan I K	2279
Shaumĭan V A	31160
	58474
Shaumyan V A	23157
Shaver J M	19663
	89385
	89386
Shavishvili M N	25867
	25868
	25869
Shavrygin P I	21548
	40542
Shaw A C	32119
	50584
Shaw A J	6292
	16445
Shaw A O	18021
	23191
	23251
	42035
	51190
	76156
	76207
Shaw B	39235
Shaw B T	986
	11340
	11342
	12457
	38317
	47128
	47131
	72253
	74534
	78713
	88375
	95760
Shaw C G	987
	20396
	38619
	47349
	47576
Shaw C L	18342
Shaw C R	12821
Shaw D E	56553
Shaw E	58119
Shaw E W	58722
	83395
Shaw E W Jr	74684
Shaw F R	16744
	24668
	34168
	43553
	52319
	68720
	68776
	68777
	77902
	93658
Shaw G R	22667
Shaw H	34125
	43354
	63197
	77541
Shaw I G	59727
Shaw J	24069
	68155
	87278
	92079
Shaw J A	52311
Shaw J C	4699
	15354
	15480
	23357
	41792
	67646
	76385
	83788
	84282
	84382
Shaw J G	16866
Shaw J H	89034
Shaw J N	54750
Shaw J P	6819
Shaw J W	51137
Shaw M	75989
Shaw M M	43553
Shaw N H	30596
	47913
Shaw P A	50449
Shaw R	36667
Shaw R B	5267
	5519
	15923
	24070
	42820
	53280
	60105
	68029
Shaw R H	12458
	58251
Shaw R W	54093
Shaw S	93893
Shaw S G	70887
Shaw T	79338
Shaw T J	53460
Shaw W C	12459
	12460
	13616
	30587
	49312
	64838
Shaw W M	58106
Shawver C B	60477
Shay F M	8742
	8902
	9889
	26525
	36212
	45390
	53461
	62543
	62544
	79417
Shay J R	492
	11845
	47577
	72759
Shcheglov I P	32570
	32671
Shcheglov S M	42484
Shchekin V A	23596
	84704
Shchekun G M	57312
Shchennikov I	66965
Shchepilov N S	4700
Shchepkina O I	40523
	40524
Shchepot'ev F L	717
	39921
	57627
Shcherbak F I	22358
	30127
	31161
	83024
Shcherbakov A P	39256
	90092
Shcherbakov A Z	57313
Shcherbakov E	79759
Shcherbakov P M	78426
Shcherbakova A A	47060
Shcherbakova G S	57882
Shcherbakova T F	83921
Shcherban' N P	23005
Shcherbina A	55423
Shcherbina P S	43355
Shcherbinin N M	49834

	Item
Shcherbinovskii N S	52137
	60598
Shcherbovich I A	67685
Shcherlin I D	31651
Shchetnev M I	84627
Shchinov P	44087
Shchukin A K	34126
Shchukin I V	79311
Shchurevskii V E	59968
Shchurov S	35021
	86479
Shea L J	17362
Shear C B	12322
	74923
Shear G M	13617
	73659
Shear S W	45473
Shearer D	54325
Shearer E B	46549
Shearer M	91439
Shearer M N	14116
Shearer P S	54605
	79749
	92484
Shearin A E	66243
Shearing D	45365
Shearon W H Jr	9484
	31246
	62427
Shebeski L H	28942
	48327
	70254
Shedd C W	7323
	68178
Shee B W	12888
Sheehy E J	10795
	19370
	19371
	23006
	37879
	44783
	51343
	59801
	67308
	68318
	84220
	84476
Sheets A	39048
Sheets E W	23158
	76129
	92710
	95250
Sheets G F	1451
Sheets O	72132
	73255
	74497
Sheffield C A	10796
	28021
Sheffield E S Jr	26610
Sheffield F M L	339
	56616
Sheffy B E	24275
	43108
	51938
	60440
Sheffy B F	16073
Shefki D	41888
Shefki M D	18003
Sheftel' I M	43841
	57511
	82199
Shegurowa N	50784
Sheikh A H	33507
Sheina K S	39554
Sheĭnin ÍA G	22509
	91968
Sheĭnin B I	34906
Sheinis TS	79675
Shekleton M C	63938
Shelburne V	9413
Shelby H	89138
	89139
	89140
Shelby J	34799
Shelden F F	77996
Sheldon F R	3729
Sheldon H D	80426
Sheldon R	15481
	30696
	30697
Sheldon V L	12461
	30942
Sheldon W H	61452
Sheldrake R Jr	40153
	62584
Shelest P S	63530
Shelford V E	52902
	78287
	84477
Shelikhovskii S S	68281
Shellenberger J A	46942
	68510
	79621
	87669
Shelley R	1452
Shelley R W	9107
Shelley U	28196
Shelor E	79515
	79531
	87508
Shelton E J	36668
Shelton F A	2573
	91305
	91306
Shelton G	13618
	65200
Shelton M	41756
Shelton R	47101
Shemetkov M F	21466
Shemŝakin P N	27160
	46022
Shemilt H J	35606
	37615
	71348
Shen S C	81760
Shen T H	27562
	80018
Shendereťskiĭ E I	74095
Shendge P Y	20536
Shenefelt R D	3494
	16636
	52191
	52825
	72602
	72603
	85390
	93479
	93480
Sheng G	64695
Sheng T C	38995
	64695
Shenhav-Hetman A	53850
Shennikov A P	47726
Shenton F C	11081
Shepard C E	64552
	64574
	72866
	72867
Shepard H B	58994
	75522
Shepard H G	76130
Shepard H H	8404
	26301
	32276
	52190
	55996
	75805
	81185
Shepard N A	79992
Shepard P H	30128
	60599
Shepard W C	47578
Shepardson C N	10797
	46426
Shepardson E S	44365
Shephard C Y	40367
Shephard E	78763
Shephard H H	62320
Shepherd A D	36164
Shepherd E	34378
	62259
	70017
	79044
	79045
Shepherd G	78764
Shepherd H H	45118
Shepherd H W	21043
	65751
Shepherd J B	32672
	34940
	37590
	48527
	57336
	59802
	83798
	92218
	92224
Shepherd J L	86457
Shepherd J M	60471
Shepherd J R	42638
	48528
Shepherd J T	15169
	15709
Shepherd K	47284
Shepherd R E	40112
	49079
	57771
	90882
Shepherd R F	61196
Shepherd W	87279
Shepherd W O	12097
	50199
	50395
Shepovalov T I	63138
Sheppard C W	43875
Sheppard D	94868
Sheppard E M	60326
Sheppard M	15605
Sheppard N	6658
Sheppard P M	43842
Shepperd R	78667
Shepperson G	69235
Sheptun M S	36960
Sher B L	1246
Sher S A	81363
Sherbakoff C D	408
Sherburne R	37693
Sheremet I P	57481
Sherff E E	28604
	28605
	89362
	89363
	89364
Sheriar K C	28807
	66168
Sherman C B	26497
	46606
Sherman F III	5970
	16745
	60877
Sherman G A	6072
Sherman G D	8393
	8394
	30774
	31017
	40485
	58171
	74448
Sherman H C	55897
Sherman H M	30356
Sherman J	76669
Sherman L W	1860
	12928
Sherman M	16637
	24417
	52138
	77873
Sherman R W	26561
	93481
Sherrard D	2097
	21001
Sherrill W B	28022
	62545
Sherry R F	43614
Shershnev E	10956
Sherstiuk D	34907
Sherwin A	63020
Sherwin H S	56518
Sherwin R A	36820
Sherwood D H	23878
Sherwood E M	7160
Sherwood I R	95539
Sheskey W	95251
Shestakov A	21768
Shestakov A G	988
	12551
Shestakov M M	95665
Shestakov V	39387
Shestakova A	47646
Shestoperov G P	58831
Shestov G	3443
Sheth D S	39431
Shetland Pony Stud-Book Society	33020
Shetty K S	71906
Sheu T C	81686
Sheuring J J	8303
	59596
	62260
	76204
	76228
	94869
Shevchenko F	63021
Shevchenko F P	358
	1453
	20048
Shevchenko I	34908
Shevchenko I S	5982
Shevchenko S	1247
	94335
Shevchenko V	24640
Shevchuk I	46716
Shevchuk T N	1128
Shevelev F	4817
Shevkalenko S	53204
Shevkun ÍA A	85164
Shevkun V	91979
Shewan J M	27229
Shewell G E	43554
Shewell-Cooper C R G	65752
Shewell-Cooper W E	2098
	2099
	2100
	2280
	2498
	12989
	13063
	13383
	13384
	13385
	21002
	21195
	21196
	22072
	22073
	30129
	30357
	30470
	30471
	30472
	39691
	39692
	39752
	40113
	40114
	40233
	40234
	47443
	48680
	49214
	57772
	57773
	60600
	65352
	65753
	65902
	72760
	74096
	82442
	82443
	82527
	82528
	90883
Shibaev E	61542
Shibahara F	82531
Shibata M	1065
Shibata N	50331
	50385
Shibatsuji T	34379
	34380
	34594
	34595
Shibukawa J	40853
	82899
	83121
Shibukawa K	72692
Shibutani S	82529
Shibuya M	56847
Shichijo T	64851
Shickluna J C	58120
Shields E B	30809
Shields Mrs C L	65754
Shields H	39555
Shields J	45676
	91127
Shields J B	53895
Shields J W	78563
	86369
Shields L M	38945
	81687
Shields R H	27161
	46023
	72067
Shields S E	43610
	52603
Shiga S	11065
Shiga T	80903
Shigematsu Y	49080
	92122

Shigesawa S 41487
Shih S C 39632
Shihata A M E T W 34381
Shik B I 95665
Shikano S 26739
Shikano T 24463
26736
26738
Shikhardin S 46427
Shilkin J 46717
42219
59969
67407
Shilko V 20510
Shilkov A 10798
Shilkov A A 50785
59803
90941
Shill O W 21197
21198
Shiller H O B 42932
49313
Shilova E I 2621
21570
Shilova-Krassova S A 31763
Shilovich M 44931
Shimada H 29582
Shimada M 80904
84877
Shimada T 90093
Shimamoto T 25870
Shimanskiĭ N K 38996
Shimeoni A 1638
Shimer H W 28455
Shimichev A 26418
Shimizu M 2101
74097
74098
82444
Shimizu S 18230
18322
62611
Shimizu T 66675
93260
Shimko M 55424
Shimmin A N 8561
26419
Shimokoriyama M 87360
Shin T 28638
28639
Shinano N 16638
Shindo S 29620
Shiner E 86279
Shingler D G 21614
Shingler G P 3761
22692
22693
41594
Shintâeva V A 24641
Shinn F S 3645
Shinners L H 166
167
168
169
170
38482
72423
Shinohara H 65755
Shinohara K 86069
Shinohara S 49215
Shioda T 82586
Shioiri H 26611
Shipinova S I 589
Shipley F 46875
Shipley G B 41425
Shipley N 10799
Shipman E 5085
Shipman H J 52578
Shipman L C 54396
Shipov S N 31451
Shippers Advisory Committee 18261
Shippy B L 2102
13386
82445
Shipstead H 17894
Shipton J 79516
Shipulin A 31652
Shipulin A I 31739
Shiraishi A 50280
Shiraishi K 62428
Shirakawa K 9789
Shirakawa M 90171
Shiraki T 60601
Shiranovich P I 61293
Shiratori T 28417
Shirck F H 34714
Shiriaev M F 30473
Shirin B 21437
Shirinov D A 79312
Shirinskiĭ I D 37067
Shirky S B 10800
38303
68156
Shirley A R 22694
Shirley E 83025
Shirley H L 66825
Shirley R 3762
3763
Shirley R L 5387
33710
42704
Shirname T G 88544
Shirokov P I 34127
Shirpurkar G R 29061
Shisa M 56915
Shishelova N A 39257
Shishido T 86562
Shishikin E A 77542
Shishkin A I 57316
Shishkov G 10801
Shishkov G I 73758
Shishkov K N 49381
91251
Shishniashvili E E 58911
Shitov A N 22406
Shiue C J 83627
Shivapuri C N 52312
Shkarupa V T 7135
Shklâr M Z 82731
86758
87362
Shkol'nik M I 90008
90094
Shkol'nik R I 12531
Shkol'nikova E 36647
62865
Shkol'nyĭ N 20632
Shkonde E I 2880
71593
89105
Shkurgin A V 23596
Shkurova V 48368
Shkvar I I 49753
Shkvarnikov P K 49216
Shlâkhanov L 22134
Shlâpnikov E G 41889
Shlomi A 91440
Shmagina Z 57883
Shmakov N P 67408
Shmaliĭ K V 23652
Shmal'ko V 36886
57137
Shmatchenko A 34924
Shmatchenko A N 7156
Shmidt G A 4178
Shmuk A A 64096
Shmulevich A I 23358
Shnaĭder E E 36902
45973
63094
Shneider I U I 47610
Shnel' K N 92345
Shneour E A 76755
Shnitser S 59236
Shockley D G 58475
Shoda S 75728
Shoemaker F B 35190
Shoemaker J S 29906
39698
57840
65846
74112
74173
Shoffa N 25455
Shoffa N F 35022
Shoffner R N 23880
Shogren C B 8304
18004
Shohet A E 70994
Shoho C 50849
59374
92346
Shoji M 93525
Shollenberger J H 95194
Sholton E J 39432
48369
Shomo H 5195
45897
84835
Shomon J J 96183
Shomosh A 21312
Shomson H A 34738
Shonkwiler O 2881
4818
42306
52013
76485
82942
Shontz M E 93021
Shoobridge D W 75338
Shoobridge H W 40769
Shook J C 51169
59689
Shope R E 5842
Shope W R 80699
Shorb D A 85275
Shorb M S 42610
86554
Shorland F B 25985
35679
36821
62815
Shornikov I 27409
Shorokhov V 9962
Shorrock R W 49601
Short B E 7474
Short E H 9713
Short F R 78725
Short G E 67686
Short J R T 16922
43843
85922
Short L R 82063
90417
Shortall J P 40942
Shorten H L 76987
Shorthorn 15315
Society of the United Kingdom of Gt Brit and Ireland 51050
51051
67517
Shortt H E 15482
Shoshan A 4246
41890
42220
83940
Shoshina M 6569
Shoushan A A M 40115
Shovkoplias I U 94393
Show S B 83262
Showacre J L 73309
Showalter R K 79418
79458
87460
Showell J L 14117
Shpakovskiĭ V A 82070
Shpilenâ S E 47860
Shpilevoĭ I A 27162
Shpolânskaâ A L 62739
Shrabstein G 27671
53140
Shrader H L 18675
33463
36834
60254
76715
87918
Shrader R E 27068
83610
Shrag V I 91271
Shrand D 9890
Shreck F J 17387
25456
69499
Shreider M 34909
Shreve R L 27714
55451
Shrikhande J G 3120
11146
15379
40983
Shrimpton D H 75747
Shrivastava R C 70995
Shrum J E Jr 47989
Shryock H S Jr 27890
Shtakel'berg A 28317
Shtakel'berg A A 60515
60977
Shtal'berg S 44931
Shtandel' A E 25071
Shtatnov V I 82732
Shteĭman S I 59804
Shterenberg P M 40525
Shtifanova V I 20250
Shtraukh S A 38751
Shtukenberg E K 56355
Shu P 56995
64902
Shubert M L 47756
Shubert T A 25784
25843
Shubin A E 68218
Shubin M 94870
Shuckla U N 62900
Shuel R W 20397
29395
Skuf'in K V 24863
Shugg O J W 8081
Shuh J E 12822
54528
73377
Shuh J R 75796
Shukis A J 6073
Shukla J P 95540
95541
95542
Shukla R K 64147
Shulenin M 27672
Shul'ga M S 74211
Shulâk E T 78928
Shulâumova E S 59970
Shull C 44407
Shull C A 81688
Shull G H 81509
Shull S C 35348
Shul'man G 26160
Shulman S 23337
Shulov A 86044
Shulstad O H 39305
Shultis A 27038
27705
27707
37575
37578
46454
63555
63562
71622
80330
80331
86370
88563
88564
Shul'ts M A 23069
Shultz E N 23159
Shultz F 42912
Shulyndin A F 39185
Shumakov A M 2281
Shuman C B 35349
Shuman C K 3043
Shuman R D 93271
Shumeiko I P 88086
Shumilenko E P 47579
Shumilin N F 51789
Shumilkina N A 56717
Shumkin N P 34128
Shunin P 53219
Shura-Bura B L 60978
93900
Shurtleff M C 19949
24418
24419
77730
Shurygin A P 91169
Shustov V A 7400
Shustova A P 48026
Shustovskii F A 67409
Shutak V G 1843
58387
Shute P G 24906
43595
43596
Shutova F I 76486
Shufs'kiĭ Kh 6879
Shuttleworth D 1454
42017
51052
Shuttleworth D W G 71594
Shuttleworth R G 79058
Shuttleworth S G 45724
70888
79760
Shutts C F 12098
Shuvalov IU A 1248
Shuvalov S A 91144
91405
Shuvalov V 26169
26234
94871
Shvanvich B N 24642
Shvets, F K 34108
Shvetsov N 10528
Shyk B I 57481
Shyke I 72170
Siaens F 13998
Siam Ministry of Agriculture 10192
Siam Publicity Dept 95767
Siat J R 9109
Sibbitt L D 57081
79583

	Item
Sibilia C	359
	456
	590
	64503
	72604
	72715
	73256
Sibley C L	92934
Sibley W A L	94992
Sibly P M	48183
	73346
Sicart M	93894
	93931
	93932
Sicer J W	18711
Sicily Istituto Sperimentale Zooprofilattico	32407
Sick E	75934
Siddappa G S	35561
Siddigi S	13027
Siddiqi A I	37986
Siddiqi K A	87280
Siddiqi M	4775
Siddiqi R H	74212
Siddiqui A H	58049
Siddiqui R H	1714
Sidebotham D	82900
Sidel'nikov M V	49081
Sidor C	9826
Sidorenko K	85690
Sidorin A	91342
	44784
	44942
	94736
Sidorov I S	32673
	39388
Sidorov M	78515
Sidorov N I	41891
Sidorova A V	42195
Sidwell R W	1780
Siebeck L	90884
Sieben W H	12823
	58476
Siebenberg J	62740
Siebeneick	8903
Siebeneick H	26631
	30474
	54292
	65903
	70596
Siebenga H	20820
Siebenga J	15316
	90973
Siebenthaler J D	65756
Sieber G	91625
Sieber J	3193
	27410
	46201
Sieber R	75627
Sieber S	44304
Siebert G	32784
Siebert L	37566
	38239
Siebert R	15645
	62878
Siebke	95627
Siebs E	28941
Sieburth J F	17134
	47007
Sieburth J M	33243
	76763
	93033
Sieburth L R	989
Sieck H	95195
Sieck K A	4247
	7252
Siedentopf H A	16050
	77037
Sieder L	78183
Sieg H	65757
	65758
	90885
Siegel J J	14251
	64839
Siegel M	18293
	26547
	26612
Siegel O	41566
Siegel S M	81689
Siegenthaler E	45056
	53769
Siegerist M	32465
Siegfried A	8562
	9765
	14226
Siegfried H	45050
Siegler E H	77786
Siegler K	17090
Sieglinger J B	12636
	16177
	73057
Siegmann O	51266
Siegmund	31764
Siegmund O H	32906
Siegrist H	77903
	79517
Siegrist J C	84705
	85276
Sieker J	83460
Sieling D H	49421
Siemińska J	81075
	81076
	81077
Sierens G	5817
	42193
Sieiro F	23007
Sierra H M	21898
Sierra J A	81887
Sierra J de la	8563
Sierra V J L	2829
	29396
Sierra Leone	19502
Sierra Leone Dept of Agriculture	63996
Sierra Leone Forest Dept	3558
Sierra Leone Produce Marketing Board	94553
Sierra Leone Soil Conservation Team	21967
Sierra Leone Survey and Lands Dept	88519
Sierzpowski A	23657
	28318
Sietema W	62050
Siev D	29397
Sievers A F	62957
Sievers E	57314
	73305
Sievert C W	3944
	92974
Siffredi A	39905
Sifren D	9108
Sigafoos R S	13757
	66147
Sigalov B IA	30358
Sigel A J	41567
Sigfrid H	32571
Sigl F	53091
Sigle K	70543
Signol J	4701
	23359
	51267
	76386
Sigsworth E M	45231
	94993
Sigurdsson B	68259
	68260
	93599
	93175
Sigurdsson P M	50786
Sigvaldason B	10802
Sihtola H	18134
	50556
Siimes F E	41386
	41462
	59035
	75706
Siipi J	37641
Sijbesma I	33544
	93193
Sijpesteijn A K	23360
Sijtsma P	9891
	18923
	28098
	37174
	37567
	46172
	55080
	63293
	63294
	63295
	63556
	71299
	71300
	71301
	71617
	80081
	80082
	80083
	88261
	88262
	88263
	88264
	88265
Sikar	92740
	92745
Sikes D	15483
	32785
Sikes L M	40908
Sikorski J	94994
Silbereisen K	62741
Silberschmidt K	56916
Silberstein L	44653
	61908
	69767
	94633
Silberstein O	49754
Silcox C N	18049
Silen R R	66966
Silenko Z V	29785
	90418
Sileva M N	29297
Silfverberg B	21769
Silin A G	53120
	58349
Silin S I	84018
Silina A A	3397
	39081
	89993
Silina N P	27163
Silishchenskaia O M	44604
Silk W H	42562
Silker R E	8405
	22847
	50753
Sill W H Jr	72868
	81346
	89708
	89732
	89733
Sillans R	13725
	64178
	64218
	64219
	64220
	64221
	64604
	80929
	89365
	89796
Sillcock K M	4819
	42307
	76487
	78978
Silleck M L	4950
Siller F L R	11911
Silliker J H	87281
Sillion	55943
Sillion M	36433
	72146
	87670
Siloret G	82071
Silow R A	48328
Silsbury J H	90419
Silson R G	84792
Silter	4179
Silva A da	35023
Silva A A da	28660
Silva A C da	15571
Silva A H da	18343
Silva A R da	493
	12669
	20598
	30598
	66425
Silva A R P da	28502
	28606
	72424
Silva B B da	33746
Silva B L T de	81026
Silva C J S	20025
Silva D A T da	47061
	82276
Silva E	63591
Silva F E da	9485
Silva J A da	18151
Silva J A de	14596
Silva J A P	86930
Silva J F da	47137
Silva J J F da	30698
Silva J N da	56321
Silva L P da	19446
Silva M	9486
Silva M A da	94995
Silva M I da	4930
Silva M R da	1844
Silva N A da	2388
	35024
	61543
	69068
Silva P	7825
Silva R B	9525
	79848
Silva R L da	65279
Silva T L da	68849
	68860
Silva V B	81544
Silva W	2282
Silva W J da	23161
Silva Aramburu J	88908
Silva Calvo J S	20024
Silva Filho F S da	86918
Silva-Goytia R	85592
Silveira A H da	8904
	9364
	18005
	18598
	20498
	26896
	36669
	55722
	80525
Silveira G G da	10576
	19057
	39753
	88820
	88821
	88903
Silveira H de S e C P da	1455
Silveira J L	95876
Silveira P da	1781
Silveira V D	360
	81186
Silveirinha R	31018
Silvela Tordesillas F	9110
Silver A E	86480
Silver B E	38105
Silver E A	90420
Silver J	15484
Silver M	42193
	59728
Silverman G J	79093
	86992
Silverman P H	60979
Silverstein S	25957
Silvestre A M	19553
Silvestre V	49991
	69537
Silvestri F	86004
Sil'vestrov A D	41426
Silvy-Leligois P	31574
Sim J T R	57138
Simak M	3263
	58783
Simakin A I	58350
Simão S	30475
Simbriger F	53092
Sime J T	59564
Simek F	18611
Simeone D H	59691
Simerl L E	69651
Simerl L H	55050
Simes R M	37616
Simeunović D	66789
Simeunović D S	66826
Siminoff P	40495
Simintzis G	34129
Simkin B	9963
	25300
Simkins C	58279
Simkover H G	3494
	16636
	52135
	52191
Simmonds F A	22668
	41568
	59078
Simmonds F J	25072
Simmonds H W	56441
Simmonds J K	65759
Simmonds N W	19777
	20877
	47284
	48736
	48760
	57512
	81690

	Item
Simmons E G	64307
Simmons E K	36587
	62791
Simmons F C	83492
	83515
Simmons G C	23008
	59929
Simmons J A	1925
	2344
	49253
	74254
Simmons L G	71486
Simmons P	16967
	24965
Simmons S W	55997
	60638
Simmons V N	26235
Simmons W M	9568
	54805
Simms B T	83941
	84383
	84712
	93273
Simms W	26843
Simochkina M A	48031
Simomura T	47735
Simon A	33945
Simon A A	84956
Simon E I	23446
Simon E W	56771
	90095
Simon F	9163
	68580
Simon G	26526
	39693
Simon H S	24446
Simon I	59375
Simon J	67687
Simon K J	32209
	76716
Simon L	67768
Simon M	2787
	9687
	31019
	54398
	91174
	91343
	93214
Simón R E	40235
Simon-Lorière J L	26236
Simonart P	44426
	44726
	44829
	54836
	54837
	70018
	70019
Simoncini E	95252
Simonds A O	47650
Simonds H R	79891
Simonds W A	7826
Simonds W W	83421
Simone V de	32210
	70898
	76670
Simonen S	51053
Simonenko G	30438
Simonet M	29163
Simonet P	24862
Simonetti A	77928
Simonetti F	10577
Simonis W	64840
	73211
	73257
	81691

	Item
Simonneau P	20398
	21899
	40841
	48761
	49928
	89247
Simonnet H	15179
	35693
	50904
	59237
	75938
	79046
	83942
Simonov I N	39186
	39906
	56917
Simonova A	58607
Simonova K F	9121
Simonpietri R H	4180
	23009
	24125
	51798
	60327
	68219
	87806
Simons A L	17798
Simons C S	67429
Simons D	66467
	79566
Simons G	82901
Simons G B	66426
Simons H M	52140
	53365
	67309
Simons J N	592
Simons J W	79622
Simons R K	57447
	58351
Simonsen H	51112
	59771
	67559
	92206
Simonson E	63918
Simonson H D	53993
Simonson R W	13743
Simonsson A	75460
	91990
Simović B	92958
Simoyama T	28951
Simpfendörfer P	71595
Simpson C F	23361
	59729
	92651
Simpson C V	12581
Simpson D M	73490
Simpson E	28188
Simpson F H	50500
Simpson G	72425
Simpson G G	33090
Simpson G H	51939
Simpson G W	89734
Simpson H V	14668
	22434
Simpson I A	55944
	55945
Simpson I G	7134
	10417
	27746
	71651
	71652
Simpson J	36045
	77543
Simpson K	81817
Simpson R	73214
Simpson R G	52192

	Item
Simpson S A	28241
Simpson T R	14118
Simpson T W	6618
Simpson W A	23362
	59519
Simpson W H	36952
Sims A J	26976
	31020
	44785
	55425
Sims F O	84478
Sims H J	49755
	73415
	73416
Sims J W	19463
	46876
Sims R	36822
Sims R G	9111
Sims R J	36729
	87898
Simshäuser	41148
	75194
Simunić B	76131
	92432
Simvol P	36537
Sinanovic S	14119
Sinch H N	57981
Sinclair A T	91074
Sinclair D P	68224
Sinclair F H	36588
Sinclair G D	26726
Sinclair J	38483
Sinclair L R	85107
	85130
Sinclair S	38327
	54529
Sinclair W B	24830
	34349
	36094
	45313
	52193
	94083
Sinclair Refining Co	69290
Sincock R L	1782
	1845
	3085
	7017
	9641
	18712
	18958
	22713
	30047
	32144
	39754
	41016
	43356
	52313
	58477
	60736
	62800
	70996
	71487
	79353
	85222
	87342
Sincora K	18599
	26897
	35427
Sind Dept of Agriculture	
Sindelić L	92176
Sindical Vertical del Olivo	9487

	Item
Sindicat Nacional del Olivo	87840
Sindicato de Frutos y Productos Hortícolas	36141
Sindicato Nacional de Ganadería	23591
Sindicato Vertical del Olivo	26969
	26977
	36751
Sindjelić M	88202
Sine L	55553
Sineath H H	78714
Sineshchekov A D	32408
Singapore Botanic Gardens Dept	72313
	80905
Singapore Dept of Co-operative Development	37987
Singer G	93476
Singer G C	78673
	86491
Singer H W	10193
	71488
Singer J B	50605
	59111
Singer K	61085
Singer R	11605
	11606
	72518
	81119
	81120
Singer S J	12025
	73341
Singer T P	62742
Singh A	10366
	27260
	46428
	88545
Singh B	11912
	72001
	72761
	81288
Singh B R	9144
Singh C	6797
	18836
	59079
Singh G	6878
	10366
	39187
	85165
Singh G B	15485
	42221
	42384
Singh G S	14178
Singh H	59805
Singh H B	47194
	61014
Singh H S	95819
Singh I S	12462
Singh J	10366
	11684
	22733
	27205
	60178
	61023
	63172
	88126
	93933
Singh K	15480
	56820
	66148
	66186
	74358

	Item
Singh K	74685
	81441
	82943
Singh K K	62620
	70664
	95123
Singh K P	14177
	14519
	14597
Singh L	95133
Singh L B	1715
	58050
	66080
Singh M	5987
	16446
	23160
	55863
	58280
Singh M M	1184
	41507
	75580
Singh M P	11410
Singh P	14575
	50301
	89251
Singh R	1397
	6680
	8651
	49217
Singh R N	12224
Singh R P	10194
	82902
Singh R S	11005
	11913
	81288
Singh S	45450
	72210
Singh S B	1530
	2283
	39300
Singh S D	50071
Singh S N	29398
Singh S V S	75935
Singh T	88418
Singh T C N	72314
	81692
Singh T P	18866
Singletary C B	15382
	16076
	76325
Singletary C C	990
Singleton A G	33600
Singleton G	30476
	54216
Singleton H P	48242
Singleton J A	17985
	35762
	35828
Singleton V L	81776
Singletor W R	20399
Singleton W S	36701
	54751
	54758
Singsen E P	5268
	15798
	33237
	51592
	60106
	68030
	84836
	92975
Sinha J P	7442
	10903
Sinha M K	94682
a N P	89869

	Item
Sinha S	81098
Sinha S K	60145
	76387
Sinha V	16795
Sinfaeva E A	67888
Sinfagin I	57384
Sinfagin I a	56918
	62321
	65269
Siniscalchi A	88611
	95762
	95890
Sinitskaia I G	36090
Sinitsyn A I	49218
Sinfutin V I	59251
Sin'kovskii L P	12099
	57315
Sin'kovskii V P	1846
Sinks A H	19247
	92565
Sinnett W H	85166
Sinniah S A	92652
Sinnott C N	36325
Sinnott E W	29123
Sinnott W E	12177
Sinoir Y	89910
Sinreich A	78184
Sinskafa E N	39556
Sinxoto G S	29907
Sioux City Stock Yards Co	45677
Sioux Falls Stock Yards Co	45678
Sipe H	31788
Sipilä M	44274
Sipin C C	23010
Sipkens J	56919
Sipkes C	17308
Siple P A	66149
	66150
Sippel A	87282
	87283
	94996
Sippel W	32786
Sippel W L	23279
	59730
	59731
	76388
Sippel W M	5843
Siqueira N de	62168
	88910
Siqueira R de	4181
Sirajuddin	8305
Siraj-Ud-Din	26009
	39786
	95216
Sircar S M	12463
	72942
Sircar S S G	18743
	36889
Siregar H	48067
	64701
	90273
Siren G	50258
Sirik V	26237
	53994
	94872
	94873
Sirjaev G	28607
Sirks M J	38997
	56167
Sirny R J	32277
	59238
	87754
Sirochenko I A	40742
Sironval C	718
	12464
	73258
Sirota I	55047
Sirotenko A A	1049
Sirotti G	1249
	57385
Sirotti L	74399
Sirum B	9642
	10804
	11715
	46356
Sisakfan N M	12552
	17799
	27164
	39258
	90177
Sisal Research Station Mlingano	1300
Sisam J W B	31360
Sischo M A	50228
Sisk W N	13878
	21583
	30819
Sisler H D	19985
Sisler W W	1208
	20599
	29588
	57139
Sisley C	77787
Sison J M	49082
Sitaraman N L	16639
Siter Mrs F H	40116
Sites J W	31162
	61092
Sitholey R V	11411
Sitler H G	2979
	8406
	19184
Sitnik A F	40423
Sitnikov I A	90974
Sitnikova M M	32787
Sitter F	32278
Sittig	31765
Sittmann P	44008
Sitton B G	13999
	21770
Sitwell Sir G R	30359
Siu R G H	18152
	36046
Siubarova E P	90654
Sfurin V N	23947
	51632
Sivaraman M S	12670
Sivaraman V	80049
Sivasamban M A	70997
Sivasubramaniam V	43495
Sivaswamy K G	88419
Siverly R E	16740
	77900
Siviero G	31075
Sivokhin V P	77544
Sivolap I	35217
	53398
Six J	51430
	76582
Sizemore W R	91715
Sizov I A	20241
Sizov N F	45232
Sizova A V	4182
s'Jacob E H	63639
Sjetne E	11716
Sjetne O	7937
	7938
	44605
Sjo J	87509
Sjöbeck E	48812
Sjöberg G H	28456
Sjöberg K	51652
	59724
Sjögard M	44108
Sjögren E	38052
	61382
Sjogren S	16447
	60737
	93659
Sjollema B	4702
	23252
	76389
Sjollema P	15487
	84136
	84384
Sjöman H	35127
Sjors H	64841
Sjöström G	8008
Sjöström L B	9112
Skaare S	1456
	39301
	49756
	90421
Skachkov A I	25575
	35128
Skachkov I	21900
	64097
Skachkov I A	39282
Skaggs S R	59239
	70323
	70324
	76229
	79205
Skalaa O	50418
Skala H	77180
Skalamera J J	36986
	70655
Skalinska M	89870
Skalinskii E I	42484
Skalla E	5269
Skaller F	42563
Skalon O I	61317
Skaltveit T	53744
	86891
Skandinaviska Kreatursförsäkringsbolaget Stockholm	27318
Skaraborgs Läns Froodlingsforening	54864
Skaraborgs Läns Hushållningssällskap	47580
Veterinäravdelningen	50905
Skaraborgs Läns Kontrollförening	51344
Skärby R G	22359
Skard O	12936
	12990
	13064
	39755
	49757
Skard T	2103
	56038
Skarman S	51799
	84570
Skatkin P N	23597
	33021
	33022
	84628
	84629
Skau D B	9051
	62944
Skau E L	9394
	18613
	95329
Skazkin F D	39188
	81693
Skei I E	41929
Skeimo E	16448
Skelley G	10805
	19372
Skenderovic G	79697
Skene J K M	40557
Skerman K D	66014
Skerman P J	21602
	21640
Skerman V B D	48184
Skermer F R	36435
Skerrett E J	85462
Skewes R G	3574
	22596
Skiba T M	51940
Skibnevskafa N N	57884
Skidmore E	46864
Skiff J V	22086
Skinner C E	93033
Skinner F A	66214
Skinner F L	13387
Skinner G W	19277
Skinner H H	23710
	59999
Skinner H T	40117
Skinner J W	58526
Skinner S O	69199
Skipper C C	43556
Skirgiello A	28713
Skjelmerud H	67062
Skjerven O	42222
	92347
Skjervold H	4406
	4407
	32466
	32572
	59520
	67518
	92177
Skjervolk H	4820
Skjørten K	32027
Sklar A L	79971
Sklfarenko A	55129
Sklfarov I I	25871
Skodshøj H	37988
Skodvin K	7188
Skog R E	14568
Skogan O	50413
Skoglund W C	34831
	42622
Skogsborg J	78185
Skold L N	91344
Sköldin G	2284
Skole R D	53941
Skolnik A M	71227
Skomorokhov A L	32409
Skoog F	228
	29194
	29264
	56867
Skoraszewsky W	11273
Skornfakov S	57885
Skornfakov S M	20511
	20714
Skorodumov A S	11274
	40894
Skoss J D	40118
Skottsberg	38240
Skou W	2104
	13388
	48087
Skovgaard K	37413
	48591
	52990
	79623
Skovgaard O S	68903
Skrabanek R L	37880
	63751
Skraup S	88009
Skraup W	95461
Skreden I	69968
Skrfabin G K	19885
Skrfabin M P	22229
Skripchinskii V V	12465
	39189
	56920
Skripko F	33694
Skrubbeltrang E	55301
Skrynnik A N	6381
	60518
Skrypnev V	64051
Skucius E M	63752
Skuin' K P	13120
Skullerud K	63531
Skulmowski J	5287
Skuratov I S	23465
Skvirskafa S B	64696
Skvortsov A	40725
Skvortsov A K	28503
	56244
Skvortsov I V	32674
Skvortsov S	1486
Skvortsov S N	44101
Skwarra H	81630
Slaats M	29399
	40306
	82587
Slaby O	43844
Slack J	40424
Slack S T	23253
Slade F H	7646
Slade M A	54362
Slade R E	10338
	84221
Sladkovskii M	55002
Slagel P W	86512
Slagg C M	64576
Slagle A B	8564
	14227
	79222
	83026
	84137
Slagle C W	64575
Slagsvold L	32410
	59376
	84385
Slagsvold P	84292
Slagsvold P L	26431
	36047
	87187
Slanger B	1457
	1458
	39557
	82072
Slanger B S	49758
	57317
	82073
Slankis V	56921
Slansky P	95355
Slate G L	1847
	1848
	12991
	12992
	13121
	13122
	39756
	48813

	Item
Slate G L	52661
	65353
	65354
	65760
	72605
	74049
	74099
	90567
Slate W L	29512
Slater C S	13761
	30744
Slater J A	61086
	77986
	93992
Slater L E	7647
	26613
	36752
	36953
	54806
	62879
	78930
	87807
Slater L F	8160
Slater N	36457
Slater W H	42308
Slatter W L	79169
Slaughter R	45057
	45898
Slaughter R E	9569
Slavīānov V	26010
	35807
	44885
	53916
Slavik K	51985
Slavin B H	74100
Slavin G	4183
	16101
Slavin M	66241
Slavnic Z	72943
Slavny N	63853
	72048
Slaweta L	24156
Slay R O	18098
Sledge G W	28023
Sleeman J R	2654
	2655
	2656
	58186
Sleeper D A	43510
Sleesman J P	5999
Sleeth B	23046
Sleeth R B	60471
	76213
Slejska D	63340
Slen S B	15990
	51813
	51814
	85091
	85092
	93150
Sleptšov M	95683
Sletten Å	54293
Slettom E	10919
Sleumer H	81027
	81028
	81029
Sleumer W	88385
Slezkina A N	33785
Slife F W	30544
Slifer E H	6880
Slifkin M K	73259
Slijcken A van	89551
Slingeland J F van O	66926
Slinger S J	23824
	23861
	23879
	23894
	33169
	33238
	33239
Slinger S J	42623
	76724
	84837
Slipher J A	66655
Slits H J A	48881
	48882
	74644
Slivkin S P	82074
Slivko	47056
Slivnifskiĭ B	63255
Sloan A J	59080
Sloan F A	92485
Sloan F S	71489
Sloan G D	39787
	57513
	85463
Sloan H J	23880
	33240
	76736
Sloan J	43087
Sloan J S	5944
	59731
Sloan M J	16306
	16868
	52531
Sloan P	31928
Sloan R H	65974
Sloan R M	17614
Sloane W H	85527
Slobodchikov D	57035
Slobodchikov D D	57140
Slobodfanik N I	9643
Slocombe C	51881
Slocum W L	19447
Sloff J G	11430
Slǿgedal H	1459
Slǿgeldal H	82075
Slomkovskiĭ L S	20715
Sloss M W	75936
Sloťe L	19778
Slotter K S	13389
Sluis E J H van	56922
Slusher H E	55723
	71907
	71908
Slusher M W	95196
Slufsker K A	38714
Sly K C	51296
Slykhuis J T	12026
	29786
	47651
Šmalcelj I	51345
	59160
	85167
	93142
Smaleĭchuk A A	34832
Small A R L	14513
Small C J	18823
	27206
	36998
	62801
Small F W Jr	9733
	27227
Small L D	62958
Small M C	54807
	87969
Small T	49219
Small W N	54838
Smallfield P W	2689
	9379
	73616
Smallman B N	68481
Smallwood G	49314
Smallwood R B	94683
Smaragdova N P	24643
	60738
Smart B C	58957
Smart C	72426
Smart G R	88520
Smart J	61278
Smart M	1250
Smart R A	43555
Smeathers R	32192
Smeddinck W	31361
Smeding P	38752
Smedley J R	49083
	57774
Smedley W V	62640
Smedslund T	14964
Smedt A de	3112
	13975
	30477
	40236
Smeenk H H	79354
Smeets L	962
	39157
Smeets W T G M	62086
Šmelhaus J	68983
Smel'nitskiĭ V P	23011
	67410
Smelov S	57318
Smelov S P	56923
	57319
	57320
Smerikov P P	32872
Smet L A H de	13838
Smetana A	68701
Smetnev S I	59415
Smilevski S	84992
	92178
Smiley N	30360
Smiley N B	78931
Smiley T L	38389
Smillie J L	13552
	64820
	69180
	69200
Smillie D M	94737
Smirenskiĭ N	39598
Smirnifskii E	59521
Smirnoff W	24966
	94037
Smirnoff W A	52679
	61087
	61088
	68850
Smirnov A I	38285
Smirnov A P	24229
Smirnov B M	29513
Smirnov G L	7392
Smirnov G S	49929
Smirnov I A	32467
Smirnov I V	32211
	67519
	75730
Smirnov K	73890
Smirnov L A	38946
Smirnov L F	33571
Smirnov M N	57321
	90422
Smirnov N A	23466
Smirnov N P	29787
Smirnov P	35910
	79676
Smirnov V A	48476
Smirnov V E	91853
Smirnov V N	31452
	58187
Smirnov-Sergeev A M	36048
Smirnova A A	60639
Smirnova E V	84018
Smirnova N	41164
Smirnova R S	58529
Smirnova-Ikonnikova M I	1066
	20469
	20470
Smirnow L	65761
Smissen E van der	26011
Smit B	16229
	60602
Smit F G A M	6920
	78288
	94204
Smit H	19058
Smit J	12993
	26012
Smit P	95543
Smit R J	80670
Smitmans F	94228
Smith A	25141
	83685
Smith A B	40119
Smith A C	4848
	4849
	4850
	4922
	6491
	15562
	15563
	15564
	15565
	16592
	23483
	23534
	34290
	42339
	56245
	59876
	64222
	67841
	70273
	76511
	76512
	79047
	79108
Smith A D	13811
Smith A E	65951
	73794
Smith A G	6570
Smith A G Jr	49084
Smith A H	11607
	16102
	23317
	26007
	28714
	51221
	60130
	76327
	78992
Smith A J	11717
Smith A K	62893
	87899
Smith A L	16750
	43556
	64504
	65045
	72762
Smith A M	3961
	31022
	51346
	62322
	81817
Smith A W	74886
Smith B	24230
Smith B C	991
Smith B F	24105
Smith B M A	76230
Smith B R	92600
Smith B S W	49478
Smith B W	55998
Smith C	31887
	40120
	62838
	67520
	69712
	86613
Smith C A Jr	70864
Smith C B	9488
	11914
Smith C E	23012
	50952
	65762
	77256
	78278
Smith C F	9570
	13510
	52153
	77648
	77988
	89356
Smith C G	25335
	34910
	79170
Smith C H	57775
Smith C I	43834
Smith C L	49315
Smith C M	70090
	73260
Smith C N	6619
	8810
Smith C P	78979
Smith C S	2980
	10339
	14120
	19261
	19262
	36589
	37540
	46550
	46575
	49930
	54636
	55569
	58478
	58479
	58480
	71596
	76488
	78564
	78580
	80273
	88521
Smith C T	3242
Smith C W	1614
	14855
	49085
	70173
	74213
	78686
	78687
Smith D	12824
	70751
Smith D A	40237
	85383
Smith D C	48529
Smith D D	91496
Smith D F	17815
Smith D F G	59877
Smith D H	13782
	40486
	66187
Smith D L T	33045
	92653
Smith D M	11505
	16126
	31740
	68319
	85294

	Item
Smith D S	6881
	61279
Smith D W	58735
Smith E	26527
	26584
	42186
	45366
	48814
Smith E A	85826
Smith E C	18450
Smith E D	41638
	53375
Smith E F	84180
Smith E G	8393
	70617
Smith E H	17081
	53841
Smith E H G	79419
Smith E J	8306
	22857
	53995
	70091
	79171
	80306
Smith E L	41757
Smith E M	85243
Smith E P	82873
Smith E R	53376
Smith E S	86301
Smith E Y	15756
	33170
Smith F	9040
	39302
	87135
Smith F B	74488
	79749
Smith F D	2389
	86431
Smith F E	73124
Smith F F	3423
	6000
	6074
	6391
	20080
	24444
	52141
	68462
	93372
	93722
Smith F G	6293
	34130
	39303
	64502
	73261
Smith F H	64644
	65763
Smith F N	53232
Smith F P	59860
Smith F R	70544
Smith F V	37129
Smith G	23161
	70465
	72513
	96139
Smith G A	43845
	68702
	76489
Smith G E	16237
	40726
Smith G F	47971
	51054
	67688
	83889
Smith G H	63196
	79698
Smith G L	42705
Smith G M	30478
Smith G R	20956
Smith G S	17667
	18451
	36258
Smith G W	5520
	51736
	60253
	68157
	68158
	76913
	93096
Smith H	2105
	2106
	46429
	95414
Smith Mrs H	80526
Smith H A	19759
	33934
	42184
	51225
	68516
Smith H C	494
	66673
	85464
Smith H D	5484
	18713
	24050
	36823
	45899
	46501
	63022
Smith H E	23781
	37781
	46901
	95936
Smith H G	87695
Smith H H	12466
	20242
	22558
	29184
	58216
	73059
	81510
	91877
Smith H J	14121
Smith H L	27743
	88589
Smith H M	66236
	66656
	83086
Smith H O	17874
	17965
	25991
	87201
Smith H P	30591
	34800
	44109
	61485
	66009
Smith H R	38159
	45314
Smith H S	77914
Smith H T U	30840
Smith H V	38286
Smith H W	5388
	21480
	21735
	40425
	84547
Smith I	45119
Smith I C	68884
Smith I D W	90975
Smith J	3376
	12100
	51363
Smith J A	32103
	36670
	56554
	59081
	80630
	80631
	95059
Smith J A B	18006
	51347
Smith J B	9113
	9766
	27245
	34750
	46024
	87671
Smith J C	48367
	81833
Smith J D	574
	89667
Smith J E	90423
Smith J E Jr	49086
	74274
Smith J G	11310
	23067
	23162
	31062
	41930
	61686
	76490
	94522
Smith J H	46502
Smith J H C	29400
	50291
	75290
Smith J K	86492
Smith J L	74794
Smith J M	11082
	52035
	69364
	91075
Smith J N	34671
Smith J P	44520
Smith J T	74795
Smith J V	34420
	85767
Smith J W G	17382
Smith J W H	30526
Smith K	88707
Smith K B	62959
Smith K D	65764
Smith K E	92775
Smith K G	34715
	85691
Smith K G V	34716
	43846
	52579
	68778
	93901
Smith K M	16160
	29021
	38823
	47652
	81347
Smith K N	26087
Smith K S	67241
Smith L	2285
	2286
	20276
	29332
	35049
	47905
	81694
	92566
Smith L A	2981
	61850
Smith L B	9164
	28608
	28609
	36468
	38484
	45600
	64223
	82446
Smith L D	83943
Smith L E	59082
Smith L F	41190
Smith L H	21584
	77058
Smith L J	44296
	61603
Smith L M	8102
Smith L P	20821
	35115
	48068
Smith L P F	10920
	17921
	19142
	25246
	46877
	55792
	88911
	88912
Smith L W	34421
Smith Le R A	35388
Smith M	14880
	28024
	28025
	47088
	49931
	49932
	57563
	62562
	78674
	80802
Smith M A	13482
	18264
	89650
	95115
Smith M B	44440
	46981
	61730
Smith M D	53767
Smith M E	43611
	50482
	61024
	65767
Smith M F	55793
Smith M G	71219
Smith M K	34717
Smith M L	88522
Smith M L Y	76390
Smith M R	57433
	61137
	61138
	78046
	85923
Smith M S	16307
	29401
	64842
Smith M V	52314
	77545
Smith N	38340
Smith N F	3324
	3325
	14474
	14475
	22230
	22231
	31541
	31542
	31543
	31544
	41127
	56555
	58723
	58765
	66883
	66922
	83309
Smith N G	2690
	20822
	30361
Smith N M	64386
	74645
	89544
Smith N R	38776
	64533
Smith O	885
	18294
	21409
	30599
	56785
	57982
	62589
	73196
	90886
Smith O D	83346
Smith P	7136
Smith P B	12428
	25314
	39633
	71153
	74101
Smith P C	54581
Smith P E	73660
Smith P F	58117
	73232
Smith P G	356
	495
	992
	2287
	11915
	12467
	48069
Smith P M	6019
Smith P S	25073
	33821
	43134
	68988
	78186
Smith P W	7327
	15757
	33171
	54810
	63029
	63030
	79874
	79875
	95416
Smith R	32104
	49512
	49513
	91259
Smith R A	2390
	75405
Smith R B	20512
Smith R C	6001
	6681
	22291
	93482
Smith R D	49615
Smith R E	5006
	59971
	65489
	86214
Smith R H	75291
Smith R H T	55003
Smith R J	36249
	62573
	78444
	79463
Smith R K	17695
	25600
Smith R L	46864
	92541
Smith R M	21603
	21968
	23782
	36825
	37881
	49410
	60254
	76914
	76915
	76923
	84993

Smith R O 9734, 32633, 37036
Smith R O A 60794
Smith R S 55426, 88266, 88673
Smith R T 8082
Smith R W 6294, 6295, 16449, 24644
Smith S 74796
Smith S B 61609, 76764
Smith S E 4512, 16010, 22858, 23254, 32279, 51226, 51274, 59240
Smith S G 8565, 20243, 52482, 93802
Smith S H 74102
Smith S R 35400, 45367, 45451, 54294, 62546, 79420
Smith T B 62927
Smith T C 55618
Smith T J 26548
Smith T L 80398, 80432
Smith V 4821
Smith V B 95763
Smith V N 8136, 26155, 35810, 35811, 44985
Smith V R 41885, 42180, 78595
Smith V T 66427
Smith W 20112, 46878, 57600
Smith W A 46718, 52826, 76102
Smith W E 39389
Smith W E Jr 54909
Smith W F 67853
Smith W H 23097, 58864, 62547, 62641, 87510, 87511, 94559, 95077
Smith W H Jr 55923
Smith W K 20244
Smith W L 11977
Smith W L Jr 11916, 54392, 62601
Smith W M Jr 23976, 80527
Smith W P 91924
Smith W P C 38753, 47581, 72763
Smith W R 34291, 83675
Smith W W 30039, 52014, 73836
Smithfield Show and Agricultural Machinery Exhibition 46719
Smithsonian Institution 37742, 43413, 43553, 43769, 78088
Smithies W R 64903
Smits C 14000, 88822, 91590
Smits D de V 74393
Smits H 12823
Smits J 65355
Smits J van G Jr 26466
Smittenberg J 13783
Smock R M 8905, 21641, 48070, 79518
Smoliak S 84386
Smol'ianinova N K 13123, 48851
Smol'ianov K G 2982
Smolik L 48071
Smolin A N 52866
Smol'skiĭ N V 39137
Smoyer K M 90590
Smudski V L 11087
Smul'skiĭ V 25387
Smushkova V V 51899
Smuts D B 3945, 82076
Smyrnios M 26528
Smyser A A 7253, 7254, 7255, 87512
Smyth C J 80528
Smyth H F Jr 11760, 38658
Smyth J 61779
Smyth J R 23826, 60255
Smyth J R Jr 5196, 5389
Smythe R H 75937
Smythe V R 70020
Smythies B E 58926
Snapp O I 43229, 68703, 77788, 78187, 86005
Snapp R R 41831, 42309, 45638, 62802, 92567
Sneep J 2288, 21313
Sneep P M 10921
Sneh A 2927
Snell C T 53409
Snell E E 23807, 23858
Snell K 90976
Snell M A 87900
Snell N 78607
Snell N S 44585, 53553
Snell R F 18216, 62563, 90977
Snell R S 39390
Snell W H 38548
Snelson J T 6820
Sneyd H N 70274
Snider C 4408
Snider C F 55724
Snider H J 40595, 40984, 48530, 49759, 67310, 73617, 79624, 82791
Snider R G 66571
Snidow B C Jr 51055
Sniegowski M S 18656
Snigur M 44830
Snijder H 3730
Snijders J H 20183, 64505, 91322
Snitko I U S 20417, 49325
Snoad B 719
Snodgrass C 46864
Snodgrass D 87672
Snodgrass P 70752
Snoek A B 10195
Snoeyenbos G H 43088
Snook L C 59522, 59597, 73526, 77001
Snow A G Jr 22687, 22695, 32123
Snow B V 17855
Snow C F 33519
Snow D W 43135
Snow E A 92123
Snow M 993, 73017
Snow M R 60149
Snow R 993, 20184, 50346, 73017
Snow S J 34625, 77238
Snow W A 88971
Snowden Q L 53129
Snowdon C A 65765
Snyckerte 35088
Snyder B 45233
Snyder C W 4515
Snyder D 68361
Snyder E 1849, 16867, 24965, 47955
Snyder E S 42623, 62975, 95372
Snyder F 94440
Snyder F H 22604
Snyder F M 34382
Snyder F W 73262
Snyder G F 36824
Snyder G R 91076
Snyder H 71597
Snyder H D 34921
Snyder H N 53842
Snyder J C 39757, 39758, 39841, 39842, 57607, 82230
Snyder J J 53909
Snyder J Q 29485
Snyder L B 18910
Snyder L C 29955, 48730, 48883, 65476
Snyder L C 65766, 65767, 90568
Snyder M R 65768
Snyder R 9131, 50050
Snyder T E 24352, 78289
Snyder W C 422, 56510, 89668
Snyder W E 818, 21416
Snyderman G S 37696
Snyman S 45725, 55725
Soames C G 71320
Soan H 55302
Soares B A M 24711
Soares H E M 24711
Soares J 1251
Soares M de B 36132
Soares R N G 84387
Soares Telles I P de 36436
Soave B 51268
Soavi M 6296
Sobachenkov P 32280
Sobachenkov P A 32281, 75806, 83799
Sobajima Y 81695
Sobek V 51056
Sobel F 496
Sobell S D 42638
Sobiech T 84388
Sobolev A P 7120
Sobolev I G 24712
Sobolev N 9964
Sobolev S S 28319
Soboleva V P 33888
Sobrero L A 69069
Sobrero L R 2830, 25506, 47005, 82160
Sobrinho L G 72424, 72427
Sobrinho M 66428
Sobrinho M S 47177
Soccart F 45812
Sochava V 68, 38390
Sochava V B 12101, 89248
Socher H 58667
Sociedad Agrícola del Norte 71490, 72002
Sociedad Agrícola y Ganadera de Osorno 18885, 18924, 18925
Sociedad Antioqueña de Agricultores 41266
Sociedad de Agricultores de Colombia 38053, 56556, 63817
Sociedad Española de Bromatología 8143
Sociedad Ganadera de "Laguna Blanca" 42997
Sociedad Ganadera Gente Grande 67457
Sociedad Nacional Agraria 10922, 28099, 55794, 80218
Sociedad Nacional de Agricultura 19059, 27563, 55795
Sociedad Veterinaria de Zootecnia 4184
Sociedade de Agronomia do Rio Grande do Sul 46875
Sociedade Portuguesa de Medicina Veterinária 59377
Società Elettrica ed Elettrochimica del Caffaro 72606
Societa Produttori Zucchero 57386
Société Anonyme Supergran 27097
Société d'Entreprises Commerciales en Egypte 12671
Serv Agronomique
Société d'Etudes Chimiques pour l'Industrie et l'Agriculture 31280, 66717, 83166
Société d'Horticulture et d'Acclimatation du Maroc 29908
Société des Agriculteurs d'Algerie 37989
Société des Agriculteurs de France 37882
Société Française de Cosmetologie 8566
Société Royale le Cheval de Trait Belge 42444
Société Xylochimie 31983, 34718
Society for Experimental Biology 20400
Society of American Foresters 3356
Allegheny Sect Committee on Forest Management
New England Sect Committee on Tree Pest Leaflets 77261
Society of Border Leicester Sheep Breeders 5034, 33545
Society of Motor Manufacturers and Traders Technical Dept 35025
Society of Public Analysts and Other Analytical Chemists Analytical Methods Committee 61724, 69563
Sodano M 36049
Soden A L 88010
Söderberg E 52827
Söderberg J 17363

	Item
Soderberg P M	32897
	59822
	67950
	84497
	92729
Soderholm L H	54404
Söderlind P	32573
	32574
Söderling E	497
Södermanlands Läns Hushållningssällskap	96184
Söderpalm E	80307
	95820
Söderström O	46332
Soderwall A L	33107
Sody L	2831
	58121
Soeda M	28415
	80882
Soedarmo P	38106
Soehner E	72520
	89468
Soelen J C S van	83574
Soenen A	16234
	34541
	65356
Soenen F A	52731
Soenen M	45576
Soesman J G	81187
Soest J L	20661
Soest J van	14551
	50106
	91722
	91738
Soest J L van	28610
Soest W van	1664
	39843
Soetisno R	4703
Sofrenović D	93176
Sofronsůk A P	46025
Sofronsůk L P	36954
	54910
Sofronov N V	60362
Sognefest P	17891
Soh C C	55945
Sohn A W	3753
Söhne W	53038
Sohns E R	12178
Sohonie K	1040
	12529
Solfer P A	95046
Soil Biotics	50072
Soil Conservation Society of America	31223
	58527
	74887
Sokolenko N F	38999
	90424
Sokolenko N ΠA	6682
Sokoloff V P	66015
Sokolov A	36671
	62880
Sokolov A A	49511
Sokolov A F	69278
Sokolov A M	61089
Sokolov A V	59921
	84644
	89105
	91212
Sokolov B	91442
Sokolov D D	75258
Sokolov D V	47064
	89675
Sokolov F	91077
Sokolov G K	34131
Sokolov ΠA	44935
Sokolov I I	93140
	93723
Sokolov M V	45234
Sokolov N	21822
	52315
Sokolov N S	30600
	71598
Sokolov P	70339
Sokolov S E	84019
Sokolov S ΠA	28457
	91763
Sokolov V	27688
Sokolov V A	83800
Sokolov V S	31741
	56718
	58832
Sokolova E P	39190
Sokolova M F	58272
Sokolova O I	20245
Sokolova R A	61089
Sokolova V E	48072
	64843
	95043
Sokolova Z	94738
Sokolovskii P	46430
Sokolowskyj W	67411
Sokol'skaîa B P	48531
	73018
	74646
	90425
Sokova O I	48171
Sokovnikov S	86371
Sol J	54865
Sola T	79686
Sola Saladrigas F J	79355
Solal R	17560
Solanet E	15690
Solano A	92348
Solano J A	27165
	27166
Solano R	6297
	34132
	60739
	60740
	68581
	85528
	93660
Solar H	63134
Solari F	16640
	16641
	16642
	77789
Solaroli V	6683
	25074
	93993
Solberg E	55531
Solberg E D	19263
	37718
	46576
	46577
Solberg P	86911
Solberg T E	58704
Solbraa A	80323
Solbraa T	19248
	50155
Soldatenkov P F	51849
Soldatenkov S V	11275
Soldatko I	55130
Soldatov A G	31453
	58668
Soldatov P	73890
Soldatov T	46720
Soldmann E	8307
Sole Caralt J	73891
	86809
Solfanov L	53996
Solignat G	47508
	81285
	82292
Soliman A A	43687
Soliman K N	67412
Solis Rojas F	40368
Sollers H	43574
	68800
	93483
Sollesnes A F	69
Sollid G	15625
Söllner R	47285
Solly N R	66068
	78900
Solob'ev D	86246
Solob'ev K P	50347
Solodkiĭ M M	24071
Solodovnikov F	91834
Solodovnikov V	87284
Solodukhin E D	31729
Solomon J D	34651
Solomon S	73263
Solonetskiĭ V A	90978
Solopov G P	1673
	80783
Solovetchik A	35026
Solovetchik M M	22510
	91947
Solov'ev B	20716
	48532
Solov'ev B F	65201
	65202
	65203
Solov'ev E	35129
	61601
	61602
	67118
Solov'ev E D	72607
Solov'ev G M	29552
Solov'ev I	35130
Solov'ev N	91933
Solov'ev P E	2983
Solov'ev V	36558
	62881
Solov'eva M A	90569
Solov'eva T I	31023
Solov'eva V K	2289
	57886
Solovykh A V	54160
Solt M	54995
Soltys J	91157
Soltys M A	32411
	62263
Solufanov P	44224
Solun A S	32788
	51138
Som	37122
Som A B	87871
Soma M	83121
Somade B	61990
Soman S V	13802
Somanader K J	95544
Somarriba L	33901
Somberg S I	41165
Somers G F	25303
Somers G H	60058
Somers J A	26420
	45235
Somers J L	13741
Somers L A	30601
	57434
Somervell R B	59988
Somerville G C	42018
Somerville I C	79761
Somerville J L	3731
	15032
	41552
	75628
Somes H A	14562
Somm H	48126
	56954
Somma U	48243
Sommaini L	82903
Sommer	14586
	41149
	46431
Sommer F W	72315
Sommer H H	8007
	8009
	8106
Sommer H H	17893
	44786
	45058
	62060
	70021
	79117
	86931
Sommer O A	4822
Sommer R	33464
Sommerauer W	30877
Sommerfeld C A	95526
Sommerfeld E	80529
Sommerfeld J	42669
	60080
	76765
	93097
Sommerfeld K	50787
	67311
	91376
Sommerkamp	5785
	49835
	81888
	86534
	87785
Sommerkamp G	9790
	11006
	17659
	44477
	46432
	53093
	53462
	54686
	65030
Sommers B K	53363
Sommerville T	37839
Somolinos d'Ardois G	89249
Somon M	15077
Somoza A	71302
Søndergaard A R	15317
	51057
	59523
Søndheimer E	79448
Sondrio Camera di Commercio Industria e Agricoltura	71491
Songcuan M S	24072
Soni B N	16746
Sonnaville P de	13056
	57564
Sonne-Andersen E	24268
Sonneborn T M	73078
Sonnemann	18575
	26567
	27564
	27565
	46333
Sonnemann T	36133
	37414
	37415
	37416
	37417
	45577
	46551
	46721
	54296
	55303
	55304
	55554
	62476
	72068
Sonnenbrodt A	5689
Sonoda Y	28415
Söntgerath H	87361
Soó R	89797
Soo R de	20139
Sookne A M	18066
	18153
	26326
Soom E	58928
	67048
	92036
Soos E	851
Soost R K	720
	89940
Sooter C A	5086
Sopeña I	83830
Soper F L	52604
Soper J H	47286
Soper M H R	2290
	82530
Sopikov P M	51553
Soprunov F F	38549
Sorani G	3548
	32028
Soranzo B	12553
Sorber D G	54326
	54393
	62642
Sorbi U	19143
	21901
	25247
	27855
Sorembe J	69374
	69407
Sørensen A	61510
	64387
Sørensen A M	3465
	67769
	75339
Sorensen D K	16094
	51967
Sørensen E	84138
	84139
Sorensen E H	34980
Sørensen F	49154
	57812
Sørensen H	76231
	81696
Sørensen H M	61544
Sorensen I	64284
Sørensen M	22271
	57887
	58724
Sørensen S E	7366
Sorensen S O	54750
Sorenson C J	52732
	56399
	77238
Sorenson C L	16259
Sorenson J W	53319
	94265
Sorgato I	12553
	18803
	36955
Sörgel G	64506
Soria G	60179
Soria G E	50906
	92654
Soria Ventura F	2499
	6298
Soriano A	65204
Soriano D	88691
Soriano J D	11573
Sorkin N	94997
Sørland J	16450
Sörm F	62960
Sornay A de	12889
	90487
Sornay M	88717
Soroa J M de	83214
Soroa y Pineda J M	45813
Soroka M F	60256
Sorokin A	44225
Sorokin E	25457
Sorokin I I	74214
Sorokin S V	43405
Sorokin V M	35579
Sorokina E A	36050

	Item
Soroko N	25542
Sorokovoi P F	22923
Sorsa B	50483
Sortdal K K	3086
	66572
Sosa A	57930
Sosa-Bourdouil C	73342
Sossountzov I	81447
	81448
Sosunov V I	57608
Sota D de la	3243
Soth L K	80219
Soto J M	54582
Sotokawa T	83121
Sotola J	4514
	22859
	54583
Soubier L	31024
Soubiès L	31025
	38963
	64720
	64942
	81755
	89171
	91345
Soublhe Sobrinho J	38141
	38142
	73019
Souchon P	8144
	35659
Souci S W	7648
	7649
	78739
Souèges R	47796
	64646
	81449
	89871
Soughton F O	41306
Soullijaert G	91346
Soulages J	33761
Soule G H	90426
Soule Mrs L	90887
Soule M J Jr	30004
Soulides D	25958
Soulié J	33066
Soulie P A	92741
Soulillou A	22605
Souloumiac J	58669
Soults M	71909
	80541
Sourès B	94138
Sournies H	83944
Sousa A T de	21771
	49760
Sousa E P de	72428
Sousa J G de	27856
Sousa J S I de	1783
	39844
	56557
	57480
	74647
	80784
Sousa L A C de	53039
Sousa R de	86810
Sousa R S de	6299
Sousa T de	40727
Sousa da Camara A	49992
Souster J E S	44305
Soutar D S	7325
	17443
	78608
South Africa Dept of Agriculture Div of Economics and Markets	80315
South Africa Irrigation Dept	74797
South Africa State Information Off	93098
South Africa Union Committee on the Extermination of Vermin	80737
South African Association of Beekeepers Southern Transvaal Br	34133
South African Can Growers' Association Central Committee	36956
South African Chemical Institute	72171
South African Council for Scientific and Industrial Research	61712
South African Forestry Association	22333
South African Lumber Millers' and Shook Manufacturers' Association	41376
South African Poultry Association	60257
South African Stud Book Association	3840
South African Sugar Association	36957
South African Sugar Journal	36958
South African Sugar Technologists' Association	48635
	54911
South African Wool Board	18154
South African Wool Disposals Organization	8567
	8568
	8569
	94998
South Australia Dept of Agriculture	71929
Livestock Div	51269
South Australia Dept of Lands Land Development Executive	27770
	95891
	71671
South Australian Honey Board	18479
	62784
South Australian Museum	93733
South Carolina Clemson Agricultural College	9774
	10373
South Carolina Dept of Agriculture	63997
South Carolina Research Planning and Development Board	46334
South Carolina State Commission of Forestry	58670
South Dakota Academy of Science	89095
South Dakota Coordinating Committee for Missouri Basin Development	80413
South Dakota Crop and Livestock Reporting Serv	86693
South Dakota State Horticultural Society	65309
South Pacific Commission	37418
South Porto Rico Sugar Company	27167
Southcombe P	13390
Southcott B A	95311
Southee E A	10806
Southerland F L	9146
	44521
	45391
	45452
	54327
	79449
	87441
Southern J H	37729
Southern African Weed Control Conference	91078
Southern California Camellia Society	49087
Southern California Turkey Growers' Association	9571
Southern Extension Marketing Conference	61780
Southern Farm Mangement Extension Committee	80308
Southern Pulpwood Conservation Association	41068
	50557
	92091
Southern Regional Dairy Marketing Committee	62011
Southern Rhodesia Central African Statistical Off	78850
Southern Rhodesia Cold Storage Commission	70899
Southern Rhodesia Director of Research and Specialist Serv	89172
Southern Rhodesia Director of Veterinary Serv	83945
Southern Rhodesia Ministry of Agriculture and Lands Dept of Native Agriculture	53328
Economics and Markets Br	55488
Agricultural Sect	53596
Southern St Lawrence Forest Protective Association	41267
Southern States Cooperative	10923
	88913
Southern University Division of Agriculture	55638
Southern Weed Conference	13619
	13620
	66016
Southey C R	63442
Southey J F	72907
Southgate B J	24431
	24976
	85336
Southwell B L	39446
	68323
	76232
	77083
	84222
Southwell P H	17434
Southwell R	60258
Southwest Cereal Chemists Crop Reporting Committee	9114
Southwick A B	63443
Southwick F W	48073
	48074
Southwick L	2391
	13621
Southwick R W	14122
	21902
	30005
	37573
	37576
Southworth W L	1460
	9644
	12825
	49993
Souty J	82161
Souza A O de	17800
	64943
Souza A P de	22594
Souza C C de	84542
	84548
	92765
Souza F J de	15244
Souza J A de	94995
Souza J O de Jr	721
Souza J S I de	20906
	78932
Souza L A C de	27411
	46504
Souza O M F de	30699
Souza O P C de	23013
	32412
	93034
Souza R S de	84630
Souza W W C de	2500
	13727
	14229
	27566
	30700
	49372
	49373
	66081
Sovenko V	94625
Soveshchanie po Lesnoĭ Tipologii Moscow	91574
Sovzenko D S	69860
Sowash R O	13627
Sowden F J	49441
	49447
Sowder A M	14988
Sowder J E	67049
Sowder W T	4185
Sowders G	7189
Soybean Research Council	9489
Soyer B	6738
Spaapen J	76583
Spaargaren C	18837
Spaargaren D	49088
	90888
Spaargaren J L	49089
	82447
	90889
Spadaro J J	36706
Spadoni M A	89054
Spaendonck B J M van	80632
Spaeth J N	41179
Spagl G	51469
Spagnoli	8338
	26026
	26917
	27891
	62429
	62827
	78980
	84020
	86939
	92486
Spahis A	92859
Spahrkas H	70889
Spaic I	96006
Spain R L	2107
Spain Delegacion Peninsular para Cafe de las Camaras Oficiales Agricolas de Guinea	74394
	91134
Spain Dirección General de Agricultura Sección de Estadística Agrícola	95197
Spain Instituto Forestal de Investigaciones y Experiencias	50242
Spain Instituto Nacional de Colonizacioń	10439
Spain Instituto Nacional de Estadística	17704
Spain Instituto Nacional para la Produccioń de Semillas Selectas Servicio de Semillas Horticolas	36890
Spain Junta Nacional de Hermandades Delegación Nacional de Sindicatos	71424
Spain Mapa Agronomico Nacional	66859
Spain Ministerio de Agricultura Serv de Capacitacioń y Propaganda	55497
	2158
	4807
	5438
	5657
	6227
	8265
	10197
	29947
	31054
	31073
	33382
	33969
	35535
	57829
	57878
	59290
	61289
	61916
	62233
	66550
	83017
Serv de Estadística	18452
	44637
	9167
Spain Ministerio de Hacienda Direccioń General de Aduanas Spain Serv. del Esparto	19503
	48371

Spain Serv de Mejora de la Explotacion Lechera 59524
Spain Serv de Semillas Forestales 75340
Spalding R W 67689
Spalding W 72120
Spanbauer F 13414
Spanedda A 33601
Spangelo L P 1561
Spangenberg G E 73618
Spangler M G 30745 66151
Spangler R L 26549 70597 87442
Spann J 3194 51139 51270 73619 75939 77904
Spannagel G 40558 50073
Spanner D C 12468 56924 81697
Sparapani G C 23363 59731
Sparapani K 67690
Sparkman J J 37419 37420
Sparks R A 54224
Sparks W C 56442
Sparre B 81030 81031
Sparrow A H 12179
Sparwasser W A 66223
Spasskiĭ P D 24864
Spataro C 67413
Späth 59525
Späth F 48533
Spatzal J 16451
Spaulding A E 31789
Spaulding P 56558
Spaulding R E 62169
Spaven J 25493
Spawn O J 94612
Speakman J B 8570 8571 45164 62369 70445 70466
Spear M L 33747 33748 77123
Spear P J 5899 35423
Spear V C 93234
Spearing J 59806
Specht A W 47675 58117
Specht F W 62856 70869
Specht H 61844
Specht K 7827
Specht W 7828 18838 45236 71198 86811
Speciale J 2984 6300 18275 36134
Specialist Conference in Agriculture Adelaide and Canberra 48075
Speck J J 6330 18480 24670 43368 52337 70773 79647 85539
Speck M L 17870 17871
Speckmann G J 73079 81511
Spector H 11083 19554
Spector W G 33343
Spedding C R W 93177
Spee F Graf von 37085 78981
Spee H V 28808
Speece M 37883
Speece M A 96015
Speechly H M 6620
Speed J G 5007 23658 67944 84631
Speer E 86432
Speer H L 73795
Speer J 3635 22255 32000 91723
Speer R J 21772
Speer V C 33695 51941 51942
Speese B M 12112 20147 72954
Speh C F 46026
Spehar V 17082 89669
Speicher B R 24985
Speidel B 64605
Speiden E 21314 65904 66748
Speight J 26734 45237
Speight W L 21468 25959
Speinle X 94813
Speirs M 36213 39048
Speiser 28026
Speiser H 44033 53012 80309 88420
Speiser P 12550 48180
Spellman J E M 51417
Spence C C 37719 66573
Spence C F 94512
Spence C K 33749
Spence D 40445
Spence D H N 99272
Spence E W 79519
Spence G 40842
Spence W 32575 32576
Spencer C 37145
Spencer C B 70467 87285
Spencer D 12296
Spencer D M 21315
Spencer E Y 45562 72172 87595
Spencer F B 53422
Spencer F H 37916
Spencer G C 8800
Spencer G J 6921 93344 94200
Spencer G R 67687 68036
Spencer H 20185 43395 61097 68779 68851 85874
Spencer H C 85461
Spencer J E 10553
Spencer J N 92766
Spencer L 8179 26063 62170 62171 62261 94825
Spencer O C 19185
Spencer S A 88972
Spencer S J 13391 20823
Spencer S M 25680
Spencer W F 73264
Spencer W W 69137
Spencer-Knott J K 19289
Spencer-Schrader R H 30878
Spendl 63753
Spendl C 34941 37421
Spendlove E B 39558 90427
Spendlove J C 13813
Spengler K W 50907
Spensley P C 26335 87286
Spera L 8572 40121 53040 79711
Sperbeck T M 34422
Sperber I 50908
Sperger R 29956 48815 82231
Sperlich H 87901
Sperling 79223
Sperling L 15799 32282 35913
Speroni C 11738
Speroni G 16308 52194 93902
Speroni H A 29022
Sperre A 83628
Sperry I V 80598
Sperry J L 43847 78188
Sperry O E 19832 57983
Sperschneider A 33172
Spessa F 76391
Spettigue H T 70275
Speyer E 12471 58151 64849
Speyer E R 17181
Speyer W 20513 24777
Spicer R W 90533
Spicknall N H 27022
Spiecker 22195
Spiecker M 50302 75220
Spiegelman S 73080 81512
Spielberger A 86381
Spielmann O 9165 18481 24645 52316 93661
Spier R 26421 57173
Spiers C H 18536 45653
Spies P 48534 48535 54060
Spies T D 80671 89007
Spiess E B 77905
Spiess R 68780
Spilhaus M W 3326
Spillane E J 94684
Spiller D 34719 85692 85693 85875
Spillers L E 27346
Spillner E C 48636
Spilman T J 60878
Spilsbury P D 96016
Spina P 48055 81698 90096
Spindler F 66468
Spindler F 95198
Spindler H J 32939
Spindler L A 5845 51992 60448
Spinelli P 1716 26470
Spinks J W T 5884 12368
Spinner-Breeder Conference 87287
Spinney G G 15924 42821
Spiotta E J 24464
Spirhanzl J 14040
Spiridonov A L 69408
Spiridonov F 32406
Spiridonov P V 53220
Spirhanzl J 83122
Spirin K F 85277
Spirûkhov I 84706 87343
Spiro L
Spisni D 4186 8010 8011 9115 32413
Spit J M 16508
Spitaleri O 27412
Spitéri J 36753 70998
Spitskiĭ E N 24646
Spitta M 40122
Spittle R J 85694
Spitz D 26680
Spitz R J 14965
Spitzner W 6301 16452 43357
Spivak A F 58833
Spivey G L 75572
Spiwak L 32038 75545
Splitter E J 33750 85278
Splittgerber 24337
Splittgerber H 4515
Spoelstra P A 3113 17503
Spohr W 95000
Spone K 74907 74908
Spoon W 2832 6075 26422 53499
Spoor P A 1674 10419 27720 27721 39798 39799 39845 57442
Sporhan-Krempel L 67171 67172
Spörri H 4187 15209 23659 76565 76657 84707
Sports Turf Research Institute 90890
Spöttel W 9166
Spraggs P F 46723
Sprague B S 45214
Sprague C F 78793
Sprague D C 7413 33366 44245
Sprague G F 12712 65031 73459 81513
Sprague G N 69416
Sprague H B 82077
Sprague M A 1461 73307 91175
Sprague R 437 11608 28944 28982 38754 47513 47582 47615 56559 56560
Sprague S K 70174
Sprague T A 64224
Sprague V G 65182 65183 81985 90428 92568
Sprangers A A C 14822 22606 47583 50490 58629

	Item
Spratt N T Jr	33344
	84911
Spratts Patent	59863
	59876
	59878
Sprau F	47653
	47654
	48681
	56561
	89754
Sprecher F	52317
	93662
Sprehn	15646
	51437
Sprehn C	24307
	93035
	93059
Spreng A Jr	87377
Spreng H	26529
	62477
	62478
	87344
Sprengel A	37884
	46724
Sprenger E	33786
	51900
	68295
Sprenger J J I	15117
	45578
	54530
Spring J W	21199
Springer A	30363
	30364
Springer G	13879
	21571
Springer R	7648
Springer U	58122
	66749
Springer W	22162
Springfield H W	29788
Springhetti A	16623
Spronck J	3946
	5649
Sprongl K	28715
Spronk N	32199
Sprossmann G	93484
Sproule W H	27413
	70223
	79113
Sproull M	15956
Sproull R C	22728
	50558
Spruce W E	35350
	35351
Spruyt C A M	5521
	15925
Spruyt F J	20117
	20119
	56624
Spry C	13392
	82448
Spryszak A	33751
Spuris Z	34488
	93994
Spurling C J	39759
Spurling M B	1615
	14123
Spurlock A H	46505
	62658
	79421
	95877
Spurr R A	19985
Spurr S H	41180
	83364
	89798
Spurrier E C	81947

	Item
Squadroni G	1252
	9490
Squibb R	25890
	53803
Squibb R L	3947
	23881
	33241
	33242
	41758
	60494
Squire F A	6571
	24865
	85777
Squires G A	5270
	7326
	42822
	61605
Squires J A	49364
	54862
	74388
	78913
Srb A M	12466
	80738
Srdic D	75387
Sreenivasan A	12422
	29478
	45579
	48076
Sreenivasan M K	15999
Sreenivasaya M	17137
Sreeramamurthy V V	80666
Srensek S E	68525
Srikantan B S	9492
Srinath K V	80739
Srinivasachariar C V	37123
Srinivasan K S	90178
Srinivasan K V	11917
Srinivasan M	88421
Srinivasan M A	68463
Srinivasan P	76392
Srinivasan P R	73343
Srivastava B P	15379
Srivastava H C	11918
	28945
	81121
	95527
Srivastava J P	90097
Srivastava P N	72316
Srivastava R K	81450
	81451
Srivastava T N	40307
Sroka K	41893
Sroka K H	8308
	14780
	33902
	49494
	60603
Ssemjenjuk I M	7078
Ssorin V A	11108
Staab J	27302
	86432
Staalduine D van	2291
	2292
	2392
	21316
	40238
	57609
	57888
	64712
Stableforth A W	67414
	83946
	84389
Stabler R M	15843
	15844
	33345
	52605

	Item
Stabler S	59241
Stabler S B	57036
Stabler S P	2393
	23364
	45958
	54866
	57141
	65205
	82056
	84832
Stacey C	60259
Stacey C G	76916
	84994
	84995
	93100
Stacey W A	3623
	58987
	83550
Stachow W H	7367
	53320
Stack P	40239
Stack S W	53896
Stacy S V	57162
Stacy W H	37885
Stadel E V	18545
Stadelman R	41069
Stadelman W J	9509
	9537
	23882
	27008
	27009
	33946
	42624
	42625
	42626
	45900
	62990
	76774
	87970
	95415
Stadhouders P J	29912
	39846
Stadler D R	73265
Stadler H	40770
	43761
	64225
	65061
	69136
Stadler J	34327
Stadler L J	12225
	73081
Stadnichuk P F	48536
	64944
Staebler G R	66915
Staebner R C	75104
Staehelin M	28953
	28997
	29023
	30021
	30049
	30130
	81567
Staehler	65206
	65207
Staehler H	3121
	31026
	65208
	73621
	90429
Staff F	71054
Staffe	5390
Staffe A	15926
Staffe A J	84912
Staffelbach E	66775
Stafford A L	4188
	4189
Stafford E M	60795
Stafford H A	90098
Stafford H J	29100
Stafford H M	74798
Stafford J	11412

	Item
Stafford J W	83947
Stafford W E	71087
Stafford W R	12415
Stafiichuk A A	83801
Stafseth H J	67824
	76812
	84913
	85243
	87971
Stage H H	43574
	68800
	85424
	93934
Stäger R	16869
	34134
	34135
	77546
	93724
Stahel M	65444
Stahel R	76917
	76918
Stahl	31362
Stahl A L	70519
	70520
Stahl C	36891
	39304
	53885
	54867
Stahl C F	19664
Stahl E	17801
	30707
	82652
Stahl E G	70468
Stahl M	64386
	72608
	72764
	72765
	89670
Stahl W	24276
	51943
	71599
	85223
Stahl W H	54075
	69564
Stählberg S	82708
Stähler	31163
Stahler L M	30602
	30603
	56804
Stahler N	24907
	82601
Stähli H	63341
Stählin A	56668
Stahlschmidt V	26013
Stahmann M A	11986
	20039
	56820
	89732
Stahr A	66271
Stain H	8012
	26014
Staines G	8309
Stairs H F	91079
Stakan G A	24126
	33546
Staker E V	14295
Stakheiko F G	75341
Stakhovskaia E K	6889
Stakman E C	81189
Stälberg G	38510
Stalcup H E	71600
Stalder L	48077
Staley A E Jr	87673
Staley L	2108
Staley T W	18050
	62323
	70340

	Item
Stalingrad Region Upravlenie Sel'skogo Khozíaistva	1129
	2293
Stalinsky E	88011
Stalker H D	24866
Stalker W G	36136
Stall C W	46085
	63754
Stall J B	30860
	83123
	83124
Stallard J E	59754
Stallcup O T	73511
	76132
Stallinga G	46388
Stallings D G	94773
Stallings J H	3087
	12798
	40895
	40896
	58528
	66152
Stallman M M	43612
Stallones B E	70092
	78982
Stallwood B R	34292
Stallworth W H	87443
Stalter N J	26322
Stambaugh J	7020
	8310
	37429
	46344
	52994
	62262
Stambaugh J H	95764
Stambaugh W J	81283
Stamenkovic B	31847
	75629
Stamer H	70276
Stamm A J	3624
	22580
	83562
Stamm T T	82742
Stammer H J	93345
Stamp D	27875
Stamp J T	16026
	33602
	68261
Stamp L D	55570
	63649
	74508
	80220
Stamper E R	13546
	13549
	13568
	13575
	13622
	13623
	13624
	13625
	13652
	13653
	30604
	65966
	65990
	66017
	66018
	91006
Stanberry C O	31080
Stanberry G W	75649
Stancil D H	87288
Standaert G	4704
Standen H	5905
Standen J H	81190
Standfuss R	18561
	94574
Standhartinger	67581
Standhartinger M	51058
	59526
	76133
	78609

	Item
Standley P C	56186
Stanek H	66574
Stanek L	68582
Stanek M	96117
Staner P	122
	83215
Stanford G	59242
Stanford J E	94663
Stanford J K	45679
	74888
Stanford J P	13972
	44137
Stanford Research Institute	53399
	87423
Stanford University	18806
Food Research Institute	17810
	18851
	53400
	53515
Stang K V	76606
Stange L	39619
	47861
	56745
	82108
Stangler B B	48044
Stanier R Y	1067
	48163
Staniforth D W	29225
	49285
	65989
Staniland L N	47686
Stanimirovic S	64881
Stanisak O	32414
Stanishevskiĭ L I	13511
Stanislas E	12278
Stanfukovich K V	90274
Stankević P	21749
Stankov N Z	31316
	40389
Štankovič A	6002
	16575
	17400
Stanković D	82162
	82163
Stanler K R	45453
Stanley B G	70961
Stanley E B	14124
	22860
	51091
	67582
Stanley F E	71639
Stanley G W Jr	3672
	75545
Stanley J M	69253
	79774
	86457
	93382
Stanley R D	69861
Stanley W M	591
Stanley W W	34489
	38609
	43230
	53147
	77790
	78290
Stannard L J Jr	6922
	17182
	34720
	78291
Stannard R W	62479
Stansbury M F	18650
	36754
	95356
Stansby M E	9735

	Item
Stansfield E J	85827
Stansfield G H	8743
Stański F	4923
	24308
	33347
Stant M Y	23124
	47287
Stanton B	17922
Stanton B F	55131
Stanton H S	17233
	74319
	82588
Stanton T R	1253
	11276
	11924
	29621
	48329
	57142
	64052
Stanton W R	362
	64697
Stanway V	45959
Stap H	92053
Stapel C	498
	6923
	20049
	64507
	65209
	68464
	72766
	72767
	73266
Stapel J C	88240
Staph H E	7474
	8677
Staple W J	21499
	30877
Staple Cotton Cooperative Association	27701
Stapledon G	30880
Stapledon Sir G	20514
	29789
	81818
Stapledon Sir R G	10554
Stapler A P K	38120
Staples L M	39907
Staples R R	46434
Stapleton C C	14441
	22113
	57776
Stapleton G E	64844
Stapleton H E	15318
Stapleton H N	69252
Stapley J H	16509
	16643
	19950
	24465
	52142
	52143
Stapmanns W	37541
	68031
Stapp C	538
	12027
	29024
	48078
	64541
	64577
	73020
	81693
Starbuck R R	67521
Starčević J	66776
Starch E	27918
Starchenko I I	58834
Starck A R	95599
Stärcke A	16923
	33946

	Item
Starcs P	88422
Stare F J	9314
	26647
	46975
Starikova L	36696
Stark	69969
Stark C R Jr	83027
Stark E	58150
	81700
Stark F C	29392
	31027
	40240
	40260
	57036
	57856
	74648
Stark G W	9365
Stark H E	6915
Stark L	18007
Stark P Jr	12994
	13065
Stark R W	78189
Stark S M Jr	18666
Stark V N	60879
Starke H G	95878
Starke J S	60328
Starke W	21200
	21201
	21202
	57777
Starkenberg B	58984
Starkey R L	42706
Starkov A A	1254
	1255
	39391
Starkov I D	59886
Starkweather M H	22390
Starling T M	64498
Starnes O	16235
	23946
	43231
	52144
	56443
	60604
Starodubrovskaîa V	10340
Starosel'skiĭ L S	33662
Starov M V	40728
Starr C G	80528
Starr D F	61243
	68989
	68990
Starr G H	20035
	20112
	47585
	47616
	89698
Starr J	59036
Starr L E	4189
	83966
	92349
Starr M E	33213
Starr M P	539
	15845
	38788
	72802
	95392
Starr P B	45865
	95392
Starr R C	89433
Starr R H	11209
Starr W A	40559
Startšev D	27673
	63532
Stärtzenbach K	65769
Startzke H W	8573
Starun P D	30131
Starykh N A	1850
Starz	82078

	Item
Stashevskiĭ V E	19373
	63755
	63756
Staśkiewicz G	35770
Stasiukynas V	59378
	83948
State-Federal Crop and Livestock Reporting Serv	53597
State Poultry Association of Indiana	5522
	63023
Staten G	21496
Staten H W	45238
Staten R D	12826
	82063
Stather F	9366
	18600
Stather G	15210
Stather O	58951
Statist	80019
Staton Mrs H G	65710
Statuti M	82277
	82278
	82279
Staub G	54937
Staub M	35234
Staub S	54161
Stauber J L	9836
Stauber L A	23711
Staubmann W	24217
Stauch F	94554
Staudacher E	17200
Staudinger H	22738
Staudt	5967
Staudt E	62743
Stauffer O	44226
Stauning A	19504
	55864
	87424
	88973
	88974
Stauss W	78675
Stautemas E	11718
	16236
	30049
	30365
	48762
Staver C G	10924
Stawitzke A A	62961
Stazione Chimico Agraria Sperimentale di Roma	78925
Stazzi P	83949
Steanson O	87617
Stearn W T	56246
	56247
	81032
	89366
Stearner S P	33348
Stearns C R	7187
Stearns C R Jr	35014
	61509
	95073
Stearns F	12328
Stearns G	11084
	11085
	11086
	11088
	46981
Stearns G A	18562
Stearns J L	14985
	41439
	41500
	59125
Stearns L A	38620
	38621
	43577
	43613
Stearns M	2109

	Item
Stearns R	2109
	80530
Stebaeva T I	24647
Stebbing E P	3195
	3528
	14677
	22399
	41017
	58671
Stebbins F M	25099
Stebbins G L Jr	28458
	38391
	47195
	81471
Stebbins O T	50200
Steck R	17364
Steck W	5087
	15691
	84708
Steckel J E	21404
Steckhan H	14678
	31224
	31803
	66657
	66658
Stecki K	81701
Steden A	10341
	35161
	37618
	37619
	37620
	44009
	53598
	88524
Steding F	46119
Stedje O	62051
	94814
Stedman G	45368
Štédronský E	48079
Steed G	55038
Steeg L	67633
Steeg M C v d	64845
Steel C L	40123
Steel J D	67842
	84709
Steel M N	62820
Steel N A	5870
Steel W O	43476
Steele B F	11087
Steele C F	2985
	18804
Steele D C	86584
Steele D G	67886
	84632
Steele H K	69546
Steele J C	7173
Steele J H	4190
	4868
	23014
	50909
Steele J N H	94266
Steele J R	23327
	42175
Steele R	62430
Steele R O	79299
Steele S	25494
Steele T E	57162
Steele W B	25681
Steele W E	14395
	14533
Steele W G	12628
Steele W N	63085
Steelman L W	37542
Steen J van	13393
Steenbergen B van	22074
	40241
Steenbergh D K	45120
Steenis C G G J van	81033
	89250
	89333
Steenis-Kruseman M J van	19779

Steenland A P Item 404, 28809, 28947, 56597
Steensberg V 59243
Steer H B 3625, 31985, 41427, 58988, 92112
Steere R L 47655
Steere W C 11547, 11548, 72317
Steerman A 9233
Steers J 2882
Steeves T A 65905
Stefan K 23783, 51554
Stefanelli G 35138, 86215, 94267
Stefaniak W 23015, 23016
Stefanini A 42019
Stefano M del R 64508
Stefanoff B 81452
Stefanova E P 23017
Stefanović C 93663, 93664, 94139
Stefanović R 67108
Stefanovskiĭ I A 39392
Stefansson E 14624, 83422, 91850
Stefansson O E 59527
Stefansson V 36538
Steffan J R 6739, 43735, 52733, 85924, 85925
Steffanoni L 55132
Steffe M E 66561
Steffelbauer K 68159
Steffen 52991
Steffen A 13394
Steffen G 94336
Steffen J 23515
Steffen K 64647
Steffen R 19505, 42502, 95283
Steffens H 15567, 15568, 15619, 23068, 23484, 32898, 32899, 59864, 59879, 76513
Štefka F 18220
Stegenga T 22779, 84384
Steger G 4705
Steggerda F R 28197
Stegmann G 3732, 14812, 59129, 75259
Stegwee D 43136, 43898
Stehle H 12827, 13626, 19593, 49374
Stehlé H 49375, 73622, 81191
Stehli 72289
Stehmann W 7161
Stehr W C 77791
Steib R J 48630, 89671, 89672
Steidl R E 35099
Steiger E von 80221, 88423
Steiger H 21203
Steiger O 63342
Steigerwald 57322, 86302, 94361
Steigerwald E 66749
Steimle E 87391
Stein C D 5082, 59972, 67922, 75940, 75941, 93271, 93386
Stein E 11007, 19506, 46943, 46944, 53567, 55865, 69139, 72069, 80633, 88975, 88976, 96105
Stein H 44342
Stein H von 30366
Stein J 42967
Stein L H 40739, 73267, 91320
Stein S 87674
Stein W vom 71910
Stein-Zeppelin H von 56039, 82449
Steinacher H 61713
Steinacker M L 47972
Steinbach J 26856
Steinbach M 5786
Steinbacher J 47444
Steinberg C 20186
Steinberg J 94575
Steinberg R A 11978, 12469, 20050, 48080
Steinbergs A 12554
Steinböck J 63818
Steinbrecher R 44356
Steinbrenner E C 22377
Steindl D R L 89552
Steine S S 55726
Steineck O 994, 29402, 30479, 31252, 40242, 40925, 50023, 56925, 74215, 74216
Steinegger E 30701
Steinemann P 42415
Steiner E 47196
Steiner E H 94605
Steiner E T 9297, 79699
Steiner F 5593
Steiner H 24420, 33903, 47026, 77547
Steiner L F 5962, 68781, 77906
Steiner M L 64155, 90891
Steiner P 5003, 34674
Steiner R 80531
Steiner W 22163
Steiner W W 13396, 40124
Steingass K P 75011
Steingruber K 55133
Steingruber P 13124, 21003, 39306, 65477
Steinhardt 35914
Steinhardt H 29863
Steinhaus E A 17083, 52828, 93485
Steiniger E 82347
Steiniger F 47445
Steininger 17084
Steininger G 47006
Steinitz E 54394
Steinke H A 22164
Steinke L 60247
Steinke P K W 9367, 26827
Steinkopff U 84996, 93101
Steinkraus K H 45654
Steinle J V 70999
Steinlechner 67889
Steinlechner H 5008
Steinlin H 22470, 67050, 75440, 91559
Steinmann E 73268, 89872
Steinmetz H 71343
Steinmueller M H 31164, 46593
Steinmüller M 48081
Steins R 8574
Steinwender H 58850
Steirly C C 83483
Steiwer W H 33637, 45639
Stekol J A 5656
Stelfox A W 43736
Stellefskii V I 67415
Stellfeld C 47288
Stelling M 57778
Stelling O 7829
Stellwaag 52390
Stellwaag F 499, 500, 3114, 11719, 11720, 25075, 33904, 89553, 94140
Stellweg C A 37236
Stelly M 58201
Stelzner G 52391
Stemart M 50047
Stemler F W 16747, 33290
Stempffer H 34626, 68991
Stenar H 39191, 47289, 47290
Stenbæk A 48082, 49762
Stenberg H 84368
Stenberg L 15118, 23365, 42223
Stenburg R L 19780, 68736
Stendel H 5523
Stender H K 73691
Stenersen I 13396, 21204
Stenersen S 74103
Stengel Mrs A 13728
Stenius R 84390
Stenkhoff 10807, 37886, 80532
Stenqvist I 96067
Stensiö B 17802
Stenström L 17388, 69385
Stentoft N C 1130, 49763, 91377
Stentzel 3410
Stentzel E E 3357, 31888
Stenuit D 2657, 2833, 30900
Stepanenko V V 39559
Stepanishcheva Z G 84549
Stepanov A 7256
Stepanov I 21799
Stepanov N 26238
Stepanov P M 67051
Stepanov V N 85695
Stepanova M A 74217
Stepanova Z I 29790
Stepashkin I 35089
Stephan 70521
Stephan F 47446, 47447, 48725, 48816, 52483, 53151, 64389, 73759, 82164, 85696, 87425
Stephanides C S 10808
Stephanitz H von 59823
Stephanitz M von 67802
Stephanson B F 45580
Stephen A M 75654
Stephen H W 83629
Stephen J L 22547
Stephens C 4706, 24648, 50910
Stephens C G 13742, 49514
Stephens Mrs C C 21205
Stephens D C R 58352, 61244, 61245
Stephens D F 92564
Stephens J A 82450
Stephens J C 65032, 81889
Stephens J H 17345
Stephens J M 43848
Stephens J W 36539
Stephens M E 66153
Stephens M N 64376
Stephens M R 45581, 62744, 79625, 95199
Stephens M V 78688
Stephens P H 19249, 70341
Stephens R 80804
Stephens R L 94791
Stephens S E 12937, 35428
Stephens S G 73082
Stephens W 80533
Stephens W P 95868, 95869
Stephenson A 43358
Stephenson A E 24649
Stephenson B L 78690
Stephenson E L 36825, 60470, 93235
Stephenson H C 15603, 42391
Stephenson J 66331
Stephenson J C 59528
Stephenson J H 4851, 23535
Stephens J L 82812
Stephenson J N 32105
Stephenson J R 3774, 50285
Stephenson R E 967, 2546, 12440, 31028, 58333, 49361, 49679
Stephenson R L 6608
Stephenson W 93255
Stephenson W J 76658
Stephs W 20277
Stepkowski S 4149, 4191, 5834, 51493
Stepp J M 36627
Steppler H A 29791
Steptoe R 9837
Steptoe R P 27288
Sterba T 87107
Sterling C 30401, 43125
Sterling G R 21337, 30490, 30491, 30605, 30606

	Item
Stern C	85778
Stern D N	42224
Stern E G	22607
	[illegible]
	75546
	75547
Stern J K	10925
	19415
	46880
	46881
Stern J N	40369
Stern J R	33213
	33243
	42606
	76763
Stern K	75228
Stern W L	47797
Sternberg J	35693
	79046
	77317
	77318
	86045
Sterne M	84391
Sternitzke H S	41109
	41150
Sterten A K	47129
	72603
	77792
	80813
Stesbenko P	63757
Stessel G J	56528
Stets V M	58121
Stetson J	76566
Stetter H	87361
Stettler A	92487
Steuart D W	94685
Steubing L	73269
Steudel	47656
Steudel W	38824
	46027
	72869
	72870
	93995
Steuer	46552
Steuer R	10529
Steur G G L	82746
Stevanovic M	93665
Steven A	38319
Steven E	7830
Stevens A J	82263
Stevens C M	64846
Stevens F J	70818
Stevens G A	44407
Stevens H	824
Stevens H B	48897
Steven H M	14476
Stevens H N	2110
	14001
Stevens I M	87769
	95284
Stevens J	14669
	30367
	49090
	79422
Stevens J G R	7162
	25336
	78437
	94229
Stevens L H	25301
	66019
Stevens M C	47007
Stevens O A	100
	2394
	6740
	13729

	Item
Stevens O A	25019
	[illegible] 34542
	43737
	89799
Stevens P G	68220
	84021
Stevens R F	38577
	38621
Stevens S F	67142
Stevens T D	66827
Stevens T H S	2111
Stevens V C	7443
Stevens W C	91991
Stevenson A	37864
Stevenson A E	7565
	17641
Stevenson A H	76393
Stevenson B	29792
Stevenson D D	41143
Stevenson E E	55452
Stevenson F J	38644
	40487
	47062
	49144
	49221
	64509
Stevenson F T	40252
Stevenson F V	11919
	56444
Stevenson G	17470
	29253
	42093
Stevenson G C	29864
	39634
	90488
Stevenson H F	9370
Stevenson J A	45239
Stevenson J H	9494
	95359
Stevenson J H F	32974
	32975
	67860
Stevenson J S	63533
Stevenson J W	66209
	67291
Stevenson L T	3733
	50559
	75630
	75631
Stevenson R	60980
Stevenson T M	73378
Stevenson V	2294
	13397
	32145
	40125
	54968
	74104
Stevenson V W	2112
	57779
Stevenson W A	43232
Steward B A	33696
Steward F C	29403
	56780
	73347
	81711
Steward J S	51658
Steward N O W	53401
Stewart A	15319
	67691
	84140
	92488
Stewart A B	14002
Stewart A P	87108
Stewart A P Jr	62077
Stewart C E	19374
	37086
	46515

	Item
Stewart C L	46553
	88914
Stewart C M	32149
	59126
Stewart C W	54912
	79972
Stewart D	38665
Stewart D L	4409
	4410
	8575
	67692
Stewart D M	84141
Stewart E	87289
Stewart E D	25822
Stewart F	37621
Stewart F M	12828
Stewart G	1462
	84997
Stewart G F	27000
	42627
	51593
	60260
	71013
	71055
	79835
	95386
Stewart G H	53341
Stewart G I	66980
Stewart G R	58530
Stewart H	83446
Stewart H A	5859
	32204
Stewart H L	61463
	95765
Stewart I	20402
	73270
	81702
	90099
Stewart I J	5271
Stewart J	24140
	50911
	76394
Stewart J A	73357
	74489
	91080
Stewart J D	5088
	65105
	74105
Stewart J G	17365
	39393
Stewart J H	59529
Stewart L R	6302
	43359
	77548
Stewart M T	8652
	55305
Stewart P	29545
	54531
Stewart R	70753
Stewart R A	26007
Stewart R D	23163
	42020
	59530
	76491
	84392
Stewart R E	35090
	42225
	44259
	53283
	78672
Stewart R M	37887
Stewart R N	686
	687
	776
	995
	28978
	28979
	74106

	Item
Stewart R R	56168
	89387
Stewart S L	76134
Stewart T G	46725
Stewart W	80906
Stewart W F	10926
	46726
Stewart W N	11413
	28459
	73226
Stewart W S	12470
	28784
	29205
	30006
	30607
	48083
	73271
	73272
Steyaert R L	72768
	81348
	81349
Steyermark A	69565
Steyermark J A	47197
	56186
	57780
	64226
	64227
	64228
	72429
	72430
	89273
	89382
Steyn D G	13822
	82904
Steyn O P J	78695
Steyskal G	33822
Steyskal G C	16748
	43557
	43558
	60981
	77907
Steytler H du P	14229
Stice L F	54503
Stichting "Boom en Vrucht"	29909
Stichting Economisch Instituut voor den Middenstand	87770
Stichting Nederlandse Uien-Federatie	65906
	74218
Stichting Proeftuin Lent	57781
Stichting voor Coördinatie van Cultuur en Onderzoek van Broodgraan Wageningen	39394
	57143
	57144
Stichting voor de Landbouw	38182
	96068
Werkgroep Prijspolitiek	71492
Stickler P E	7327
Stickley R M	12907
Stickney J C	15607
	24186
Stiebeling H K	46973
	53402
	63923
	69538
Stieber J	19800
	80907

	Item
Stiefel S	81703
Stieglitz E J	28198
Stieglitz H	12829
	20717
Stiehler R D	71088
Stiehm H	41258
Stiepel E	8503
Stier R	22256
Stieri E	57782
Stietz M	84996
	93101
Stifel W	9965
	46120
	47448
	71270
Stiff M L	12180
Stigliani R	66510
Stigloher M	69970
	69971
	69972
	70023
	70093
	70094
Stijmans	53377
	53378
Stiles C F	52145
	52164
	60605
Stiles G	65210
	66659
	79993
Stiles H F	22802
Stiles H R	26994
Stiles W	29404
Still G W	304
	6684
Stillman C W	55427
Stillman G	45713
	46955
Stillman G S	46954
	47077
Stillwell E W	18242
Stimson T E Jr	85425
Stine C M	94874
Stine J B	79019
Stine O C	17660
Stinson F A	21773
	29874
	73705
Stinson H L	65770
Stinson R F	13398
	21206
	73273
Stiper J	37237
Stipp G	22360
Stippler H H	35162
Stirland L L	79910
	79911
Stirling A C	86932
Stirling W	21207
	82451
Stirnberg	48726
Stirrett G M	86095
Stirton A J	62961
Stith L S	20633
	20634
Stitt A B	14587
Stitt L L	52580
	93996
Stitt R E	57323
Stiuart E	37757
Stiver E N	7085
	29514
Stivers J O	77668
Stivers O C	43612
Stivers R K	14003
Stjepan B	75342

	Item
Stjerna-Pooth I	11574
Stoa T E	12672
	32347
	39395
	39585
	57139
Stoate T N	3283
	31653
	41076
Stobbe P C	40560
Stobwasser H	34981
	77793
Stock J S	44437
Stock R P	71089
Stockbridge R R	71056
Stockdale A	90100
Stockenstrom B von	71601
Stocker F W	92111
Stocker M	77154
Stocker O	29405
	48084
	56169
Stocker W	35771
	45059
Stöckhert E	52726
Stockholm Konjunkturinstitutet	28148
	72070
Stocking C R	29135
	48185
Stocking G G	5089
	51380
	51496
Stocking H E	26844
Stockklausner	6943
Stöckl J	22114
Stöckl K	46727
Stockl L	78371
Stockl W	83950
Stockley G E	19060
Stöckli A	26302
Stockman L	3676
	3734
	3735
	50523
	50534
Stockman M J R	23536
Stockmayer W	5391
Stockton J J	32789
	51271
Stockton J R	58208
Stodart J A	27747
Stoddard E D	93036
Stoddard E M	528
	11660
	38777
	89586
Stoddard G	75807
Stoddard G E	76193
Stoddard Associated Milling Co	3948
Stoddard G E	84223
Stoddart L A	12734
	40308
	51806
	85074
	91010
Stoddart W E	54532
Stoeckel R	51882
Stoeckeler J H	2395
	3386
	13627
	13628
	58835
	52146
Stoeckli A	29406
Stoesz A D	20718
	82079

	Item
Stofberg J A	88525
Stoffels E	80841
Stoffels E H J	27567
Stohlman J W	24447
Stöhr	9736
Stöhr K	37037
Stöhr P	33745
Stoĭanov G A	28611
	48085
Stoĭanovskaĭa V I	33638
Stoĭanovskaĭa V N	60329
Stoilov M	81720
Stojanovich C J	17174
Stojkovska A	83147
Stokdijk W	11721
	48884
	57889
Stoke H F	65310
Stokely A J	45369
Stoker R L	3626
Stokes C M	40758
	78442
Stokes D D	83660
Stokes D R	45395
Stokes F C	2295
	13512
	13513
	87444
	95092
Stokes G W	38687
Stokes H G	43688
Stokes I E	28906
	30986
	57387
	58294
Stokes J S	75088
Stokes P	47798
	81704
	81705
Stokes W E	74107
Stokes W M	3105
Stokes W N	9838
Stokey A G	29407
	38497
	72442
	72443
Stokholm M	6303
Stokstad E L R	23883
Stoldt W	69566
	86933
	94766
Støle K	7939
	62052
Stoletov V N	29294
	47862
Stoll G	35849
Stoll K	12028
	20403
	29025
	38825
	72769
	78933
	89735
Stoloff L S	61870
Stolp H	12471
	58151
	64848
	64849
Stoltenberg K J	18155
Stölting J	8013
Stoltz E R	3386
Stoltze M	8006
Stolwijk J A J	39211

	Item
Stolze	81290
Stolze K V	16644
	47449
	47584
	81192
	93903
Stomps T J	11506
Stonaker H H	4411
	51059
	51060
Stone A	60982
	61025
Stone A M	10809
Stone C H	74799
Stone E	53116
Stone E L	13399
Stone E L Jr	13839
	19061
	21481
	21482
	75343
	75369
Stone F C	33547
	60330
	76492
Stone F D	44882
Stone F S	54328
Stone I	25872
	70754
Stone J D B	73842
Stone J E	996
	26726
	54533
Stone J H	50163
Stone K H	37638
Stone L E W	12050
	47686
Stone M	45729
	55948
	89070
Stone M J	53796
Stone M W	16645
	16646
	24755
Stone P C	16237
Stone W	45960
Stone W M	42711
	42970
Stone W S	60898
	60990
Stonebrink B	42226
Stoneburner P W	75547
	79224
	83580
Stoner D S	1531
Stoner H B	93545
Stoner M G	75940
	75941
Stoner W N	11920
	56444
	68465
	74580
	78529
	81291
	89736
	91300
Stopford R R	2691
	35027
	61645
	86382
	86458
Stoph W	10198
Stopiglia A V	15183
	15591
Stoppelaar Blijdesteijn J A de	22134

	Item
Storace L	6821
	17085
	78190
	86007
Storch H	5304
	60741
	77549
	93666
Storch K	75370
	92022
Storch R	23366
Storck R E	8311
	26239
Storck W	8312
	44831
	62172
Storer E H	59860
Storey A P G de	5009
Storey C H Jr	83516
Storey H C	14125
	21604
	21965
Storey H H	12029
Storey I F	11921
	21317
	30480
	31317
	49222
	49476
	56562
	64510
	74219
	81292
	93725
Storey W B	72839
	73903
Storgårds S J	36459
Storgårds T	44932
	53997
	53998
	70277
	79109
Storie R E	66242
	75200
Storiko	15211
Stork	8313
	8314
Stork R E	79172
Storkøbenhavns Kommunale Maelkeudvalg	8083
	17856
Storm	80222
	80223
	88424
Storm E	55306
	55307
Storm H	51348
Storm-Peine	63444
	86585
Størmer L	6392
Stormont C	4193
	24127
	32790
Storms D A	19375
Storozhev N	23699
Storstad S	49836
Storti N	49376
Story C G	17266
	64511
	74889
Story R C	88750
Story R P	79467
Story W L	8653
Storz H	10342
	49764
	58354

	Item
Stothart J G	24277
	60499
	78610
Stothart J S	77059
Stott C	41151
Stotz H	11341
Stoughton-Harris G	78191
Stout A B	89873
Stout G L	72871
	72872
Stout H A	1068
Stout L	59379
	67416
Stout P R	48009
	49448
	81593
Stout W	64229
Stoutemeyer V T	90892
Stoutenborough R E	23164
Stovall W D	59865
Stover H	9116
Stover L H	73892
Stover R H	12030
	20104
	50004
	89554
Stover W S	14935
Stoves J L	62431
	78192
Stovin G H T	32874
Stowers E B	83028
Stoy A	19582
Stoy O	363
	34982
	71653
	73843
	88594
	90641
	90655
Stoyanov J	81391
	82680
Stoye C	86970
Straalen P van Jr	1675
Straaten A van der	17086
	34627
Strachan B H	46882
Strachan C C	36160
	70665
	79372
	95047
Strachan J	13880
Strachan S G	18606
	59807
	68160
Stradaioli G	13773
	40470
	82704
Stradymov F	44184
Straeten G	86892
Strahan J L	17444
	78581
Strahm W	1676
Strain H H	81777
Strait J	61486
Straka H	89874
Straka L E	9596
Straka R P	27039
Straker R	45901
Strakhova V M	18744
Strañák J	12226
Strand A	16647
	16648
	68704
	68705

Strand A B 20120, 66575
Strand A L 10810
Strand E 39396, 48330
Strand E W 71502
Strand L 997, 3389, 22310, 31615, 75344
Strandberg O 43325, 93667, 93668
Strandtmann R W 16510, 93825
Straneo S L 16649, 52484, 85694
Strang J 20719
Strang P M 8577
Strang R 88824
Strange J D 14966, 59097, 75664, 92127, 92128
Strange K 10446
Strange T E 70545
Stranks D W 32176, 41639
Stransky E 33465, 42707, 42823
Strapp R K 3728, 22734
Strasburger E 19781
Strasburger L V 26612, 69615
Strassburg H 84142
Stratton C 8906, 66660
Stratton C L 2296, 7050, 18482, 26614, 59531, 69140, 79646, 95217
Stratton J 23660
Stratton J W 79048
Stratton P O 15982
Stratton V 5721, 53281, 60261, 80331
Stratz 34801
Strau J 88293
Straub M 42227, 84393
Straube M T 19521
Strauch E 35580
Straus A 70
Straus M W 74800
Strauss A 40243
Strauss B S 48186
Strauss G 94582
Strauss J L 57783, 74108
Strawiński K 61090
Strayer G M 71000
Strazza E 18156
Streater H 72691
Street A G 7342, 25704, 29622, 46578, 67417, 67583, 88425
Street F 90893
Street F T 26530
Street H E 56926, 81706
Street J E 12799
Street K 36826
Street O E 2297, 3115
Street T E 96227
Street-Porter S 45902
Streeter C P 75942
Streeter I V 27013
Streetman H L 88560
Streets R B 501, 11922
Stregevsky S 80649
Strehler B L 20471
Strehlke 28320
Strehlke B 91854
Strehlke E G 14360, 75012, 91792
Streicher L 4823
Streif K 4824
Strel'nikov I G 73893
Stremme H 21483
Strenge F A 78611
Streyffert T 75632
Stribling S C 80534
Stricker M H 6305, 6306, 34136, 43360, 85529
Strickland A H 6004
Strickland E H 61139
Strickland R M 13514
Strickler P E 44169, 57053
Strickling E 40426
Strieck H 61650
Striefler H 25507
Striglia G M 26423, 63534
Strijckers J 82589
Striker R 50585, 75707, 92124
Stringfield G H 29623, 57145, 73460
Striplin M M Jr 31281
Stritt W 85333
Strižić M 83802, 92225, 92226
Strobeck E 44883
Strobel D R 44832, 53851
Ströbele 27568, 72003, 80584
Strobl 86626
Strobl F 75013
Strobl V W 95584
Strock R L 79118, 87038, 87039
Strode G K 34423
Strodtz N H 45454, 70666, 87513
Stroganov N A 69757, 78934
Stroganova A S 22378
Strogov A K 85127
Strohecker H F 6882, 16650, 24778, 86046
Strohm J 5746, 31029, 51555, 67584
Strohmaier L H 1851
Strohmeyer G 16309, 31742, 75035
Stroikina V G 11575
Strokov S A 7119
Strokov V V 31766, 75371
Strolle E O 36986
Strøm A 63919
Strom B 76083
Ström E 4192, 32415
Strøm K 47329
Stroman G N 998
Strömbäck E 37543
Strommaes O 6572
Strømsøe B 66967
Strong B 44438
Strong B J 37990
Strong C B 13400
Strong C L 36618
Strong F C 11923, 20051, 56563
Strong T H 63067, 63445, 71493, 80224, 88612
Strong V 46359
Strong W F 73274
Strong W M 92350
Strooker E 7137
Stropkey J G 82452
Stroppel T 35028, 61545, 94406
Strothe A 45121
Strotmeyer 88426
Stroud J W 60471
Stroud S W 49317
Strouhal H 6393, 52485
Stroyan H L G 68852, 77987
Strozzi P 83896
Strübe K 62923
Strübing H 68380
Struble E B 45455
Struble G S 63758
Struble R G 14361
Struchaev I 10367
Struchtemeyer R A 49164, 63824
Struckman H J
Struckmeyer B E 47789, 57565
Strufe R 72265
Struijs L C 58557
Strunnikov V A 61285, 98711, 71271
Strunz 9892
Strunz H 18926, 18927, 35050, 44297, 63296, 71303, 95655
Strusi A 40488
Struss H E 76350
Struthers J 34137, 52318
Struyk W 21709
Stryckers J 2396, 29399, 40309, 40310, 82590, 91081
Strydom E 62480
Strydom J C 21208, 49091, 57784, 65771, 74649
Strydom S L 9872
Stryker D W 2113
Stryszak A 33751
Strzemienski K 20078, 48086
Strzhemskaia I A 999
Stuart G M 39847
Stuart J E 67693
Stuart K 32791
Stuart N W 2114, 13401, 40126, 48087, 49092, 65772
Stuart O M 51239
Stuart P 42228, 67694
Stuart R C 55419
Stuart R D 84550
Stuart W R 76493
Stubbings R 95313
Stubbings W A K 16238, 75833
Stubbs A L 68344
Stubbs E L 88526
Stubbs J R 90430
Stubbs L L 29026, 72873
Stuben M 34674
Stubenrauch W 71713
Stüber O 35850, 44833
Stubner K 85465
Stucchi C 71
Stuch 10811, 37422, 37888, 46728, 88825
Stucken-schneider H A 18540
Stucker C L 4877, 84513
Stuckmann F 28948
Stüdemann K R 9368, 87808
Studer A 37889
Studer E 66429
Studer E F 21469
Studer W 37238, 37544, 86216
Studholme C R 12102
Studiger J 23255
Stuebel H 34802
Stuewer F W 27857
Stuijvenberg J H van 27748, 54969
Stuivenberg J H M van 31030, 39848, 39849, 48088, 73751
Stukkei K L 64904
Stull J W 35772
Stul'nikova R I 39243
Stumm 57610
Stummer B 57785
Stummeyer H 57984
Stump C 67695, 92655
Stumper R 16924, 25020, 78047
Stumpf P K 1037, 1069
Stümpfle R 171
Stumpp K 58989
Stunz D I 23927
Stünzi H 4924, 76567
Sturany H 83529, 92007
Sturdy M 18222
Sturgeon J H 60606
Sturgeon R H 92935
Sturgeon W 74109
Sturgis M B 58248, 66423, 74563, 74579
Stürgkh B 14719
Sturiale F 12472
Sturkie P D 15846, 42718, 42719, 76844
Sturm H 78292
Sturm J 60262
Sturmfels 77550
Sturrock D 64390, 65409, 65410
Sturrock T T 65411, 66469
Sturtevant A H 13402, 13403
Sturtevant F M Jr 24867
Sturtevant R 15758, 76717
Sturzo L 71494
Stüssi D 35851, 53963, 62264
Stute K 16453, 51754, 58311, 60292, 85530, 93669
Stutinsky F 64905
Stutt R A 27858
Stutzman J M 36747
Stuurman A A 19507
Stuyvenberg J H van 27569, 71654
Stycos J M 72018
Styer J F 90534
Stytsiuk P A 48817
Süab H 58355, 58388
Suárez J A 68161
Suarez C C 62745
Suarez Caabro J A 10273
Suarez Caviglia O R 63446
Suarez de Castro F 2501, 3088, 14230, 14231, 19723, 40127, 40897, 83125, 74890, 80342, 89173

	Item
Suárez Franck A	19159
	46455
Suárez Gámez J M	63256
Suafez Nelson M	4825
	23367
	25277
Suarez Nelson M	42094
	44034
	51061
	59732
	59733
	76395
	76396
	92489
	92656
Suarez y Suarez A	40532
Subbiah B V	13764
	74650
Subbotina A E	57146
Subik H	81034
Subiria Carrillo J	88427
Subrahmanyam K	72004
Subrahmanyan R	19782
Subrahmanyan V	79520
Subramaniam M K	722
	12195
	12227
	29180
	29185
	29173
	47863
	47864
	56719
	64850
	73075
	73134
	81453
Subramanian C V	2622
	56356
	76659
Subramanian S S	267
Subramanyam K	723
	12181
	29126
	38947
Subramanyan N	83542
Sučević O	94686
	95134
Such S	58866
	91878
Suchalkina M I	40526
Suchtelen G E van	44551
	86627
Suchý V	62960
Sučić J	83263
Suckling F E T	12830
	57324
	73620
	83090
Sucksdorff K	18157
Sudachenkov V	62822
Sudachenkov V V	67696
Sudan Dept of Economics and Trade	63873
Sudan Ministry of Agriculture	96185
Sudarsanam M	9491
Süddeutsche Molkerei-Zeitung	7929
Sudell R	73722
Sudholt	8014
Sudia T W	72318
Sudia W D	42615
Sudiro M	25082
Sudnitsyn I	91933
Sudre J	69127
Suenaga K	29582
Suetsugu I	29793
Suffern C	61318
Sufficool J R	38657
	47477
Sufi M H	27674
Sugano M	50509
Sugar Research Foundation	54915
Sugar Technologists' Association of India	95545
Sugawara T	47799
	50646
Sugayama J	25870
Sugden B	93178
Sugg R S	4194
Suggitt J W	3116
	22559
	57985
	61871
	91082
	91083
Sugi H	94297
Sugihara H	50450
Sugihara J M	11390
Sugimoto H	50259
	55018
Sugimoto T	89875
Sugiura G	50632
Sugiyama S	34609
Sugiyama T	64851
	82905
Sugrobov M M	58356
Suguitan J	80225
Suic M	75943
Suit R F	19909
	38755
Suiter J	67448
Suja E	95218
Sukachev V N	81707
	91764
Sukhanov M I	33778
	51931
Sukharev I P	31806
	83457
Sukhatme P V	11347
Sukhobrus F E	39397
	47865
Sukhorukov K T	29408
Sukhov F	46435
Sukhov K S	72173
Sukhova M N	24868
	60983
Sukortseva K D	17310
Sulakos C T	79626
Sulfagin I D	34543
Sulimovskiĭ I G	82944
Süljmanac N	88298
Sułkowski M	32114
Sulland A	41152
Sullivan B	87675
Sullivan C E	39922
Sullivan C R	25024
Sullivan J B	33108
Sullivan J P	50890
Sullivan J T	26303
Sullivan M C	63343
Sullivan R L	61122
Sullivan T E	53485
	61807
Sullivan W	10376
	21839
	27715
	37573
	37574
	37576
	55448
	80328
	88566
	95843
	95847
Sullivan W G	35747
Sullivan W N	77262
	85448
	93486
Sulochana C B	74490
Sulser H	17583
Sultanov M N	67458
Sulzbacher W L	70890
	95263
Sumanov E IA	90275
Sümer S	93753
Sumerford W T	6037
	24869
Sumiki Y	73275
Summer E M	89471
Summer W	36827
	53568
	61872
Summerhayes V S	28612
	47291
	56248
	56249
	56250
	56251
	56252
Summernays R S	76671
	92882
Summerland S A	5962
	16511
	33865
	77219
Summers E	71911
Summers E M	12031
	90463
Summers F	27869
Summers F M	34628
	34629
	68853
Summers H B Jr	41595
Summers J W	18959
Summers K	47309
Summers T	22471
Summers T E	11924
	38756
Sumner D C	17328
	39514
	48486
	57268
	82020
	90372
Sumner Mrs G	90894
Sumner G R	23368
Sumner J B	29486
Sumner K C	94551
Sumner W D	46883
Sumpf K C	6307
	19665
Sumrall F F	46884
Sumstine D R	81193
Sun J Y T	52195
Sun S K	89673
Sun V G	39635
	90101
Sun Y P	6005
	52125
Sunada K	15847
Sunaga S	95766
Sunbeam Corporation	42310
Sund J M	1306
Sundal K M	80111
Sundaram N V	56351
Sundaram S	40370
	58051
Sundararaj D D	12162
	73021
	90075
Sunday M B	62604
	62647
	87434
Sundberg D F	20607
	58276
Sundbo A G	3646
Sundby J	10420
	44227
	76135
	92711
Sunde M	5272
Sunde M L	5273
	23806
	23807
	23858
	23884
	76766
	76767
	79878
Sundelin G	2397
	48331
	57986
	66020
Sundell S	56181
Sunderland W W	30608
	55999
Sunderville E J	86605
Sundgren G	76462
	76494
Sundheimer P W	74891
Sundholm A	6492
Sundin A	49416
Sundkvist S	9937
Sundman J	14936
	22727
	32177
	32178
Sundman V	32177
Sundstrom R W	21837
Suneson S	38948
	56253
Sunnberg T	59098
Sunset Magazine	17511
	78655
Sunţsov A A	58529
Suolahti O	58990
	83551
Suomalainen E	25034
Suomen Maatalous-Osake-Pankki	9839
Supperer R	42229
Supraptohardjo M	90265
Supreme Commander for the Allied Powers	3246
Natural Resources Sect	8615
	10873
	11008
	13825
	19074
	21860
	28651
	30835
	31397
	37714
	40995
	60601
	66536
	71266
	72549
Suprunenko N D	22115
Surange K R	89251
Surber E W	30609
Sure B	87676
Surin P IA	60441
Surinam Algemeen Bur voor de Statistiek	11009
Surkov A	26240
Surkov V	26241
	44138
	45060
Surmorin	1871
Surnachev A V	59598
Sury A	24310
Suryanarayana J V V	66424
Susens G	80051
Sushkov P F	1256
Susini A	67312
Susini E	49093
	57786
Susini-Holden	51364
	76514
Suslov A	23598
	90431
Suslov A F	57325
	58357
	74651
Susmel L	14588
	41153
	73022
	75345
	75722
	83334
Suso M	39909
Suso Mezquita M	18243
Süss K	32792
Sussman A S	43849
	78193
	81293
Sussman M	28716
Sussman O	36828
	87784
Sustrina V	46729
Sutaone G G	32106
	41640
Sutcliffe A	90535
Sutcliffe J F	56996
Sutcliffe R W	52319
Suteau A	87677
Sutherland A K	76985
Sutherland D N	4707
Sutherland J	90895
Sutherland J G	25337
Sutherland L M	50560
Sutherland M	72
Sutherland R	7940
Sutherland S S	63759
Šutić D	11979
Sutisno R	92712
Sutliff R C S	46730
Sutoh H	92227
Sutra R	87367
Sutter R de	61832
Sutton C C	69567
Sutton C D	31790
Sutton C R	13404
Sutton D D	72802
Sutton F W	94337
Sutton G K de	26929
	95330
Sutton G M	19783
Sutton J	5524
	84793
Sutton J G	2986
Sutton M F	61091
Sutton P	32699
Sutton T S	23256
	23257
	23258
	51140
	59598
Sutton W A	80585
Suurballe A	4708
	15488
	23369
	76397
	84394
Suvenvuo K G	41759
Suwan L	37424
Suzanne	89045
Suzdal'tsev I	53094
Suzdal'tseva N V	33697
	77150
Suzuki C	94182
Suzuki I	57837

	Item
Suzuki K	80226
	86060
Suzuki N	93413
Suzuki S	42915
	64852
	66154
	80920
Suzuki T	49773
	62548
Suzzi-Valli E	3976
Svanberg O	2834
	3949
	11210
	14268
	14277
	23259
	30820
	32793
	40943
	82709
	83750
Svantesson T	76839
Svärdström K F	19448
	96106
Svedbäck V	51062
Svedelius N	89434
Svedmark B	31767
	41259
Sveinsson R	76981
Svendsen C	23700
Svenkerud R R	42416
	51442
Svensen H A	20140
Svenska Ägghandelsförbundet	79871
Svenska Färavelsföreningen	51883
Svenska Handelsbanken	88164
Svenska Institutet för Konserveringsforskning	8907
	44420
	69641
	69713
	86638
Svenska Linné-Sällskapet	72293
Svenska Skogsvårdsföreningen	91575
Svenska Smörprovningarna	17895
	94815
Svenska Svinavelsföreningen	33663
Svenson H K	89367
Svenson I	62746
Svenson J	9117
	26735
	39398
	65033
	87628
Svensson G	35744
	68706
Svensson I	78194
Svensson K	94407
Svensson K A	61546
	78565
Svensson K B	15547
	51348
	53886
Svensson V	65907
Sveriges Biodlares Riksforbund	16454
	68583
Sveriges Lantbruksförbund	55308
Sveriges Pomologiska Förening	39850
Sveriges Skogsägareförbund	75195
Sveriges Slakteriforbund	70843
Sveriges Utsädesförening	73
	90212
Sveshnikova I N	12182
	64156
Svetovidov A N	28321
Sviatelik N A	821
Svíatenko M M	63138
Svíatishenko A S	71154
Sviatoslavov N I	36051
Svidercoschi A	10812
Svien T	11722
Svihla A	52486
Svinkin Sh B	20600
	48332
Svinth C A	80521
Svinth J F	92490
Svintsov I	71350
Svintsov I T	74220
Svintsov P M	23018
Sviridonov M G	1254
Svirsky A	61104
	78000
Svoboda J	16455
	16456
Svoboda K	19144
Swaby R J	11731
	49477
	49478
Swaebly M A	248
Swagler R S	7138
Swahn O	33754
	60495
Swain E H F	91576
Swain H D	52829
	60519
Swain I L	34138
	36469
Swain J R	56927
Swain M L	87832
Swain P J	33639
Swain R B	86047
	93487
	94175
Swaine G	5493
Swainson O S	339
Swales W E	15212
	23019
	33349
	42708
	42968
	84914
Swaminathan M S	47785
	64677
Swan D C	69009
Swan H	83216
Swan H J	14126
Swan L C	59380
Swan R J	50468
Swanback T	91347
Swanberg S G	79423
Swanenburg de Veye G D	11609
Swank G Jr	11925
Swank O A	62125
Swank R L	63919
Swanson A F	1463
	12673
	92228
Swanson A M	79016
Swanson C	24650
Swanson C A	47891
Swanson C A and Sons	35660
Swanson C L W	14232
	21411
	58088
	66243
	74439
	74652
Swanson C P	20404
	64698
Swanson C R	64838
Swanson E R	46121
	80026
Swanson E W	4709
	15320
	42021
	76136
Swanson G A	50138
Swanson H	66021
Swanson H B	74653
Swanson J N	69432
Swanson J P	48198
	63592
Swanson L E	23020
	59734
Swanson P P	96138
Swanson R	7831
Swanson W J	54690
Swanton M	46772
Swanton M K	53746
Swantz A	86971
Swarbrick T	13629
	77297
Swarner L	21903
Swarner L R	30721
	30846
	40416
	40477
	58450
	82756
	82757
	91255
Swart A G	49545
Swart J C	76137
Swart J S	42966
Swartenberg H S	62564
Swartenbroekx J	67985
Swartling P	26112
	35763
Swartling P F	8015
	59599
Swartwout H G	38582
	38622
	38623
	38624
	38625
	38626
	43233
Swartz D M	70095
Swartz K T	36672
	45657
Swarup V	81014
Swayne J R	106
Swaziland Dept of Native Land Settlement	37639
Sweany H P	27859
Swedberg J H	95370
Swedberg J I	12831
Swedborg E	19075
Sweden Kontrollstyrelsen	9893
Sweden Kungl Skogshögskolans	75632
Sweden Lantbruksstyrelsen	54465
	72175
	96186
Sweden Lantmateristyrelsen	71727
Sweden Skogsstyrelsen	3196
Sweden Socialstyrelsen	9966
	18960
Sweden Statens Centrala Frökontrollanstalt	79912
Sweden Statens Forskningsanstalt för Lantmannabyggnader	35132
Sweden Statens Lantbrukskemiska Kontrollanstalt	56000
Sweden Statens Maskinprovningar	69141
Sweden Statens Skogsforskningsinstitut	58672
Sweden Statens Växtskyddsanstalt	364
	365
	502
	38757
Sweden Statistiska Centralbyrån	35429
	44639
	94626
	95934
Sweden Svinstamkontrollen	68296
Sweeney A	13823
Sweeney B M	11576
Sweeney J P	69568
Sweere A H	13784
Sweers B M	36052
Sweet C	84479
	71745
Sweet C B	6944
	17201
	86116
Sweet E D	30610
Sweet F	19376
	21585
Sweet J	13405
Sweet J M	14597
Sweet M C	28027
	60107
	63024
	68162
	71057
	86416
	87972
Sweet R D	829
	21353
	30611
	49318
Sweetland R E	47585
Sweetman H L	16720
	17168
Sweetman M D	38066
Sweetser G A	66430
	66431
	66432
	74801
	82453
	90896
Swegle W	28028
Swegle W E	7368
	19186
	94470
	42062
	55309
Swellengrebel N H	11277
Swem E R	54970
Swenson K G	64578
	77852
Swenson M J	32283
Swenson O W	74683
Swensson T	84143
Swerdlow M	58097
Swerling B C	54913
	63874
	79973
Swern D	18635
	36559
	36747
Swerts E	13066
Swett C	8161
	26124
	79112
	87031
Swezey O H	60607
Świąder J	83217
Swick R W	60478
	62823
Swickard M T	19555
	36829
Święch S	23370
Swierstra J	19951
Swietkowiak G	7139
Świeżyński K	29027
Swift C E	62803
	70891
Swift E	59244
Swift E L	57037
Swift J E	16504
	34553
	34554
	61151
	77643
	78060
Swift L J	36235
	45315
	54226
Swift L W	31813
Swift R W	59245
	67275
Swim H C	65773
	65774
	74118
	82232
Swinbank J C	60608
Swingle C F	29409
Swingle H D	40244
Swingle H S	11211
	66576
	86117
Swink E T	17279
	44035
Swink F A	89273
Swirski E	68854
	85876
Swisher S N	59866
Switzer D	44606
Switzer J F Q	10555
Switzer W P	24309
Switzerland Eidgenössische Alkoholverwaltung	87345
Switzerland Eidgenössische Land- und Milchwirtschaftliche Versuchsanstalten Liebefeld	19724
Switzerland Eidgenössische Landwirtschaftliche Versuchsanstalt Zürich-Oerlikon	12674 21318
Switzerland Eidgenössische Milchwirtschaftliche und Bakteriologische Anstalt Liebefeld-Bern	18008
Switzerland Eidgenossische	11010 46945
Oberzolldirektion	88977 96107
Switzerland Eidgenossische Versuchsanstalt für Obst-Wein und Gartenbau in Wädenswil	8908
Switzerland Eidgenössische Volkswirtschaftsdepartement	19725

	Item
Switzerland Eidgenossische Zentralstelle für Käserei- und Stallinspektion Liebefeld-Bern	15119
Switzerland Eidgenossisches Institut für Schnee- und Lawinenforschung	3495
Switzerland Eidgenössisches Statistisches Amt	9380 10237 39760 44010
Switzerland Station Fédérale d'Essais et de Contrôle de Semences Mont-Calme Lausanne	48244
Syakudo K	73083
Sybesma J	40246
Sydow C von	76607
Sykes F	2692
Sykes G	3826 15927 24073 93102
Sykes J F	42230
Sykes S M	86667
Sylstra A A	51659 68090
Sylstra A W	42709 60180 60181 60182
Sylvén M	42022
Sylvén N	81134
Sylvest J H	45814
Sylvester E S	592 68855
Sylvester F J	7559
Sylwan P O	43361
Sylwester E P	2372 30548 30612 30613 39491 57987 65989
Symes C B	93488
Symes E L	74654
Symes H	17087 34630 43850 68707 86008
Symmons S	94205
Symoens J J	11562
Symon J A	12832 24218 29794 80785
Symons A D	13881
Symons M O	70096 79082
Symons R W	42095
Symposium on Nutrition Fronts in Public Health Yale University	63920
Synave H	16870 43689
Syndicat des Importateurs et Commissionnaires en Bananes de l'A O F	11011
Syndicat des Riziculteurs de France	36437
Syndicat Général de l'Industrie Cottonière Française	36053
Synge P M	87290
Synge R L M	30368 18051 59246
Syngrassides A J	85779
Synman S	70556
Synzynis B Z	24651
Syracuse University Dept of Plant Sciences Div of Bacteriology	90102
Syresin I	23661
Syresin I P	33023
Syrett P J	20406
Syrstad O	92491
Syverson M R	39305
Szabo E	12527
Szabo L	59607 67593
Szaflarski S	24310
Szalay L	24713 34206 34207 85593
Szalfarski J	5034 23021 23515 23549 33312
Szczudłowska M	32794
Sze W B	39635
Szeged Hungary Egyetem Botanisches Institut	28537
Szelc J	91313
Szélyes L	83843
Szemes G	29064
Szent-Györgyi A	95264
Szent Iványi T	5807 5846
Szilvinyi A	56170 62747
Szirmai J	20052
Szkolnik M	11926
Szmidt W	39694 63447 63819
Szóllósy E	4082
Ször P	36856
Szulczewski J W	81122
Szumowski F	84202
Szyffres B	84395
Szymanek J	1301 8516 18139 70423
Szymkowicz R T	68423
Taback M	94567
Tabb C B	78746 79569
Taber E	33358
Taber G L Jr	21209
Taber S	74440
Taber W A	58152
Taberly G	16512
Tabidze D I	30132
Tablante N B	9574 17616 63820
Tabler K A	76405
Taboada J	13125
Tabor P	65211 80821 82080 90432
Tabor P C	48537
Tacchi L	2987
Tacci M	42876
Tachau A V	15759
Tachi I	67143
Tachikawa S	8578 45240
Tack G W	83532 92010
Tacke J	25960
Tacken P H W	77124 92492
Tada T	70469
Tadeosían P A	14004
Tadíc M	17088 25076
Tadić M D	6822
Tadros T M	655
Taegel W M Jr	75944
Taff H A	14233
Taff P C	19692
Taft R A	71496 80581
Tafuri J F	85926
Tafuro A J	21412 21413
Tagawa M	189
Tagawa T	1000 12404
Tageeva S V	25513
Täger E	53121
Täger W	79450
Taggart E T	41931
Taggart J I	15928 33466
Taggart M F	7484
Tagle E C	32795 59532 84224 84396
Tagle V I	4710 60370 60371
Taguchi H	38392
Taguchi K	30481
Taguchi R	90103
Tahalele E	19583
Tahmisian T N	25106 34675 34676
Taibel A	23977
Tailland	59381 59382 59431 60372
Tainio A	22021
Taira T	72319
Tait E B	10844
Tajima H	26736
Tajima Y	69025
Tajima Y A	68492
Takada H	29410 90104
Takada N	94038
Takada R	79313
Takagame K	73760
Takagi A	28227
Takagi K	18454
Takagi M	13730
Takagi T	76697 89876
Takagi Y	64906
Takahashi H	4347
Takahashi I	72320
Takahashi J	18325
Takahashi K	12549 76768 76919
Takahashi M	73038 82454 82455 92327
Takahashi N	80904
Takahashi R	16871 29186 29624 52680 81274 81890
Takahashi T	19547 93037
Takahashi W N	12032 47657
Takahasi Y	52147
Takai S	39562
Takaki N	39596 212 11549 56300
Takamatsu Y	79314
Takano I	83951 50635 90179
Takano T	93523
Takanov P	37545
Takashima S	82531
Takashima T	50519
Takasima S	81454
Takata I	51993
Takata M	19547
Takata Y	91444
Takayasu K	26978
Takechi O	15023 50638
Takeda M	59141
Takeda S	31804
Takematsu T	18325
Takemori T	83642
Takeshima K	82529
Takeshita R M	72770
Takeuchi T	68517
Takeya C	93997
Takhtadzhían A L	38393
Takiguchi K	14186
Takizawa H	50257
Talapatra S K	15380 78500
Talawalkar R T	5695
Talbert S	37175
Talbot M	16925
Talbot P H B	73276
Talbot P R	90991
Talbot R J de C	76621
Talbot W J	71252
Talbott G J	71497
Talboys P W	90105
Talburt W F	8769 26615 54366
Talce D	62087
Talegón Heras F	53887
Talero García F	71498 83126
Taleyarkhan H J H	10927 19726 96017
Taleyarkhan J H	3244
Talhouk A S	6685
Taliaferro W H	23978
Taljaard P C	25873
Tall Oil Association	22684 41586
Tallantire P A	47707
Tallarico G	656 3950 4516 12473 13028 13731 15120 15121 17688 18455 19584 28242 29411 32875 39192 39560 39788 48538 54534 55946 67313 67314 69714 74395 77551 82642 82733 82743 89066 90106
Tallarico L A	14210 83103 83127
Talley E A	27157
Talley L E	83613
Talley P J	13536 13555 13607 13630 13631 17401 34750 49330
Tallman K L	23371
Tallman S L	86235 94298
Tallon G	28451
Tallon J G	82109

	Item
Tally C F	70278
Talmadge D W	18714
Talmadge H	19422
Talmey P	9118
	62748
Talmon	18344
Taloumis G	21210
Talpade R M	10256
Talsma D	4666
	4711
Talton H	63173
Tamagnini G	46122
	55015
Tamamshian S G	47800
Tamanaga I	70470
Tamanini L	24967
	85877
	85878
Tamarchenko M E	53797
Tamaš L	15489
Tamate H	59383
Tamayo A	27860
Tamayo F	10343
	65175
	66661
	66981
	74892
	83128
	83429
Tamberg T G	2115
Tambiah M S	47885
	81026
Tamblyn N	6407
	31972
	50613
Tambs-Lyche H	16872
Tambuyzer C	72005
Tamés C	87823
Tamesis F	14347
	22435
	83501
Taminau A	51365
Tamm	9145
Tamm A	54535
	62749
Tamm C O	12474
Tamm E	48089
Tamm I	23979
Tamm O	2658
Tamm R K	74110
Tamman A I	91348
Tammela V	75595
Tammes P M L	18667
	80407
	73277
	73278
	89196
Tammus E A	23467
Tamplin J U	52320
Tams W H T	61246
Tamura T	83029
Tan L P	27168
Tan P T	2988
Tanaami T	92258
Tanabe K	90107
Tanabe T V	42023
Tanabe T Y	4412
Tanada T	2596
Tanaka C	90570
Tanaka H	43019
	45720
Tanaka K	89555
Tanaka M	9254
Tanaka T	5511
	9580
	27035
	33173
	67926
	76917
	94206
Tanaka Y	88674
Tanashev F	34858
Tanatin B IA	40528
Tanco Guerra C	9288
Tanda S	92351
Tandan B K	52903
	69052
Tandon G L	95131
Tandon I N	478
	38700
Tandon P L	63174
	63175
	82124
Tandon R K	2398
	2883
Tandon S L	90108
Tang C K	39617
Tang H	27816
	27861
Tanganyika Coffee Growers Association	74396
Tanganyika Coffee Research and Experimental Station	91118
Tanganyika Dept of Agriculture	28281
Tanganyika Dept of Veterinary Science and Animal Husbandry	59384
Tanganyika Forest Dept	14396
	31454
Tanganyika Government Chemist	35235
Tanganyika Sisal Growers' Association	1302
Tanganyika Sisal Marketing Association	18158
Tange H	34340
Tangorra A	66470
	69201
Tani N	90240
	91898
Tani T	11863
	20358
	26736
	26737
	26738
	26739
	90047
	90048
Tani T G	17144
Taniguchi E	50633
Taniguchi S	3387
Tanikawa E	18839
Tanis K	21823
Tannehill G F	14589
Tanner A	84397
Tanner C B	39070
	40427
	40428
Tanner C R	6726
Tanner F	83866
Tanner H	31363
	35562
	44427
Tanner H A	11150
Tanner J C	57038
Tanner K G	996
	54533
Tanner R	24141
Tanner V M	16651
Tanner W L	13632
Tanners' Production Club of Wisconsin	36673
Tanrikut S	20053
Tansey A W	88571
Tansley K	15598
	15599
Tantraporn W	64751
Tantzen J	48245
Tao C C	85698
Tao T K	27109
Taper C D	20858
Tapia E A	52581
Tapias R	17383
	57326
	92713
Tapias Martin S	54163
Tapke V F	47586
Tapley W T	17367
Tapp F C	8315
Tapp J W	27570
	46337
	55310
	63025
	63448
	71499
	71500
	95629
Tarabiono C	26740
Tarabusi T	1001
Tarade R de	31499
Tarakan I F	34139
Taran A	27414
Taranchuk M L	1506
Taranov A D	4195
Taranov G F	24652
	34140
	43362
	52321
	52322
Taranova A I	9119
Taranova R D	35591
Tarantola M	56934
	81714
	81778
	90115
	90180
Tarasenko M P	1002
	56445
	57481
	57566
Tarasevich L M	94183
Tarashkevich S	40371
Taraskevich G M	41463
Tarasov A	59919
Tarasov A A	84739
Tarasov F	26242
Tarasov G V	24653
Tarasov S	39399
Tarasov S V	36054
	70471
	79315
Tarasova E N	56892
Tarasova T L	28460
Tarassuk N P	53993
	87109
Tarchi A	66433
Tardieu A	70755
Tardieu-Blot	47303
	56286
	56287
	56288
	89261
Tardiff R O	8316
Tardo S	1275
	2298
	6686
Tardrew C G	78195
Tardy L	50048
Tarjan A C	38845
	47687
	72908
	89755
Tarlatzis C	86606
	92657
Tarlatzis E	93159
Tarnopol'skiĭ É	79677
Tarnowska K	29482
Tarnvik N	36892
Tarr H L A	69569
	84575
	92945
	95314
Tarr S A J	29028
	52610
Tarragó Pleyán J A	50912
Tarrant R F	21774
Tarroux M	1258
	7832
	21004
	73894
Tarshis I B	77908
Tarver D	76233
	79712
Tarver J D	19278
	27887
Tarver W J	76568
	84398
Tarvit I A	43559
Tasch P	28461
Tasche C	13406
Taschner J	14794
Tashkovski M	84144
Tasmania Dept of Agriculture Entomology Div	17089
Tasmania Forestry Commission	31455
Tasmania Statistician	62280
Tasseau	14823
	31500
Tassi	63026
Tassi L	50913
	63875
Tassoni J P	34631
	78196
Tatarinova N K	12475
Tatarinŝev A S	13067
Tate H C	10601
Tate H D	56928
Tate H F	1938
	8654
	13226
Tate M T	19290
Tatebe T	12228
	12476
	57890
Tateishi M	22511
Tateishi S	42373
Tatishvili G I	40311
Tatom A	122
	1464
	82081
Tatro R	84794
Tatsumi H	42485
Tatsuzawa S	26741
Tatter C W	7963
Tatum E L	48182
Tatum L A	12477
	48264
Tatuno S	73023
Taub J	51594
Taube A H	22400
Taube E	20601
Tauber I	27892
Tauber J	63640
Tauber O E	34436
	43450
	43474
	68661
Taubitz	33905
	36236
	62481
	72874
	73731
	87445
	93803
Taubitz A	38826
	56446
	85879
	89737
	89738
	93998
Taubitz K	42710
Tauc L	20408
Taucinš E	32284
	32423
	35236
	96160
Taudevin C H	74117
Taufel K	17896
	45601
	86555
Taufflieb R	93319
Taufšin' É	94523
Tauxe G J	3626
Tavadze P G	30133
Tavaila A	37955
Tavalinskiĭ S	79678
Tavares C N	28640
	28717
Tavares I M	28640
Tavares P	18805
Tavčar A	12675
Taveira M	7444
	25682
Tavernier J	35505
	53651
	69773
	78892

Taves M J Item 27904, 55608, 80521, 88718
Tavoni V 67418
Tavora A F 4712
Tavora B 4196
Tavora B A F 15490
Tavora L de 65034
Tawell G H 82140
Tayel M A R 30482
Taylor A D 2693
Taylor A J 46436
Taylor A L 14252, 38846, 81366
Taylor A W 32796
Taylor B 18217
Taylor B R 4413
Taylor C 39695
Taylor C A 20409, 25302
Taylor C B 91234
Taylor C C 10344, 27893
Taylor C E 30614, 30615, 48090
Taylor C F 52830
Taylor C S 18961, 27675, 80112
Taylor C V B 5127, 51516
Taylor E A 16699, 52093
Taylor E J 16840, 16873
Taylor E L 23356, 23372, 42231, 59735, 76398, 83952, 83953
Taylor E M 91084
Taylor F 16652, 93804
Taylor F J 68584, 83030, 90109
Taylor F R 71058, 79872
Taylor G 20824, 49094, 72431
Taylor G C 90897
Taylor G G 366, 34632, 61247, 85594, 86009, 95175
Taylor G P 77731
Taylor G S 40429, 58080, 66133, 74430
Taylor G V 89096
Taylor G W 48539
Taylor H 16310, 31225, 40843, 79451
Taylor Mrs H 33467, 51737
Taylor H C 2693
Taylor H G 78477
Taylor H J 61873
Taylor H M 17705, 45875, 80227
Taylor H P 86628, 94588
Taylor H S 72816, 92658
Taylor H V 12995, 20869
Taylor I 16457, 16458
Taylor J 1677, 1852, 53486, 55004, 64289, 64391, 72772, 76972, 79679, 80700
Taylor J B 24128, 33640, 42913, 77038, 85067, 93144
Taylor J C 37239, 72771, 74112, 76920
Taylor J G 53353, 80908
Taylor J I 6394
Taylor J J 80310, 95476
Taylor J K 27676, 30723
Taylor J L 10200
Taylor Mrs J L 80541
Taylor J P 21414, 42824
Taylor J R Jr 2835, 40729, 50049
Taylor J W 12588
Taylor K L 15033, 16653
Taylor K N 56948
Taylor K R 14320
Taylor K S 64157
Taylor K W 37133, 54839, 54840
Taylor L 15661, 42503, 42504, 67945, 79630, 94692
Taylor L B 52994
Taylor L C 61991, 78337
Taylor L F 92493
Taylor L H 20252, 39400
Taylor L J 15929, 15930, 24074, 51595, 60263
Taylor L R 5900, 77956
Taylor L W 5165, 15760, 71059
Taylor M E 5650, 13922, 32468
Taylor M H 45680
Taylor M K 44838
Taylor M W 5525, 68028
Taylor P E 45582
Taylor P R 36214, 54217, 62549
Taylor P S 27415, 37764, 63344
Taylor R A 22436
Taylor R B 35401, 87368
Taylor R F 75089
Taylor R G 32285
Taylor R H 7328, 46885, 71090
Taylor R K R 31169, 88692
Taylor R L 18962, 72321
Taylor R P 91521
Taylor R R 15761
Taylor S 56971
Taylor S A 1003, 14127, 58089
Taylor T P 74893
Taylor T R 27347
Taylor Sir W 3211
Taylor W 31501, 32963
Taylor W C 32577
Taylor W G 84587
Taylor W L 58630
Taylor W R 28661, 64285, 81035
Taynton M 42399
Taysom E D 41894
Tazima Y 12330, 13466, 78239
Tazoe H 48091
Tchan Y T 89435
Tchen L I Y 94517
Teagle W 7517
Teakle L J H 2659, 2836, 19145, 21775, 21776, 31031, 31032, 40730, 49994, 82906
Teal E 70024
Teal H 68585
Teal M 5526, 48540
Teale E W 3089, 28462, 93346
Teare D W 44036, 69481
Teas H J 12478, 90110
Teasdale Sir J 11012, 18456
Tebb C P 1259
Tebbe C L 50176
Technau G 31984, 93805
Technical Association of the Pulp and Paper Industry 50561
Technical Meeting on Cooperatives in the Caribbean 28100
Tecourt 74138
Tedder 17368
Tedder P W 67843
Tedesco L F 32709
Tedin O 72773, 90185, 90447, 91517
Teel G P Jr 22001, 85466
Teeri A E 15213
Teerink E 14477, 50201
Teeter H M 87842, 95357
Teghem J 29515
Tegtmeier 93670, 93671
Tegtmeier A 19784
Tegtmeier R 6308, 93672
Tegucigalpa Escuela Agrícola Panamericana 19377
Tegze M 18794
L R 20054
ir J 27069
Teichmann 2837, 21824, 37240, 47450, 48246, 55489, 82907
Teichmann W 85215, 93215
Teige J 92825
Teik G L 3951
Teillon J 28463
Teipel R 66155, 25626, 44522, 44727, 54395
Teisse 39789
Teisseire 90571
Teitelbaum P H 8084
Teixeira C G 62643
Teixeira L P 48092, 55311, 66434, 81709, 82734
Teixeira M F M 4713, 15491
Tejero N 56929
Tekhver G T 23593
Tekumalla V 80443
Telada J de D 44523
Telander G 93673
Teleki A 30134, 35581, 35582, 54216, 82280
Telfer A W 67522
Telfer W H 34633
Telford C J 22531, 41377, 41378
Telford H S 16239, 33939, 47489, 77794
Telfük L N 90605
Tell Vilaplana H 1260
Tellado (Hijo) A 36959
Telles A de Q 22325
Telles M R 7833, 7834, 9767, 44788, 87291, 88915
Tellez Girón A 4006
Telliez J 92263, 2838, 21777, 48592, 73279, 86812, 86813
Tello E G 23468
Telukh G A 35583
Temesi Z 5588
Temnov V A 24654
Tempany Sir H 40898, 49995, 55312

Item

Tempany Sir H A 83123
Tempe J de 9640, 36893, 45961
Tempel M van den 9603, 18728, 71078
Tempere G 60880
Tempère G 68708
Temperli E R 80332
Temple F C 79426
Temple L G 21969, 83130
Temple V 43851
Templeman W G 13633, 30616, 30617, 49319
Templeton G S 5565, 9250, 44381, 53282, 68179, 68180, 68181, 68185, 76941, 85015, 85016, 85017
Templeton H L 87973
Templeton L 74802
Templin E 94141
Templin E H 13840
Ten Eyck P 68221
Ten Eyck W 8909
Tendl H 616
Tenembaum J L 27749
Tenent R 36135, 59824, 92727
Tengquist E 59084
Tenhaeff W H C 2989
Tenhet J N 6007, 68992
Tenkatesh C S 47806
Tennant J L Jr 41502, 67168
Tennås M 91577
Tennent J N 19666
Tennessee Dept of Agriculture 33024, 56040
Div of Insect and Plant Disease Control 29910, 49223
Tennessee State Horticultural Society 39696
Tennessee Valley Agricultural Correlating Committee 19301, 71783
Tenney R I 25874
Tentoni R 8145, 44933
Teodoro A L 78566
Teotia S S 29398

Item

Tepstad J 14625
Ter-Avanesian D V 20246
Ter-Danielian V M 32286, 57327
Ter Haar H G 29957
Terache P 67585, 67946, 70844, 76622, 84633
Teramachi Y 26728
Terasmae E 91213
Terasmäe J 19785
Terauchi H 87292
Terauds V 31963
Terauds V M 29795
Teravskii I K 43406
Terazaki Y 50281
Teregulov I 34803, 50074
Teregulov I Kh 40731, 83188
Terekhina A I 48541
Terekhov M G 29796
Terekhov P F 2299
Terementsev V A 32991
Terenozhkin I 1465, 1466
Terenozhkin I I 20720
Terent'ev A V 54971
Terent'ev F A 33603
Terent'ev S M 67242
Terent'eva M V 56825
Tereshchenko 75346
Tereshchenko F K 91085
Tereshchenko N A 83264
Tereshkin G 90299
Tereshkina A D 21558
Tergast G C W C 10556
Terman G L 40245, 58308, 66435, 89556
Termohlen W D 5527, 9572, 27040, 36830, 36831, 42825, 63027, 79873
Terner C 76696
Ternovskiĭ M F 12033, 47587
Terpstra 5967
Terpstra A 12833
Terpstra J 84384
Terpstra J I 4714
Terpstra L I 4414
Terpstra W 78828
Terpugov D I 9120, 9121
Terra G J A 12103, 20105
Terranova D de 91626
Terradez Rodriguez J 5197, 9234
Terradez Rodríguez J 15762

Item

Terrazas Montaño I 23165
Terrell B Z 75723
Terrell R T 75945, 75946, 76399
Terrell T T 53152
Terres D P 76623, 84634, 92826
Terres J K 40128
Terrien J 20410
Terrier C 28871, 28875, 56545, 72774
Terrill S W 5787, 5788, 16074, 16075, 51944, 68325, 85227, 87777, 93236
Terrizzano G 86372, 86373
Terroine 45061, 87016
Terroine E 8146
Terroine R 87017
Terroy J 29516
Terruzzi F 22780, 59161
Terry C T 41932
Terry C W 74441, 78527
Terry M E 15381, 18410, 78718, 78736, 78737, 78738, 78740
Terstage R J 54708
Tertychnaia L A 40732
Terusaki Y 80311
Terzian L A 24907, 52606
Terzić D 83646, 83647
Tesar M B 73623
Tesar Z 77795
Tescari F 66577, 70756, 87902, 90979
Tesch E 65908
Tesche 79424
Tesche W C 8744, 18270, 36136, 54297, 54329
Teschke A 60742
Teschner C A 65775
Tesi A F 18159
Teske A H 56447, 90656
Teskey B J E 73761, 82165
Tessi J L 507, 81319
Tessier H 87087
Tessmer O 62126
Test C E 4912
Testa J 2502, 10201, 13882, 21470, 30702, 38054

Item

Testa J 45815, 53683, 53684, 66082, 80312, 82643, 88978, 94687
Testard L 5198
Testi B 4682
Testi G D 48093
Teston A 4517
Tetefort J 94176
Teter N C 79828
Teterevnikova-Babaĭan D N 38627
Teterin V A 36960
Teternik D 23373
Tetervĭatnikov V G 90980
Tetley G 63176, 88979
Tetley J H 16027
Tetrault P A 58150, 81700
Têtry A 76817
Teuffenbach W 1678
Teunissen G H B 51418, 67844, 76569
Teuscher 84710
Teuscher H 13407, 40129
Teuscher R 23374, 50914, 92352
Teuton F L 17586, 35244
Teves D 50533
Tetzlaff F 85295, 87093
Tewari J D 71105, 71106
Tewari J N 18867
Tewes G 62265, 62266, 62267, 70025
Tewfik S 1069
Tewksbury A R 3090, 74894
Tewksbury R B 44458
Texas Agricultural Workers' Association 88428
Texas Board of Water Engineers 31108
Texas Citrus Commission 30007
Texas Engineering Experiment Station 18632, 36693, 45220
Texas Farm Electrification Committee 35163
Texas Flax Improvement Association 65062
Texas Hereford Association 51063
Texas Pecan Growers Association 48898
Texas Poultry Improvement Association 36832

Item

Texas University Bur of Business Research 53463, 55861
Cotton Merchandising Research 36055
Textile Foundation 18160
Textile Institute 8580, 62432, 87293, 95007
Textile Recorder 79316
Textile Research Institute 18160, 36056, 45241
Textile Technical Federation of Canada 70369
Textilradet Stockholm 18161, 79317
Teyssier J 19198
Thabit H 29664
Thacker D G 47948, 81294
Thaden J F 10814, 19279, 80535
Thailand Ministry of Agriculture 27571
Thaine R 29797
Thair P J 46141
Thakker N H 45816
Thakur B B 18162
Thakur C 90111
Thakurta A G 39019
Thal E 51948
Thalenhorst W 52036, 61140, 68466, 78048
Thaler H 45817, 86669
Thaler I 72976, 72978, 73024, 73025
Thalheim F 90657
Thambiaiyah V S 24311
Thames W H 68996
Thames W H Jr 56444, 68993
Thams J C 29065, 65280
Tharin W 54298
Tharp B C 57329
Tharp M 46385, 55372
Tharand T 73366
Thatcher F S 69715
Thatcher L E 38636, 57145
Thatcher M W 61833, 69673, 70757, 78808
Thatcher T O 52487
Thate R 11723, 25875, 89558
Thauvin P 21825, 58358, 74686
Thaxton E L Jr 29625

	Item
Thaxton J E	33393
	68032
	78386
Thaxton R M	40844
Thayer C L	21211
Thayer E N	8745
	26531
	36215
	45392
	55914
	87426
Thayer F D Jr.	26898
Thayer G	55184
Thayer P S	12555
	23820
	95859
Thayn Mrs J K	13408
Theakston F H	6945
	86118
Theau A	49095
	82348
Thebies R	25458
Theden G	92023
Theile H	25142
Theiler F	16616
Theiler G	85595
Theimer K	89559
Theimer O F	9122
	26742
	70758
Theis E R	18601
	18602
	36674
	62882
	95313
Theis-Nielsen V	46946
Theisen E J	88429
Theiss H	68163
	34792
	46707
	61547
Theiss L E	57891
Thelander B	76592
Thellman W	1853
Thellot B	13543
Themau R	31945
Themlitz R	31285
	91349
Thenard J	40312
	66022
	81295
Thénard J	52488
Theodor O	85780
Théodoridès J	43478
Theowald B	16749
Theret M	75972
Théret M	60331
	92179
Therman E	777
	29412
Theron C J	58389
	62482
	69862
Theron J H	36137
Theron J J	66247
Théroux M	8317
	18009
	26243
	45062
	53999
	70279
	87018

	Item
Therrell J S	83227
	83361
	83475
Thevenin L	12183
	12856
Thevenot	88430
Thewlis B H	90112
	90158
Thexton R H	40513
	91228
Thiagarajan V	9492
Thiaux B	92856
Thibau C E	83031
Thibodeau J	90802
Thiebault A	31848
Thiebaut H	57567
	70580
Thiede G	95253
Thiedig L	44478
Thiegs B J	39011
Thiel C C	8318
Thiel H	72521
	72775
	87753
Thiel J	503
	64512
Thiel O	1261
	45122
	45474
	55490
	69746
Thiel P H van	6008
Thiele	82281
Thiele H	82644
Thielebein	81891
Thielicke W	81267
Thielke C	64699
	73026
Thielmann K	3358
	3359
	50442
	58390
	60881
Thiem	36237
Thiem H	19952
	25408
	34383
	34544
	52323
	93489
Thieman H	42024
Thiemann W	85068
	85168
	85169
Thieme E	33067
Thieme G	36057
	95002
Thieme J G	26424
	36057
	36058
	36059
	36060
	36061
	54164
Thienel N	19250
Thienes C H	68518
Thienot J	80050
Thienpont D	54584
	95254
Thierbach H	55428
Thierer H	62265
Thiéry G	51390

	Item
Thiery J P	5090
	5594
	59385
	59973
	67697
	84365
	93272
Thiery P	31033
	66436
	91350
Thies H	7648
	78739
	81710
	88087
	88088
Thies S A	14041
Thiesen K S	22965
	41852
Thiesmeyer L R	41268
	41569
	41570
	50562
Thiessen E J	60264
	95136
Thieulin G	15859
	32797
	59736
	67770
Thieulloy E de	5528
	33244
	33548
	33872
Thije J H ten	67698
Thijn G A	21320
	24778
	64700
Thijn J W	67699
	84399
Thijn S A	81470
Thijsse J T	21904
Thill A	13833
Thimann K V	13634
	48094
	48095
Thiney L H	37890
Thiollet R	27070
Thiolliere J	20055
Thiollière J	56897
Thireau	48372
Thirion P	9614
	36857
Thirumalachar M J	279
	11927
	28705
	28718
	28719
	38550
	38744
	39193
	64306
	72528
	72523
	72776
	81297
Thistle M W	86670
Thistlethwaite E T	49042
	49096
Thizeau P	48333
	54536
Thoday D	56930
	81574

	Item
Thode E F	83602
Thode F W	12938
Thode H P Jr	80528
Thoele H W	76400
Thoenessen C	85467
Thoenig V	25543
Thogersen F	80228
Thole A	49837
Tholle J	2116
	13409
Thom C	38551
Thom E	8746
	35745
	44884
	94875
Thom H C S	12458
Thom J M S	2486
Thom M	4197
	4925
	67923
Thom W	43614
Thoma	69674
	87040
Thoma F	86629
	86630
Thomale H	30389
Thoman M E	8407
Thomann	40733
	40734
Thomann H	68994
Thomann W	26258
	87129
Thomas	63952
	68320
	75760
Thomas A K	75852
Thomas A M	14871
Thomas A S	2117
	20141
	49765
	65776
	82456
	95656
Thomas B	1467
	48187
	55947
	70759
Thomas Sir B	30370
Thomas B F	94816
Thomas B R	3755
Thomas C A	11928
	11929
	38758
	56564
Thomas C R	6731
Thomas C W	2990
Thomas D	92180
Thomas D H	88916
Thomas D L	78197
Thomas E	7018
Thomas E F	4198
	5392
	51660
Thomas E K	91086
Thomas E L	35852
	54000
	54001
	62058
	62268
	79100
Thomas F B	79521

	Item
Thomas F E	25599
	69539
Thomas F L	68529
	85472
Thomas G E	83032
Thomas G W	38623
	38624
	43233
Thomas H A	36062
Thomas H E	68821
Thomas H H	64053
Thomas H L	57329
Thomas H N	71728
Thomas H O	88653
Thomas H P	79713
Thomas H R	12034
	92494
Thomas H T	24870
Thomas I	73461
	73462
	77796
Thomas J	20721
Thomas J A	37891
Thomas J A Jr	78321
Thomas J B	56778
	73027
Thomas J F	40417
Thomas J F H	37546
	58207
Thomas J G	78237
Thomas J H	172
	7376
	38485
Thomas J L	67419
Thomas J R	40473
Thomas J W	4415
	4518
	92659
	92660
Thomas K	80433
Thomas K M	2490
	13232
Thomas L R	17689
Thomas M	16513
	20411
	32287
	89911
Thomas N A	88980
Thomas N F	6498
	57892
Thomas O	93165
Thomas O O	51141
	51349
	84225
Thomas P H	1872
	8770
	21212
	21321
	79425
Thomas P M	36063
Thomas R	32578
	84145
	92495
	92496
	92497
Thomas Sir R	27677
Thomas R A	32579
	51064
	51065
	59533
	92434
	92498
Thomas R B	38176
Thomas R J	5660
	60183

	Item
Thomas R M	18010
	32416
	42232
	42969
Thomas R O	12713
	73280
Thomas R P	30790
Thomas S B	7984
	8010
	25575
	25974
	86217
	94816
Thomas S L	43560
Thomas S O	63449
Thomas V E	43234
Thomas W C G	10602
Thomas W D	38827
Thomas W D Jr	12035
	20056
	38759
	47396
	47588
	47589
	47611
	47617
	56585
	81320
	31321
Thomas W I	8546
	29665
Thomas W L	2300
	21322
Thomas W O	73201
	74221
	90040
Thomas W P	46339
	46886
Thomasius H	91765
Thomasow J	44801
Thomasset L	71655
	82744
Thomasset L F	41672
	80680
	68282
Thomasson K	89436
Thomasson R R	48429
	50075
	93295
Thome I	36590
	55866
Thomé K E	8147
	35763
	35853
	59593
Thome-Patenotre J	76973
Thommessen T	85531
Thompson A	207
	28949
	33468
	48187
	61606
Thompson A E	50386
Thompson A H	29413
	48096
	48097
	64853
	65357
	66437
Thompson A M	72843
Thompson A R	12556
	48188
Thompson A T Jr	31318
Thompson A W	23166
	79714
Thompson B G	52773
Thompson C	32966
Thompson C C	42340
Thompson C G	6792
	15321
Thompson C H Jr	76828
	84915
Thompson C K	1468
	31034
Thompson C R	34942
	54061
	92936
Thompson D	46762
Thompson D F	42564
Thompson D J	20602
Thompson D S	25495
	26918
	51850
	77039
Thompson E	10815
Thompson E C	89877
Thompson E G	12890
	65035
Thompson E M	96132
Thompson F B	13883
	49546
Thompson F E	23784
Thompson G A	15692
Thompson G B	94207
Thompson G T	21970
Thompson H A	39636
Thompson H C	28810
	73196
	94338
Thompson H E	29373
	33120
	73553
	90433
Thompson H H	19432
Thompson H J	32798
	42233
	53283
	92499
Thompson H L	31246
Thompson H R	64945
Thompson H V	11212
	64392
Thompson I J	35116
Thompson J	26304
	29585
	39697
	46758
	46798
Thompson J A	52831
	78198
Thompson J E	62803
Thompson J F	73347
	81711
Thompson J I	77151
Thompson J J	15848
	23980
	60442
	76845
Thompson J O	83676
Thompson J R	79994
	88981
Thompson L	9258
	36438
Thompson L A	29984
Thompson L E	2118
Thompson L G	40540
Thompson L M	2839
	21778
	74655
Thompson L N	9573
	54808
	54809
	63028
Thompson L S	45495
	82082
Thompson M A	1262
Thompson M J	30756
	74683
Thompson M L	55898
Thompson M M	58359
	74320
Thompson M O	8581
	26425
Thompson N R	15381
Thompson P	32223
Thompson P B	16272
Thompson R A	32876
Thompson R B	53463
	95859
Thompson R C	21323
Thompson R H	4715
	19863
	72461
Thompson R L	39305
	60265
Thompson R P	6583
Thompson R R	28149
Thompson S H	36591
	62839
Thompson S Y	8017
	16056
	23187
Thompson T S	75014
Thompson U D	4519
Thompson W C	15931
	33469
Thompson W H	45583
Thompson W L	7187
	35014
	61092
	61509
	93490
Thompson W N	63535
Thompson W P	83999
Thompson W R	5901
	6009
	20722
	20723
	24353
	29798
	33823
	48542
	48543
	48544
	48545
	48546
	48547
	48548
	48549
	57330
	65217
Thompson W R	74321
	81892
	90434
	90435
Thomsen A	1716
	84400
Thomsen C	92381
Thomsen E	93904
Thomsen F L	25653
Thomsen H	8319
	8320
	18011
	18012
	26244
	35854
	45063
	45064
	54002
	62269
	62270
	69973
	70158
	70280
	79173
	87110
Thomsen L C	8321
Thomsen M	6573
Thomsen R N	43053
Thomsen W	62271
	70281
	87111
Thomson A F	71118
Thomson A G	4248
	6883
	7475
	8910
	11013
	20057
	24466
	26616
	36439
	38055
	43951
	44479
	45584
	53487
	66083
	72777
	86535
Thomson A P	75083
	83365
Thomson B F	12479
Thomson G	11362
Thomson G G	5696
	85128
Thomson G W	72944
Thomson H A	43952
Thomson J	43109
	51431
Thomson J G	96139
Thomson J R	1469
	48550
	82083
Thomson L B	51142
Thomson L C	15598
	15599
Thomson M	84146
Thomson P	80113
Thomson R	57400
	64854
	66023
Thomson R D	65777
Thomson R H K	54165
	62962
Thomson R J K	62433
Thomson W [illegible]	94732
Thomson Phosphate Co	21779
Thonet H M	31575
Thoonen J	4723
	16103
Thoorn J J E v d	49097
	90898
Thor A U	30791
	30792
	30793
	31282
	31286
Thoraval P	27207
	46046
Thorbek G	43043
	85214
Thorbjørnsen E	66777
Thorburn J A	60796
Thorburn J B	34739
Thordal Christensen A	76401
	92661
Thoreson N A	78302
	86117
Thoreson P A	63921
Thorfinnson M A	3091
Thorfinnson T S	63536
Thorn J A	20449
	56995
Thornber C	15932
	33470
	42826
	58164
	76921
	76922
Thornber W	32040
Thornberry H H	74
	48046
	72823
Thornburgh R G	65778
Thorndike G H	8582
	70472
Thorne A T	49098
Thorne D W	14128
	39210
Thorne G	602
	12043
	38834
	47672
	72909
Thorne G B	26807
	26821
	27611
	36540
	36541
	45640
	45641
	45707
	54585
Thorne J	94627
Thorne L B	80822
Thorne R F	56171
Thorne R S W	29187
Thornley H F	34677
	43899
Thornton B J	82591
Thornton D	79680
Thornton H	9315
Thornton H R	70006
	79009
Thornton J K	74589

	Item
Thornton M K	29799
	40735
	82580
	95793
Thornton S F	22011
	22032
Thorogood C E	71220
Thorold P W	67700
Thoroughbred Breeders' Association	33025
Thorp D	16311
Thorp E Jr	51982
Thorp F Jr	15998
	33587
	51973
	60419
	60428
	60429
	67716
	68263
	85207
	85243
	85274
Thorp J	2660
Thorp J K R	93674
	77552
	77553
	77554
Thorp W T S	59386
Thorpe A E	36138
Thorpe D M	37547
Thorpe H C	29626
Thorpe W H	16161
Thorsland M A	23485
Thorsrud A	2119
	30371
Thorsrud J	1784
	25409
	78530
	86324
Thorup S	2399
	49321
Thorvaldson T	49495
Threinen C W	30881
Threlfall C J	93545
Threlkeld W L	67701
Throckmorton R I	1263
	49548
Throneberry G O	39303
Throughton A	91351
Thuau U J	9369
	36675
	45726
	54679
	62883
	62884
	79762
	87809
Thuillier E	58941
Thülen W von	17944
Thullbery H A	38760
	47451
Thunell B	14769
	22532
	22753
	31616
	31929
	31930
	58942
	75406

	Item
Thung S B	8911
Thung T H	11993
	20106
	29029
	29030
Thurber F H	9389
	54046
	62926
	87844
Thuriaux L	31319
Thurlings T L M	10530
	19266
	27572
	63663
Thurm N	11507
Thurman D C Jr	6624
	16784
	34425
	34426
Thurman M H	28877
Thurmann-Moe P	31364
	91724
Thürmer	41355
Thurston H W Jr	504
	28950
Thurston J M	29414
Thurston S	44787
Thurstone L L	94528
Thury A	63068
Thwing W E	40130
	74118
	94461
Thye L S	7344
	94452
Thyer J E	69244
Thygesen A S	42405
Thyssen	96019
Tiagi B	29127
	38949
	38950
Tiagnienko E	81196
Tiana Ragasol F	70473
Tiazhel'nikov A D	20247
Tibbetts T	24998
	52373
Tiberio G	9840
	31165
Tiberio M	3912
	3913
	3914
Tibes G	38145
Tibitanzl J	23375
Ticheler J	68771
Tichenor P	12480
	31226
	39401
Tichio R J	79356
Ticho J	57514
Tichy C	81656
Tickner N S	86460
Ticknor B H Jr	43183
Ticknor R L	81721
Tico L	44228
	65358
	82102
Ticquet C	29415
Tideman P	86280
Tidman D A	66024
	73624
	91235
Tidmarsh C	3360
Tidmarsh C E	48551

	Item
Tidmarsh C E M	21484
Tidrick R E	47489
Tiedeman E W	44957
	62173
Tiedemann E W	70175
Tiedemann F	91855
Tiedjens V A	2301
	2340
	49766
	52149
Tiedke K E	10603
Tiedt J	18163
Tiedt L O	90276
Tiedtke K	91627
Tiegland J	38320
Tielecke H	16874
	43235
	68586
	93806
Tielmann E	14626
Tiemann	64946
	90436
Tiemann H D	3608
	14795
	14796
	22739
	31969
	41400
	41401
	41402
	50469
	58963
	58963
	67080
	75484
	83530
Tiemann O R	74114
Tiemeier O W	57787
Tienstra J T	40246
Tienstra T J	37425
Tiensuu L	24968
Tierese I	88917
Tierkel E S	4199
	83954
Tiews J	67315
	75746
	78719
	92229
Tiffany A	37892
Tiffany L H	11930
	12057
	64299
Tiflov V E	61302
	61319
Tigchelaar H L	36293
Tiglao J	40985
Tiitinen A O	47251
Tikhenko A V	39561
Tikhomirov A	36833
Tikhomirov B A	12481
	28464
	89368
Tikhomirov N P	60373
Tikhomirov V	46340
Tikhonin I IA	59974
Tikhonov M S	20637
	39441
Tikhonov N N	1785
	90658
Tikhonov V N	60479

	Item
Tikhov G A	12482
Tikhova E P	58092
Tikka J	61874
Tilden J W	6823
	17090
	25143
	43561
Tilemans E	19953
	64513
	68467
	77319
	80706
	93546
Tilemans E M	28811
	52196
	63999
Tileston F M	30846
	58450
Tilford P E	40131
Tilgner	76402
Tilgner K	4200
	67702
Tilkin	29517
Till A	2694
Tillander T	14569
	83216
Tillenius A	9123
Tiller W E	3647
Tillery J B Jr	59737
	75947
Tilley M	74322
Tillisch E	66884
Tillman A D	15382
	15383
	16076
Tillman E	9493
Tillmann E	17091
Tillmann F	7941
Tillmann H	23023
	75948
	80586
Tillotson H S	47722
Tillson A H	69570
Tilquin M	1507
Tilrem H	59418
Tilson H G	1601
Tiltscher J	77555
Timashova M	80313
Timber Development Association	50491
	50503
	66828
Timber Trades Journal	41298
Timberlake C F	18232
Timberlake P H	6741
	52734
	94039
Timberman	22626
Timell T E	3736
	41641
Times of India	35661
Timm E	18457
	26724
Timm T R	18855
	18980
	35352
	71221
Timm W	79174
Timmer W J	18856
Timmermann G	52904
	78293

	Item
Timmermann H R	26744
Timmermans A J	89369
Timmermans J	50788
	51143
	59247
	67420
Timmons D T	70581
Timmons F L	2400
	49322
	66025
Timmons F X	8747
Timmons J F	27862
	86694
Timnick M B	29416
	39194
Timofeev A T	18745
Timofeev G P	56931
Timofeev V P	91766
Timofeev V V	57147
Timofeeva I V	39133
Timofeeva L	79748
Timofeeva-Tfullina M T	39195
	90277
Timon-David J	24871
	60984
Timonin M A	70474
Timoshenko V P	18806
Tinbergen L	34634
Tinbergen N	5902
	6494
	17092
Tincker M A H	64855
	80536
	81712
Tind-Christensen C J	49767
Tindale G B	26617
	45456
Tindale M D	28629
Tindall C	5871
	9124
	17202
	18458
	20603
	22257
	28029
	31576
	34804
	37125
	40313
	40736
	43110
	46554
	57988
	58481
	62053
	67523
	73463
	73625
	74803
Tindemans L	63876
Tinelli R	2595
Ting S V	1731
Tingey D C	39402
	74397
Tingleff N	7019
Tingo María Peru Estacion Experimental Agricola	89174

	Item
Tinker E W	22669
	50563
Tinker J M	83477
Tinker M E	93999
Tinley H L	10531
	63281
	69417
	71272
Tinley J M	44480
	79974
	94876
Tinline R D	11610
Tinnefeld	50789
Tinney H R	79452
Tinoco Corona L	94000
Tinsley J	36470
	70774
	89097
Tinsley T W	545
Tiocornia J J	48662
Tippannavar M B	57174
Tippit O J	44109
Tippmann F F	43477
	52489
	60882
Tipton B	26426
	27678
	40845
	52832
	57515
Tipton V J	86096
Tiquet-Remont R	92230
Tirado M	82908
Tirado O	37681
Tirelli M	367
	52150
	52392
	52582
	52583
	52735
	52833
	60640
Tirranen J	95213
Tirrell S R	28030
Tischer A	56254
	72432
	82457
	89370
Tischer R G	54233
	54236
	62496
	79446
	95308
Tischler G	47801
Tischler N	21415
Tischler W	16240
	81392
Tisdale A M	21213
Tisdale H B	65045
Tisdale J W	76403
Tisdale S L	74656
Tisdale W B	11931
	64393
Tisdale W H	11932
	16241
Tisdale W H J	18523
Tisdall A L	2991
	13758
	13759
Tishchenko A N	57331
Tishchenko A V	1004
Tishchenko D	63345
Tishchenkov G S	31457
Tishenko A N	82084
Tishkina L	94871
Tissier M	17626
Tissières A	20472
Tissol C L	52852
Titchen D A	15150
Titchitch V	95570
Titov A	44971
Titov G	26010
Titov N L	75347
Titov T F	21572
Titova M I	34740
Titova-Molchanova Z [illegible]	29128
Titsworth B D	90113
Titus E	84711
Titus H	57332
	878C
	19623
Titus H W	15122
	23885
	33205
	33245
	59248
Titus J S	58360
Tĭugina E I	47866
Tĭukov S E	91725
Tĭulenev N A	30882
	83033
Tĭulin A F	91214
Tĭul'panov N B	32356
Tiunov A N	1005
Tiunova K P	1006
Tĭupenko [illegible]	48247
Tĭurin I V	74463
	74464
	74465
Tĭurin S T	78935
Tĭurnikov S	25961
	94877
Tĭuterev P F	58836
Tĭutĭunik A F	73895
Tĭutĭunnikov A I	29800
	81973
Tĭutĭunova A	1264
Tivoli	96220
Tivoli M	89127
Tiwwari	90148
Tixier P	11933
	64514
	64856
	90114
Tizio R	39196
	81713
Tjallema H T	88826
Tjallingii F	64394
	72885
Tjernberg E	50011
Tjia J E	56943
	56956
Tjio J H	900
	72970
Tkachenko A F	51851
Tkachenko M	34866
Tkachev P [illegible]	49768
Tkalik T	27679
Tkatchenko B	2661
	82710
Tkhagushev N A	73744
Tlach	62911
Toba M	41018
Tobacco Associates	63177
Tobach E	32918
Tobar R G	6395
Tobback L	4540
	26912
Toberman J P	49933
Tobey D M	58651
Tobey E R	18052
	22033
Tobi E J	18576
Tobias C	37697
Tobias J	35855
	54004
	54006
	79049
	79050
	94878
	94879
Tobias O G	23376
Tobisch W	7835
	35584
	53685
Tobler	76138
Tobler E	7942
	17859
	55313
	77649
Tobler F	8583
	36064
	79318
	95003
Tobler G P	79318
Tobler R	54003
Tobón Villegas A	3245
	26808
Tocaven S	60609
Tocchetto A	72610
Tochilov V I	40430
Tochinai Y	70760
Tocker H	55419
Toczydlowski A H	16720
	34635
Toda M	84877
Todd A C	5091
	5393
	5394
	15693
	23662
	23886
	23981
	33068
	42486
	42711
	42970
	59975
	60374
	67924
	76660
	84916
	93038
Todd A R	6658
Todd C T	55498
Todd C W	13538
Todd E H	72910
Todd F A	41895
	67421
	75949
Todd F E	6309
	16459
	52262
	93620
	93675
Todd H S	60547
Todd J	37040
Todd J M	29015
Todd K W	7518
Todd L P	27246
Todhunter E N	28199
	38108
Todnem O	69142
Todoroff A	69603
Todorov T	83955
Todorowitsch D	75229
Todorowitsch V	71351
Todt F	87461
Toelle J H	71714
Toenjes W	74657
Toepfer A	46947
Toepfer E W	53425
	79850
	80653
Toetzke-Tostedt	29801
Tofani	80333
Tofani M	27680
	52992
Toffano W B	19964
Tofino Orejuela T E	94001
Tofte M	95684
Tögel	90696
Tögel K	14781
	50606
	75474
	83521
	91989
Tögel V	6687
	6824
Togliani F	28812
	47506
	47590
	47802
	72778
	81298
Tognazzini R	27169
Togni A de	40846
	49934
Togo Sturdivant C	14129
Toi K	86631
	87294
Toibana Y	76
Tokarev P	23594
Tokida J	238
Tokin B P	38394
	64158
Tokmadzhĭan A	37241
Tokmakov P B	23599
Tokmanov P	61332
Tokuda Y	43306
	52324
Tokumasu S	89912
Tokunaga C	77909
Tokunaga M	85781
	85927
Tokunaga Y	28951
Tokushige Y	47658
	47659
Tokuyasu K	34688
Tokyo Food Research Institute Laboratory of Inspection	26745
Tokyo National Research Institute of Agriculture	96247
Tokyo University of Agricultural and Textile Industry	71912
Tol T van	37426
Tol Filho P L van	85532
	85533
Tolaas A G	57894
Tolbert B M	76327
Tolbert N E	20277
	64710
	64857
Tolbukhin V I	51159
Tolckmitt W	3952
Toledano Corrochano J	70900
	79763
Toledo A A de	6574
	93905
Toledo I D	56376
Toledo J de	83156
Toledo J Z de	44058
Toledo Area Sanitary District	68801
Toledo University College of Business Admin	94557
Tolhurst J	12263
Tolkovskiĭ V	64947
Tolksdorf H	42234
Toll Vilaplana H	63593
Tolla J D	46456
Tollenaar F D	17558
	62936
	72108
Tolles F B	28322
Tollet R	44607
Tolley C H	4416
Tolley H R	71495
Tolley W P	50138
Tollochko IA M	36065
Tolmachev A I	38395
Tolmachev G	94738
Tolman B	64948
Tolner J	1007
	2841
	12483
	14321
	29417
	30810
	39197
	40986
	58090
	66696
	66697
	66698
	73281
Tolonen K	32877
	42311
	42312
Tolster C	67803
Tolstoy N	19508
	72071
Tolvi E K	14938
	32107
	75633
Tomabechi K	19547
Tomanek G W	12834
Tomaselli R	801
	11627
	47728
	49323
	81393
Tomasello R	68468
Tomasi K	57333
Tómasson O	63450
Tomaszewski W	68705
Tombesi L	20412
	20413
	48098
	56932
	56933
	56934

	Item
Tombesi L	73282
	73283
	73284
	73285
	73286
	73287
	74466
	81714
	81715
	81778
	81779
	90115
	90180
	91236
Tomeo D M	18164
Tomeski K	83717
Tometorp G	2364
	49224
	90949
Tomey A	15933
	15934
Tomforde H	6310
Tomhave A E	25278
	42827
	76923
Tomigashi T	49215
Tomimatsu Y	36153
	87369
Tominić A	16875
	17183
Tomita K	68587
Tomiuk IU	24655
Tomkins J	21005
	57611
Tomkins R G	8912
	94576
Tomkinson J	8655
Tomlinson A R	11213
Tomlinson B R	74804
Tomlinson E M	44354
Tomlinson F R	46437
Tomlinson G H II	50564
Tomlinson J A	72779
Tomlinson J C	80229
Tomlinson J R	52183
Tomlinson W E Jr	30063
Tommé L	24278
	59808
Tommé L G	33698
Tomme M F	41933
Tomono T	28227
Tompkin J R	46123
Tompkins G	2842
	14234
	21905
Tompkins G P	1470
Tompkins I	51512
Tompkins J	14782
Tomppert H	67695
	92655
Tomson C	32580
Tomson C K	23167
	32581
	67524
	67771
Tondeur G	21971
	55314
Tondo C V	15214
	41896
	75844
	76846
Tonelli M	94230
Tonfan TS R	670
Tonini G	29418
	67525
Tonkes J H	71656
Tonkin J	19378
Tonkus V T	75348
Tonn-Wolf R	40909
Tonneau J	6311
	18483
Tønsager E	32956
Tontz C	6312
	34141
	40372
	43363
	60743
Tontz F G	24656
Tonzig S	20414
	48099
	48189
	81716
	81717
Toole E H	29419
	45962
	48100
Toole E R	89931
	20003
	38684
	89453
	89674
Toole J	80324
Toole V K	45962
	48100
	89931
Toombs A	85170
Toop C R	5697
	5847
	77002
Toor E W	63069
Toosey M B	32940
Tootell R B	10816
	36592
Topchiev A	31227
Topchiev A V	47130
Topfer A C	62324
Topi M	26471
	52681
Topinka F	14939
Topler K V	80230
Topolnik E	60375
	76847
	84850
	84917
Torazzi F	69366
Torbeev Z	34867
Torbeev Z S	61487
Torelli A	66578
Torén C A	11431
	11508
	89371
Torgeson D C	505
	38761
	64515
Torgeson O W	31970
	58964
	58965
	67081
	67082
	83531
Torgrimsby J	53284
Torgushnikov M H	18746
Tørhaug K	53285
Torii K	173
Torii M	80414
Torizuka T	42916
Torka M	778
Torkhov A	44934
Torman D H van D	67173
Tormey J L	92500
Tornau O	56041
	82909
Torner Ochoa A	54098
Tornielli A	33174
Tornow E	9125
	36440
Toro E del	3933
Toropogrifskiĭ D P	91628
Toropovoi M K	45065
	45066
Torp A	17471
	25496
	35139
	61607
Torpe N V	29627
	89570
Torpen E	27707
	95846
Torraca G	18785
	27140
Torras F	26920
Torras Casals C	20058
	38951
Torras Huguet F	54068
Torre A de la	19667
Torre E J	42692
Torre G de la	6825
Torre J C de la	19519
Torre J R de la	82592
Torre L R de la	83131
Torre Q L de la	9574
Torre R G de la	16242
Torre y Callejas S L de la	25077
	78199
Torrecabrera J	31166
Torregiani I	41070
	7445
	18524
	27247
Torreiro R	18546
	27573
	28323
	47063
	74115
	80537
Torrence M F	79892
Torrend C	20604
Torrens Pastor A	15322
	42096
	67772
	76495
Torrent Mollevi M	4717
	23377
	91135
Torres A P	5149
	5150
Torres C M	33109
Torres J di P	47618
	58052
	72072
	91352
	95060
Torres M J de M	80364
	88613
Torres de Haro O	68165
Torres de Mello A	1509
Torres de la Puerta C	24075
	42712
	51661
	68166
	93103
Torres Elorduy S	49099
Torres Filho A	3197
	10203
	10204
	18857
Torres Filho A	18886
	19291
	19379
	22401
	35353
	37991
	39307
	55039
	55315
	66662
	82660
	82661
	86236
	86814
	87346
	88432
Torres Garcia V	82645
Torres Herrera J M	74658
	82166
	87347
Torres Parapar P	79975
Torres Ronceros J	76404
	84401
Torrey J G	12184
	73288
Torrey J P	93271
Torricelli D E	91856
Torrico Arias R A	54219
Torrie J H	56448
Torrijo J M	55316
Torrione A	74805
Torrisi M	20237
	90116
Torssell R	63451
Torstensson G	74950
	83182
Torti M	65909
Tortorelli L A	50378
	66992
Tortorelli N	23785
	24129
	32582
	85069
Torvend P S	9977
Tosatti R M	71657
Toscani C	9873
	37146
	37242
Toschi U	80231
Tosco U	47591
	81394
Tosello A	2503
	30703
	53686
	61992
	62644
Toshioka S	33906
Tošić P	93676
Tostlebe A S	27253
Toth A	72322
Toth L	93347
Toth S J	20415
	29379
	30751
	30788
Totmakov G V	2302
Totman J E	22048
	74944
Tott I	53719
Tottoli M	17561
Totty H M	49100
Touchberry R W	59199
	74495
	76405
Touche C	35662
Touche M	10205
Touillier J	62070
Toulgoet H de	86010
	86011
Toulou J	94911
Touloukian Y S	66156
Toumanoff C	4718
	25116
	61286
Toumeyrages J	5092
Tourje E C	2120
	49101
Tourlière S	17803
Tournery	35663
Tournier J L	8656
	27528
	27529
	37372
	46302
Tournut J	51474
	76570
	76634
Tourte R	13901
	65244
	65245
Tousley R D	53464
Toussaint	56187
Toussaint A	55317
Toussaint E	2121
Toussaint L	122
Toussaint P	2617
	30802
Touton J B	47867
	89417
Touton L L	62963
Touvenot H	94810
Touvin H	65081
Tovborg-Jensen S	31035
	49769
	74659
Tovcar A	90278
Toverud G	19556
Toverud K U	11088
Towell W E	58867
	91879
	91880
Towers J	75953
	88303
	94912
	96020
Towers M	7567
Towey J M	70667
Towle M A	47198
Townend P P	18165
	36066
	70475
	70476
Towner E B	6313
Townes H	25021
	68710
Townes H K	52519
Townes M	25021
Townsend B	51144
Townsend C T	44608
	44609
	53569
	61875
	69716
Townsend D	46887
Townsend F L	78612
Townsend F M	84498
Townsend G F	52314
	77556
Townsend G R	56565
Townsend J C Jr	62658
Townsend J F	68412
	68904

	Item
Townsend R O	38122
	38123
	38133
Townsley P M	70668
	87348
Toxopeus H J	81470
	82532
	82910
	66084
Toxopeus L J	52834
	52835
	52836
Toy F C	12714
Toyama Y	9167
Toyoda H	36676
Toyoda K	80909
Toyokuni H	28613
	81395
Tozuka H	81718
Traaen A E	28952
Traaen H N	41154
Traas C Jr	1680
Trabalzini N	57612
	73896
Trabauer F	20724
Traber H	34678
Tracey A B K	67316
Tracy P H	8002
	26064
	35777
	35855
	44800
	53747
	53897
	54004
	54005
	54006
	62071
	79049
	79050
	79175
	86893
	87112
	87113
	94878
	94879
Trager W	33350
Traill D	8584
	70477
Trainer L	28203
Trainer L R	96137
Trakhtomirova K A	90437
Trallero M	93677
Trambovetskiĭ I	95638
Tramel T E	7587
	17655
	27740
	71545
	71546
	80355
Tramer J	35698
Tramonte R	49935
Tramonte S	87903
Trampler T	83335
Trana G D	2304
Transtrom H L	91739
Trant M	79596
Trantanella S	57487
Trapeznikov A I	33549
	33641
	33642
Trapeznikov S	37427
Trapido H	6621
	24908
Trapp H	76234
Trapp L	12557
Trappmann	32583
Trappmann W	27574
	52151
	56449
	56450
	72611
	72612
	75370
	81197
	85468
	89560
	89561
Trask E E	91272
Trask H W	73464
Trask O S	21324
	49102
	49225
	56066
Traub D	88527
Traub E	5026
Traub H P	75
	64230
	64231
	64232
	64233
	65779
Traub R	6924
	43933
	43934
	43935
	78294
Trauer W E	24130
	85070
Trautman J C	26015
Trautmann A	4170
	85224
	85225
Trautwein	41897
Trautwein K	67703
	67704
	84402
	92662
Travagli G	95546
Travancore-Cochin Agriculture Dept	96188
Travancore Forest Dept	83265
Travassos L	25078
	52837
	78200
Travassos Filho L	25079
Traversay de	35585
Traversi B A	20059
	38762
	38828
Traviesas L P de las	54752
Travina O K	1717
Travis B V	6622
	16750
	85719
Travis H F	45727
Travis J	13410
Trawick J L	52090
Trawińska J	32417
Trawinski A	25683
Trawinski F	71501
Trayer G W	3246
Treadaway J P	63178
	88982
Treadway R H	45425
	62504
	87499
Treadwell W F	61993
Treber S	55318
Trebuchet G	74222
	90981
Treccani V	35694
	53798
	79110
Trees for Tomorrow	14362
	83266
Treesweet Products Co	36294
Trefethen I	8913
Treftc C F	5010
Trefz R W	37126
Tregubov G A	50282
Trehan K N	24657
	72613
Trehane R	4417
Treiber E	18101
Treiber H	8322
Trejos N A	3816
Trelfa R T	3684
Trelles A	15548
Trelles R A	2597
Trelles Duelo E E	79976
Treloar H M	11311
	72232
Treloar L R G	79893
Trelogan H C	35275
	35276
Tremblay F T	2706
	40737
	49770
	74660
Tremblay J H	12676
	84480
Tremblay R H	71658
	95767
Tremblay T	57936
Tremblay T E	22472
Trembley H L	6623
Tremearne T H	91529
Treml' A G	24969
Treml H	55727
Trémolieres J	8034
	11090
	38104
	38121
	55906
	55912
	55913
	63922
	89067
	95267
Trenary O J	78372
Trenchi H	33351
	68091
	84918
	92976
Trendtel	38146
	62153
	89035
Trendtel F	8018
	8033
	8085
	8148
Trenk F B	3247
	22272
	31365
Trense I	33471
Trentin A	9126
	20416
	20605
	28815
	31036
Trentin A	57148
	65036
	73379
Trentin J J	84552
Trentini R	56546
Trepp W	89800
Treppens	9968
	9969
	9970
Tresckow R von	75090
Tressens F	43137
	93807
Tressler D K	7549
	17562
	69717
Tret'iak V P	75205
Tret'iakov N A	58837
Tret'iakov N P	24076
	24077
Tret'iakov S	26113
Tret'iakova A A	84690
Tretsven J O	51350
Trevaskis S	51556
Trevett M F	49324
	74323
Trew E M	41761
Trew T M	20725
Trewartha G T	10557
Trewhella F W	59534
Treyve F	57788
Trezinskiĭ I S	33577
Trezzi F	48189
Tri-State Packers' Association	87514
Triana J V	21471
Triantis S G	55867
Triantopoulos E	92860
Trifasko V V	52325
	77557
Tribbett V A	31791
Tribe D E	60340
Tribulkin P T	84090
Tribunskaia A IA	31743
Tricaud P	41128
Trice C	82458
Trichter J	25684
	86607
Tridente N	55040
Triest F J	27208
	63179
Trieste British-United States Zone Allied Military Government Directorate of Finance and Economics Statistics and Reports Sect	61891
Trifone R	55555
	91629
Trifonov S	85256
Trifunovski J	83718
Trigg R S	17254
	36756
	53748
Trigona G	46516
	61621
Trikojus V M	85842
Trilenko P A	32799
Trim A R	29487
Trim L G	39790
	48763
Trimberger G W	15323
	32584
	42152
Trimberger G W	51066
	75808
Trimble G R Jr	67000
Trimble J P	64838
Trinchieri G	6826
	26746
	52584
Trinidad L A	86417
Trinidad and Tobago Dept of Agriculture	28282
	86815
	89098
Trinidad and Tobago Forest Dept	31457
Trinidad Dept of Agriculture Sugar Agronomy Div	39637
Trindade A F da	87904
Trinkler IU G	48101
Trinquier E	85818
Trintignac	27575
Trintignac R	19063
	19064
Trione S	2709
Trip J	61631
	70598
Tripathi I L	94950
Tripathy M	87295
Tripe W J	74324
Triplett J F	18459
	45585
Tripp T A	10817
	28031
	63760
Tripp V W	26427
	35978
Trippe Mrs J	2122
Tripplaar J P	71260
Trippodo G	92155
Trist A R	3248
Trist C J M	41019
Tritenbach P	74116
Tritscher S	53013
	53286
Tritton S M	57613
	86816
Triulzi G A	24131
Trivedi B S	64648
Trivedi R K	71001
Trivelin A P	5274
	5314
Trivelli G	524
	28871
	28953
Triviz A E	47100
Trobeck K G	3737
	32108
	41571
	75634
Troch P	96234
Trochain J	38486
Trocmé S	48102
Troeger L E	92501
Troelston E S	63257
Trofimov A	54007
Trofimov M M	21446
Trofimov V	7258
Trofimova A I	64858
Troifskiĭ A I	20369
Troifskiĭ A S	90982
Troifskiĭ B V	92827
Troifskii I A	24187
Troifskii V M	73289

	Item
Troje E	63109
	63135
	63136
	88089
Troke C	51596
Troll W	38952
Tromba F G	5308
Tromellini P	44788
Tromp P H M	3198
	31366
	50107
	58631
	66778
	66779
	83218
	91948
Trompeter I F	26428
Tronchet A	12185
Tronchet J	12185
Trøndelag Myrselskap	19624
Troni A	36067
	63224
Tronslien K	4970
	15632
	67855
Troop C R	4719
Troost G	7836
	25876
Tropashko P	91353
Troquereau P	76379
Trorey L G	75230
Troschel E	3627
Troshanin P G	64054
Troshin I P	32675
	51145
Troshina N	2305
Tros'ko I K	66968
Trost K	65780
Trostfanskii M	2306
Troth E	55796
Trotha T von	75150
Trotter A	75157
Trotter V Y	17480
Trotter W K	88137
Trottier P	13411
	40987
Trouchaud E	21780
	39638
Troughton A	56935
Trouillon L L	69016
Troup R D R	34293
Troupin G	122
Trousdell K B	14627
Trouse A C Jr	49547
Trout G M	8323
	17897
	26245
	35695
	44839
	53799
	54008
	54009
	62272
	62273
	62274
	78996
	78997
	79051
	94803
Trout P E	22670
	41620
Trout S	30135
Trout S A	79522
Troutman E C	84115
Troutman J L	11980
Trouvelot B	43138
	93849
Trovillion H	12939
Trow L A	60496
Trow-Smith R	6946
	9127
	11278
	40944
	43994
	46438
	63761
Trowell G F	797
	90127
Trower J	46429
	95414
Troxell A J	3092
Troy V S	54220
	70540
	79373
Troyahn W J	26932
Troyan W R	65781
Trsinski M	76275
Trub I A	35586
Trudolfubov B	60443
Trudolfubov	24279
Trudova R G	12484
	90117
	90118
True F	17636
True L G	59809
True R P	14989
	28954
	32193
	41610
	64410
Trueba Aguirre J	48103
Truffaut G	12940
Truffaut M	39639
Truhitte G E	46124
Truitt P T	3135
	14296
	22049
	83167
Trujillo M S	10206
	19065
	27289
	71715
Trullinger J D	53570
Trulsson G	16051
	16052
	33664
	36542
	38241
	45642
Trum B F	67925
Truman R	31665
Trumble H C	48104
Trumble H P C	38829
Trumbull H A	69863
Trump F	8748
	10345
	15384
	23024
	26809
	32288
	40899
Trumper K H	40738
	58361
Truog E	12485
	40476
	40679
	58362
	63258
	74661
	91036
Trusakov V	65213
Trusevich G V	1786
	57482
Trushchelev I	25459
Trushechkin V G	90119
Trushin V F	48105
	49771
Trushkovskii A A	91251
Trusov N V	77095
Truss P S	58483
Truszkowska W	81396
Truter E V	18163
	45243
Truxal F S	52682
Trykov P P	35944
Tryon C A Jr	89801
Tryon E H	14989
	17093
	32193
	41610
	73290
Trzheßeßskaßa T A	25389
TSabolov R G	90659
Tsai C M	81036
Tsai K H	90056
TSakhaev G A	51159
TSals I I	32418
Tsao D P N	29488
	81719
TSaprun A A	59344
TSafßenkin I A	59249
	75990
	89252
Tschapek M	49479
Tschebotarioff G P	30746
Tschentscher G A	60444
Tschermak L	41110
	66943
	66944
	74895
Tschermak-Seysenegg E	11214
Tschermak-Woess E	47350
	48106
Tschernjakow K	91992
Tschiffely A F	5117
Tschirhart W E	82141
Tschirschky O von	25460
	63346
Tschorsch P H	9128
Tschudin F	67174
Tschumak A W	25363
Tschwrmak L	3199
TSedik-Tomashevich Z	3466
TSedik-Tomashevich Z F	1265
TSeitlin M G	57614
	65478
TSekhanovskiĭ A I	58912
TSekhmistrenko P	82147
TSekhmistrenko P E	1854
TSekulinßa A	35159
TSelishchev S P	29293
TSel'niker ÍÚ L	3397
	89993
TSemnalonskiĭ K	50790
TSemnolonskiĭ K K	21781
Tseng P M	39617
	65259
	90478
Tseng T	24909
TSfasman ÍA	63347
Tsiang C T	72699
TSibizov N Í	53797
TSikoto I A	2186
Tsikov D	19137
	81720
	85661
Tsilenis E	53571
TSimborovich A F	33699
TSitovich I K	20417
	29429
	40314
	49325
TSitovich N G	35527
TSitovskaia I L	41191
TSifßin N V	85427
TSfůksha L V	60332
TSfůrupa I G	2539
TSivindo A Z	49772
Tsonov K	88299
Tsou T M	780
Tsuboi Y	64395
	89562
Tsuchiya H M	64859
Tsuchiya K	56936
Tsuchiya S	12397
Tsuihiji H	28227
Tsujita M	78239
	78248
	85927
	86061
	86062
	93906
Tsukamura M	76
	64907
Tsukiji B	28955
	29628
Tsukino S	42914
Tsuruta S	39562
Tsushima S	10207
TSushko V K	33752
Tsutsumi C	25613
	26697
Tsutsumi T	70478
Tsuyama H	91237
TSvetkov I P	24658
	77558
TSvetkov S S	51800
TSvetkova K P	24659
Tsvetoukhine V	73666
	90279
TSvetov ÍA	63537
TSvetov V	42505
TSygankov S K	52326
	77559
TSyganov A ÍA	69854
TSyganov M S	91176
TSygulev V N	26350
TSymek A A	47729
	50653
TSynkov M	27576
	55319
TSynkov M ÍU	67773
	75809
TSypanov D M	32460
Tsyrkina E B	91215
TSyss E	32355
TSyfßenko V	53222
Tu C C	87682
Tubb I L	87842
Tubbs C R	67705
	76848
Tubbs F R	29911
Tucci M	9894
	10532
	71716
Tuchiya T	82507
Tuchtfeldt E	72073
Tuck D H	4852
Tucker A M	80115
Tucker B D A	47660
Tucker C	11043
	63906
Tucker D	76496
	76497
Tucker D L	60470
Tucker E A	65217
Tucker E W	42235
	84403
	92616
Tucker H A	23378
Tucker H B	88563
Tucker J M	56255
	73084
Tucker L B	44834
Tucker L N	26824
Tucker R	82963
	88991
	92753
Tucker R E	38117
	55905
	88998
Tucker R H	65214
Tucker S J	50915
Tucker W E	94142
Tuckett A J	74325
Tuckett P C	75820
Tucumán Estación Experimental Agrícola	36933
Tucumán Universidad Facultad de Agronomía	65910
Tuda T	67708
Tuenter J P A	26246
Tuff P	4418
	84404
Tuffery L	2123
Tufford H H	67861
Tuft T O	77329
Tufts M	40132
Tufts W P	28983
Tufvesson G	76661
	92861
Tufvesson S	17369
Tugushev A	35143
Tugwell R L	84913
Tuinman A S	53523
	79627
Tuinova K P	1005
Tuker G	39761
	46948
Tuji T	50202
Tukey H B	1616
	1681
	8657
	12941
	45370
	57483
	57568
	81721
Tukey L D	47976
	48818
Tukey R B	72614
Tukker J G	5199
	5529
	9575
	27041
	84795
	87974

	Item
Tul'chinskaîa V P	51851
	85129
Tul'chinskii P	46506
Tulescu V N	71717
Tulga T	75822
Tulfâkova G M	54238
Tulin A S	58363
Tull	2259
	17255
	25248
Tullgren A	72211
Tullin V	38953
Tullis E C	12486
	13635
	29047
Tullis J L	16104
Tulloch G S	61093
Tully J	19380
Tulou J	50791
	53122
Tulsa Okla Radio Station KVOO Farm Serv Dept	63762
Tulstrup N P	14005
Tulzer G	51067
	76139
Tul'zhenkova F F	13515
Tumaikin N S	73498
Tumakov N	24660
Tumanîan A G	34490
	43236
Tumanîan M G	29629
Tumanîan S	22754
Tuman'îanîs L I	78936
Tumanov I I	29421
Tumlin J T	93016
Tunblad B	368
	11617
	24422
	34294
	43272
	43273
	52152
	60610
	77650
	94143
Tunçdilek N	63374
Tuneu R	82167
Tunis Off d'Oleiculture	87905
Tunisia Comité Tunisien d'Études et de Recherches sur l'Alimentation	96120
Tunisia Serv Botanique et Agronomique	28465
Tunisia Serv Tunisien des Statistics	7678
Tunks F	17617
	42097
Tunkunas P	33069
Tunnicliff E A	75950
	83956
Tuomanen L	24661
Tuompo V V	75461
Tuovinen A	3583
	31910
	67037
Tupikova N A	4912
Tuplin I L	91087
Tupolev M	25364
Turančić V	59923
Turban E	22177
Turbet C R	84481
Turbin B I	25338
Turbin N V	81514
Turc L	2547
Turček F J	24354
Turchak M	53221
	80317
Turchanovich L F	14348
Turchi A	57893
Turchin E	44110
Turchini J	20187
Turchino R	86817
Türcke	75370
Turcot C	9715
	66085
Turcotte L D	94767
Turcotte L P	75635
Turek F	67586
	84226
	92231
	92569
Turian G	68711
	68856
	90120
Turica A	12051
	34636
Turin University Centro Studi Amino-	72148
	87019
	89068
Turina B	83803
Turk F A	68624
	85597
	93696
Turk K L	3953
	3954
	10208
	10346
	10347
	15324
	18053
	26305
	32878
	35664
	42098
	42099
	50792
	51146
	51147
	51272
	59250
	67706
	68782
	76498
	78501
	86894
Turk L M	2527
	14251
	49599
	64839
Turk R D	4201
	24467
	41898
	68345
	84872
Turk S M	68624
Turkey General Directory of Statistics	61892
Turkey Industry Forum	9576
Turkey Off Central de Statistique	7679
	11014
	28150
	72074
Turkina M V	90013
	90014
Turkina Z G	67890
Turkman I B	15905
Turkova N S	90121
Turković Z	21006
	89878
Turl L H	36068
Turlapova A	21325
Turley H G	95265
Turliun I A	49449
Turmel J M	64606
	81722
Turn J	76784
Turnas P A	48552
	74687
Turnbull D	37622
Turnbull D M	95879
Turnbull G	16460
Turnbull J	47592
Turnbull J S	17860
	35746
Turnbull R F	3574
	3575
	3629
	22596
	59004
	83563
Turnbull S	45903
Turnbull W A	49103
Turnbull W H	16409
	32469
	77560
Turner A	33472
Turner A Jr	9146
Turner A B	65782
Turner A H	25705
	34637
	35250
	35275
Turner A W	17203
	34750
	61383
	69143
	86188
Turner B L	174
Turner C H	75636
Turner C N	17513
	44275
Turner C W	4042
	32879
	33234
	75962
	77128
	77129
Turner D F	19521
Turner D M	19849
	64234
Turner E	58163
	82792
	93114
Turner E C	48569
Turner E E	13412
Turner F C	91354
Turner F N	2695
Turner G	75196
Turner G T	20726
	29802
Turner Sir H	9235
Turner H A	70479
Turner H E	49104
	49105
Turner H F	52197
Turner I G	64607
Turner J	32585
	44276
	53749
	73253
Turner Sir J	27577
	55320
Turner J C	86316
Turner J F	793
Turner J H	5698
	24168
	85107
	85130
Turner J N	18594
Turner J P	17618
Turner J S	29422
	56837
Turner M G	83393
Turner N	6010
	91991
Turner O C	86671
Turner P E	12891
	12892
Turner R	49226
	61731
Turner R A	10928
	28103
Turner R C	82711
Turner R H	88300
Turner R M	27068
	46888
Turner S W	13636
	16243
	30618
Turner V	75905
Turner W F	60611
Turner W L	46164
	55073
	88254
Turney F V	44610
	87810
	61876
Turney T H	42828
Turnipseed C L	26810
Turnipseed G F	52153
	77988
Turnquist O C	49227
	57894
	65911
	90983
Turpin H W	80314
Turpin P	50348
Turquois J	73177
	81595
Turrado Moreno A	27578
Turrell F M	73291
Turrentine J W	22861
Turrill W B	38982
	47292
	47330
	47730
	56256
	56257
	56258
	56259
	56260
	56261
	56262
	56263
	56264
	56265
	56266
	56267
	56268
	56269
	56270
	56271
	56272
	56273
	56274
	56275
	64235
	81037
	81038
	81039
	81040
	81041
	81042
	81043
Tursunkulov Kh	48373
Turton G	10533
Turtseva V	90438
Turtseva V V	39563
Turver J T	67845
Turzan C L	52771
Tuschhoff G	85534
Tuschoff H	60745
	77564
Tuschhoff O	6314
	6315
	6316
	24662
	34142
	34143
	34144
	60744
	77561
	77562
	77563
	93678
	93679
	93680
	93681
	93682
	93683
Tuskeggee Institute	27637
Tustin A E	72524
Tuten W A	61781
Tutenkov N N	22165
Tuthill L D	61094
Tutin T G	28466
	64236
	72337
Tutsumoto T	50634
Tutt J F D	23624
Tutt R Jr	32054
	50520
Tuttle D M	77797
Tuttle S M	18345
Tuttle W W	38109
Tutton M J	79200
Tuxbury G P	94529
Tuxen S L	6396
Tuyama T	175
	28614
	47293
	47294
	72433
Tuynman D S	80634
	90439
Tuzet O	25144
	34208
	43478
	77651
	85598
	85599
Tuzhikhin G A	35915
	54062
Tveitnes A	49838
Tverdokhleb G	62217
Tveritinov A	53190
Tverskoĭ D L	19954
Tverskoi G B	51159
Twedt P L	9256
Tweedale H	38110
Tweedie A D	80415
Tweedie G	21326
Tweten N E	57388
Twiehaus M J	4720
	51273
	77125
Twigg M C	1008
	65783
Twight E H	35587
	44729
	52683

	Item
Twinch J F	49996
Twining P F	33191
	84808
Twinn C R	34384
Twisk D	65784
Twiss P T G	61386
Twist F V	54972
Twombly A R	91088
Twomey T P J	26247
	35856
	53802
	79176
Tworoger G	94817
Twyman E S	1009
Tyarks F E	37548
	80538
Tychsen F	631
Tydeman H M	90127
	90660
	90661
Tyden H	75637
Tyers D J	38111
Tyers K G	94408
Tykač J	43852
Tylden E	68588
Tylec F W	15063
Tyler A	15738
Tyler C	64000
Tyler G J	47899
Tyler L J	56519
Tymko M M	82293
	82294
Tymniak M	23025
Tynan J A	74287
Tyner E H	12597
	31037
Tyner L E	64516
Tyrell	25877
Tyrell W	6688
Tyrer T G	3955
	13884
	25962
Tyroler F R	82459
Tyroler W	25339
	61666
	78567
Tyrrell D	46990
Tyrrell D A J	37893
Tyrrell D P	38147
Tyrrell T M	50163
Tyrrell W P	42236
Tyson J	74688
Tysser H F	19509
	38056
	72075
Tyssul Jones T W	50387
Tywang C B	24219
Tzivanopoulos C G	25997
Ubach M	73028
Ubaldi L	2401
	4520
	15325
	42829
	74223
	75810
	83804
	84022
	90214
	92502
Übbels P	5530
Ubertalle A	32586
Uberti P	59432
	79681
Ubertini B	32419
	41899
	41900
	42237
	59387
Ubilla H	7519
Ubisch J von	14478
Ubrizsy G	21416
Uchida H	36069
Uchida I	30008
Uchida S	77263
Uchida T	16926
	92615
Uchida Y	90139
Uchimoto D	53624
	94688
Udachin S	63347
	63650
Udachin S A	37720
Udagawa T	52867
Udale T H	67774
Udall D H	67707
Udall R H	51274
	75811
Udalova L A	47882
Uddu J S	45857
Udobkin A P	34145
Ueda A	32941
Ueda K	49773
Ueda M	50362
Ueda S	67926
	83957
Uehara K	47295
Uehara M	19703
	95822
Uemura S	12487
	72817
Ueno J	28615
	89879
Uesaka S	6011
	8324
	9254
	9255
Uetz F E	87114
	94880
Ufer M	81198
Uffer A	54973
Uganda Dept of Agriculture	1541
	11215
Uganda Forest Dept	41071
Uganda Governor	10209
Uganda Survey Land and Mines Dept	46439
Uganda Veterinary Dept	41901
Ugarov A A	23663
Ugarte Laiseca J	49450
Uggen O	18963
Uggla A H	72293
Uggla W R	19857
Ugrenovic	75036
Uhden O	31167
Uhl A	7940
Uhl C H	47803
Uhland R E	63538
Uhlen G	49774
Uhlen R	37428
	55321
	86818
Uhlenhaut W	8658
Uhlig	30747
Uhlig S	13760
Uhlíř P	14674
Uhlirs J	37243
	46202
Uhlitz K H	41472
Uhlmann R F	62750
Uhmann E	34295
	85699
Uichanco L B	64001
	82460
Uilenburg N G	49228
	65874
	82533
Uitewaal A J A	176
	30372
	64237
	72323
	72434
	74117
	81044
	81045
	83461
	89372
Uitterlinden L	48885
Ukers W H	7837
Ulaski M J	13413
Ulberg L C	4280
	4281
Ulbrich F	75951
Ulbrich M	17804
	86819
Ulfheden T	36961
Ul'fankin I	61680
Ul'fanov A F	9645
Ul'fanov N A	35944
Ul'fanov V	46457
Ulich W L	6947
Ulisse	6318
	34146
Ulitchev I S	48553
Ullman H	2307
	57895
	65912
	82534
Ullmann G	3956
Ullrey D E	68325
Ullrich K	23516
Ullstrup A J	56566
	72780
Ul'man I E	53223
Ulmann M	30704
Ulmer E	3249
Ulonska E	20606
	26747
	36441
	48334
Uloth K	33175
Ulrich A	14648
	39198
	73692
Ulrich H	9129
	15441
	24872
	54537
	70761
	85428
Ulrich H M	36070
	45244
	54166
Ulrich K	46028
	71155
	71156
	88090
	92767
	95547
Ulrich M	88918
Ulrich R	26618
	56937
	87370
Ulrich W	77473
	86895
Ulrik	10421
Ulsen F W van	76406
Ulster Agricultural Organisation Society	10929
Ultée A J	21472
Ultée A J Jr	45229
Ulvesli O	32289
	33031
	93149
Ulvin O A	30619
Umanets P F	85235
Umbarje S R	75091
Umeda R	83575
Umetani H	66157
Umeya Y	78248
Umezaki I	239
	38511
	81123
Umezawa H	80883
Umezu M	67708
Umlauff G M	76584
Umpfenbach	10210
Undeland L	13516
	13517
	40247
	40248
	57615
Underhill E R	95823
Underhill G W	68857
Underkofler L A	85192
Underwood D	9130
Underwood E J	848
	24150
	50793
	50812
	85131
	89175
	90440
Underwood G E	26248
Underwood J K	91315
Underwood N C	14884
Underwood R E	18013
	25365
Unel S	51820
Unfer L	36677
Ungelenk	23260
	32587
Unger H	71002
Unger H F	83132
Unger J W	64649
Ungerer S	38542
Union Catholique des Cultivateurs	55797
Union Corporative des Resineux	32128
Union Internationale des Societes de Chimistes des Industries du Cuir	18525
Union Nacional de Cooperativas del Campo	19449
Union Nacional de Productores de Azucar	39692
Union Nationale des Coopératives Agricoles de Céréales	70762
	90280
Union Nationale des Industries Agricoles	44389
Union of South Africa	19066
Union of South Africa Botanical Survey	12082
	19789
	20131
Union of South Africa Bur of Standards	52158
Union of South Africa Chicory Control Board	45371
	62550
	87349
Union of South Africa Citrus Board	79357
Union of South Africa Controller and Auditor-General	9289
	18218
	45245
	45371
	62550
	62551
	62751
	62752
	63180
	70763
	79357
	87349
Union of South Africa Dairy Industry Control Board	53843
Union of South Africa Deciduous Fruit Board	18218
Union of South Africa Dept of Agriculture	9312
	6902
	16301
	18560
	20022
	26591
	29569
	33941
	36278
	46437
	55322
	65311
	65311
	77632
	79369
Div of Animal Husbandry and Pastures	57334
Div of Economics and Markets	80315
	88433
Div of Veterinary Serv	77003
Union of South Africa Dept of Customs and Excise	28151
Union of South Africa Dept of Forestry	22117
	50139
Union of South Africa Dried Fruit Board	62551
Union of South Africa Livestock and Meat Industries Control Board	9289
Union of South Africa Mealie Industry Control Board	62751
	70763
Union of South Africa National Marketing Council	53465
Union of South Africa Off of Census and Statistics	78374
	78373
	78375
	78568
	80399
	88708
Union of South Africa Potato Board	8749

	Item
Union of South Africa Soil Conservation Board	49997
	91497
Union of South Africa Tobacco Industry Control Board	63180
Union of South Africa Wheat Industry Control Board	54538 62752 79628
Union of South Africa Wool Disposals Organization	45245
U S S R Glavnoe Upravlenie Lesotekhnicheskikh i Lesokhozfaistvennykh Vuzov	31654
U S S R Ministerstvo Sel'skokhoziaistvennogo Mashinostroeniia	7021
U S S R Sovet Ministrov TSentral'noe Statisticheskoe Upravlenie	2696 61893
U S S R Verkhovnyi Sovet Prezidium	80114
Union Pacific Railroad Co Dept of Traffic Agricultural Development	4249
Union Stock Yards Co of Omaha	45681
Union Suisse du Commerce et de l'Industrie	53403
Unione Italiana delle Camere di Commercio Industria e Agricoltura	27579
United Farmers of New England	62127
United Fresh Fruit & Vegetable Association	45372
United Fruit Co Tropical Research Dept	11934
United Kennel Club	42341 76515
United Kingdom Dominion Wool Disposals	26399 88962
United Nations Delegation from Gt Brit	71718
United Nations Economic and Social Council	71502
Economic Commission for Latin America	55005 75092 75093
Secretariat	71503
United Nations Educational Scientific and Cultural Organization	10211 28056 44411 63411 63763
United Nations Interim Coordinating Committee for International Commodity Arrangements	44408
United Nations Mission of Technical Assistance to Bolivia	71504
United Nations Scientific Conference on the Conservation and Utilization of Resources	74806 83293 88434
United Nations Secretariat	
Dept of Economic Affairs	9768 35430 63641 71503 80020 80635
Dept of Social Affairs	63470
United Nations Statistical Off	55868
United Planters Association of Southern India Scientific Dept Tea Sect	82646
U S Army	33906
406th Medical General Laboratory Tokyo	
U S Atomic Energy Commission	29423
U S Bur of Employees' Compensation Statistical Br	78322
U S Bur of Foreign and Domestic Commerce	7680
U S Bur of Labor Statistics	18964 32109 35354 35355 55771 78802 80115 88301 88302
U S Bur of Land Management	20727 27771 37549 37550 37638 37640 71603
U S Bur of Reclamation	7681 31168 31169 37554 49889 49937 49938 74807
U S Bur of the Census	25764 28011 69748 69749 70480 71353 72076 87297
U S Children's Bur	19292
U S Comptroller General	71253
U S Congress House	63742
Committee on Agriculture	10534 31228 54168 62436 63764 80740
Committee on Appropriations	9769 56002 74808 74809
Committee on Banking and Currency	78810
Committee on Education and Labor	63765 78811
Committee on Foreign Affairs	63225
Committee on Interior and Insular Affairs	2992 80400
Committee on Public Works	74810
Committee on Ways and Means	88267
Select Committee to Investigate the Use of Chemicals in Foods and Cosmetics	61808 78783 78784 94577
U S Congress Senate	
Committee on Agriculture and Forestry	78812
Committee on Appropriations	9770 72177
Committee on Armed Services	8585 9615 79894
Committee on Banking and Currency	78582
Committee on Finance	80636
Committee on Foreign Relations	80021
Committee on Interior and Insular Affairs	74811
Committee on Interstate and Foreign Commerce	78765
Committee on Labor and Public Welfare	80116
Select Committee on Small Business	63070
U S Dept of Commerce	27071 59015
U S Dept of Labor	46203
U S Dept of State	9771 37430 37431 37698 37894 88304
Central Off of Translation	66663 69911
Div of International Conferences	28346
U S Dept of State	
Div of Library and Reference Serv	46555
U S Dept of the Interior	64081 74946
U S Displaced Persons Commission	18965
U S Economic Cooperation Admin	18858 27246 69750
Div of Statistics and Reports	80022
Mission to China	37433
Off of Information	10214
Technical Assistance	10447
Commission on the Integration of the Refugees in the German Republic	
U S Farm Credit Admin Cooperative Research and Serv Div	37995
U S Federal Civil Defense Administration	78716
U S Federal Security Agency	28036
U S Food and Drug Admin	7550
U S Forest Genetics Steering Committee	91767
U S Geological Survey	2993 2994 2995 14130 14131 14132 14133 14134 21837 21906 21907 21908 31170 40847 40848 40849 49940 58484 58485 58486 66579 66580 66581 66582 91445 91446 91447 91448 91449 91450 91451 91452 91453 91454 91455 91456 91457 91458 91459 91460
U S Housing and Home Finance Agency Div of Housing Research	35106
U S Industrial Chemicals	24423
U S Inter-Departmental Committee on Utilization of Weather Bureau Services by Agriculture	81926
U S Interdepartmental Committee on Pest Control	68519
U S Interdepartmental Weed Control Committee	13637
U S International Development Advisory Board	10215
U S Library of Congress Reference Dept	10216 37434 37435 71506 72179
U S Livestock Sanitary Association	83958
Advisory Committee on Anaplasmosis	84405
Committee on Biologics and Pharmaceuticals	83959
Committee on Brucellosis	83960
Committee on Foot and Mouth Disease	83961
Committee on Infectious Diseases of Cattle	84406
Committee on Laws and Regulations	83962
Committee on Legislation	83963
Committee on Meat and Milk Hygiene	87784
Committee on Morbidity and Mortality	83964
Committee on Parasitic Diseases	85279
Committee on Public Relations	83965
Committee on Rabies	83966
Committee on Resolutions	83967
Committee on Transmissible Diseases of Poultry	84920
Committee on Transmissible Diseases of Swine	85280
Committee on Tuberculosis	84407
National Committee on Eradication of Hog Cholera	85281

	Item
U S Livestock Sanitary Association	
Special Committee on Revision of Constitution and By-laws	83968
U S Mutual Security Agency	55007 63452 71507
U S National Archives	55283
U S National Bur of Standards	35303
U S National Historical Publications Commission	37436
U S National Forest Reservation Commission	41073
U S National Museum	77622 77669 78053 78098 78265 85866
U S National Production Authority	25249 50565 75638
U S National Soil and Fertilizer Research Committee	30794
Soil Test Work Group	
U S New England-New York Inter-Agency Committee	19625
U S Off of Business Economics	27582
U S Off of Education	37795 37881 37887 88750 96023
U S Off of Industry and Commerce	83559
U S Off of International Trade American Republic Div	35432
U S Off of Naval Operations	46347
U S Off of Price Stabilization	35357 35358
U S Off of Territories	37432
U S Off of the Chief of Engineers	69604
U S Patent Off	13068 13414 20957 21015 30050 48764 49106 57569 57789 73844 74118 82232
U S President (H S Truman)	63218
U S President's Materials Policy Commission	80233
U S Public Health Serv Communicable Disease Center	37900 85431 93495
U S Pulp Producers Association	50566
U S QM Research & Development Laboratories Technical Library	43190
United States Sugar Corporation	9688
U S Tariff Commission	72077
U S Tennessee Valley Authority	17527 34742 74946
Div of Forestry Relations	22166 75124 75127 75125 75126 75292 75232
Library	27919
United States Trotting Association	5011
U S Treasury Dept Savings Bonds Div	34805
Universities Federation for Animal Welfare	50962
University College of Wales	19187
Dept of Agricultural Economics	63586 88596
Economic Studies in Welsh Dairy Farming	10391 10413
Dept of Forestry	75198
University of Glasgow Animal Welfare Society	9290
Veterinary School Sect	
Uniyal M L	5722
Unrau J	39564 48108 81494
Unsworth K	76407 77126 85030
Unterberger W	22504 31911
Unterstenhöfer G	24970 68858 68859 93548
Unti O	68860
Untracht S	51647
Unwin C H	15
Unwin C W J	74119
Unwin P T	31618
Unzu Legaz J M	17805
Uota M	47883
Uotila P J	17370 34800 34807 69367 94363
Upchurch M L	73627
Upchurch R P	724 11414
Upchurch T B Jr	8588
Updegraff Mrs P	82462
Uphof J C T	64238 65785 72212
Uphoff D	85778
Upp C W	60012 76860
Uppenborn	92828
Uppenborn W	52987
Uppsala Läns Hushållningssallskap	46891
Uppsala Lantbrukshogskola Bibliotek	10217
Upshall W H	1682
Upshaw W E	27045 55800 79455
Upson K	40517
Upton J D	62128
Upton T E	58053
Uralova E F	60314
Ural'skiĭ A	10348 71804
Uranga Galdiano F	20515
Uranga L A	14670
Urb	29518
Urbach A A	34147
Urbahn E	17094 78202 86012
Urbain W M	9236
Urban H	10820 17256 25304 25305 32290 33908 34962 35029 67317 69279 74963 78473 88305
Urbányi L	84228 85018
Ure D A	54587
Uren A W	42713
Urfer J P	4202 15215
Urian G C	54010
Uribe Henao A	2504
Uricchio W A	3117
Urieta A	24873
Urinova S	3443
Urinson R M	4926
Url W	56938 73292
Urlings J	78203 83664
Urner F E	9578 18717
Urner G	7944 62275
Urner S K	87976
Urquhart A R	79322
Urquhart B	50230 50349
Urquhart D H	40373 44730 49377
Urquhart F A	61249
Urquhart M C	37069
Urquia D A	15401
Urquijo Landaluze P	11935
Urquijo Landecho A	48595
Urries J de	77
Urries M J de	506
Urries Azara M J de	64517
Urrutia G V de	55918
Urrutia O E de	13733 34808 46441 63540
Urrutia Nicolini E	40249
Urschel J	45459 70670 95138
Urschitz A E	14720 14990
Urschler I	73293 73294
Ursenbach C	25657
Urso M C d'	32588
Urtaev G T	41339
Uruguay Dirección Ganadería	75954
Uruguay Instituto Nacional de Colonización	14201
Uruguay Ministerio de Ganadería y Agricultura	80235
Urumbaev U	31368
Urvachev P	35169
Usacheva N I	57570
Usami M	73295
Uschakow A F	7140
Uschdraweit H A	593 12036
Usdin M	60480
Usenko G	90441
Usenko V A	79323
Usenko V V	57339
Usepjanov A	96024
Usera V Jr	70807 87740 95255
Ushakov V A	84482
Ushakova E	57896
Ushatinskaîa R S	43690 52037
Usîan M N	21007
Usik G E	90985
Usikov P	63653
Usinger R L	5881 6644 6689 52685 61095 68861
Usmani I H	28153
Usov B	45038
Uspenskaîa V D	1010
Uspenskaîa Zh V	56977
Uspenskiĭ G A	50963
Uspenskiĭ V A	41379
Ustimenko E S	883
Ustinov N S	23701
Ustinov V G	77096 85297
Ustinova E I	20188 23129 38954 39199
Ustinovskaîa L T	66860
Usuelli F	4721 29737 59739 80702 84408 89069 92232
Utah Academy of Sciences Arts and Letters	19626
Utida S	93413
Utkin M S	32291
Utkin V P	32606
Utterback T W	45460
Utz E J	83039
Utzig J	23519
Utzinger G E	6077
Uvarov B P	6884 34679 52863 52864 69017 94177
Uvarov F Z	57571
Uvarov N V	22473
Uvarova A P	36904
Uverud H	48555
Uxem A van	19293
Uyemura T	92165
Uylenburg N G	74224
Uyttenhove C	54170
Uzac S	85804
Uziel M	20907
Uzielli A	65218
Uzina R	88012
Uzlov A A	33634
Vaarama A	21008
Vaart F M van der	38998 65914
Vaart M F van der	51557 92937
Vaartaja O	1011 14570
Vaccarino C	26968
Vaccheri G	29805 61994
Vacherot G	9132
Vachhani M V	13987 66439
Vachon M	6398 6496 43407 52393 68625 85600 93727
Vacin E F	81723 82463
Vacirca M	12677
Vaclav V	85953
Vadé S	2124 30375 48682 48727 53041 53224 57790 58054 58217 86237 88436 91461
Vaeenra S L	14691

	Item
Vaeren J van der	80401
Vaga A [illegible]	12104
	28469
Vaganov V V	77565
Vageler P	47731
	66244
	82956
Vagelpohl H	26066
Vaget H	41387
	58966
	67070
	92055
Vagliasindi G	82464
Vagliasindi P A	6319
	16461
	34148
Vagnsson G	51852
Vago C	6899
	17139
	17140
	25116
	25117
	29424
	43868
	52868
	52869
	69018
	72525
	77181
Vago M C	25118
Vagt W	6320
Váhala J	50586
Vaheeduddin S	38763
Vahey L	62754
Vahid S A	58633
Vahl E von	65445
	90662
	95139
	96108
Vahlbruch	4250
	35858
Vahlteich H W	54736
	54737
	87866
Vaidya M J	70413
Vaidyanathan S N	84409
	84410
Vail G E	7447
	11100
	45729
	55948
Vail J	48556
Vail J S	23470
	23471
Vaile J E	57616
Vaillant A	48337
Vaillant C E	8149
	8325
	62129
Vaillant F	60986
	77911
	85315
	85782
Vainberg B G	32420
Vainikainen V	59536
Vainshtein B A	25080
Vaintzettel H	86896
Vaisman A	93011
Vaisman M L	27170
	88094
Vaissiere J de	91633
Vaissiere R	85906
Vaitsman J	5093
	15210
	15606
	15694
Vaitsman J	32421
	32422
	32800
	41904
	42831
	45069
	51994
	59390
	60497
	67709
	84411
	92663
	92664
	92862
	95419
Vaivads A	91190
Vakgroep Detailhandel in Melk Boter Kaas en Eieren	26125
Vakhrameev K A	59887
Vakin A T	47064
	41428
	67225
Vakulfük G	58839
Val V P C	4927
	5399
	5849
Valadão F G	4203
	23027
	59391
	75991
	83969
Valadares-da-Costa M	43562
	52585
Valaize H	78938
Valanko O	94346
Valatin G	66440
Valay G	46348
	61783
Valcarce A C	61269
Valdés Barry E	43422
Valdes Barry F	34491
	74326
Valdeyron C	82793
Valdeyron G	29630
Valdez Z V	37440
	61644
Valdinoci M	3957
	22852
	95256
Valdivia G de	10439
Valdivieso N N	19068
	46737
Val'dman A R	23028
Valdmanis A	32423
	32424
	96160
Vale A L do	23517
Vale G	92468
Vale J M do	11279
	33070
Vale P	95685
Valeix F	13126
Valen A L	44874
Valen N	55813
Valencia J I	24844
	24874
Valencia L C	12595
Valencia R	12133
Valencia Spain (City) Instituto Valenciano de Economía	36141
Valencia M M	86820
Valencia P H	64860
	90123
Valenciano J	24663
	43364
Valenstein E S	33095
Valent-Falandry A	34492
Valenta V	20061
Valentien O	65786
Valentin J	15326
Valentine B	18171
Valentine C I	25514
Valentine D H	38487
Valentine K A	29806
Valentine W N	4928
Valentini M	10821
Valentini S	78049
Valenzuela V M	49515
	50052
Valenzuela O M	57617
Valenzuela R H	91793
	91857
	91883
Valeri H	13734
	84713
Valerianov M	44935
Vales E	13735
	35588
	44731
Valeton H C	72435
Valette	50171
	75069
Valeur C	3738
Valguarnera G	16291
Valik D	86897
Valin R	76078
Valko L	10931
	46760
	55801
	80587
	88919
Valla A	46556
Vallaeys G	82647
Vallance D	65787
Vallance K B	12488
	81724
Vallance L G	13638
	74662
	91178
Valldejuli L F	61376
Valle K J	25146
	25147
Valle O	1509
Valle R G del	6497
	24875
Valle T	8660
Valle Arribas J	84444
Valleau W D	11936
	11980
	23031
	56453
	56514
	56567
	64518
	72782
Vallée	23503
Vallée A	24100
Vallee B L	55901
Vallée J	8589
Vallega J	507
	28957
Valleggi M	71003
Vallejo L C	51275
Vallejos L C	67710
Valles Nadal L	17257
	57618
	82282
	86821
Valles Rafecas L	10822
Valletta A	17095
	43936
Vallette W	11415
Valley Counties of Kentucky Cooperative	10349
Valliant J R	84555
Vallin H	56357
Vallmitjana L	73029
Valois H	3931
Valsecchi O	8812
	35439
	70618
	73693
	94629
	95101
Valsechi O	35237
	86696
	90489
Valset K	44059
Valset T	1617
Valstar W	79523
Valtasaari L	59127
	59128
Valtasaari M	22437
	31369
	58891
Valtier E	79895
Valverde R	80674
Van W R	10218
	80637
Van Akkeren L A	95323
Van Allsburg E J	35918
	45124
	61732
	79225
	79226
Van Arsdall R N	61608
Van Arsdel W B	25367
VanArsdell W A	76335
Van Arsdell W C III	15708
Vanasse N A	20487
	36161
	79374
Van Bavel C H M	40431
	66158
	74814
	74815
Van Biema G	18236
	18237
	54396
Van Blaricom L O	79524
	79525
Van Bruggen J T	51517
Vanbreuse-ghem R	80786
Van Brunt E R	66086
	74398
Van Burg P F J	9646
Van Buskirk M G	79177
	95360
Van Camp B	22676
Van Camp J L	14535
	31805
Vance B F	83134
Vance C R	2126
	30377
Vance M	2843
Vance R B	27920
Vance T H	17271
Vanchikov A N	79324
Vancleave A	20728
Van Cleave O E	23170
Van Cleef E	63599
Van Cleve R	5789
	9133
	79876
	81199
Van Clute J	22002
	40919
	57897
	58218
	65915
	73906
	82794
Vandecaveye S C	21652
Vandel A	52394
	68610
Vandemark J S	36297
	45422
VanDemark N L	15297
	51068
	51069
	67516
	67526
	76050
	84032
	84148
	92482
Van den Berg C	13786
Vandenberg H	95548
Vandenberghe J	84412
Van den Berghe L	43616
Vanden Bosch J W	63226
	63769
Van den Bosch R	16751
	60945
	93907
Vandenheuvel F A	18669
Van den Hever G P	71305
Vandenhove L	70482
Vandenplas A	29865
Vandenput R	2412
	3572
Vandeplassche M	4722
	4723
	15492
	22779
	84147
	84412
Vander Boom M M	1718
Vanderford H B	46572
	74507
	74663
Vanderford H T	68891
Van der Horst E J J	1510
Van der Kloot W	34639
Van der Kroef J M	10578
Van der Linde W J	72911
Van Derlinden L	14269
Van der Meer A	7022
Van Der Merwe C R	58188
	58489
Van der Merwe D P P	78766
Van der Merwe G	11717
Van der Merwe J P	39308
Van der Merwe N J	32471
Van der Merwe P J	35194
	95574
Van der Merwe P K	42966
Van Der Merwe W H	63348
	63454

	Item
Van der Meulen A	82168
Vanderplank F L	43854
Van der Plank J E	39200 64579
Vanderput A A	2505
Van der Reyden D	72257
Vanderschueren J	87299
Vandersmissen J H	69419
Van der Spuy U	40133
Vanderstappen R	2548
Vander Veer H J	10350
Vandervelpen T	22863
Vandervoort P	41762
Vandervort J	33246
Van der Vyver B J	68322
Vanderwaeren R	18277 18278 35280 48819 57572 72078 88983
Vander Wal R J	95323
Vanderwalle R	508 47452 47593 56568 64519 81301
Van der Walt C F J	40739
Van der Walt G P	18577 45643
Van der Walt S J	46349 47065 84740
Van Derwerker R J	85828
Vanderwyk R W	23099
Van der Zant W C	94881
Vandevelde A	84412
Van Devender V C Jr	53800
Vande Water W L	79083
Van Dillewijn C	90490
Vandiver H	8590
Vandoni O	74913
Van Doren A	70522
Van Doren C A	40432
Van Dresser C	31768 41260
Van Drimmelen G C	5200 23379 42134 76408 92665
Van Duuren B L	2404
Van Duyn J	82465
Van Duyne F O	72128 95067
Van Dyke A W	36217 54300
Van Dyke E C	5881 52490
Van Dyne G W	88127
Vane W M F	88675
Van Emden F I	77798
Vaner K S	10047
Vanetti F	6017
Van Fleet D S	64650
Van Garderen J	14007 40739
Van Gelder H W	87443
VanGeluwe J	21412 21413 21417
Van Gilder J S	90899
Van Haltern F	11937
Van Hell J C	43617
Van Hook A	36963
Van Hoosen N	33071 67608
Van Horn A G	76235 91462
Van Horn C W	65848
Van Horn D L	17231 48596 65241 65242
Van Horn G	78676
Van Horn J J	93147
Van Horn J L	5651 5652 15985 24137 24142 42988 42998 51815 51816 51817 68229 68247
Van Horn W M	6018 33909
Van Horne R	52144
Vanicek K H	65436 90663
Vanicek V	20418
Vanin S I	22573 41429 89675
Van Itallie T B	46975
Van Kleeck L W	66750
Van Landingham A H	23816 51572 76727
Van Lanen J M	72818 72819
Van Liere E J	15607 24186
Vanloon E J	5124
Van Loon N R	74120
Van Melle P J	2125 13415 21215 47296 74121
Van Meter L	42423
Vann A	46507
Van Ness G	84921
Van Niekerk A C de V	17472
Van Niel C B	29425
Van Norman R W	47898
Vannote R L	43613 43618 85829
Vanoni	37176
Van Overbeek J	12489 12490 48109 73296
Vanoye F	86822
Van Planck W E	3139
Van Reenen C F	78939
Van Rensburg P J J	42966
Van Rensburg S W J	23029
Van Rensselaer M	21093 30376 40134
Van Riper W	16514
Van Roekel H	15849 42714 51662 60184 84920
Van Rooy P J	15686
Van Rooyen C F	12896 39650
Van Rooyen D H	57340
Van Rooyen J	81819
Van Rooyen J H	22864 67318
Van Royen P	38488
Van Royen W	7418
Van Runyon C	79006
Van Sant W R	4826 5532 60267 67776
Vanschuytbroeck P	43563 52586
Vansell G H	860 77566 93684
Vanselow A P	14270 20473 29193 39260
Vanselow K	50260 58784 66929
Vanskike D	10219
Van Soest P J	76409
Van Someren E C C	6590
Van Someren V D	4204
Van Staden J F	5635
Vansteenberghe M	19559
Van Steenis C G G J	38488
Van Syckle C	9791
Vanterpool T C	47515 48110 48111 89676
Van Thiel P H	43619
Van Tiel N	60987 85469
Vantienhoven A	84148
Van Tol Filho P L	24664 52328 72147
Vantress C	76925 92912
Van Valen E H	84565
Van Valen J	15958
Vanvig A	48213
Van Vlack C H	17473 44277 78644 78645 86418 92233 95205
Van Vleet R L	177
Van Vuren J P J	26552 63770 66751 92234
Van Waes D A	17623
Van Wagenen A	79877 87977
Van Wagenen J Jr	89128
Van Winkle H	24290
Van Winkle M S	25388
Van Winkle Q	77851
Van Wyk H P D	59537 85226
Van Wyk S P	55134 69245
Van Wyk W C E	21216 58725
Vanzetti C	74816
Van Zijl J P	67297
Van Zinderen Bakker E M	89193
Van Zwaluwenburg R H	60885 93496
Van Zyl D	19385
Van Zyl de W	82466
Van Zyl P	94689
Vappula N A	24355 24356 28324
Váquez E A	79977
Varadarajan S	77315
Varadin M	77060
Vardaman T H	15397 41774 84242
Varde V P	46128
Vardiman P H	75955
Varela A	85783
Varela G	4929 61026
Varela A J D	71004
Varela Martinez R	25878 26620 26900 31038 55328 71157 79629
Varentsov I I	90664
Vareschi V	66806 72945 81397
Varga A	36074
Varga I	28537
Vargas G	18892 88437 88438 88676
Vargas J	66830
Vargas L	34722 43564 68862 77912 78295
Vargas R A	71659
Vargas B S	21782
Vargas Bernal S	40374
Vargas Méndez J	77320
Vargdal B	6948
Varhaug O O	4419
Varicak T	3754
Varier N S	87873
Varin G	86013
Väringer E	33788 67459
Varini F	53225
Variot R P	77656
Varis T	14940
Varlamov A A	39565
Varley G C	24910 43900
Varma B S	86014 2506 10333 41585 45808
Varma M G R	43495 60794
Varma S R	13518
Varner D B	37133 55061
Varner J E	29426 29452 40487
Varney H R	71509
Varon P	88984
Varona J	31171 66665 91500
Varona Torres J C	10823
Varossieau W W	22438 82648 83552
Varsovia T A	18014
Vartan'ian M D	35589
Vartanian T T	81752
Varty I W	83219
Varuntsian E S	20516
Vary K A	10422 19188 90442
Vasavada J A	56697
Vasconcelos D de M	29835 58365
Vasel C de	24424 26751 40740
Vashkevich F V	24229
Vashkulat P N	1012
Vasić K	17096
Vasil'chenko F A	75351
Vasil'chenko I T	19787
Vasil'chikov S V	52329
Vasilenko T S	1774
Vasil'ev A V	24132 28470 30136 33550 33551 91969
Vasil'ev B	52995
Vasil'ev D N	45644
Vasil'ev G A	59989
Vasil'ev G N	50794
Vasil'ev I M	369
Vasil'ev I P	88095
Vasil'ev I S	37551
Vasil'ev I V	43479
Vasil'ev L A	44309
Vasil'ev M N	32589
Vasil'ev N	5723 10220
Vasil'ev N V	57484
Vasil'ev P V	58879
Vasil'ev V	47297
Vasil'ev V N	38878 89253
Vasil'eva E M	62321
Vasil'eva I A	86120
Vasil'eva S G	21487
Vasil'evskii N I	11611
Vasil'tsova T M	23130
Vasin A V	42238 59392

	Item
Vasîûtin S	24336
Vasko J R	41905
Vas'ko N D	82117
Vas'kov I G	22513
Vassalo e Silva B E	32146
Vassikhin I G	48820
Vassilev I	84783
Vassiliades C H	40375
Vassogne G	7651
	75992
Vastagh E	93549
Vastagh G	93549
Vastey J de	83310
Västmanlands Läns Hushåll-ningsällskap	96073
Vasudeva R S	11939
	38819
	47594
	47661
	72783
	72820
	81322
Vatteroni F	16040
Vaugh M	58532
	86189
Vaughan A W	84553
Vaughan B	3636
	19146
Vaughan C L	14731
Vaughan E K	20053
	56569
Vaughan G E	88165
Vaughan J A	67114
Vaughan J G	47804
Vaughan L	4537
Vaughan L C	23380
Vaughan L M	19069
	37244
	80236
Vaughan M C	96139
Vaughan T W	32046
Vaughn J R	64396
	702
Vaughn M	80675
Vaughn R H	8678
	70642
Vaughn W T	91038
Vaught K	34680
Vaugien P	23518
Vaulin I G	71505
Vaultier R	23702
Vaurie P	34296
	43480
	60886
	77182
	77799
Vautier S	89182
Vauvel J	8086
Vaux C H	83366
Vavra H G	34983
Vavra J P	66188
Vavruch I	63137
Vaysse	84838
Vayssé J	5275
	5395
	5533
Vayssière	24425
	24971
Vayssière P	16246
Vaz A	54812
Vaz J G	59393
Vaz Z	15470
Vazart B	23131
	81456
Vazart J	47805
	56720
	81455
	89880
Vázquez E A	18054
	36964
	88096
	92235
	95549
Vázquez R	87829
Vazquez Calcerrada P B	17806
Vázquez G L	25081
	94144
Vázquez Ladrón R	45759
Vcokeroth J R	93935
Ve S	41192
Veach J B	22595
Veatch C	13639
	13640
Veatch J L	92863
Veazey A H	40902
Vecchi A	33474
	52330
	77567
Vecchi E de	81894
Vecchi G de	52491
	80237
Vechkanov E G	54974
	54975
	54976
Vechkanov P G	31459
Vechkanov V G	77568
Vechsler M J	62439
Vecht van der	16927
Vecht J van der	56628
Veciana Verges J M	84796
Vedani A	44963
Vedani F O	55329
Vedel	787
Vedeneeva R S	20248
Vedenîàpin G	44229
Vedernikov N L	69202
Vedernikova V V	37489
Vedrenne J	22548
Vedvik J R	76767
Veen A G van	61878
Veen B	14514
	41251
	66926
	75260
	83398
Veen R van der	12492
Veenbaas A	2308
	30483
Veenendaal H	4205
Veendorp H	13416
	13417
Veenenbos J S	2997
	30743
	82681
Veener K	85298
Veenstra G	58319
	81515
Veenstra J	15763
Veenstra J A	76718
Veer E J van A de	25082
Veer H J ter	84229
Veer J de	36597
Veerman W	13127
Veerdegem van	71005
Veerdig C	86672
Veerkamp T A	78138
Veersen G J van	9616
Vega J	6690
	39910
Vega J R de la	79971
Vega J V	21606
	31039
Vega Macchia-vello J A	2309
	16313
	68470
Vegetable Growers Association of America	49230
Vegezzi G	17807
	25879
	25890
Vegter E	23814
Veh N von	41307
Vehse A G	69145
Veideman V	35696
Veiga A de A	3201
	8914
	62644
	62645
Veiga F	68092
Veiga J S	15256
	15327
	83970
Veiguinha A S	78940
Veihmeyer F J	14135
	49883
	49884
	58426
	64957
	74740
	74741
Veil G	21911
Veilleux J M	93179
	23982
	33353
Veisseyre R	25740
Veisterîs P	90986
Veit	23171
	59538
Veitch F P	96225
Veitch S L	43054
Veîts V	25546
Veîts V I	7395
Veith A G	71091
Veîtsman L N	33145
	42832
Vekshegonov V Î A	22361
	58736
	91726
Veksler A I	82169
Velard E	46048
Velarde J	9487
Velarde Fuertes J	45820
Velasco G R	14412
Velásquez B P	2507
	21473
	66087
	82649
Velazquez Diaz	62646
Velásquez Q J	15217
	32212
	80638
Velatta M	74817
Velde H v d	30378
Veldhuis M K	36298
	54226
	54374
	95140
Veldhuizen H van	36444
	36445
Veldink J G	4267
	40246
Veldstra H	891
	12491
Velednitskiĭ M N	26350
Vélez I	18808
	40903
Velichko V V	39599
Veliz M O	76249
Veljković L	88920
Vella G F	37070
Vellacott A S	23262
	32678
Velloso K P	54541
	54756
Velmonte J E	27863
Velsicol Corporation	68520
	77271
Veltman G H	74929
Velu H	92353
Velzen A J van	48850
Ven L F J M van der	18824
	27211
Ven R van der	1542
	1543
	9717
	27212
	37002
	46049
	57401
	57402
	79996
Venables C J	14732
Venables D G	6785
Venables E P	93497
Venables R L	24665
	93685
Venables T M	7522
	95772
Vendel J W	48870
Vendelbo-Ander-sen T	38058
Vendramini R	92768
Vendura R	36980
Venekamp J T N	73380
Venema C J A	19280
	37699
Venema H J	64159
Veneroso A	1070
Venet J	14590
	22671
	22714
	75682
Venet M	93809
Venezian M E	56932
	73284
	81778
	90115
	90180
Venezuela Dirección de Agricultura Dept de Suelos	74399
Venezuela Instituto de Investigaciones Veterinarias	15414
Venezuela Ministerio de Agricultura y Cria Direccion Forestal	66831
Venezuela Ministerio de Fomento Direcciòn General de Estadística y Censos Nacionales	53603 72079
Venge O	42403
	42873
	51757
	59883
	76318
Vengrenovskiĭ S I	38999
	57341
Vengris J	64731
Venino P	58366
Venkatanara-yana J	16020
	84364
Venkatappiah D	26813
	28162
Venkataraman M S	37589
Venkatara-manan K	16785
Venkatara-mani K S	72784
Venkataratnam B	15493
	80052
Venkataratnam L	39792
Venkatarayan S V	280
	11940
	38764
	74400
Venkateswara Rao R	17898
Venkateswarlu P	76140
	80666
Venkatram C S	47351
Venkatasubra-manian M K	66441
Venkatasubra-hamanian T A	13995
	39174
	44835
	90083
	95361
Venner A K	15850
Venner K	45907
	50795
Vennmann W	78401
Venot P	81285
Venov N	39201
	49942
Venrick F	78593
Vent E	50796
Ventakataraman V	18146
Venter J J	8591
Ventieri J A	45728
Venton C B	9689
	95550
	95551
Ventriglia F	46557
Ventura C J	61696
Ventura County California Agricultural Commissioner	69752
Venturelli	71662
Venturelli A	16462
	34149
Venturi F	85784
Ventz E	31912
Venzher V	9971
	63541
	86190
Venzke W G	15494
	59674
	84922
Vera A	2127
Vera V R de	50917
Vera Lôpez A	23172
Verall A F	67096
Verastegui Bellfola J	48374

Verband Grossstadtischer Milchversorgungsbetriebe — Item 35859, 35860, 35665
Verband Ostschweizerischer Landwirtschaftlicher Genossenschaften — 55802
Verband Schweizerischer Konsumvereine — 80588
Verbeek W A — 65219, 85226
Verbelen J J — 22865
Verbelen L — 55869
Verbelskii E Iu — 36075
Verbich O A — 50745
Verbitskiĭ I P — 29519
Verbond Fruitkwekers Oost-Vlaanderen — 39851
Verbovyi K A — 73845
Verbruggen A — 2310, 19955, 21327, 30484, 40250, 90987
Vercauteren R — 15695
Vercier P — 39093
Vercruysse R — 16103, 92354
Verdcourt B — 47298, 47299, 60887, 64861, 93810
Verdejo A — 37901, 71921, 80117, 94370
Verdeven J — 81956
Verdier P — 43139, 43469, 60888, 77769, 77989
Verdiev Z K — 84741, 90443
Verdoorn F — 11416, 19788, 72324
Verdoorn I C — 28616
Verduin J — 12105, 48112, 56939
Verdura R — 81570
Vereeniging voor den Katoenhandel — 54171
Vereert-brugghen W — 42025
Verein der Textilchemiker und Coloristen — 87300
Verein für Deutsche Schaferhunde — 42342, 92728
Verein fur Gerbereichemie und -Technik — 26901
Verein für Technische Holzfragen Institut für Holzforschung — 59129
Vereinigung Schweizerischer Versuchs- und Vermittlungsstellen für Saatkartoffeln — 45966
Veres S — 16105
Veresenko K I — 76499
Vereshchagin B V — 93811
Vereshchagina V V — 52838
Vereshchinskiĭ I V — 29489, 48191
Verey J G — 75083
Verführt C — 85535
Verfurth C — 34150
Vergani F — 6519
Vergara Castillo C — 11941, 11942
Verge J — 5094, 23280, 23381, 32425, 42487, 59394, 84714
Vergeer T — 64862
Vergeles N A — 31745
Verger — 18172
Vergés J B — 76980
Vergés S — 87909
Verghese E J — 66442
Vergnano O — 73168
Vergnaud H — 2844, 37038, 49776, 71510, 91355
Vergneau J — 75422
Vergouw W — 11421
Vergriete M — 36757
Verhaalen R J — 46892
Verhaar G — 88013
Verhaart M L A — 9659, 79978
Verhage A J — 80639
Verhey C — 1013, 1014, 63086
Verhille H — 31404
Verhoeff P M F — 68905
Verhoeven B — 74818
Verhoeven J — 55803
Verhoeven P — 70343
Verhoeven W B L — 47453, 64397
Verink J B — 58490
Verissimo J — 43055
Verissimo S — 6612
Veritti F — 3958
Verity R — 94090
Verkerk G G — 57342
Verkerk K — 30485, 47798, 81458
Verlaat J G — 25557, 36299
Verma G M — 50478, 92017
Verma G S — 89677
Verma H P — 90181
Verma J P — 71006
Verma N S — 42204
Verma R D — 94307
Verma R N — 40436
Vermaas C H — 58943
Vermeer J — 37700
Vermeil C — 85796
Vermes M — 77272
Vermeulen W — 8087, 86972
Vermont Industrial Agricultural Products Commission — 7448
Vermont State Soil Conservation Committee — 3095
Vermont University and State Agricultural College — 50029, 53750, 54063, 63087
Vermont Wood Products Conference — 50492
Verneau R — 11724
Verner A R — 40529
Verner L — 30051, 48728, 48729, 73846, 82233
Verner R W — 11939
Vernet A — 29807, 37552
Vernet E — 29631
Vernier G — 49108
Vernon E H — 43021, 76325
Vernon J W — 3139, 28869
Vernon L — 12249
Vernon L P — 64863
Veron H A — 68262, 76410, 77004, 370, 21573, 28958, 28959, 49480, 53687, 81200, 81725
Verona O — 31987, 31988, 31989, 50484
Verrall A F — 42565
Verran R F — 91183
Verre W F van — 52905
Verrier M L — 77569
Verrun J — 93686
Verschoor B M F — 11015
Verschoor C — 42063
Verschuer H Freiherr von — 25185
Versényi L — 5681, 33586
Verseput H W — 22740
Vershinin F G — 25389
Vershinin K F — 32675
Vershkovskiĭ V N — 47732
Verson H A — 77005
Versteeg H — 15560, 92938
Versteegh F — 58737
Vert M — 77570
Vertebnyi P I — 41324
Vertinskiĭ K — 47066
Vertunni R — 1511, 11312, 24081, 36076, 37902, 71511
Vervelde G J — 13814, 20661, 40390, 73380
Vervloet C — 79427
Vervenne B van A See Asperen
Vervenne B van
Verwaest J — 1267
Ver West D E — 44936
Veselov I A — 44612
Veselov V M — 48338
Veselova E P — 1066
Veselova T P — 67423
Veselovskiĭ I A — 74225
Vesenmayer H — 61995
Vesey-Fitzgerald L D E F — 66088
Veshenskaia I S — 40950
Vershinin K — 84732
Vesnin V M — 91858
Vesović Z — 85132
Vessel A J — 30830
Vessereau — 27213
Vest G — 59601, 76141, 76500
Vestad R — 1472
Vestal C M — 5790, 53353
Vestal E F — 64385
Vestbirk P — 85299
Vesterinen E — 31849
Vesterman A — 72785
Veto — 51419
Vettel — 89129
Vetter J — 47300
Vetter R F — 42385
Vetters G — 46798
Vettori L — 13787
Vetukhiv M — 23030
Vetulani T — 33026
Vetushnĭak L F — 57882
Veverka C — 17587, 80589
Vevers H G — 15218
Veyl R — 47769
Veyron J — 32292
Vezelhorst P — 41299
Vezin C — 19956
Vezina P H — 73628
Veziroglou F M — 39651
Via M — 55330
Viada S — 79682
Viado G B — 6885, 16247, 16752, 43691, 60889
Viaene N — 15328, 76803
Vial E E — 35793, 53886, 53911
Vial J — 84516
Vial J M — 3959, 15123, 92503
Vialas — 30137
Vialatte — 72080
Viale E — 6498
Vian M — 45587
Viana A T — 39566
Viana J A C — 10924
Viana M J — 34297, 90124, 93812
Vianello C — 23382
Vianello G — 16106, 16107, 32801, 32942, 42239, 42386, 50916, 75956, 83971
Vianna A — 27583
Vianna T C A — 44230
Vianna e Silva M — 13641, 31253, 49777, 58367, 65037, 65038, 73465
Viannay C — 36446, 36447, 80316
Viart F — 83593
Viau P — 10221
Viaud M C — 83135
Vĭazkova S F — 24714
Vĭaz'min G — 22034
Vĭaznikov F V — 27416
Vĭaznin N K — 29808
Vicard A — 42240
Viccars M — 64949
Vice K R — 10372
Vicent Filho N — 41763
Vicente J — 21586
Vicente J C — 63455
Vičentijević C — 92355
Vicenza Camera di Commercio Industria e Agricoltura — 53604
Vicioso C — 11509
Vick R — 74122
Vickers G S — 42833
Vickers M A — 23917
Vickers R — 9801
Vickery H B — 29427, 29428, 48113, 56940, 81780
Vicknair E J — 36699
Vickrey F W — 45908
Vickrey K C — 5566, 15951
Victor — 7023, 44060, 53123, 61488, 69203, 69280
Victor B — 78503
Victor J — 84554, 84555
Victor K — 9370
Victor M — 86586
Victoria J C — 79178
Victoria Central Planning Authority — 31504

	Item
Victoria Chamber of Agriculture	28286
Victoria Dept of Agriculture	1473
Pasture Br	
State Research Farm Werribee	73381
Victoria Dried Fruits Board	87517
Victoria Forests Commission	14400
Victoria Racing Club	15648
Victoria Rivers and Water Supply Commission	21912
Vidacs G	41833
Vidal B F	37442
Vidal G	80402
Vidal J	90697
Vidal J P	21009
	69864
	69865
	82283
	82284
	89563
Vidal M	22439
Vidal P	58738
Vidal R	21974
Vidal V A C	87910
Vidal Barraquer J M	1855
	45297
Vidal Mora J M	371
	11725
	12943
	21826
	29959
	40771
	48339
	49778
	73762
	81895
Vidali A	11708
	47595
	72786
Vidart A G	19294
Vidart D	10592
	27905
	55610
Vidart D D	46607
Videau G	14991
Videla S	62885
Vidme T	13642
	21418
	40315
	74327
	74328
Viegas G P	49779
Viehmeyer G	66319
Vieira G V N	76974
	85071
Vieira J	35666
Vieira J de C	70523
	88985
Vieira R	68783
	85785
Vieira Natividade J See Natividade J V	57467
Vieitez E	73907
Viel G	16654
	17097
	33910
	33948
Viel M	33911
	43242
Viemont B M	80303
Vienna Bundesanstalt für Pflanzenschutz	19957
	38628
Vienna Hochschule für Bodenkultur Forstwirte-Verein	31370
Vienna Statistisches Amt	17710
	61895
Vienna Versuchsstation für das Gärungsgewerbe	69866
Viennot-Bourgin G	19890
	39202
	64520
	72526
	72787
	89469
Vienna Österreichisches Institut für Wirtschaftsforschung	87528
Vierheller A F	48821
Vieri F	55804
Viering	31371
Viermann H	86536
Vietinghoff-Riesch A Freiherr von	52159
	60615
	68713
	91901
	93498
Viets F G Jr	48114
	64711
Viets K	6399
Viette P	6827
	6828
	17004
	17040
	17098
	17099
	17100
	17101
	43140
	43855
	52839
	60520
Viette P E L	25083
	86015
Vigar W F	44011
Vigario C A	57898
Vigaray J	26334
	54078
Viggiani G	72213
	74819
Vignali L	75957
Vignolo-Lutati F	47301
Vigorov L I	39203
Vigrass L	11089
Vigue R F	67711
Viguera Lobo J M	87518
Viguerie P de	372
	31040
	38629
	49780
Viguier P	91463
	95892
Viguier R	56276
Vilscher Caballero E	77320
Vijayaraghavan P K	73343
Vijayasaradhy M	56721
Vijfvinkel L	13128
Vijn A	47200
Vik E	43953
Vik K	2311
	40850
	49781
Vikharev I N	23664
Vikhireva V V	89881
Vikhlyaev I	41934
Vikhliaev V A	32426
Vikhlyaeva S	39403
Vikhrov V E	47064
Viktor T	39852
Viktorov G A	43738
Viktorov I S	35590
Viktorov P I	59251
	67319
Viktorov S V	20142
Vilá Pla J A	28372
	80238
Vilanova M T	2508
	82650
Vilanova X	42880
Vilar J M dos S	24972
	43692
Vilares J B	30821
	46508
Vilars	32110
Vilbrandt F C	13643
Vil'chinskiĭ A D	23600
Vil'chinskii S T	88097
Vileishis K [illegible]	57149
Vilenskiĭ [illegible] G	21485
Vilhena M	7024
Villadolid D V	13644
Vil'fams V R	1131
	2531
	90215
	91145
Vil'fams V V	35591
Vil'ke G A	41325
Vilke K	32964
	32976
Villa V J M	58533
Villaça D de S	36598
Villacorta Escobar M	63642
Villafañe A	10222
	80930
	90491
Villalobos-Dominguez C	80403
Villamil A O	95552
Villamizar Jaramillo A	22866
Villamor F J	76662
Villano M	78646
Villanueva A J	19070
Villanueva E F Jr	68363
Villar F del	18173
Villar M del	18173
Villares J B	4521
	4522
	32802
	51276
	84413
	84414
	92504
Villaseñor Angeles R	41612
Villax E	12678
	65028
	65192
Villegas D E	41935
Villegas V	20729
Villela G G	29429
Villena L M	73455
Villenave M	37623
Villeneuve A	51860
Villeneuve G O	12493
	29430
Villeneuve P	4724
	15219
	23383
Villeneuve P	33264
	43243
	51945
	67320
	75958
	76411
	77273
	84415
	92356
Villers L	59123
Villey M	78
Villforth F	8915
	18347
Villière A	3628
	58995
	67109
	75485
	83564
Villiers A	6691
	43693
	52038
	68863
	68864
	77800
Villiers G	83972
Villiers P R de	72008
Villiers-Stuart C	57791
Villikka P	75441
	75442
Villinger W	72527
Villot J	7345
	7346
	63680
Villumstad E	24666
	77571
Vilmorin R de	29632
	90537
Vilmorin-Andrieux	28471
Vilstrup V	7838
Vinacke W R	9134
Viñals Capell J M	69867
	78941
Vincent A	39520
	73581
	89997
Vincent B	1474
	87772
Vincent C L	2954
Vincent D B	35919
Vincent E L	10825
Vincent G	3960
	84999
	87911
	94441
	95420
Vincent J	25390
	53470
	55430
	80239
Vincent J M	2623
	13986
	58146
Vincent L E	34253
	52112
Vincent M	5567
Vincent P Y	41278
Vincent R	75683
Vincent R H	85814
Vincent S	2128
	13815
Vincent W	9874
Vincent Z D	41906
Vincenzo G	5201
Vincenzo M di	46738
Vinçonneau V R	31746
Vindard G	21574
Vine R	44278
	53287
	53288
	83347
	84230
	91509
Vine V	1806
Vines A	760
Vines M	54813
Vineyard Mrs C	13418
	13419
Vining K	9237
	19147
	37903
Vinit F	8034
	11033
	11090
	38104
	38121
	55906
	55912
	63922
	89067
Vinitskaia A K	78428
Vink A P A	14237
	25250
	49782
	66660
	80118
Vink H H	84269
Vink J	10223
	10605
Vink J de	21214
Vinod	78376
Vinograd D I	58391
Vinogradov A	48375
Vinogradov A P	1071
Vinogradov [illegible] I	52331
Vinogradov N V	20770
	27171
	36965
	36966
	54914
	63113
	63138
	88098
	88099
Vinogradov P I	2312
	20419
	65916
Vinogradov S A	55431
Vinogradov V A	58785
Vinogradova A	33476
Vinogradova E I	779
	23186
	48340
Vinogradova F K	32992
Vinogradova N M	73446
Vinogradova T V	43365
	52332
	77572
Vinogradskaia O N	61027
Vinokur R L	20905
Viñoles Vivet P	58634
	75015
Vinot M	90900
	90901
Vinson C	95915
Vinson E B	78238
Vintaikin Z P	55135
	74226
	74227

	Item
Vinter F J	32472
	84023
Vinther D H	50140
Vintinner F J	2405
Vintler	23173
Vinton C	95315
Vinŝ A	25963
Violante A M	87754
Violante G	38287
Virginia	19627
Virginia Academy of Science	
Virginia Advisory Council on the Virginia Economy	36218
Virginia Advisory Legislative Council	79715
Virginia Dept of Agriculture and Immigration	89100
Div of Agricultural Statistics	36471
Div of Chemistry	72180
Div of Markets	15936
Virginia Dept of Health	23031
	24426
	61697
Virginia Farm Electrification Council	53014
Virginia Polytechnic Institute Blacksburg	37443
Virginia State Horticultural Society	57435
Virŝasov K	55331
Virmani K C	3683
	83603
Virnik D	36678
Virnik F	34545
Virolainen J	80060
Virone L E	37071
Virot R	56277
Virri T J	39309
Virtanen A I	21575
	48115
	82735
	87150
	87163
	90182
	91238
Virtanen E O	56978
Vis C	21217
	65788
Vis D	21217
Vischer W	240
	2601
Visco S	17563
	35218
Viscovo M del	95686
Visentini M	49943
	74536
Vishnŝakov I U	85724
Vishnŝakov V	24427
Vishniakova N M	30748
Vishram T M	71007
Vishveshwara S	12152
Vishveshwaraiah S	89842
Vishveshwaraiya S	43565
Visibelli U	94208
Visintainer L	33644
Visocchi V	27864
Visschedijk A H J	61408
Visscher J	2663
	63456
Visschers A J	2313
Visser D	48248
	57150
Visser D F	19628
	34640
	42100
	52840
Visser J B	36077
Visser W C	14136
	21486
	27882
	31113
	49869
	58490
	66584
	74823
	80240
	83037
Visvanathan T K	27214
Viswanatha T	73344
Viswanathan D K	16786
	16787
	16788
Vita A	24143
Vita D	68521
Vita F de	44723
Vita J F	42387
Vital A F	60890
Vital N	35051
	83136
Vital-Durand	6387
Vitalone E	28037
	37904
	63771
Vitanov D R	30138
Vitasovic Z	13519
Vite	77801
Vité J P	31579
	61320
	68713
Vitek P	3496
	16655
	43244
	43856
Viteau R	7260
Viter V D	68626
Vitko A M	40741
Vitnell B W	58186
Vitoria E	1015
Vitteau R	53153
Vittoria A	73030
Vittoz R	4725
Vittum M T	49784
	58346
	65917
	91216
	91530
Vitums A	84556
Vivani W	16248
	91089
Vivas G E	10351
Vives M	1303
Vives Sabater J	50919
Viviani E	8592
Vix H L E	15109
	18650
	36741
	54046
	54744
	62926
Vladimirov A	49785
Vladimirov A V	48190
	82911
Vladimirov I	44937
Vladimirov I F	29809
	68627
	82086
Vlag A F	47596
Vlam A W	88638
Vlasenko A E	48637
	63139
Vlasenko I A	1719
	48116
Vlasŝuk P A	1016
	1017
	1072
	40742
	82912
	82913
	82914
Vlasov I	57899
	94739
Vlasov I A	49231
Vlasov P	44885
Vlasov S	61651
Vlasveld J P N	594
Vlasveld W P N	38630
	38765
	47455
	68471
	85601
Vleeschauwer A de	18015
	87070
	87115
Vlestecka	11280
Vliert A J van de	41694
Vlies G S van der	9659
Vliet M van der	1018
	11943
	12494
	20062
Vliet N van	19386
	24254
Vlimmeren P J van	9371
Vlitos A J	13816
	56941
Vlodaveŝ I	26250
	35674
	94768
Vloten H van	14401
	72788
	91722
Vloten J M van B van	10224
Vöchting F	95774
Vodonik J L	8476
Voegeli R	3251
Voelcker O J	40376
Voelker D E	51287
Voelker S W	27772
	74899
Voelskow P	31946
Voet W	95916
Voevoda D K	31372
	31460
Voevodin A V	12495
	66026
	82593
Vogel	23263
	51148
	51149
	63542
Vogel A	46622
Vogel E H Jr	21474
	53688
Vogel F	67527
Vogel G	68346
Vogel H	4420
	15329
	21218
	24082
	28472
	41764
	42101
	42102
	46739
	50797
	51150
	51151
	59602
	67321
	84231
Vogel H H	55870
Vogel J	4930
Vogel K	33604
	33605
	60391
	68283
Vogel S L	17435
	69368
Vogel W	43566
	43567
	68784
	85786
	87448
Vogelbach C	6078
Vogelmann A	30379
Vögeli F	76946
Vogelsang E G	15220
	83856
	83973
	84715
	85282
	85787
Vogelzang H	14137
	31172
Vogl C	69868
	78886
Vogl F	80540
Vogl K	17808
Vogler A H	14659
Vogler E	39652
Vogt	26553
	53022
	90125
Vogt A	21010
Vogt E	25881
	46740
Vogt F P	9579
Vogt G B	43119
Vogt I	81726
Vogt K	42315
Vogt R	9135
	45588
Vogt S W	10826
Vogtherr J	72946
Vöhringer K	51420
	51497
Voichuk D	90300
Voight S	81302
Voigt G K	82918
Voigt M	48886
	89437
Voigt R F	66089
Voigt S	7026
	15937
	23264
	23265
	28104
	78854
	88597
Voigt V	7051
Voigtländer G	49786
	56668
Voigts G	67528
Voinchet P	37003
Voĭnov G V	31655
Voĭnova P	36640
	62862
Voĭnovitch I	45393
Voiret	70026
Voiret M	26016
Voisenat	80913
Voisenat P	29810
	30374
Voisin A	55332
Voit A	1618
Voĭtchishin N V	20249
Voitchishina O N	47597
Voĭtkans É A	32880
Voĭtkevich A A	42715
Voitko D I	77061
Voĭtov P	25251
	78427
Voĭtov P I	69204
	94269
Vokhlakov P F	34743
Volbert F	9496
Volcani R	84232
Volchkov I	25368
Volchkov V G	44279
Volck G	52996
Vøldan S	11091
Volgin P	77573
Volgin V I	85602
Volgunov G P	27215
Volin L	10535
	27683
	27684
	27865
Volk G M	30884
	40905
	57392
	58124
	58536
Volk G W	13891
	30782
	39609
	40659
	40677
	58080
	66133
Volk H O	52906
Völk J	72877
Volk O H	81457
Volken N	16463
Völker H	61489
	86281
Volker R	4057
Volker U	6829
Volkert E	91768
Volkmann K	33027
	42445
	42446
	67891
Volkov A N	60616
Volkov D A	23691
	33049
Volkov F I	31747
	91769
	91859
Volkov F N	94339
Volkov I A	39204
	81727
Volkov R S	89675
Volkova E P	48822
Völksen W	79526
Vollaers J A	36544

	Item
Vollema J S	17259
	30705
	47598
	81255
Vollenbruck H	**45254**
Vollert E	88829
Vollmann M	68714
Vollmayer H	14350
Vollmer A M	178
Vollo L	13885
Vollrath H M	24281
	24312
	25279
	42888
Volobuev V R	**58125**
Volobueva N P	12647
Volodarskiĭ N I	12186
	39205
	56617
Volodenkov F I	31889
	67038
Volodin A N	20420
Volodin A P	73297
Vologdin A F	22533
Volokhova A	**20730**
Volokitin S N	51597
Volontir I G	48887
Volosevich A P	24667
Voloskov P	59539
Voloskov P A	50920
Voloskova A A	50921
Volosky de H D	11944
Volosky Y E	13520
Volotovskiĭ D	94769
Volp P	11726
Volpi M	**39206**
Volpini A	12026
	48558
	92714
Volpini C	83267
	91741
Volterra E	80241
Völz	17953
Volz A G	28960
	34628
	37580
	88565
Volz F E	**44428**
Volz G	64620
Völz W	7591
	8088
	10423
	44886
Völzing K	66790
Vömel A	39269
Vomsattel M	6321
	16464
	16465
	52395
	74401
	77574
	93687
Vonarburg H	32397
Vonásek F	62960
Von Bergen W	36078
	45255
	95009
Von Broehmbsen H H	38396
Vondeling A	7946
Vondell H	51558
Vondell J	87978
Vondell J H	5396
	33354
	42834
	45909
	53289
Von der Haar P	9468
	9469
	54757
Vonk H	16077
VonKrosigk M	84046
	84149
Von Loesecke H	17676
	26488
	44422
	45322
Von Mueller K	65789
Vonnegut B	38288
Von Oppenfeld H	10424
Von Rudloff E	79753
Vonsbaek N	**19510**
	63877
Von Steinen R	92382
Von Steinen Mrs R	92382
Von Stieglitz C R	2629
Vontobel J	59603
Voorhies E C	18547
	70821
	79716
	79717
	87020
Voorhies S T Jr	26341
Voorhis J	19415
	37996
Voorn H	14941
	41572
	67176
Voors H J	13420
Voort M	**40561**
van der Vormbrock E H H	27773
Vornefeld H	19251
Vorob'ev B L	35052
Vorob'ev L I	53042
Vorob'ev S	21827
Vorob'ev S A	**20484**
Vorob'eva A	4239
Vorob'eva E I	24188
Vorokhobin I G	**86556**
Voronikhin N N	56317
Voronĭuk B A	57900
Voronko G A	71158
Voronov A G	90126
Voronov D L	59395
Voronov P	25461
	69281
	53141
Vorontsov A F	32679
	51138
Voropaev A	25369
Voropaev A A	20250
Voropanov P V	31674
Voroshilov K P	23004
Voroshilov V A	70483
Vorotilov M A	92236
Vorreiter L	3202
	32147
Vorster J A	**61384**
Vorster P W	62755
	65918
Vöry J	14351
	41020
Vos A C	69540
Voskoboĭnikov I M	78942
Voskresenskaĭa N P	12496
Voskresenskiĭ D A	22167
Voslamber L T	88439
Voss	**53845**
	68628
Voss C M	30584
Voss E	43481
	68715
	77802
	86927
Voss E G	78204
Voss J	74123
Voss R	37553
Vosters H L	3739
Vostokov A G	73629
Vostokov A I	20770
	63140
Vostrikova A I	20251
Vostropiatov N A	34809
Voth H	49787
Vöth W	64651
Votintsev K K	81728
Vouk V	**72325**
Vouras P	10558
Voute A D	43141
	64608
	77274
Voûte E J	4206
	59396
	67424
Vovchenko F A	**33645**
Vovchenko I	80317
Vovk N K	93237
Voysey A	**32473**
	37444
Vozbutskaia A E	49788
Vradenburg G A Jr	65790
	74329
Vranchan Z É	44280
Vrbaški T	29431
Vredeling H	95775
Vreeken C N	65919
Vrie M van de	**34519**
Vrielink A G M O	80744
Vriend S	373
	40251
Vries D M de	82087
Vries E de	10556
	15938
	19071
	37445
	82795
Vries G de	5202
	5534
	5535
	5536
Vries J P de	32590
Vries L P de	32803
	84416
Vries R de	4421
Vries S de	40988
Vrignaud Y	8326
Vrijhof B	1683
	13069
	29912
	38631
	47456
	65316
	90665
Vroom A H	59130
Vroman L	75959
Vryonides P	8916
	73897
Vryonides T	11945
Vsesoiuznyĭ Komitet Standartov	6322
Vsesoiuznoe Nauchnoe Inzhenerno-tekhnicheskoe Obshchestvo Lesnoi Promyshlennosti i Lesnogo Khoziaistva	31870
Vsesoiuznyĭ Nauchno-Issledovatel'skiĭ Institut Sakharnoi Svekly	90492
Vsesoiuznyĭ TSentral'nyi Nauchno-Issledovatel'skiĭ Institut Sakharnoĭ Promyshlennosti	65271
Vsevolozhskaia G K	40743
Vsiakikh A S	23174
Vučković D	31580
	85184
Vu Duc Hien	1167
Vuillaume M	52791
Vuillaume R	4207
	26017
	50922
	67425
	92357
Vuittenez A	47662
	47663
Vulker H	78767
Vullings W	20063
Vuorinen J	11281
	13788
	21549
	91356
Vuren J P J van	3170
Vuyst A de	50923
	51152
Vyas A R	50053
Vybornyĭ N	10352
Vychuzhanin D S	57573
Vyncke A	65220
Vyshelesskiĭ S N	23032
Vysokoostrovskaia I	20143
Vysotskii I V	75665
Vysotskii K	81927
Vysotskii S I	27172
Vytchikov A I	57343
	57344
	57345
Vyvyan C C	21219
Vyvyan M C	797
	12558
	90127
Vzenkonskii A	87301
Waag W	25370
Waal D de	11016
	70681
	70808
Waal G A van der	36894
Waalkes J van B	12106
Waard W G de	10932
Waart A de	46976
Waas G J	27348
	46173
	55081
	55805
Waas O	**44410**
Wabeke C C	80590
Wacek A	92156
Wacha R	31850
	67028
Wacher H S	**38397**
Wachernig H	5791
	51901
Wächli E	4251
	22867
	23175
	42103
Wachs E F	23906
	76788
Wachs H	6073
Wachtel C L	**30380**
Wachtel H	**41252**
Wachter H von	**41765**
	82088
Wachter I	15889
Wachter W H	11550
Wächtershäuser H	66159
Wachtershauser J	**60290**
Wachtmeister A	50388
Wacker	15124
	67712
	73630
	73631
	79227
	87164
Wacker H	4252
	55731
Wada B	**90128**
Wada K	2129
	2130
	2131
	34688
	52870
Wada S	50508
Waddell C W	95553
	95554
Waddell D B	94002
	94145
Waddell R D	50567
	75639
Waddell W H	39404
Waddington C H	**50681**
	68785
Waddington C W	43568
Waddington F G	4726
Waddoups V	547
	11905
Wade E K	56471
	72789
Wade G C	509
	11946
	20064
	20065
	28815
Wade L L	84417
Wade J S	11260
	93321
Wade P M	5276
Wade W	61074
	68837
Wädenswil Eidgenössische Versuchsanstalt für Obst-, Wein- und Gartenbau	**90538**
Wadham S M	26752
	74664
	95601
	95893
Wadhawan S K	74435
Wadhwa N D	12738

	Item
Wadia N N	45256
Wadleigh C H	1019
	2551
	2558
	2845
	12497
	81526
	81729
Wadley B N	56336
Wadley F M	85334
Wadlow T J	13421
Wadsack J	47868
Wadsworth D F	64528
Wadsworth D V	63141
	71159
Wadsworth F H	14528
	14571
	21975
	31581
Wadsworth F J	4531
	51834
	76640
Wadsworth J R	42447
Wadsworth R N	35272
Wadsworth S E	967
	12440
Wadsworth V M	9972
	18966
	19264
Wadsworth W R	70413
Waegemans G	2664
Waerden H M C van der	9718
Waern M	81078
Waesterberg T	3264
Wafa A K	34151
	60746
Wagemann Wiedenbrug G	3595
	88166
	91672
	91727
	91794
	91925
	91970
	92008
	92166
Wagenaar G	7329
	23601
Wagenaar G A W	64701
	90129
Wagenaar J M	9497
	46350
Wagenaar R O	62088
Wagenen J van	17661
Wagener K	4727
	26180
	32804
	42388
	51277
Wageningen Bosbouwproef-station T N O	91634
Wageningen Centraal Instituut voor Landbouw-kundig On-derzoek	46442
Wageningen Instituut voor de Veredeling van Tuinbouw-gewassen	13521
	57436
	73085
Wageningen Instituut voor Tuinbouw-techniek	7079
Wageningen Landbouwhoge-school	10827
	19996
Wageningen Rijksproef-station voor Zaadcontrole	27098
Wageningen Stichting voor de Nederlandse Vlasteelt en Vlasberwerking	26435
Wagenknecht	91795
Wagenknecht A C	18348
	70601
	95141
Wagenknecht T	14630
Wager V A	540
	81303
	89678
	89679
Wagermann E	81730
Waggett G	87302
Waggoner P E	38766
	72790
Waghorne D	48192
Waghorne M	22627
Wagn O	68995
Wagner	52736
	52841
	56454
	56570
Wagner A	48157
Wagner C	22440
Wagner D L	30957
	40671
	65632
Wagner E	6692
	8750
	24973
	40316
	43569
	43694
	43695
	43696
	43697
	43698
	47807
	52686
	53573
	54397
	68865
	68866
	68867
	68868
	77990
	77991
	77992
	85432
	85859
	85880
Wagner E R	14840
Wagner F	44732
	52492
	89680
	94578
Wagner H	657
	38059
	84483
Wagner H S	79179
Wagner I	4951
	15609
Wagner J	94690
Wagner J B	3675
	22636
Wagner J P	59825
Wagner J R	54398
Wagner K	20825
	20826
	89778
	89779
	90015
Wagner K A	11551
	89418
Wagner K H	96161
Wagner M	9136
Wagner O	50924
	83974
Wagner R	5095
	57336
Wagner R E	12798
	32672
	36079
	37590
	48527
Wagner R M	42566
Wagner R P	12229
	47818
Wagner S	48341
	69246
Wagner W	35861
	68869
	68870
	68871
Wagner W H Jr	81055
Wagner-Jauregg T	34321
Wagner-Löffler F	3327
	14479
	14480
Wagnon A	77040
Wagnon K A	30620
	42316
Wagoner A N	38068
Wagoner E R	14402
Wahhab A	40744
	67284
Wahl R	9719
	12559
	48193
Wahl T	47007
Wahlbeck I	37997
Wahlberg H E	90606
Wahlen F T	55333
	55334
Wahlen H	46608
Wahlenberg W G	22362
Wahlfisk K	17564
Wahlfisk K O	35433
	45645
	80356
	86561
Wahlgren E	7276
	33824
Wahlin B	1532
	6575
	43245
	77803
Wahlin B J O	11222
Wahlquist H Mrs	80541
Wahlstrom R C	16078
	60445
	85227
Wahlström S	66752
Wahren K	30706
Waibel B L	39762
Waibel C	19958
	28816
Waibel P E	5273
	79878
Waide Y	42439
	42440
Wain R L	12416
	12417
	12418
	16286
	20365
	29401
	64842
	65479
Wainer M	62130
	62131
Wainwright D M	59540
Wais A	37245
	37246
Waisman I	47457
Wait L H	30381
	58055
Waite E P	41595
Waite O D	38398
Waite R	8327
Waites R E	43274
Wakaki S	28473
	56172
Wakamatsu K	50545
Wakankar S M	73536
Wake G C	74665
Wake W C	88001
	88014
Wakefield E M	281
	56358
Wakefield H R	35059
Wakeford P	78382
Wakelam J A	92237
Wakeland C	24935
	94003
	94178
Wakeley J T	39048
Wakeley P C	14631
	22311
Wakeley R E	19451
	27894
	55347
Wakelin J H	45255
	79299
Wakely S	34641
	43857
	60521
Wakeman H	62566
Wakeman T J	17205
	17206
	25173
	86317
Wakô M	91191
	91192
Waksman S A	11947
	13886
	56164
Walawalkar D G	95555
Waldbauer H	22136
	31656
	41021
	41074
Wälchli O	93813
Walde A W	23938
	23939
Waldeck J	7086
	53062
Walden D B	40204
Walden F F	12944
Walden H T II	73466
Walder W O	35309
	53427
	53574
Waldhäusl F	62756
Waldie J S L	89130
Waldman R K	68522
Waldmann E B	4931
Waldmann O	41907
Waldo C E	75223
Waldo D R	50983
Waldo G F	48888
Waldo H C	75640
Waldo R J	3559
Waldo W H	77062
Waldron A	28038
	75757
Waldron C B	87696
Waldron H L	26753
Waldron J H	9137
	36448
Waldron L R	510
Wales O A	41573
Walford S M	33477
	51741
Walford W	15939
Walfridsson F	16466
Walger K	93688
Walkden A	28617
Walkden H H	9138
	16249
	85344
Walker A	2406
	2509
	7839
	64239
	66090
	89254
Walker A C	39061
Walker A D	47094
Walker A H	1475
	13422
	40135
Walker A R P	11147
Walker C	2998
	17280
	25558
	25580
	40136
	53129
	61698
	78324
Walker C F	65791
Walker C L	43246
Walker D	41036
Walker D E	5714
Walker D M	4438
	23187
	78504
Walker E A	89681
Walker E C	92641
Walker E D	58534
Walker E de W	66667
Walker E M	6925
	69054
	94210
Walker E P	5128
Walker F T	29132
Walker G O	66223
Walker H R	94912
Walker J	13423
	31748
Walker J C	11949
	11985
	12230
	12498
	20083
	20098
	20113
	38632
	38790

	Item
Walker J C	38797
	47458
	47601
	47609
	56820
	72806
	72868
	81346
	89732
	89733
Walker J E	73491
Walker J F	26814
	54173
	60333
	70484
	70485
Walker J P	32591
	84150
Walker J R	34385
	34395
	83975
Walker J S	2132
Walker K C	33939
Walker L	70764
Walker L H	8865
	26615
	36286
	54366
Walker L S	50029
	54063
	63087
Walker M	56072
Walker M N	20409
Walker O J	32069
	41514
Walker O L	41829
	85559
Walker P	31173
Walker R D	20365
Walker R E	38114
Walker R G	26436
Walker R H	19387
	51498
Walker R K	81861
Walker R L	40473
	52427
	77702
Walker R O	3522
Walker R V I	5356
	5357
	84923
Walker T B	66443
Walker T K	12508
	20474
	29480
	44733
	81579
Walker T W	14298
	22012
	49789
	66444
Walker V Y	14967
	14968
Walker W A M	8593
Walker W F	53307
Walker W R	78669
Walker W W	85236
Walkley L M	94041
Walkley V T	8881
	26592
	62491
	70539
	79024
	95122
Walklin A C	70645
Walkof C	13522
	13523

	Item
Walkup H G	9509
	76774
	95365
Wall A	68906
Wall A P	86483
Wall E L	87303
Wall G W	58892
Wall J F	76624
Wall M E	81781
Wall N J	18890
	27300
	63260
Wall R T	14363
Wall S	37905
Wall W J	24913
Walla H	35178
	35179
	51801
	53355
Walla M	1619
	20827
Wallace A	7551
	39207
	47906
	48117
	49824
Wallace A T	64327
	73520
Wallace B	6576
	16753
	34386
	60988
Wallace B A	78817
Wallace G B	541
Wallace G E	78050
Wallace G H	71089
Wallace H	49551
Wallace H A H	48298
	56870
	90281
Wallace H D	33700
	33701
	60471
	60477
	76168
	77097
Wallace H M	14297
	66715
	66716
	74943
	74945
Wallace H R	85881
Wallace J	1699
	5747
	20892
	30010
	39793
Wallace J C	83034
Wallace J E	89373
Wallace J G	25306
Wallace J J	19148
	63543
	71549
Wallace J M	11632
	12275
	56618
	60268
	61409
	61410
Wallace K L	64580
Wallace L R	54012
	15386
	24144
	68230
Wallace M E	15822
	15823
Wallace M J	27253
	511
	68629

	Item
Wallace M M	541
Wallace R E	14733
Wallace R W	80910
Wallace T	21783
	29432
	38323
	39208
	48118
Wallaceville Animal Research Station	32427
Wallen A F	50163
Wallen N J	92977
Wallenfeldt E	53751
	69174
Waller A	72408
Waller D E	7523
Waller E	89570
Waller E F	23868
	23870
	23871
	42567
	42716
	67713
Waller H K	72121
Waller S	19999
Waller T M	81892
	81928
Waller W M	3936
	8049
	70344
Walley G S	16928
	33829
Wallhäusser K H	79
Wallin B	1476
	1477
	7080
Wallin C	14632
Wallin S	72326
Wallis E	93689
Wallis G C	67714
Wallis O L	80
Wallis R L	16876
	43699
	94004
Wallis W M	65221
Wallmark C L	46893
Wallmeyer B	59904
Wallmo T	75293
Wallner J	95285
Wallner O	41091
	50109
	75016
Wallrich M M	8180
Walls C E S	94826
Walmsley L G	19704
Walmsley R C	88677
Waloff N	34679
Waloff Z	25100
	25107
Walp R L	11417
Walpole E W	7277
Walpole R E	11418
Walrath M H Jr	17642
Walrave J	1190
	1268
	16250
	20489
Walrecht B J J	6743
Walrecht B J J R	25023
	43739
	52737
	61141
	94042
	78051
Walser H	93109
Walser P	46579
Walser P H	66668
Walseth C S	67214
	70486

	Item
Walsh D	73090
Walsh E P	32111
	41574
Walsh G B	16656
	94146
Walsh H	213
	214
Walsh J F	32900
	84499
Walsh J P	41430
Walsh R H	83610
Walsh R J	84673
Walsh R M	45821
	79830
	86632
Walsh R S	34152
Walsh T	13823
	63457
	82745
	92829
Walsh W M	17624
Walshe B M	24876
	34387
Walstedt I	89570
Walstedt L	51818
	54588
Walster H L	12679
	26754
	64099
Walstrom J D	63227
Walstrom R J	6323
	60850
	73632
Walter	87379
Walter B C van B	8328
Walter E V	1269
	34388
Walter F X	33286
Walter G H	7683
Walter H	6324
	18055
	29913
	38879
Walter H E	8260
Walter H F	26195
Walter H G	11148
Walter H H	9291
	42406
	76588
	76609
	84571
Walter J	26358
Walter J M	512
	56571
	64521
Walter L	7476
	7652
	9139
	25741
	35404
	36080
	53575
	62089
	69720
	78841
	87304
Walter R J	35920
	45589
	54542
Walter T E	40377
Walter W	50000
Walters B	51421
Walters C S	3648
	22574
	22575
	22576

	Item
Walters C S	22715
	41179
	41431
	59005
Walters E I	83151
Walters F L	88100
Walters F R	88203
Walters H J	12037
	47599
	81350
	89698
Walters H M	54023
	84227
Walters J L	29133
Walters M M	40851
Walters M S	29134
Walters S S	38583
Walters W	31792
	75379
Walther	4422
	83719
Walther A	4728
	76939
Walther E	38489
Walther O	42999
Walther R	16616
	24781
	60617
	93499
Waltner E	35184
Waltner R	5537
Walton A	23176
Walton A B	36195
Walton A T	22716
Walton C F Jr	63095
Walton C L	41613
	50607
	72351
	75684
Walton G A	78377
Walton G H	25410
Walton H V	52980
	61371
	69375
Walton K	78717
Walton L	16849
	80357
	82847
Walton R B	20421
Walton R R	34298
Walton W J	45590
Walton Mrs W R Jr	87979
Waltz R H	93216
Waly A	69617
Walz A J	24877
Walzberg U	76663
Walzel J R	48587
Walzer L	34964
Walzholz G	35836
	45070
	79163
Walzoff	92721
Wamble A C	18632
	36692
	36693
	45220
Wampler E L	38657
	47477
Wamsley B H	12836
Wanaraks P A	83517
Wandel G	41271
Wander I W	2999
	14008
	93490
Wanderstock J J	15549
Wandokanty F	23519
Wandrekar S D	48076
Wang C E	39209

	Item
Wang C S	20757
	73680
	82105
Wang H	90988
Wang H H	89037
Wang R I	19585
Wang S C	89682
Wang T P	40530
Wang Y H M	60758
Wangaard F F	59142
	92167
Wangenheim K H Freiherr von	15053
Wanger O	17807
	25879
	25880
Wangerin R R	13645
	66027
Wangermann E	725
Wangermez J	94209
Wanke K G	20870
Wann F B	39210
	56399
Wann H S	16046
Wanner H	90130
Wannow H A	15013
Wanntorp H	33754
Wansart G	58368
Wanson M	44161
Wanstall G	10933
	37998
Want J P H van der	20075
	29030
	29032
Wantzen	78052
Wany S C	22022
Wanzer H S	70099
Waplinger A	78613
Warburg E F	207
	215
	28504
	72337
Warburg O	12499
	20273
	20424
	20423
	56942
	64864
	73298
	90131
Warburton J A	22292
Warburton J H	74900
Warburton J R	69247
Warcup J H	2624
	21576
	21989
	40531
Ward A C	36325
Ward A H	4827
	22868
	67588
Ward A L	22869
	29836
	32293
	42104
	76501
	92570
	92571
Ward B	13887
	17474
	87165
Ward C J	72430
Ward C L	60957
	60989
	60990
Ward C V	94462
Ward D B	16515
Ward D D	69606
Ward D W	74436
Ward E H	53846
Ward F K	11432
	13424
	13425
	21220
	40378
	56278
	56279
	64160
	64240
	65792
	82467
	82468
	90902
	91136
Ward F N	94691
Ward F S H	70846
Ward F W	82651
Ward G H	19452
	80242
Ward G M	15495
	23384
	76409
	84418
Ward G W	33606
	85133
	85134
Ward H L	51477
Ward H S Jr	79831
	79913
Ward J C	11223
	24428
Ward J D U	3203
	41022
	56280
	83268
	83311
	92776
Ward K M	2314
	13524
	30486
	48823
	48824
	65446
	73847
	90666
	90667
Ward L M	13986
	58146
Ward M	89255
Ward N M	2315
	8917
Ward P A	24907
	52606
Ward R A	45257
	54301
Ward R K	2407
	74330
Ward R W	13525
Ward T L	54758
Ward W B	17926
	62132
Ward W D	83806
Ward W F	374
Ward W H	70487
Wardell W A	95010
Warden R L	30621
	57972
	66028
Wardlaw C W	38955
	73031
	82200
Wardle N	78325
	86121
Wardle N J	34744
	69070
Wardle R N	16108
	88986
Wardojo M	95776
Wardrop A B	12187
	22726
	29072
	47808
	59143
	73032
	75641
	89882
Wardrop G	17281
	17372
	17373
	25252
	25253
	34810
	52997
	78378
	86191
Ware G G	22256
Ware J O	25340
	57175
	90301
Ware L M	3000
	56010
	66585
	66586
	66587
	74666
	80358
	82915
	83035
Wäre M	44382
Ware W W	18349
Wareham J F	18076
Wareing P F	12500
Warham J	17102
Warid W A	73086
Waring C E	31283
Waring E J	81
	81516
Warington K	1020
Waris H	37641
Wark D C	72847
Warkentin H	69869
Warmbrunn K	34299
	47600
	93814
Warne B	68529
	85472
Warne L G G	2316
	57858
	57901
	61444
	62660
	90989
Warne W E	3001
Warneck C	62462
Warnecke E	26008
Warnecke G	17103
	17104
	17105
	60522
	78205
	78206
Warnecke W	46741
	49790
Warner A	32362
Warner D R	5653
	24238
Warner E	8181
	17954
	79111
Warner E A	4828
Warner G C	12837
Warner I	73491
Warner J N	48638
	62054
	89913
Warner L E	49791
Warner M F	72437
Warner M R	36454
Warner O	32029
Warner O F	81304
Warner R G	51274
Warner R L	82572
Warner R M	2133
Warnick C C	3002
Warnick M N	26067
	35668
Warnock G M	96139
Warnock R G	85801
Warr A E	13426
	13427
Warrack G	75294
Warren A	80542
Warren B C S	17106
	43858
	43859
Warren C	41936
	84924
Warren C C	9580
	27046
	33478
	42835
	45910
	54814
	54815
	79879
Warren C H	19295
Warren D C	23765
	23786
	33113
Warren F	27685
Warren F G	62276
Warren F W	22870
Warren G F	990
	13646
	13976
	29295
	29433
	30622
	30623
	40197
Warren G L	28105
	37999
	46889
	55729
	55806
	55807
Warren H M	96025
Warren H W	79850
	80653
Warren J	41936
	80896
Warren J C R	91090
Warren J R	13817
Warren L J	26306
Warren L O	34213
Warren R	21419
	33479
	94284
Warren S W	19149
	19267
	27630
	37726
	55426
	71734
Warren W H	30382
Warren W T	42506
	59990
Warrick H	71512
Warrick L F	33949
Warrick W W	78617
Warrier R E	17107
Warrington P M	1073
Warsch W	50203
Warstat	55136
Wartburg H	3549
Warter H de G	28039
Warwick A J	41580
	75696
Warwick E J	32592
	51070
	76232
Wascher H L	58189
Waschnig H	55556
Washbon W E	4423
	67529
Washburn G E	6624
	34426
Washburn L E	32680
Washburn R G	15369
	15370
	63953
Washida K	72258
Washington Co-operative Farmers Association	88921
Washington Dept of Agriculture	73732
Washington Farm Electrification Committee	25547
	25548
	44355
Washington Forest Fire	41269
Washington	58870
Washington Institute of Agricultural Sciences	14760
	32002
	32073
	32134
Washington State College Bur of Economic and Business Research	53464
Institute of	4294
	33912
	37554
	41766
Institute of Dairying	17861
Nutrition Conference for Feed Manufacturers and Feed Dealers	22871
Poultry Council	23983
	51742
	76849
	76850
	92939
	93110
Washington State Dairy Council	17927
Washington State Dept of Health Rural Health Committee	79180
Washington State Feed Association	22871
	41766
Washington State Horticultural Association	48684
Washko F V	15496
	16109
	32805
	42241
	42242
Washko J B	29811
	59245
	73633
Waskow E	24313
Wasman S C	50925

	Item
Wasmuth G	37087
	56074
	56075
Wason E J	68472
Wass P B	35170
Wasscher J	2134
	9737
	13428
	21784
	30383
	73293
	90903
Wassenaar T	0353
	39568
	65222
	66669
Wasser C H	39569
Wasserburger H J	68734
	86097
Wasserman R H	84233
Wassermann T	17667
	36258
Wassermann A	54137
Wassermann O	87116
Wassing H	18719
	18720
Wassink E C	20424
	29434
	39211
	56943
	56944
Wasson R A	48559
	48560
	49792
Watanabe A	13818
Watanabe C	16929
	16931
	16932
	93815
Watanabe H	50231
	50443
	50634
Watanabe K	39562
Watanabe M	93550
Watanabe M I	60526
Watanabe R	14186
Watanabe S	78249
Watanabe T	26554
	26980
	50568
	50626
	50648
Watanabe Y	5065
	28239
	51743
Wataya T	0354
	88678
Watenpaugh H N	82762
Water Conservation and Irrigation Commission	58491
Waterer J W	18537
Waterer R R	83269
Waterfall U T	64241
	81046
Waterhouse A D	49944
Waterhouse D F	5905
	52842
	61250
Waterhouse W L	56572
Waterman A M	64522
Waterman A T	36081
Waterman H I	9659
	9690
	26981
Waterman M	90904
Waterman T H	60523
Waters D F	74951
Waters H	88303
Waters H A	23817
	88440
Waters H J	60134
Waters N F	84737
Waters R A S	74491
Waterschoot H	19079
	88549
Waterschoot H F	81458
Waterston A R	34679
Waterston D L	5724
	7684
	19199
	40904
	94442
Waterston J M	56547
Watkins H R B	20826
Watkins I von	74331
Watkins J L	26533
Watkins J V	40137
	72327
	74124
Watkins L A	12891
	73663
Watkins R W	83312
Watkins S B	24878
	74689
Watkins W E	4729
	32294
Watrous G H Jr	34937
	70027
	86934
Watson A	27584
Watson A J	3740
	32149
	39011
	59126
	75641
Watson A M	65272
Watson C Jr	67589
Watson D	69421
Watson D P	54966
	56702
	56945
Watson E S	80434
Watson G C	95575
Watson G I	49489
Watson G R	79113
Watson H C H	73416
Watson H H	7052
	34833
Watson I	23266
Watson J	93194
	12560
	22013
	29435
	57792
Watson J A C	38242
Watson Sir J A S	2846
	10939
	14009
	31041
	61714
	82916
Watson J R Jr	13972
	57989
	66029
	90905
Watson J S	11727
Watson Sir J S	73634
Watson L J	17259
	45250
Watson M	37134
Watson M A	578
	29033
Watson R B	16789
Watson R C	54589
	81201
	85000
Watson R D	595
	3896
	20425
Watson R F	82469
Watson R H	42508
	51802
Watson S J	3961
	26307
	46031
	62326
Watson W	282
Watson W F	95452
Watson W P	9238
	9239
	9240
	73635
	80243
Watson W W	63297
Watt A	50178
Watt B K	53416
	53426
	61725
Watt D B	51908
Watt Mrs D H	82470
Watt E G	89038
Watt F	90906
Watt I G	76502
Watt J A	96139
Watt J A A	67715
	68261
Watt J M	2510
	13647
	13648
	80911
Watt P R	76594
	84576
	92783
Watt Publishing Co	5538
Wattel M	21849
Watterson R I	33355
Watteville de	62440
Wattiez N	39261
Wattles W C	63643
Watts A V	2317
	8918
Watts B M	9455
	54604
	70892
	87749
	94517
Watts D T	43142
Watts G S	53321
Watts J G	77275
Watts L F	19668
	20731
	22391
	74813
	92030
Watts P S	4549
	23286
	67537
	76394
Watts R B	86673
Watts R M	51071
Waugh G L	75813
Waugh R K	4526
	15434
Wauschkuhn	62277
Wauschkuhn B	54013
Wauser	65793
Wauser G	21221
Wauthoz V	43482
	75128
Waveren G M van	42243
Wawrzyniak M	23033
Way G S	37451
	46204
	86390
Way J M	82382
Way M J	6019
Way W C	44840
Wayave M	11061
Waydbrink W von der	65359
Waygood E R	64887
	81548
Waymack W W	71922
Wayman O	84419
Wayne E A	9859
Wayne J E	94270
Wayt L K	4730
Waywell C G	21420
	91091
Waywell J	44789
	62055
	62278
	70282
	87117
	87118
Wcisło H	89883
Weadick G	67892
Weagley E	11061
Weakley C E Jr	23816
	51572
Weakley C E III	23787
	76719
Weall J A	39698
Wearne W R	25882
Weatherby E J	32766
Weatherby H	3468
	3523
	66832
Weatherby U F	28325
	47201
Weatherford M T	17211
Weatherhead T D	46580
Weatherley P E	56946
Weathers L G	81327
Weatherwax P	12680
	12681
Weaver B L	54543
Weaver B L S	42507
Weaver C R	6650
	16877
	61096
	68872
	94005
Weaver D E	21837
Weaver D S	34750
Weaver E P	38830
Weaver G S	42734
Weaver H A	21506
	40405
	74426
Weaver J W	70462
Weaver J W Jr	78505
Weaver L A	74125
Weaver L E	15764
	92940
Weaver L O	28818
	28961
	52779
	56378
Weaver L R	58392
	91378
Weaver N	16467
	77575
Weaver O T	45258
	62441
Weaver R J	29436
	73300
Weaver R S	16468
Weaver S	30384
Webb A D	53689
Webb A J	33872
Webb B	92505
Webb B H	8285
	17899
	53764
	54014
Webb C	90282
Webb C R	8329
Webb C R M	49232
Webb D A	12231
Webb D van V	86028
Webb E G	7141
	53043
	53095
	78506
	86303
Webb F R	2135
	57793
Webb H B	70040
Webb L J	73318
Webb M	58144
	66206
Webb P C R	60966
Webb R E	72771
Webb R W	26433
	36073
	79325
Webb T E	64327
	73520
Webber C R	17809
Webber H F P	79630
	94692
Webber M	10425
	85300
Webber M G	63198
Webber R D	2400
Weber	24879
	32806
	41464
Weber A	6020
	50552
	55335
	58945
Weber A D	79683
	84484
	92506
Weber A L	70028
Weber A P	64587
Weber C	8089
	74901
Weber C H	26251
Weber C L	46742
Weber C R	56754
	73661
Weber C W	53011
Weber E	33950
	52198
	62964
	68523
Weber E L	46784
Weber E M	15221
Weber F	8594
	13526
	72878
	72879
	72880
	72976
	72977
	72978
	72979
	73033
	73112
Weber G	60991
	93908
Weber G F	28720
	64499
	72748
	81244
Weber H	21475
	38952
Weber H W	40138
	65794

	Item
Weber J	76585
Weber J R	56947
Weber K F	71667
Weber M	13736
	21476
	66091
Weber N	1787
Weber N A	61142
	61143
Weber R	36449
Weber R O	94693
Weber T F A	47109
Weber U	20189
	30707
	82652
Weber W	19669
	51946
	89148
Weber W A	26755
	72438
	72439
Weber W H	79692
Weberbauer A	64161
Webre A L	79979
	95556
Webster A J	49109
	65795
Webster C B	20732
	31230
	48561
	73636
Webster C C	2511
	14010
	80846
Webster H D	67716
	68263
Webster J	90132
Webster J E	8679
Webster J G	62497
	70546
Webster J J S	19150
Webster L A	94583
Webster M M	64242
Webster O J	56456
Webster Mrs R	40139
Webster R H	74569
Webster R L	6079
	43275
Webster S H	25677
Webster W	2136
	68168
Webster W M	68222
Weck	18056
	62156
Weck J	32293
	31619
Weckel K G	17900
	17945
	17946
	18016
	28244
	54015
	62056
	70144
	78984
	87021
	87519
Weckermann F	6325
Wedberg S E	6528
Weddell J A	6499
Wedding R T	48119
Wedel O	69282
Wedgwood P	35700
Wedmore E B	52318
Wedrick C C	89683
Wedrick C D	2137
	40140
Wędrychowicz S	23665
Weed E	18017
Weed M B	66030
Weed R M	61057
Weeder K	375
	28819
	47459
Weekers E	33176
Weeks D	10567
Weeks D C	12442
Weeks J P	15940
	42836
	63033
	79880
	95421
Weeks L E	74443
Weeks M	31976
Weeks M E	13789
Weeks M H	77006
Weeks N S	65796
Weeks S B	6975
	19088
	80258
	95854
Weeks T E	570
	56609
Weeks W D	13070
	21785
Weeks W F	36967
Weeks Z E	88830
Weerdt E de	34153
	68589
Weese S J	62157
	86912
Weesner F M	17164
Weeth H W	76412
Weeth W W	68590
Wege	70765
Wegelin E	26252
Wegelius T	3741
Wegelt W	41465
	91980
Wegenaar C	38578
	47360
Wegenaar C J	44159
	56417
Wegener	83220
Wegener F	70283
Wegener J B	8919
Wegener K	48120
	56669
Wegener K H	24314
Wegener W	8595
	18174
	36082
	94961
Weger E	54239
	82917
Weger N	38289
	40433
	90573
Wegmann F	52333
	77576
Wegner E E	59397
Wegner H	79526
Wegner W	50964
	61671
Wehing R M	39570
Wehmeyer	59604
Wehmeyer L E	11613
	47352
	81124
Wehmeyer W	4829
Wehr E E	68051
	84925
	93500
Wehrli E	86016
Wei C T	47601
	82688
Weiant E A	17131
Weibel D E	17059
	25084
Weibull G	49110
	49111
	55871
Weibull N	95557
Weichel E	78507
Weichel W	70284
Weichlein R G	56866
Weick F E	69369
Weidel W	38789
Weidemann D	9581
Weidenbach F	40391
Weidenhagen R	46032
Weidenmüller H	23984
	59398
Weidhaas J A Jr	68802
Weidler G	14841
Weidner	94211
Weidner E	68473
Weidner G	36320
Weidner H	34723
	61251
	68473
	68907
	72214
	85433
Weidner J P	83598
Weidringer	32881
Weier T E	23135
Weigand	37039
	95587
Weigand F	22441
Weigandt H N	71954
Weigel C A	1021
	26540
	36228
	93501
Weiger	3584
	41356
Weigert H	86484
Weigl J W	1073
Weigle C G	11674
	38585
Weigle R N	16046
Weigt	18018
Weigt E	55619
Weihing R M	29812
	39571
	48562
	49793
	90444
Weijer L	91357
Weil C S	11760
	38658
Weil J K	62961
Weil S	80365
Weiler	6021
Weiler F	12501
	52999
	86192
Weiler W	34642
	57620
Weiler W G	63821
Weill J	16657
Weimarck H	11427
	38490
Weimer J L	64474
	81305
Weinberg H	23385
Weinberger J	13542
Weinberger J H	1022
	73848
	89564
Weinberger P	31548
Weiner L I	26326
Weiner R	68786
Weinert R	6830
Weinfurtner F	7840
Weingarten	41474
Weingarten H	31947
	75475
	83522
Weinhold W	91993
Weinig J	83221
Weinland H A	24715
Weinman C J	5970
	34209
	93520
	93729
Weinmann H	1023
Weinnoldt	91464
Weinreich C F	8330
	54016
Weinschenck G	10225
Weinstein B R	17947
	62272
	62273
Weinstock A	26756
Weinstock M	5539
	15851
Weinthal F A	12038
Weintraub J	93730
Weintraub M	38956
	56587
	64547
	72841
	89739
Weintraub R L	48121
	56948
	81540
	81689
Weinzierl R	77993
Weipers W I	15609
Weippert G	72009
Weippert H	76954
Weir C E	87755
Weir F J	12931
	57794
Weir H L	39513
Weir I B L	51374
Weir J R	3096
	75796
Weir T	53690
Weir T S	48730
	48766
Weir W C	15991
	32627
Weis A	46990
	47009
	55910
Weis A E	38147
	46988
Weis G	9242
Weis R D	33646
	60392
Weis-Fogh T	6857
	19670
	94164
Weischer F	43089
	76664
Weise	72947
Weise F	658
	7142
	48563
Weise H	51434
	76610
Weiser J	68716
Weishaupt C	72408
Weisner M	39212
Weiss	3550
	3649
	31505
	31546
	80244
	87681
	88831
	88832
	95917
Weiss A	8751
Weiss B	75094
Weiss E	95286
Weiss F	10226
	26437
	27585
	44887
	65665
Weiss F A	11728
	47460
	74126
Weiss F J	89101
Weiss G	15620
Weiss G S	28341
Weiss H	8410
	9140
	36450
	62757
Weiss H B	34300
	43143
	60524
	60525
	77183
	85882
Weiss H S	42718
	42719
Weiss I	72150
Weiss J	7841
	43247
	79228
Weiss K	22781
	23386
	59740
	76413
	77577
	84420
	85536
	93690
Weiss K E	23387
	93835
	83836
	92268
	92739
Weiss K H	76625
Weiss M	8596
	88833
Weiss M G	1512
	20252
	29743
	73661
Weiss R	31675
	64875
Weiss W	59252
Weissenberg H	25906
Weissenberger G	45709
Weissenborn K	38633
Weissenhofer-Pöchhacker V	51744
	68169
Weissflog H	84557
Weisshaar	46431
Weisshuhn A	73734
Weisskopf W	7648
Weitekamp	74402
Weitekamp H	91902
Weith A J	79891
Weits J	15125
	83807
Weitzel G	60185
Weitzell E C	7396
Weitzman S	14633
	75193
	91971

	Item
Wekre E	7947
	35669
	94740
	96221
Wel R A van	83036
Welch B	72357
Welch C D	2586
	21538
	21741
	58126
	74467
Welch Jr C	37898
Welch C L	17260
	17261
	43248
Welch E A	79692
Welch E G	49945
	50001
	91465
Welch E V	16754
Welch F J	27790
	34750
	55272
	71495
Welch G B	40605
Welch J	87519
Welch J E	557
	49233
Welch J F	38634
Welch P S	56318
Welch R C	69870
	78943
Welch R F	8411
	53752
Welch V	36599
Welch W	30385
Welch W H	11534
	11552
Weld L H	6744
	78053
Welden A L	11614
Welden W C	70176
Weldon G	48731
Weldon H S Jr	9582
Weldon M D	21786
	21787
Weldon M M	10828
Weleczka	17312
Weleczka J	86238
	86239
Welin-Berger H	44383
Welker K	77578
	77579
Well G H	88634
Welle A	35862
Wellensiek S J	20829
	48685
	64702
	81458
Wellenstein G	6500
	33913
	38243
	58493
	77276
	93502
Weller B E	88925
Weller L E	29357
Weller R A	93163
Weller W	94271
Wellhausen E J	1270
	13652
	39633
	81517
Wellinger J	49378
Wellington B	38635
Wellington P S	79914
Wellington R	1856
Wellington W G	25024
	61252
Wellman F L	11948
	11949
	12039
	38767
	89684
Wellman H R	17647
	27236
	61834
Wellman R H	11950
	96189
Wellmann G	33755
	43740
	93503
Wellner C A	75158
Wells A Q	74127
Wells A W	70671
Wells C B Jr	70285
	87119
Wells C M J	26438
	36083
Wells C W	67899
Wells D G	12683
	73467
Wells E B	84554
Wells H D	38553
	72791
Wells H W	10559
Wells J	66783
Wells J A	27364
Wells J C	283
	376
	38553
Wells J S	2138
	12945
	39699
	49112
	49113
	57795
	65312
	65797
	86444
	90540
Wells L	4731
	37906
Wells L F Jr	24938
Wells L M	21222
Wells O V	27586
	53404
	55272
	63458
	80245
	88375
Wells P A	9372
	9373
	53437
Wells R D	36084
Wells R W	51250
Wells S D	3742
	14942
	22672
	32105
	50569
	67177
Wells T	83403
Wells W	53847
Wells W G	2847
	49794
Wells W N	45316
Wellwood E V	3775
Welo L A	62442
Wels	20871
	65360
Welsh F	26902
	26903
Welsh M	85250
Welsh Agricultural Organisation Society	63822
Welsh Land Settlement Society	95894
Welsh Pony and Cob Society	15662
Welte E	34981
	77793
Welty F	46558
Weltzien W L von	55336
Welvaert W	11615
Wely A van	8811
	18840
Welz O	79181
Weman N	36968
Wemmert N	66031
Wenck	48732
Wenck F	21788
	39763
	39853
	48733
	65361
Wendel R	90216
Wendel S	34643
Wendelberger G	50366
	56670
	56671
Wendelbo P	47210
	49326
Wender S H	30510
	36154
Wendkos J	79761
Wendling L T	25497
Wendorff	41300
Wendt E	34811
	44061
Wendt K F	10829
Wendt von	32260
Wene G P	24429
	34210
	34388
	34724
	36162
	36240
	52687
	69049
	81195
	89557
Wenger H	76142
	92507
Wenger R	36975
Wengert N	10606
Wenig A	62765
Weniger J	83753
Wenk	20872
Wenkel F	64398
	89565
Wennblom R D	7261
	30738
Wenner H A	23288
Wenner L	79566
Wenninger H	67590
Wenninger W C	82471
Wensinck F	75960
Wensleydale Longwool Sheep Breeders' Association	60334
Went F W	29116
	30624
	89802
Wentworth B	25601
Wentworth E N	9243
	92508
	95287
Wentworth J A D W B L Baroness	76672
Wentworth W A	8090
	26027
Wentz P E	18564
Wentzel	75129
Wentzel F	60748
Wentzel L M	84391
Wentzell K F	41261
Wenzel	46397
Wenzel F W	8920
	36301
	45461
	79428
	87427
Wenzel G	86017
Wenzl H	513
	1024
	12040
	19959
	20107
	28820
	36142
	38768
	48122
	56457
	56458
	56459
	64523
	74228
	81202
	81306
	94006
Werckmeister P	16933
	65798
	81731
Werenskiold B	19586
	47008
Werenskiold B Q	55935
Werff W C van der	7524
Werfft R	29437
	81732
Werkman E J	50240
Werkman N F	67527
Werle E	43366
	50926
	87520
Werneck F L	25148
	78296
Werner	33552
	91770
Werner A	91146
Werner E	46033
	67039
Werner F	26555
Werner G	70392
Werner G M	4523
	23267
	42105
Werner H	83270
Werner H O	5298
	81733
Werner K	45986
	71513
Werner O	2318
Werner R	17690
	86823
Werner R J	62175
	79084
Werner R T	70100
Werner von	19072
	19252
Werner W M	25254
	46743
Wernet K F	31506
Wernham C C	72615
Werr J	19151
Werren F	59037
Wertman F L	57346
Werts A W	38117
	88991
	88998
Wertz V R	37072
Weschke H J	95511
Weschke K H	95511
Wescott L B	79085
Weseloh H J	11017
Wesley W K	61280
Weslien J	75185
Wessel F W	73382
	73733
	78379
Wessels	71060
Wessels D G	49626
Wessels F W	91580
Wessels H P	23388
Wessels N G	24133
	70488
Wessels-Holtmann	79881
Wessely K	40946
	50054
Wessen V	27883
Wessetz G	60293
Wessinger L C	26621
Wessler L	34944
Wessling D R	18891
West A B	31174
West A S	43620
	43621
	43741
West C	8869
	73330
	87521
West C H	13527
West C J	54915
	83630
West D	20608
West D B	25883
West D W	38491
West E	59729
West G	65039
	67426
West G A	86674
West H I	18548
	21789
	21790
	40745
	54220
West H W	69753
West J	40379
	43249
West J L	84926
West J W	23887
	60108
West M F	29813
West O	19789
	39572
	48564
	65223
	65224
West P H	22673
West R	30386
West R F	22137
West R L	41908
	83963
West S Y	38060
West V I	9498
	26982
	36758
West W	25086
West W L	34650
West-Nielsen G	14572
West African Cacao Research Institute	66092
West Bangal Directorate of Agriculture	96190
West Bengal Directorate of Forests	41075
	75095
West Bengal Provincial Statistical Bur	17663
	25765
West Coast Lumbermen's Association	3656
	22608
	31851
	31852
	32030
	35053
	50414
West Punjab Board of Economic Inquiry	26915
	27249
	54118
	54177

	Item
West Scotland Agricultural College	61409
	61410
	72912
	88834
West Virginia Academy of Science	80745
West Virginia Dept of Agri-	11224
	18749
West Virginia Dept of Agriculture	71110
West Virginia Farm Women's Clubs	10934
West Virginia Horticultural Society	65313
West Virginia Pulp and Paper Co	14943
Westberg F	18279
Westberg F H	36130
	54303
Westberg J E	14944
Westberg J K	15126
Westbrook E C	63182
	88128
Westbrook F A	7948
	26253
Westburg F H	54302
Westcott C	30387
Westcott E R	18898
	35426
Westcott G W	18980
	71514
Westenthanner S	60291
Wester H V	48123
	73194
Wester R E	2319
	30403
	48100
	82535
Westerberg K	7278
	35171
	61629
Westerberg K W	7163
	9141
	17445
	35054
Westerdijk J	28326
Westerfield C	42448
Westergaard M	56739
	73172
Westergren S	44325
	69457
Westerholt F Graf von	32681
Westerlund A	4208
	42244
	92358
Westerman B D	45729
	55948
	89070
Westermann H	71999
Westermarck H	84717
	92864
Westermarck N	10830
	46443
	74667
	95881
Western H N	95042
Western Australia Dept of Agriculture	80318
Western Australia Forests Dept	41076
Western Australia Statistician's Off	7685
	7686
	25766
	35434
	69754
	94628
Western Australia University	70416
Geographical Laboratory	7428
	10096
	31269
	36125
	37713
	62479
	62780
	63387
Western Canadian Society of Horticulture	12946
Western Canadian Weed Control Conference	49327
Western Farm Economics Association	55008
Western Forestry and Conservation Association	50110
Western Grain & Feed Association	45591
Western Livestock Reporter	9244
Western Pine Association	58944
Western Regional Agricultural Experiment Stations Technical Committee	87305
Western Reserve University Biological Field Station	57796
Western States Meat Packers Association	36625
	45730
	45731
Westerneng R	94147
Westervelt W M	2139
Westfalisch-Lippischer Landwirtschaftsverband	72010
Westfeldt G A	89374
Westgaard P	84485
Westgate P J	29438
	73301
Westh T C	44384
Westhoff V	11423
	38880
	64055
Westlake W E	70766
	93453
Westling L L	7525
Westmoreland W G	30563
Weston D	4524
	37624
Weston I W	80246
Weston M	51351
Weston W A R D	64524
Weston W A	64782
Weston W H	514
Westover K C	30487
Westphal	53848
	70101
Westphal A	60186
	67835
Westphalen	91728
Westra H L A	83037
Westralian Farmers Co-operative	28106
Westre K	8191
Westrup J P	2140
	2141
	21828
Westveld M	83378
Westveld R H	22273
	31383
Westwood M	79636
Weswig P H	75881
Wet H de	70489
Wetherby L	32977
Wethern J D	67215
Wetlesen C U	59085
Wetmore R H	65
	90170
Wetter C	56949
	64652
Wetterhall H	10227
Wetterlundh S	83976
Wettling C	27047
Wettly J	54841
Wettstein L	8246
Wettstein O	85702
Wettstein W	31373
	31547
	41129
	48124
	66885
	66930
	74668
	75352
	83137
Wetzel	2848
Wetzel A	31042
	49795
Wetzel C M	43144
Wetzel R	4209
	5808
	51278
	67927
Weurman C	57554
	81782
Weweler J	61490
Wewers E	7949
	8150
	9973
	37073
Wexelsen H	1478
	12232
Weybrew J A	54942
Weyer F	68347
	94212
Weyerhaeuser F K	31853
	75407
Weyers H	5096
Weyers H A	28204
Weyerts P R	23034
Weyl	51279
	67427
Weyl A	23389
	23390
	23391
Weyl V E	33914
	80746
Weymuth H	41077
Wezer A van	66445
Whaley F R	11951
Whaley W G	23136
	81518
Whalley H C S de	63142
Whalley T G	95558
Whallon A P	52334
	58056
	63143
Whan T	45683
Wharton G W	16490
	24716
	43371
Wharton M F Jr	91466
Wharton M V	34745
Wharton P	5121
Wharton R H	6625
	24911
Whatley F R	1074
	1075
Whatley T J	95827
Whatman C P	58219
Wheadon E A	49234
Wheat J D	4732
	15610
	32807
	41909
	76414
Wheatley G A	24974
Wheaton E	53526
	69707
Whedbee W L	63183
	88129
Wheeldon F W	18485
Wheeldon L W	55949
Wheeler A C	67428
	75961
Wheeler A E	88869
	96050
Wheeler A G	43367
Wheeler A N	61411
Wheeler E H	16251
	43483
	43860
Wheeler E M	63459
Wheeler G C	6745
	78054
	94043
Wheeler H E	12209
	23189
	64453
	72695
	90133
	90134
Wheeler J	6745
	78054
	94043
Wheeler M	46059
Wheeler M M	11510
Wheeler M R	60992
	60993
	60994
Wheeler P R	41150
	66902
	91796
Wheeler R S	44281
	45911
Wheeler S S	4389
	19184
	51059
	51060
Wheeler W A	1479
	12838
	12839
	20733
	81820
Wheeler W C	25716
Wheeler W H	39078
Wheelock E	61548
Wheelock H J	37177
Wheelwright W B	3743
Whelan R F	15169
	15709
Whelan W J	53420
	73315
Whelbourn H	7552
Whelden H C Jr	42628
	51577
	71061
Wheldon R W	19152
Whellan J A	52588
Wherry E T	11511
	89388
Whetstone R R	23929
Whetten N L	10536
	27906
Whewell C S	87231
	94923
Whiffen A J	29439
Whiffen N A	54174
Whiffin H J	28821
Whipp A A	6693
Whipple S R	45394
	70602
Whisler M L	13414
Whisler P A	92238
Whistler R L	87682
Whitaker C H	95011
Whitaker D R	20475
Whitaker E M	27319
Whitaker J	5017
Whitaker J C	65479
Whitaker J R	74902
Whitaker T W	13450
	47869
	57817
Whitby G S	9617
Whitby H	64070
Whitby K T	87683
Whitcomb E H	15992
Whitcomb G	51074
	92509
Whitcomb G W	7951
	17863
Whitcomb W D	52494
White A	55733
	70560
White A A	3800
White A H	35697
	70286
	79114
White A L	64865
White A N	24429
	34210
	34724
	43937
	52687
	61321
	81195
	89557
White B	95206
White B S Jr	36219
White C E	34482
White C T	38492
	47067
White C W	13649
	70767
White D	31814
White D B	74128
White D E	3803
	35878
White D F	75535
White D G	1684
	29440
	47976
	48125
	57485
	82170
White D L	28822
White E B	17108
White E D	18176
	26622
	34750
	45259
	53577

	Item
White E E	14552
	75687
White E J	53471
White E L	1076
White E P	68236
White F A	11632
	12275
	89980
	90607
White F E	62852
White F H	1544
White F T	14825
White F W	38000
White G F	54175
White G L	8331
	40317
	66032
White H	13888
	72081
	84151
White H E	49114
White H F	20704
White H H	48523
	57076
White H M	96074
White H P	4525
	27587
	39573
	57347
	66588
White H R	18019
	32594
	96069
White I	64525
White I H B	9974
White J A	42027
White J B	27588
	45298
	69146
	95777
White J C	8225
	30625
	38190
	94741
White J F	15852
White J H	34389
White J R	85928
White J W	17462
	19268
	35250
	35275
	37729
	44261
	78596
White J W Jr	9146
	85483
White L	9189
	62483
White L C	19453
White L R	23550
White L S	8680
White L T	19960
	28823
White M	9691
	12715
	29666
	38115
	39433
	51853
	80051
White M D L	54723
	54724
	62917
White M F	79832
White M J D	16162
	25108
	25109
	34681
White O E	85800
White P G	59393
	59400
White R	81307
White R G	25964
	83720
	85171
White R W	59710
	59741
	94070
White T	27223
	50580
	83643
White T B	34324
White W	51466
White W A	7842
White W B	78785
White W C	48565
White W H	2142
	28824
White W J	55337
	64908
	65225
White W L	28721
	81308
White-Stevens R	45912
	68171
White-Stevens R H	42629
White Russia Ministerstvo Sel'skogo Khoziaistva Upravlenie Sel'skokhoziaist-vennoi Propagandy	31320
Whitehair C K	85077
	93238
Whitehead E I	81761
	81763
Whitehead E L	49796
Whitehead F E	34427
	43622
	61028
	89039
Whitehead F H	47733
Whitehead G B	60796
	93504
Whitehead G K	15246
	23472
	23473
	32882
	42317
	51352
	59541
	92715
Whitehead H R	8019
	87120
Whitehead J K	70705
Whitehead L C	64004
Whitehead M D	72776
Whitehead S B	2143
	13429
	24668
	46977
	63954
	89040
Whitehill A R	47517
Whitehouse F	38502
Whitehouse H L K	726
	38967
Whitehouse M	72352
Whitehouse W E	13137
	28475
	72328
Whitehurst J	46772
Whitely F A	7843
Whiteman D C	80451
Whiteman R	19190
Whiteman T M	8921
	54401
Whiteside A G O	48272
	73357
Whiteside E P	66226
Whiteside G	14918
Whiteside H W	74229
Whiteside J M	6501
Whitfield C J	82558
Whitfield F G S	85470
Whitford C	47009
Whitford K	12107
Whitford P	12107
Whithed M O	17282
Whiting A R	34546
Whiting F	51813
	51814
	85091
	85092
	93150
Whiting G	33279
Whiting G C	18177
Whiting P W	34547
Whitlatch N	45684
Whitlatch N C	55432
Whitlock G P	22872
	32295
Whitlock H V	5699
Whitlock H W	30841
Whitlock J H	4210
	51835
	85135
Whitlock M C	64064
Whitlock R	12684
	15331
	15497
	23177
	32883
	45260
	50145
	55571
	83977
	92359
Whitlow S	72225
Whitman A M	18178
Whitman G B	48203
	88528
Whitman L	24898
	55738
Whitman L B	28040
	80543
Whitman W C	3962
Whitmore J S	64082
Whitmoyer C W	8412
	33480
	36838
	42837
Whitnall A B M	24430
	60796
	94007
Whitnall J	8906
Whitnall J R	25307
Whitney E	17476
Whitney E N	45299
Whitney G F H	85470
Whitney J C	79718
Whitney R M	79049
	79050
Whitney R P	22674
Whitney R S	66189
Whittaker C E	60376
	14011
	31043
Whittaker E C	65447
	73849
	82234
Whittaker E M	46145
Whittaker H	2320
Whittaker R H	33825
Whittaker V P	15399
Whitted G B	3164
Whittemore F W Jr	6022
Whitten L K	23985
	51854
	84421
	85111
Whitten M E	95359
Whittenberger R T	18350
	70591
	70672
	79375
Whittet J N	57040
Whittier E O	18495
Whittingham C P	20362
	39213
	56950
	64866
	89935
Whittinghill M	6577
	34390
Whittle P	32320
Whittle T	85001
Whittle T E	5277
	5278
	5279
	15941
	37625
	42838
	51598
	93111
Whittles C L	2549
	13978
Whittleston W G	15550
Whittlestone W G	17283
	69175
	75962
	77127
	77128
	77129
	78402
Whitworth E V	85035
Whitworth J W	57926
	57927
Whorton W J	14238
	35140
	42568
	45125
Whyle J	14239
Whymper R	71160
	86824
Whyms	2144
Whyte J N	78474
Whyte R O	659
	1480
	8413
	69147
Whytlaw G G	95012
Whitwell J C	79299
Wiancko M R	91092
Wiant J S	12502
	26516
	45339
	62524
	62604
	62647
Wiant J S	87415
	87434
	87482
Wible R C	14445
Wibmer H	86247
Wibstad K	75443
Wichers A J	38578
	44159
	56417
Wichers H E	17481
	52917
Wichers P J	56460
Wichmann B D A	18825
Wicht C L	31175
	31176
Wicht W W	34154
Wichtmann H	58153
Wick A N	69631
Wickard C	61669
Wickard C R	7397
	25549
	25550
	25570
	35172
	44356
	53345
	61687
	63823
Wicke P A	92510
Wickenden H	7143
Wickenden L	1857
Wickens R	44703
	44704
Wickerham L J	56755
Wickham V	49115
Wickizer V D	17810
Wicklund R E	21588
Wickop W	69409
Wicks M N	48734
Wickstrom G	2706
Wickstrom G A	49797
Wicktor C E	23392
	80319
Widbielke	88242
Widdas W F	16029
Widder F	73302
	73345
Widdifield R B	37909
Widdowson E M	96110
Widell S	86282
Widger W K Jr	38290
Widjeskog I	18527
	19153
	45646
Widmann M	14240
Widmer A	78944
Widmer J	68172
Widt R de	17262
Widt R A de	69148
	78569
	86283
Wiebe G	7027
Wiebe G A	34335
	72753
	81896
Wiebe H H	73303
Wiebe J	38325
Wiebers J E	33290
Wiebosch W A	82484
Wiechelt	1132
Wiechers S G	86940
Wiede	66033
Wiedemann E	64847
Wiedemann M	20102
Wieden F	76720
Wieden K	8020
Wiederholt W	58971

	Item
Wiederhorn N M	87756
Wiedermann J	67178
Wiegand E H	78842
	95142
Wiegand H	78670
Wiegers H L	76711
Wiehe P O	28825
Wiehle H	93728
Wiehler	25706
	35281
	36545
	37130
	53753
	69607
Wiehr R	18020
	87121
Wiel E van de	10229
Wiel P van der	19671
	34301
Wielen H G W v d	2665
	10579
Wieler E	7053
	33481
Wieliczka Z	22363
	22364
Wieman J	20118
Wieman J S	73735
Wieman R L	12503
	12561
	12562
Wienand E B	86193
Wiencke V	35794
Wieneke R	29921
Wiener A S	87757
Wiener F	6949
Wiener G	76143
Wiener S	79631
Wiener W T G	64950
Wienhues F	38742
Wiens H J	29520
Wientjes J F	46949
	55872
Wientjes J W	57902
Wiering H	94044
Wieringa K T	22023
Wiernik D	35592
Wiersema J K	78570
Wiersma J H	13814
Wiersma J L	91467
Wiersum L K	40380
	56951
	56952
Wiertsema P	25371
	61385
	69219
	78489
Wiese	10831
Wiese A C	28230
	33223
	33224
	45715
	60427
	77081
Wiesehuegel E G	92080
Wiesen G W Jr	19457
Wiesendanger A	22717
Wiesendanger H	32808
	61412
	79182
	88441
	94742
Wiesenhofer F	57486
Wiesenmüller F	36451
	79632
Wieser G	22873
	42630
	51760
Wieser K H G	14856
Wieser R F	31657
	58683
Wiesheu	52495
Wieslander A E	66242
	75200
Wiesmann E	4175
Wiesmann P G	23602
Wiesmann R	77913
Wiesner E	51995
	76415
	84152
	84422
	85223
Wiesner G	73304
Wiesse M	18179
Wiessmann H	38191
Wiessner W	77130
Wiethe H	41715
Wieting C M	39001
	46909
	55809
	72011
Wietmann F	56281
Wiewgorra	73763
Wigersma J H	6326
Wiget E	76503
Wiggans C C	30388
Wiggins I L	179
	180
	19647
	56188
	72215
	72329
Wiggins L F	46034
	57389
	71118
	71120
	71146
	71147
	71161
	71162
Wigglesworth V B	6023
	6694
	24357
	33915
	68381
	85303
	93348
Wigglesworth V G	33915
Wight J	35698
Wight M	79381
Wightman A J	61253
Wightman F	64842
	65479
	81541
Wightman R	20517
	75993
	80247
Wigman A B	66983
Wigocki L	32428
Wiidakas W	57151
Wiidik R W	68348
	93274
Wiinstedt K	95
Wijden L v d	39854
Wijenaike E M	55137
Wijesundara D P	16790
Wijesundera S	17159
Wijewantha R T	15399
	81047
Wijk C J van	34911
	44159
	56417
Wijk C L van	13841
	17313
	21607
	30842
Wijk J van	88385
Wijk P J	4980
	5540
	7398
	15647
	23542
	76926
Wijk R v d	12188
Wijk W R van	31044
Wijn J F de	63925
	96145
Wijnen van	45126
Wijnen A van	96075
Wijnhamer P T	59016
Wik R M	35188
Wik T	87912
Wikberg E	56953
Wiken T	35593
	35594
	48126
	56954
Wiklander L	28373
Wiklund H	32031
Wiklund K	12840
	27089
	29814
	94340
Wiklund O	9692
	27173
	27174
	71163
Wikström H	46894
Wikstrom J H	50609
Wilamowitz T von	90460
Wilbaux R	26983
	71008
Wilber H C	54544
Wilbur D A	94050
Wilbur J W	4526
Wilbur W D	47373
Wilcher T S	37150
Wilcke D E	82736
Wilcke E	70287
	87122
	87123
	94882
Wilcke J	181
	43742
Wilcke H L	24083
Wilckens	22178
	41155
Wilckens H A	91581
Wilcock B	5541
Wilcox B	10832
	37721
Wilcox C G	67322
	83808
Wilcox E B	11149
	36619
	47010
	55950
	92239
Wilcox E C	8091
	53849
	54021
	74129
Wilcox E V	63544
Wilcox F P	70102
Wilcox F R	10946
	45374
	46074
	46895
Wilcox J C	3004
	83038
Wilcox L	17109
Wilcox M S	36268
	47932
Wilcox R A	33213
Wilcox R F	22232
Wilcox R G	69606
Wilcox R W	46839
	46896
Wilcox W W	27248
	27589
	71515
Wilcoxon F	26898
Wilczek R	122
Wilczynska H	23212
Wild	70103
	70145
Wild A C	8597
Wild A J	90907
Wild E	77580
Wild F	92986
Wild H	94148
	94962
Wild R	25255
Wildasin H L	79052
	94759
Wilde M H	28616
Wilde S A	22675
	82918
Wilde W G	55338
Wildeman H A	8752
	88167
Wilden B	77581
Wilder H F	4874
	59880
	67854
Wilder H K	25689
Wilder O H M	3936
	15127
	23888
	32296
	51599
	59253
Wildey H	23986
	60187
Wildhaber R	61334
Wilding J L	67429
	67925
Wildman S G	12025
	73341
Wildrick & Miller	19073
Wildschut A J J	33482
Wileden A F	46897
Wilén L	49911
Wiles A B	20113
	38790
	64526
	72792
Wiles A E	94694
Wiles J E	6950
Wiley A J	3767
	22676
Wiley A L	14279
Wiley E W	47080
Wiley J R	5397
	45685
	45700
	51663
	68093
	76851
Wiley R H	9493
	9500
Wiley W H	61609
	76764
Wilford E J	26904
	60446
	68284
Wilgus H S	23854
Wilhelm	6024
	6400
	68474
	77277
Wilhelm A F	81734
Wilhelm L A	63034
Wilhelm S	2625
	3107
	38769
	40910
Wilhelm S N	13779
Wilhelmi G	81656
Wilhelmi T	50283
	83336
Wilhelmj C M	4931
Wilhelmson R	61681
Wilhelmsson R	86194
Wilk E	44012
	73383
	88922
Wilke	46431
Wilke A	85185
Wilke C F	4960
	15627
	42408
Wilke K D	15031
Wilken C	9259
	61835
Wilken P H	9499
	9500
Wilkening E A	28108
	88711
	95830
Wilkens	24339
	24340
Wilkens R	60447
Wilkerson F	93108
Wilkey R F	52907
Wilkie G D	8414
Wilkin G D	20450
Wilkins D	70029
Wilkins H F	41910
	50927
	59401
	83978
	83979
	83980
	93275
Wilkins M J	12442
Wilkins O P	34428
Wilkins P	44589
Wilkins S J	5542
Wilkins W H	56173
	89212
Wilkinson E H	11952
Wilkinson G	91468
Wilkinson G L	58492
Wilkinson G M	3524
Wilkinson J F	39000
Wilkinson P R	6626
	52607
Wilkinson R A	9693
Wilkinson W	52473
	93816
Wilkoff J	7526

	Item
Wilkowske H H	8021
	70288
	79119
	86935
	87124
Wilks T N	82089
Will	45592
Will F	6025
Will P	6327
Will R	21223
	50389
Willacy R G	14012
Willam A	1025
Willaman J J	6010
	33936
	33937
	37004
Willamo H H	22685
Willans K W	3650
Willard C J	2408
	12841
	29815
	30628
	30627
	38636
	40318
	57922
	57990
	65949
	73637
	74332
Willard H H	68524
Willard H S	76159
Willard M	15551
Willaume F	515
Willaume S	56461
Willcox O W	2849
	40435
	71164
	74669
	88101
Wille F	59017
Wille H	23502
Wille J B	24782
Wille J E	43861
	65960
	77278
	80747
Wille R	4424
	23178
	23179
	32429
	59742
	92511
Wille T J E	43250
Willeke L	11419
	11420
	72331
Willems A	68317
Willems R	4211
	41793
	41911
Willemsen W	12756
	63545
Willenberg W	46035
Willers E H	92327
Willett E L	3820
	67717
Willey F T	70584
Willey Mrs P J	40141
Williams A C	10355
	44013
Williams A E	64909
	79527
	85434
	95462
Williams A H	81754
	90284
Williams A T	38637
	38638
	60737
Williams B	60498
Williams B H	66245
Williams C	10833
	13430
	46615
	47132
Williams C B	17110
	24358
	52843
	85335
Williams C F	69422
Williams C G	8753
	72616
Williams C M	33827
	34347
	34566
	34623
	34633
	34639
	60526
	61228
	86018
Williams C W	61784
Williams D	45862
Williams D B	37555
	37556
	79536
Williams D D	34391
	85788
Williams D E	48639
	66190
Williams D H	16122
	64399
	66446
Williams D O	37040
Williams E	76144
Williams E B	45040
	45041
Williams E C Jr	16515
Williams E G	2598
	14013
Williams E G C	90908
Williams E I	32752
Williams E J	15016
	50612
	83686
Williams E O	44485
Williams E W	7653
	7654
	36302
	44613
	45732
	94614
Williams F	57944
	61218
	66034
Williams F H	11225
	89102
Williams F M	78802
Williams G	69458
Williams G C	43484
Williams G J	44524
Williams G L	51793
Williams G M	19422
Williams H Jr	47664
Williams H E	17811
Williams H H	5126
	68305
	85195
Williams H J	79528
Williams H M	9583
	9584
	9585
	18721
	63035
	71062
	95422
Williams H Y	19456
Williams I	71092
Williams I L	36810
Williams J	46864
	54518
	96027
Williams J B	15359
	15387
	76236
Williams J C	76757
Williams J H	29198
	47517
	71161
Williams J R	6502
	6503
	6746
	63184
Williams K	7844
	61630
Williams K T	9142
	20476
	69571
	69572
Williams L	58684
Williams Mrs L	46898
Williams L B	87428
Williams L F	47870
	73661
	92641
Williams L G	29441
Williams L L	65799
Williams L O	13431
	19850
	28619
Williams L R	8754
	79464
Williams M	49586
	48567
	65226
	73638
	91358
Williams M H	78380
Williams M J	56076
	56077
	56078
	56079
Williams M T	46540
Williams O B	25607
Williams O G	39574
Williams O M	24892
	42631
Williams P	74130
Williams P S	70323
	70324
	79205
	92568
Williams R	26116
	82919
Williams R C	47665
	96028
Williams R D	69828
Williams R E	57348
	91903
Williams R G	94299
Williams R H	516
	6951
	49798
	69504
	88529
Williams R O	61996
	92383
Williams R R	19587
	54545
	55951
	80676
Williams R T	34671
Williams R U	21224
Williams R W	16755
Williams R W M	75261
Williams S	23268
	42106
	42107
	51075
	59433
	70490
	70491
	82090
Williams S B	15983
	33553
	68231
	76975
Williams S S	57349
Williams S W	80248
	86898
Williams T	5543
	45462
	69721
	75523
Williams V J	16029
Williams V O	19705
Williams W	73639
Williams W B	91522
Williams W E	45647
	54590
Williams W G	14241
Williams W L	32682
	67270
Williams W O	29436
	49328
Williams W R Jr	5398
	42569
	76721
Williams W T	12563
	56955
Williams-Ashman H G	16284
Williams-Ellis A	44411
Williamson A P	5294
Williamson C E	12842
Williamson C T	43623
Williamson D O	15992
Williamson E B	57166
Williamson G A	37592
Williamson G E	92716
Williamson G Y	59605
Williamson H	3744
	14945
Williamson H F	9586
Williamson J	65227
Williamson L J	78671
Williamson M	25280
Williamson M B	19074
Williamson N N Jr	37247
Williamson R E	64742
Williamson R L	5848
	10834
	85260
Williamson V J	39923
Williamson W F	7845
	25884
Williamson W T H	49383
Willians H B	61254
Willich R K	36759
	71003
Willies F G	5567
Williford J S	14842
Willimott S G	9548
Willinger H	33729
	33756
	51996
Willink A	34548
	61144
Willis A W	14014
Willis E R	16624
	34278
	52820
	52861
	68798
	69015
	93929
	93930
Willis E S	17263
Willis J B	26479
Willis J H	72330
Willis J L	56722
Willis N R	12798
Willis P S	25603
	35219
	69608
	78768
Willis T E	51381
Willis T G	49329
Willison R S	47666
	47667
	89739
Willits C O	7485
	69559
Willits F P Jr	53754
Willkie H F	35388
	61850
Willkomm	7952
Willman A R	11094
Willman H A	80591
Willman J P	5725
	16071
	85195
Willmann C	6401
	6402
	93731
Willmann O	4527
	23395
	86973
Willmer J S	64886
Willmott P K	49116
Willmott S	92666
Willner G	10568
Willoughby B C	47068
Willoughby D S	79100
Willoughby R	85136
Wills B	50005
Wills C L	50570
Wills D	83138
Wills G S	47011
Wills J	30390
Wills J M	30011
	31045
Wills L	11092
Wills W J	15247
	26857
	36600
	45100
	45686
	53578
	54638
	62857
	62890
	70847

Willsen Freiherr von 14373
Willsey F R 6952
Willson A E 31254
Willson F A 4451
Willson F S 4425
5652
15446
51076
51090
51349
51815
51816
67542
Willumstad E 36472
Wilm H G 3005
Wilmanns 39575
Wilmes L 83424
Wilmeth J B 54176
Wilmot R J 65800
Wilsdorf G 24220
Wilsie C P 6323
12504
39576
47827
48455
73640
Wilson A 65801
Wilson A A 4603
Wilson A C 50115
Wilson A J H 8755
Wilson A K 41205
Wilson A L 84053
85137
Wilson A M 11093
28245
88148
53579
55902
55915
55916
55952
55953
96162
Wilson A R 56500
61386
Wilson A S B 1271
27987
69283
Wilson A T 26018
62090
Wilson B A 70104
Wilson B R 52815
Wilson C 15388
67530
92433
Wilson C C 23394
59811
Wilson C E 55339
63460
Wilson C E Jr 57797
Wilson C G 19511
64527
Wilson C M 38957
89884
Wilson C P 36601
Wilson C W 30885
Wilson D 46174
71306
Wilson D R 93180
Wilson E 14403
28041
37626
42839
81897
Wilson E B 53346
53347
86419
Wilson E D 28184
80688
Wilson E E 309
23180
72793
Wilson E H 13650
Wilson E J 43088
Wilson E O 52738
Wilson E V B 65040
70492
Wilson F 13651
46351
63546
Wilson F C 3171
Wilson F D 4212
76927
83981
Wilson F G 3424
Wilson F S 87741
Wilson G 16252
16658
93817
93818
Wilson G B 780
20190
20426
89983
Wilson G D 16110
Wilson G M 41357
91934
Wilson G R 15765
93112
Wilson G S 69465
Wilson H A 30886
Wilson H E 60499
Wilson H K 37267
Wilson H L 44790
83367
Wilson H M 74441
Wilson H van P 13432
30391
Wilson I 67804
Wilson I M 19891
81125
Wilson I S 2321
13528
31177
31178
74230
Wilson J 39577
49379
Wilson J A 14691
41846
Wilson J B 69570
69573
69871
69872
70547
83850
Wilson J D 20066
28962
30628
30629
64680
72794
Wilson J E 42720
60109
Wilson J F 5700
Wilson J G 45127
Wilson J H 21328
83478
Wilson J L 54023
84227
Wilson J M 28786
Wilson J P 49330
Wilson J R 63926
89071
Wilson J R Jr 33358
Wilson J S 91093
91094
91095
91096
Wilson J W 43251
43862
47602
68996
94100
Wilson K 3745
5544
33483
41575
50571
Wilson K O 91884
Wilson K S 11616
20285
29240
29442
39262
Wilson L 9647
67893
Wilson L C 67847
Wilson L F 86899
Wilson L H 22050
40947
Wilson L V 75994
Wilson M 89685
Wilson M A 61549
Wilson M C 1349
16659
17111
37898
93505
Wilson M L 46744
66316
96076
Wilson M R 75206
Wilson N F 6638
Wilson N S 93732
Wilson P M W 90135
Wilson P O 45648
Wilson P W 29491
56777
64788
Wilson R 2145
5118
28620
30392
45685
95945
Wilson R C 3006
73641
Wilson R D 38831
39214
48127
64322
72795
81735
Wilson R E 62965
Wilson R F 77098
93229
Wilson R G 91273
Wilson R T 79326
Wilson R V 35319
Wilson R W 66035
Wilson R W Jr 14578
Wilson S M 4649
Wilson T 67179
67180
Wilson T C 7846
7847
Wilson T G 9845
Wilson T O 64005
Wilson T V 66583
66589
74814
Wilson W 28042
Wilson W C 33107
Wilson W F 13652
13653
Wilson W F Jr 20970
48838
Wilson W J 25965
Wilson W K 42881
Wilson W O 5400
23889
35180
44037
53290
54817
61672
68094
76923
Wilson W R 4409
Wilson W S 22677
Wilson W W 83982
Wilson-Jones K 72617
Wilssens A 86936
Wilster G H 7953
8332
25966
35863
35864
79183
79184
79185
87125
94818
Wilt H S 37248
Wilten W 37249
28963
29634
29635
29636
72929
Wiltshire E P 34644
78207
78208
78209
Wiltshire T W 13433
Wilwerth A M 4927
5399
5849
Wimmer E 62804
Wimmer F X 4253
9245
26815
36620
36621
36622
36623
42389
42400
45701
87742
87743
Winant H B 74543
Winburn T F 85435
Wincey C W 32809
Winchcombe Carson 87306
Winchester C F 23269
23607
33356
84234
Winchester H A 14404
Winchester W J 1402
Wind J 42245
Windel D 36085
36086
62443
79327
95013
Winder F G 20450
Winders C W 44111
Windham E S 53851
Windham S L 21233
40157
58493
Windham W J 19268
Windisch K 10835
37151
55058
55138
Windisch S 89470
94770
Windolph F 70585
Windsor E 1077
9143
Windus W 45733
Wine Institute 25885
Winegarden M W 54605
Wineman S 17691
Winfrey V C 4528
Wing J 76248
Wing J M 76201
Wing M W 6747
Wing O 44003
Wingard S B 42632
76928
93113
Wingate J E 63878
Winge O 12195
26757
47871
Winger E L 45300
Wingo C W 43485
Wingstrand K G 93039
Winiger A 52335
Winitzky J 82737
Winkel A 68591
Winkelmann 11953
12041
29960
29961
Winkelmann H 12996
Winkelmann H G 14721
41023
50156
83479
83480
Winkelmann W 66093
Winkelmann-Wenk 90668
Winkelried Bertoni A de 68475
Winkler A J 68873
70603
70604
70605
73300
Winkler G 28043
87126
Winkler H 2512
12843
27320
47030
73384
73642
74403
74670
90217
91359
Winkler J III 92512
Winkler K 62966
Winkler O 22392
Winkler S 62091
Winkler W O 69574
Winkoop W van 14515
Winn J A 8415
Winn J F 51229
Winne W T 64247

	Item
Winner E B	24084
	51745
	60269
	63594
	86420
Winnigstedt	12246
Winnigstedt R	3841
	15227
	15248
	19457
	32213
	42318
	46509
	51077
	67243
	67244
	67531
	67777
	83721
Winning E von	16660
Winnlert E	75445
Winokur W C	7553
Winoto R M P	43619
Winright G L	10306
Winroth C	83216
Winsett M	84486
Winslow D C	37446
Winslow M M	57516
	90608
	90609
Winsor H W	2828
Winstanley J K	94007
Winston A A	4855
Winston H	76504
	92513
	92514
Winston H A	49235
Winston J H	79429
Winston J R	517
	45375
	45463
	54299
	70586
	70587
	87449
	95061
Wintenberger S	68199
Winter	38832
Winter A	50928
	83983
Winter A G	2626
	11419
	11420
	72331
	73305
Winter A R	23890
	23986
	27047
	33247
	51600
	54818
	60187
	71063
	84839
Winter D W	339
Winter E	87371
Winter E H	61997
Winter E J	21329
	21330
Winter F	78381
Winter G	1026
	9501
	12920
Winter H	59144
	85283
Winter H F	34984
	38770
Winter J D	8894
	57487
	62552
Winter J D	69722
	69723
	86675
	95316
Winter J M	81736
Winter R	29914
Winter T	10384
	55456
Winter Wheat Institute	57115
Winterberg S H	58106
	74671
Winterbottom D S	26623
Winterfeld K	22749
Winterhalter M	92360
Winteringham F P W	33951
Wintermans J F G M	56943
	56956
Winterringer G S	47302
Winters A B	49647
Winters E	13743
Winters H F	904
	21990
	31233
	73306
	74131
Winters J	17112
Winters L M	33665
	33764
	43018
	60399
	62812
	83722
	92515
	93217
Winters M	14992
Winters R	18722
Winters R H	25742
	35405
Winters R K	41116
	41450
	50116
Winters R W	36839
	71923
Winters S R	4529
Winther O	8151
Winton B	23987
Wipf L	84558
	84745
Wire H P	3963
Wire Reinforcement Institute Washington D C	35144
Wirner	95207
Wirsell L	7028
Wirstad H F	83984
Wirt F A	3097
Wirt G H	14352
Wirth	8931
	9144
	9246
	18460
	26634
	26758
	29962
	35360
	44642
	44734
	45479
	45480
	45481
	45482
	45748
	45749
	45822
	53605
	54419
Wirth	61998
	62661
	62662
	63144
	70901
Wirth A G	2322
	65362
	82142
Wirth D	4213
	4214
Wirth E D	16469
Wirth H	69755
	79537
	79538
	79771
Wirth K	9587
Wirth W W	6558
	6578
	24880
	43570
	60995
	60996
	68787
	68788
	85789
Wirthmore Poultry Serv Dept	7330
Wirtz G	48342
Wirz H	56174
Wirz L	72012
Wirz P	86825
Wisconsin	38192
Alumni Research Foundation	38193
Wisconsin Conservation Dept	31365
Wisconsin Dept of Agriculture	8165
	8416
	9207
	35619
	35865
	53849
	54021
	59402
	74930
Wisconsin Dept of Taxation	71307
Wisconsin State Planning Board	63461
Wisconsin University	27798
College of Agriculture	27600
	62527
Dept of Agricultural Economics	
Wise G H	15434
	59608
	76154
Wise L E	59131
	83666
	83676
Wise L N	63088
	79902
	82921
Wise M	27590
Wise S A	14722
Wiseman H G	4485
	76165
Wiseman J S	17184
	33828
Wiser W J	12685
	39321
Wishart D S	32595
	51078
Wishart R L	81203
Wishik S M	55903
Wishnetsky T	79370
Wiśniowski J	23035
	23497
	35699
Wisselingh T H van	94149
Wissemann	84645
Wissinger I E	45075
	54024
Wister J C	2146
	13434
	49117
	90909
	90910
Wistrand E	37701
Wistuba U	41912
Wiswesser	27751
	55491
Wit C T de	31044
Wit F	81519
Wit H C D de	19791
Wit K de	12947
Wit W de	36173
	79382
Witham P E	87307
Withenshaw G	22514
Witherington R S	63185
	88130
Witherspoon J C	31793
Withmoyer C W	71064
Withrow R B	12505
Witkus E R	56678
Witman E D	21421
Witmer F J	68492
Witoszynskyj G	23036
Witt	4426
Witt G C	28247
Witt J M	52536
Witt L	18722
	37056
	88987
Witt L W	36839
	88446
Witt M	15332
	32810
	44038
	51079
	51080
	67245
	84235
Witt P R Jr	25886
	78945
Witt R H	53082
Witt R L	90088
Witt W K Jr	14734
Wittcoff H	9502
	35238
Witte E	34155
	34156
Witte J	59743
Witte K	3007
	49236
	80912
Wittebol W O F	10230
Witter	3252
Witter F	68095
Witter J F	33266
Witter R E	32909
Wittern	9772
	94915
Witteveen C J	74820
Wittich W	91797
Wittig A B	94883
Wittmann H	4830
	25281
	25967
Wittmer W	60891
	77804
Wittmeyer E C	13477
Wittock M	57798
Wittstadt H	17045
	17113
	86019
Wittwar P	75548
Wittwer S H	9694
	12506
	12507
	29357
	39215
	49754
Wittwer S H	57903
	74612
	81721
	90136
Witz R	17294
Witz R L	61682
	94418
Witzel R	14735
Witzel S A	44282
	53291
	69410
	79186
	86421
	87127
	94443
	94743
Witzgall	83394
Witzgall L	3377
Witzig E	47202
Witzke O	32811
Witzler W	31384
Wixson R F	24659
Władysław B	81048
Wnuk M	81170
Wobisch F	35595
	35596
	44735
	53691
	53692
Wobst A	22121
Wobst W	41466
	50232
Wodarz K	1533
Wodicka V O	87811
Wodsak W	19588
Wodzicki K	4545
Woebkenberg N	45071
Woehling H L	16110
Woel C M	6328
Woelffer E A	5850
	15498
	42248
	51280
	51281
	76145
	84424
	95288
	92667
Woelfle L	65802
Woelfle M	22379
	24783
Woerdt D van den	14138
Woermann	59606
Woermann E	61836
	71660
	83189
	84236
	88598
Woerner R L	30393
Woessner D	57799
Woessner R	28044
Woestemeyer V	74333
Woestemeyer V W	66036
Wofford K V	88835
	88836
Wöger K	25863
Woglum R S	77914
Wöhlbier	15128
Wöhlbier W	22875
	22876
	50799
	77099
Wohlbier-Hohenheim	92240
Wohletz E	67097
Wohletz L R	74834
Wohlfahrt T A	72216
	78104
	94150
Wohlfarth	12108
Wohlfarth E	75262
	75295
Wohlford V H	46798

	Item
Wohlgemuth	16470
	85537
	85538
Wohlrab W	95479
Wohlschlag D E	11577
Wöhrmann	19389
Woinoff O	75737
Wolth	76722
	92941
Woith W	67986
Wojciechowski E	81170
Wokes F	9648
	35700
	63927
Wolbach S B	76852
	76853
	76854
Wolcott G N	60619
	61145
	77994
	93819
Wolf D	43571
Wolf D C	42975
Wolcyrz S	64575
Wold A	49331
Woldike-Nielsen F	84425
Woldmar G	51885
	83723
Wolf	4215
	4427
	4733
	15552
	23037
	33028
	48568
	51153
	67591
	84635
Wolf A	26068
	44888
	78451
Wolf A C	25174
Wolf B	28045
	49451
	64867
Wolf C	69975
Wolf D C	7331
	15129
	16079
	16080
	25522
	43056
	61491
Wolf D E	21336
	30630
	30631
Wolf E A	11919
	21331
	40252
Wolf F A	518
	36983
	47603
	81453
Wolf F T	20427
	39263
	47603
	64525
	90137
Wolf G	5636
Wolf H	6748
	68906
Wolf J	79529
Wolf J M	29443
Wolf J N	58085
Wolf J Z	8238
Wolf L M	59842
Wolf M J	54437
	54491
Wolf P A	11797
Wolf R F	27072
Wolfe E A	1481
	6329
Wolfe H	52336
	57991

	Item
Wolfe H R	6629
	47668
	56619
	72881
Wolfe H S	13029
Wolfe J C	19523
Wolfe J N	72408
Wolfe L P Jr	82929
Wolfe M A	47095
Wolfe T K	37910
	68034
	93114
Wolfe Mrs T M	40142
Wolfel K	45593
Wolfenbarger D O	61097
	68476
	68477
Wolfer A	377
Wolff E	5401
	15853
	23988
	84927
Wolff H	18620
	31749
	45594
Wolff H G	23520
Wolff N L	68997
Wolff S E	20735
Wolff W H	66447
Wolford E R	86557
Wolfram R	77279
Wolfrom M L	63145
Wolfrom R E	62444
Wolfs J	52608
Wolfsberger J	52844
	52845
Wolfschlag U	64637
	72997
Wolfsegger	77100
Wolgamot I H	26500
Wolk J	27048
	54819
	79882
Wolken J J	15854
	33357
Wolkstein M	41614
Woll E	15855
	15856
Wollan G C	84928
Wollenberg H G	70884
	87812
Wollerman E H	3497
Wollerman E H Jr	34645
Wollman E	65803
Wollner F	70631
Wollney F	86422
	86423
Wołoskow P A	23038
Wolstencroft H P	28046
Wolstencroft S	16471
Wolter F A	74537
Wolters F	38116
Wolters F A	30590
	49735
	66008
Wolters O W	37642
Woltz W G	21373
Wolverton H D	53015
Womacks D	51664
	93040
Woman's Club of Havana Garden Sect	57800
Womeldorph S E Jr	62601
	95115
Womersley H ed	93733
Womersley J S	72332

	Item
Won Y	46036
Wong H Y C	93041
Wong M	378
Wönner M	7527
Wons H A	17285
Woo L J	23989
Wood A	61785
Wood A H Jr	2147
Wood A J	49332
Wood A L	19686
Wood C A	20966
	30139
	90698
Wood C W	13435
Wood D J	7814
	9711
	35563
Wood E C	50592
Wood F C	79328
Wood F W	79009
Wood G B	9588
	45685
	71049
	79870
Wood G H S	64243
Wood G M	73307
Wood G W	6831
Wood H	49118
	57801
Wood H E	30632
	30633
	30634
	49333
	57992
	57993
	66037
Wood H F Jr	83631
Wood I D	3008
	14139
	13246
	80119
	94341
Wood J G	48128
	48183
	73346
Wood J W	31548
	73308
Wood K B	50172
Wood L B	18486
	45823
Wood M	59861
	70296
Wood M C	21225
Wood M N	61098
Wood N B	78583
Wood P	40746
Wood R D	38512
	64286
Wood R F	83379
Wood R K S	23137
Wood R O	33573
Wood S F	16253
	85883
Wood S L	16661
Wood S N	84588
Wood V A	19211
	37557
Wood W	40143
Wood W A	4447
	4549
	8287
	59552
	62082
	67537
Wood W E	59744
Wood W P	13436
Wood W S	53082
Wood-Baker C S	16978
	24975
Wood Working Digest	3551
Woodall A E	65804

	Item
Woodall L	45913
	54820
Woodard G	68525
Woodard J W	73034
Woodard O	82143
Woodbine M	12508
	50901
Woodbridge C G	12509
	50024
	73105
	90138
Woodbury A	82472
Woodbury N	57802
Woodcock D	12382
	16254
	16255
	19253
	47903
	85462
Wooden V	65805
Woodford A J	83502
Woodford E K	2383
	57946
	82594
Woodford T V	74821
Woodforde A H	49334
Woodforde J	78477
Woodgate G B	10837
Woodhead A E	13071
Woodhead C E	18351
	20873
	36573
Woodhouse W W Jr	12459
	29816
	39578
	73504
	82922
	90445
	91360
Woodin N B	31179
Woodin R J	46864
	71924
	96029
Wooding N H Jr	7413
Woodle H A	29817
	31046
	48569
	48570
	48597
	49799
	73643
	82091
Woodman R M	2850
	21332
	21791
Woodroff J G	62484
Woodroffe C E	85336
Woodroffe F B	40144
	49257
Woodroffe G E	24431
	24976
Woodroffe K	49800
Woodroof J G	7655
	8922
	79488
	79515
	79530
	79531
	87508
Woodroofe M	85021
Woodrow A W	77582
	93691
Woodruff A C	35748
	35866
	44889
	44890
	54017
Woodruff C M	1027
Woodruff L	44288
	44289
Woodruff N P	40869
	65044

	Item
Woods E	54345
	72122
Woods E F	16472
	34157
	48159
Woods F	38493
Woods F W	182
	31794
	31795
	89375
	91885
Woods G F	94151
Woods G M	42213
	67674
Woods G T	16111
	51997
	67718
Woods J A	6080
Woods L W	20736
Woods M W	727
	73309
Woods R	28205
	46978
	49119
	55904
	63955
	69724
	80677
Woods R M	44614
	61880
	86676
Woods R P	14536
	15034
	31594
Woodside A M	83687
Woodson W D	52846
	16516
	38399
Woodward C F	52739
	33936
	52181
Woodward C H	2409
	13654
	57994
	65806
	66038
Woodward C R	37911
Woodward F N	94530
	94615
Woodward G D	27866
Woodward G O	31100
	40794
	66514
Woodward J C	66676
	81737
Woodward M	85484
Woodward N	59254
Woodward R O	40447
Woodward R S	65060
Woodward R W	65041
Woodward T E	43700
Woodward W B S	75666
Woodwark W	9668
Woodworth C M	29574
	39405
Woodworth H C	37250
	79430
Woody A H	6627
	34429
Woodyard J	67936
Wool Industries Research Association	8598
	26439
	62445
	62446
	62447
	79329
Wool Bur	34646
	35922
	62382
Wooldridge G H	75842

	Item
Wooldridge W R	4216
	32430
	83987
Wooley J C	7332
	35090
	44240
	44283
Woolf C M	16756
Woolfolk E J	20737
	29818
	68717
	82069
Woolfolk P	50975
Woollam G L	79772
Woolley G A	63462
Woolley J	39210
Woolley R B	86122
Woolley T A	34493
Woolrich W R	8677
Woolsey J H	92865
Woolsey J H Jr	5097
	42249
	43090
Woonink B	19562
Wooten A B	18181
Wooten B H	80053
Wooten H H	19253
	46581
	55572
	63654
	80416
	83039
Wooten O B	34750
Wooten O B Jr	13606
Wooten R H	30635
Wooten W A	26440
Wooton L	54402
Wootters J H	86123
Wootton D M	60762
Wootton W M	18670
	48598
Woramontri J	42365
Worcester D K	46559
Worcester P	27049
Word J M	42250
	42251
	59745
Worden A N	33320
	60188
	64376
	76769
	84577
	84840
	84929
	89103
	92784
	92785
	92978
	93042
Work H	31507
Work P	40253
	65920
	87350
	87429
Work R A	14140
	58494
Work R W	45214
Working E J	46132
	71516
Worlan C E	53348
World Tobacco Congress	9720
	37005
	37006
	37007
	37008
	37009
	63186
Delegation from the United States	37010
Worley D	31620
Worley D P	75264
Worley K H	14413
Worley L D	21977
	74903
Wormley G W	50800
Worms P	62967
	62968
	72082
	79833
Wörner G	50622
	75599
	92096
Worrell L	92097
	7848
Worrell R H	75642
	75643
	75644
	92113
Worstall J B	11094
Worstell D M	42233
	92499
Worswick G D	3009
	27705
	80330
Wort D J	48129
Worth C R	2148
	65807
Worthen E L	3098
	21792
Worthington J	24085
	51746
Worthington J T	89628
Worthington N P	50304
	83395
Worthington P	18352
Worthington W C	33358
Worthington W H	61387
Worthington-Stuart B	43863
Wortmann W	86284
Wörz A	43864
Worzella W W	2944
	30636
	66265
Wos	31854
Wossner J	75017
Wöste G	57904
Woudenberg J P M	31595
	40596
Woudhuysen H L	20067
Wowtschenko B W	7078
Wozholtt C	68264
Wozniak D F	55734
Wraae-Jensen H	1133
	1483
	48249
	57041
Wraige D R	50772
Wrangel A	5119
Wray C W	26117
Wray R D	14433
	22294
	91671
	91673
Wren F A	8801
Wrench P G	88988
	90610
Wrenn T R	42230
Wretlind A	46979
Wriedt G	3964
	50801
Wright A	55042
	82473
Wright A C S	21608
	21609
	82763
Wright A G	52039
Wright A S	72274
Wright B F	5280
Wright B H	3746
Wright B L	32812
Wright B S	31769
Wright C C	66791
Wright C E	82
	32112
	44440
	54221
	62805
	596
Wright C M	39700
Wright C S	41338
Wright D	43865
	58967
	61255
	75486
	78210
	78211
Wright D N	49144
	56574
	64490
Wright D W	24881
Wright E	50485
Wright E O	70289
Wright F B	44366
Wright F E	47075
Wright F L	19422
Wright G	88837
Wright G A	5605
Wright G M	15054
	17460
	68220
	70493
Wright G P	71925
Wright G W	3586
	3776
Wright J	31971
	14843
	14857
	22534
	32148
	41501
	58057
	59038
	64320
	67148
Wright J D	65887
Wright J E	12349
Wright J G	84426
Wright J L	13437
Wright J M	6504
	20428
Wright J O	12189
Wright J T	67012
Wright J W	14634
	48130
	83425
Wright K H	34612
Wright K K	83040
Wright K T	10356
	10426
	71628
	80320
Wright L A	3139
Wright M C	19390
Wright N	4428
	23181
	42252
	59404
	67928
	84427
Wright N C	69976
	86537
Wright N P	67846
Wright N S	47669
Wright O	32596
Wright P H	2149
	40145
	68909
	72618
	74132
Wright R	9738
	65808
Wright R A	71087
	86375
Wright R C	54304
Wright R G	27230
Wright R H	22741
	67181
Wright S B	86636
Wright S J	7029
	27591
	44014
	44015
	86195
Wright T R	26527
	45366
Wright W	75709
Wright W F	91886
Wright W H	4217
	36895
	38447
Wright W R	18264
	62601
	89650
	95115
Wrighton F E	38881
Wrightson C T	8756
Wrzesinski R	95918
WSC Nutrition Conference for Feed Manufacturers and Feed Dealers	41766
Wu C C	27127
Wu C N	81738
Wu C T	82862
Wu H	19560
Wu I	24909
Wu J Y P	63199
Wu Y S	28942
	47604
	56575
Wuestenfeld K	69653
Wuesthoff F	12948
Wührer P	17812
Wulf A	15942
	23788
Wulf H	42874
Wulf M	15163
	67619
Wulfrat A	79647
Wulfrath A	6330
	24670
	43368
	52337
	85539
Wüller H	92769
Wüllrich J	93692
Wultsch F	50572
	67182
Wulzen R	67951
Wunderfitz K	37702
Wunderlich	29521
	37627
	71607
	86304
Wunderlich F	88442
Wunderlich G	1272
	1273
	39406
	56957
Wunderling K	21829
	66471
Wunnecke G W	91149
Wünscher C	82923
Wunschik A	91635
Wurfel D A	36453
Würgler H	60059
Wurgler W	1028
	28997
	30130
Wurm A	44072
Wurm P	87222
Wurm R	4831
	54064
Württembergische Lehr- und Versuchsanstalt für Wein- und Obstbau	78893
	94695
Wurtz E	67323
Wurz K	46079
Wurz O	3747
	14946
Wurzburg O B	87351
Wurzschmidt B	78741
Wussow	84636
Wuthrich H	79144
Wuttke H	1483
Wuttke W	27686
Wyant Z N	15693
	23981
	42970
Wyatt A J	23789
Wyatt C	27592
Wyatt I	57437
Wyatt J	35700
Wyatt J A	75814
Wyatt W W	75105
Wybiral M	73323
Wybou A	16517
Wyche H B	62806
Wyche H R	40633
Wyche R H	31247
	40747
	40748
	49793
	66306
	74672
Wyckoff R W G	33297
	38943
	64006
Wycoff H B	22715
Wycoff S S	45914
Wyczółkowski J	27321
Wye College Dept of Economics	8856
Wygodzinsky P	24882
	24883
	24884
	24977
	24978
	34494
	34725
	68874
	77964
	77995
	78297
Wyker Mrs J D	37912
Wykes	39216
Wykes G R	43369
	48131
	90183
Wykoff D E	24912
Wylam W E	65710
Wyld M K	3947
	23881
	33241
	33242
	41758
Wyler L	63824
Wylie C E	25498
	76197
Wylie I	15553
	24341
Wylie J C	58608
	58609
	83190
Wylie R B	56723
Wylie S M	87166

	Item
Wylie W D	16662
	16663
	77321
Wyman D	11512
	12949
	13438
	19851
	21226
	30394
	40146
	48686
	49120
	49121
	56175
	57438
	65809
	82474
Wyman J Jr	76771
Wyman O L	36454
Wymer N	26759
	37913
Wynd F L	48132
	49801
Wynmalen H	67947
Wynn M F	64910
Wynn W	58220
Wynne A J	10427
	27752
	71661
Wynne R B	82475
Wynne-Edwards J C	19296
Wynne-Tyson E	72123
Wynter-Blyth M A	83461
Wyoming Commissioner of Public Lands and Farm Loans	10357
Wysong N	13439
Wysong N B	41130
	74133
Wysor W G	46074
Wyss-Dunant E	39794
Wyssling A F	12131
Wythe G	28154
Xabregas J	71010
	71011
Xandri Tagüeña J M	70524
	87522
Xavier L P	89072
Xavier Filho S	82526
Ximenez de Embun y Gonzalez-Arnao J	22122
Yabuki K	66160
Yabuki M	90179
Yackulic G A	18608
Yacowitz H	33248
	51665
Yadon Z	92717
Yaffa B	70560
Yager R H	32341
	32362
	53851
	60461
Yagi J	64400
Yagishita K	80883
Yahiro T	91469
Yakeyama Y	50654
Yakowitz M G	70548
Yale J W Jr	89686
Yale University School of Forestry	91261
Yamada B	66161
Yamada N	91239
Yamada R	30866
	93551
Yamada S	66246
	94272
Yamada T	38958
	50623
	73087
	95919
Yamada Y	90139
Yamafuji K	34687
	34688
	34689
	34690
	52870
	52871
	86063
	86064
	86065
	86066
	86067
	86068
	86069
	86070
	86071
Yamaguchi M	12564
	63944
Yamaguchi T	37703
	55557
	71719
Yamai E	76505
Yamai R	92168
Yamaji K	50342
Yamamoto A	67143
Yamamoto H	75018
Yamamoto J	29186
	29624
	81890
Yamamoto K	50267
	90140
Yamamoto S	4734
	89756
Yamamoto T	28884
Yamamoto W	11954
Yamamoto Y	45072
Yamamura Z	82653
	83481
Yamanaka I	94300
Yamanaka T	183
	72948
Yamane I	31047
	31048
	31049
Yamane T	15952
Yamasaki I	89639
Yamasaki K	5402
Yamasaki N	50284
Yamasaki T	93552
Yamashina H	93525
Yamashita K	20429
	73310
Yamashita Z	34495
	34594
	34595
Yamauchi T	88168
Yamawaki S	50423
Yamaya K	49516
Yamayoshi H	82476
Yamazaki M	64653
Yamazaki T	72440
Yamazoe S	50146
Yamazumi R	81460
Yamey B S	8599
	45753
Yanagisawa T	78721
Yanagita F	183
Yand S H	76416
Yandell W	49122
Yang H P	55735
	63825
Yang H Y	95142
Yang S C	71259
Yang S H	76292
Yankovitch L	21793
Yanofsky C	29142
	29476
	29490
	47872
Yanovsky E	17588
Yantes E K	71926
Yao K T	70541
Yao Y T	81635
Yarborough J H	4867
Yarham E R	22718
	58871
	83295
Yarian N C	2150
Yarick B E	90611
Yarnell S H	21333
	78212
Yarwood C E	597
	1029
	20068
	29034
	47605
	47670
	47671
	73123
	81739
Yashiro H	82905
Yasin	4735
Yasin G	27249
Yasin M G	54177
Yasuda I	81740
Yasui K	20191
Yasumatsu D	16930
Yasumatsu K	16934
	52740
	52741
	78055
Yasumi T	29001
Yasutomi K	93820
	94213
Yasuzumi G	52589
Yates B	59746
	59812
	84153
Yates F	14015
	31050
Yates G C P	55492
Yates L D	91522
Yates V J	42253
Yates W W	34392
	34430
	77915
Yaverbaum S	56681
Yavorsky J M	59145
Yaw B	88599
Yaw K E	69725
Yaw W H	93218
Yazawa K	48133
Ybema	86974
Yeager A F	30039
	73836
Yeager J H	3099
Yean W Q	3728
Yearwood R D E	71146
	71147
	71165
Yeates J F	79330
Yeates J S	74334
Yeates N T M	54651
Yeats J J	4537
Yekutieli N	76417
Yellowlees D	21643
Yench J	65810
Yeoman G	76556
Yeomans A H	52160
	93486
	93506
Yepez Arellano J	75231
Yerex C	2151
Yerington A P	24434
	52168
Yerkes W D Jr	20085
	47576
Yeruham	71608
Yézou N	49802
	49839
	50930
	51467
	52161
	53379
Ygobone A D	88614
Yie S T	25149
Yin K Y	86538
Ying K C	95559
Yitzhaki E	5281
	92979
Yli-Vakkuri P	83296
Ylinen A	59146
Ylimuokonan A	19297
	46609
Yocom H A	75296
Yoder A C	80544
Yoder E J	66162
Yoeli M	24913
Yoerger R	25462
Yoffe A	1638
Yohalem A E	86975
Yohe R S	5851
	10231
	36840
	39579
	45915
	46352
	82682
Yokoo M	87684
Yokoyama H	43082
Yokoyama T	78250
Yokoyama Y	34
Yokozawa I	26554
Yokozawa Y	13030
	16163
Yolani H	92717
Yolo County California Off of Agricultural Commissioner	61896
Yonce L	67951
Yoneda S	66163
Yoneyama K	58305
	82876
	50573
	50574
	50635
Yonge N	40147
Yont L Y	17214
	86240
Yöntilä E	19154
York C J	59747
	59748
	84428
York E T Jr	12460
	31051
	73662
	77772
York G K	95062
	95098
York G T	52590
York H H	2152
York J C	35670
York J O	81881
Yorke C R	5606
Yorke G	75462
Yorke L C	36220
Yorkshire Agricultural Society	80592
Yoshida K	95831
Yoshida M	85703
	93821
Yoshida N	41673
	43019
	45720
Yoshida S	83577
Yoshida Y	64852
	91469
Yoshihara F	34687
	86065
	86068
Yoshihara I	34689
Yoshihara K	39562
Yoshii H	11955
	89722
	89756
	89777
Yoshimoto M	49504
	50267
Yoshimura K	12510
Yoshino M	28884
	90612
Yoshioka K	80120
	96235
Yoshioka Z	42915
	42916
	75728
Yoshizawa T	91193
Yosida M	93413
Yosida T	93539
Yost G	79532
Yost H T Jr	20404
	20405
Yost L	51296
Yost M T	85725
Yost T F	30637
	30638
Yotter E S	33722
Youl J W	68910
Youmans J B	19561
Younce R R	50931
Young A W	87685
	88018
	88694
Young C	33554
Young C A N	94342
Young C M	11087
	11095
	38117
	55905
	88991
	88998
Young D	46890
Young D A Jr	61099
	85884

	Item
Young D B	6146
Young D H	33607
Young D J	84237
Young D K	87430
Young D P	58887
Young D W	30528
	30639
	31374
	31582
Young E G	9589
	39245
Young F N	16518
	16664
Young G A Jr	24315
Young G B	4429
	59749
Young G D	55345
	94558
Young G W	62807
	79883
Young H	7399
Young H A	8600
	34750
	36087
	36088
	62449
Young H C	519
	2410
	28964
	28965
	34984
	38639
	38771
Young H C Jr	64528
Young H E	56462
	56576
	72690
	72796
	72797
	72798
	75297
	81741
Young H J	18565
	54591
Young H P	8182
	9332
	44959
Young H Y	81742
Young J B	45261
Young J H	67183
Young J R	17286
Young K E	39580
Young K S	4218
Young L A	63606
Young L C	74231
	74673
Young L E	59866
Young M D	24914
Young M F	4991
Young M F	69673
Young M T	77280
Young N R	45128
Young P A	28966
	82536
Young P R	21227
	436
	520
	11804
	28826
	38640
Young R B	5687
Young R E	4403
	50997
Young R M	6886
Young R S	22877
Young R V	54639
Young R W	46899
Young S	7954
Young S O	95143
Young S P	78326
Young T W	21914
Young V	91926
Young V A	39581
	57277
	57995
	82092
	83784
Young V H	81743
Young V K	81566
Young W	44791
	62808
Young W A	42401
	59867
	76571
Young W C	33094
	33095
Young W C Jr	51422
Young W J	20069
Young W T	27876
Young L N	7477
Youngdahl L	19422
Younge O R	92327
Youngken H W	29099
	47760
	73035
Youngken H W Jr	29488
	81719
Youngman B J	48134
	64244
Youngman R	12844
Youngs C G	9503
Youngs G J	83432
Younkin S G	29014
	30488
	38772
Yount P	86218
	86646
Yount R P	92516
Yount W L	89592
Youssef A A	36089
Youssef A M	29667
	29668
Youth T	27867
Ytterborn G	27868
Ytterborn G R	37447
Yuan T L	40989
Yuasa A	64654
Yudkin J	11096
	96119
Yue T F	60626
Yuen S H	29444
Yugoslavia Chamber of Commerce	78946
Yugoslavia Ministarstvo Spoljne Trfovine FNRJ Uprava za Statistiku i Evidenciju	88989
Yui C H	67184
Yuile C L	59866
Yuill J L	81783
Yuill J S	93507
Yuill W J	4430
	4431
	42028
	42319
Yundt A P	67168
Yung F D	17512
	54404
	62301
	78686
	78687
	79588
	86513
Yung R	26858
Yung R L	10232
Yung S L	30680
Yunker M	70553
Yunnie R P	93296
Yunus C M	6799
Yuri Izquierdo M	88615
Yust H R	34496
	77996
Yusuf M	26441
Yuyama A	59204
Yvoir J	87041
Zaal C M van	13440
Zaar E I	2079
Zaazou H T	43486
Zabala S	64321
	72882
	81351
Żabko-Potopowicz A	91582
Zablinsky K	92361
Zabluda G V	81744
Zaborovskiĭ E P	91860
Zaccone S	78947
	86826
Zach C	56463
Žacha V	18353
Zacharia D B	29445
Zacharias C W B	88990
Zacharias O E Jr	46900
Zacharias R	7603
Zacharias W B	79699
Zachariassen B	54842
Zacharius R M	73347
Zacher F	6026
	34302
	77805
	85704
Zachorowski T	32431
Zachos D G	19948
Zachrison S	55346
	67324
Zacks S	1030
Zadujanski P	82171
Zadura J	23039
	32943
Zaffanella M J R	31100
	13790
	49452
	58091
	91324
Zaffke B F	17270
Zaffreya H	17813
Zafren S	94916
Zafren S A	50802
	50803
	62327
Zagaevskiĭ I S	33359
Zagarella A	86571
Zaghi D	26489
Zaglits O	37074
Zagoren R	17287
Zagorodnev S	90218
Zagorodnev S F	91470
Zagórska D	23040
	23041
	32432
	32433
Zagorski J	31365
Zagorski J F	31913
Zagoruĭko Z	60366
Zagorul'ko A IA	27142
Zagrebaev I I	60346
Zagulĭaev A F	86020
Zaharija I	84682
Zaheer S H	70997
Zahl P A	77184
Zahler P	53793
Zahn F P	73720
Zahn G D	8757
Zahn H	8601
	36560
	54606
	62809
	70494
	86557
	87308
	95015
Zahnley J W	66039
Zaĭanchkovskiĭ I F	51947
Zaïdes A L	36090
Zaika I E	73644
Zaika V I	33484
Zaikovskaĭa N E	48135
Zaitlin M	29271
Zaĭtsev A	94343
Zaĭtsev G N	56577
Zaĭtsev K P	86461
Zaĭtsev N	4219
Zaitsev N V	4220
	32434
	41913
Zaĭtsev S V	24671
Zaĭtseva A A	20430
	40749
	56998
Zaĭtseva M G	38400
Zaĭtseva N I	1059
Zakariasen B M	79053
	79187
Zaken D van der	46560
Zakhar'ev N I	67592
	92572
Zakharin A	25546
Zakharov A S	73898
Zakharov B A	45262
	45263
Zakharov L Z	33916
Zakharov M A	1685
Zakharov N G	31231
Zakharov N I	33789
Zakharov P S	34549
Zakharov V K	91674
Zakharova E I	30140
	57621
Zakharova M P	48475
Zakhrebetkov P A	65228
Zakirov K Z	184
Zakladnoi V	55433
Žáková J	48788
Zaks M G	51159
Zakula R	92647
Zakushnĭak N I	35597
Zalesnyi N M	58927
Zalesov F V	1274
Zalesskiĭ IU M	6887
	25150
	43145
	43146
	60527
	68998
Zalesskiĭ S K	21713
Zaletel J H	76240
	76315
Zalĭadnova A P	1858
	57622
Zalik S	48136
	57960
Zalit A	35778
Zalloni F	55340
Zambettakis C	38552
	89687
Zambon C	71308
Zambrano C	72124
Zambrano J A	68035
	68173
	68174
Zametzer	7528
Zamir D	16041
	27417
	77007
Zamora M	5203
Zamorskiĭ V	25463
Zamriĭ A M	36969
Zamuraev I V	76982
Zamzow W H	35406
Zana F	10233
Zande R v d	2323
Zanden B H van den	5204
	80359
Zander A A	59018
	59019
	67127
Zander D V	84890
Zander E	6331
	16473
	52312
	77583
	77584
	77585
	77586
Zander E D H	6332
Zander R	28476
	73311
Zander T	36682
	80061
Zander-Erlangen E	6333
Zandra W	26254
Zandstra F K	67607
Zane I	84637
Zangerle O	84930
Zangheri P	16757
Zangheri S	77281
	85929

	Item
Zanini E	1275
	2411
	29819
	30887
	71517
Zanker S	26816
	42407
	67867
Zanni V	27175
	27176
Zannoni I	2884
	12687
	14141
	21794
	36455
	46353
	49803
	49840
	55434
	65273
	73645
	87686
Zanoletti L	33761
Zanon C	54305
	57488
Zanoni G	33485
	60270
	92942
Zanotti C M	70413
Zanotti L	73796
Zanten E van	11707
	31064
	40254
Zanten N V van	80640
Zantner A	81049
Zanzibar Comptroller of Customs	11018
	96109
Zanzinger W	71354
Zanzucchi A	54335
	69726
Zaostrovskaia E N	2186
Zappa R	7373
	94285
Zappe M P	34647
Zappelli P	29820
Zappettini G	74335
Zappi Recordati A	10935
Zaprjagaeva V I	73893
Zaprometov M N	25887
	53693
	86763
Zaprometov N G	28967
	72799
Zarate Hernandez J	3378
Zarrow M X	33254
	51604
Zart A	8602
Zarubailo T IA	48137
	56958
Zarubin A F	90702
Zarzycki J	92890
Zaslavskii A S	87372
Zaslavskii B L	36926
Zaslavskiĭ M N	96248
Zasukha M IA	46037
Zatloukal	9168
Zatsepin K	35107
Zatta P L	54018
	67778
	71519
	78985
	84488
Zattler F	16519
	95588
Zaumeyer W J	28981
Zauralov O A	892
	12511
	81745
Zavadovskiĭ M M	24188
	42972
Zavadskii K M	12190
Zavadskii V A	54592
Zavagli V	5701
	23042
	50682
	59405
	59406
	92263
	92276
	92277
Zavalishin F S	53081
Zavalishina S F	728
Zavarifskiĭ V N	21610
Zavafskafa E A	73850
Zavertannyĭ A A	87744
Zavoral H G	33702
	52017
	85301
Zavrnik F I	59909
Zawadzki S	82750
Zayas C Jr	4432
	15333
	15663
	42029
	42254
	67948
	76506
	84154
Zayas F de	19672
	77806
Zayas González F A	73116
Zayas y Muñoz F de	33790
Zbinovsky V	48194
Zdanovski N	59255
Zdansky R	32435
Zdruĭkovskafa A I	729
	89914
Zealand Denmark Samvirkende Sjællandske Landboforeninger Planteavisudvalg	47873
Zeasman O R	21976
Zebarth R	87980
Zechner H	1484
Zechner W	86424
Zedig E	52040
Zee S van der	20192
Zeehuisen J J	63051
	95455
	95457
	95459
Zeeuw A de	1788
	30439
	48825
	64655
Zegers H J M	21830
	29286
Zehetmayr R	25308
Zehnder J	58928
	58945
Zehner C E	1306
	78595
Zehner E	86219
Zehner L A	29821
Zeid M M I	33952
Zeidler F	83426
Zeiger D C	1738
Zeigler W L	33177
Zeiler K	69977
Zeilinger A	3965
Zeissig A	75963
Zeist W van	1031
Zel'dich P N	58912
Zel'din L I	87309
Zelenin F P	61492
Zelen'ko V K	74232
Zelenskaia N I	29822
Zelenskafa O	57905
Zelenskiĭ B	27177
Zelenskiĭ G	43000
Zelenskiĭ M A	1789
	20609
	56756
	57574
Zelenskiĭ S A	29822
Zeleny L	87858
	95338
Zelikina S M	47069
Zelikman I F	63146
Zelikovich S	26255
Zelinski J A	79719
Zelitch I	29491
Zell	65363
Zellenka R	8022
Zeller	50076
	71518
Zeller A	21507
	21795
	51282
	81352
	81746
	82924
	92384
Zeller E	17529
Zeller J H	24225
	43020
	77063
	77152
Zeller M	32691
Zeller O	64868
Zeller P	15334
	32884
Zeller W	82093
Zellner N	55443
Zellnick M	28316
Zel'man D P	3469
	3470
	50351
Zelomek A W	8603
Zelter	75760
Zelter S Z	32297
	33703
Zel'ser I R	70495
Zeman F D	96146
Zeman G O	57906
Zeman J	95925
Zeman P J	7849
Zembke E	85223
Zemirin S	57517
	73797
Zemlansky J	21422
Zemlfanifskiĭ L T	40381
	75096
Zemskafa A A	34211
Zenari S	81050
Zenaty J G	32005
	75524
Zendy-Zucker F	3172
Zenker B	95538
Zenkevich V	36091
Zenkovich V P	23666
Zenone E	65280
Zenonos L	72013
Zens	79358
Zens F J	73736
Zenteno	11956
Zevada M	47353
Zentgraf E	31658
	83688
	91899
Zentler A P	54178
Zentmyer G A	521
	11729
	28968
	64529
	89566
	89567
	89688
	89689
	89690
Zentrale Markt- und Preisberichtstelle der Deutschen Landwirtschaft G m b H	69609
Zentralverband Deutscher Molkereifachleute und Milchwirtschaftler	7955
Zentralverband Deutscher Pferdezuchter	84742
Zeppelin H M von	36092
Zequeira R A	19391
	28047
Zerban F W	27178
	36970
	71145
Zerpa D M de	20193
	21334
Zerries O	65042
Zert P	52018
	95289
Zethelius P S	69578
	86589
Zethelius S	31284
	57367
Zettel J	37152
Zetterberg G	15116
Zetterberg O	7687
	17711
	35435
	80061
Zetterstedt P	1620
Zetti J	24134
Zettle J	77008
Zettler J	23182
Zeumer H	56464
	64401
	77807
	87687
	94579
Zeumer W	1859
Zeverland M A	45301
Zezschwitz von	67098
Zezschwitz E von	31052
Zezzos R	23703
	33091
	38002
	43111
	51886
	53694
Zhabifskii G K	76929
Zhadan I I	39582
Zhadan V	23603
Zhanderkin A I	78794
Zharikov G K	24135
Zharkoĭ F S	71927
Zhavoronkov P A	41359
Zhdanov B	13072
Zhebrak A R	44062
	12233
	12234
Zhegalov I S	7119
Zhelev V	83955
	85256
Zheleznfak P G	32474
	32475
	34945
	37558
	62810
	67779
Zhelezov K	46444
Zhelokhovtsev A N	85930
Zheltakov A	94884
Zheltkevich G G	35598
	35599
	69873
Zheludkova O I	61304
Zhemanov G S	32001
Zherdefskafa G N	21533
Zhgenti N M	25888
Zhifanov I	61493
Zhilkin B D	75298
Zhilkina M D	20581
	39143
Zhil'tsov V	91982
Zhironkin I M	38901
Zhitkova A A	49424
Zhitneva P I	48889
Zhivan V P	1485
Zhivotkov Kh	23667
Zhivotkov Kh I	23604
Zhivov V	1486
Zhmaeva Z M	60798
Zhmur D G	3397
Zhorzholadze K V	63147
Zhovtyĭ I F	34393
Zhuchkov A K	85235
Zhuchkov N G	48735
Zhuchkov V G	74404
Zhudova P P	19792
	58851
Zhuĭkov G	36683
	37914
Zhuĭkov G G	37568

	Item
Zhuk I A	34946
	61493
	86305
Zhuk I A M	53124
	94364
Zhukov G A	22474
	41360
Zhukov I V	31461
Zhukov M N	32993
Zhukov N I	20431
Zhukov P V	47874
Zhukova G	21335
Zhukova I V	522
Zhukova K P	11957
	19954
Zhukovskiĭ A V	60975
Zhukovskiĭ I A	40852
Zhukhovskiĭ N	34900
Zhukovskii N P	69238
	78428
	88306
Zhuravel' A A	32983
Zhuravleva V	61610
Zhuravleva V P	35541
Zhurbin A I	20253
Zhurbitskiĭ Z	58369
Zhurukhin F A	78438
Zia-ud-Din	6695
	16879
Zfablov V A	69248
Ziarkiewicz T	85437
Zfazina O	57176
Zickefoose M	11061
Ziebell	87167
Ziebertz W	76723
Zief M	27179
Ziege E	62092
	70030
	70031
Ziegenbein G	52981
	65263
Ziegenhagen	4433
Ziegenhagen G	15335
	15336
Ziegenspeck H	29138
	72462
Zieger E	83503
Zieger F	40148
Zieger P E	81309
Zieger W	93043
Zieget I	77587
Ziegler A W	28689
Ziegler H	38641
	56042
Ziegler J A	36723
Ziegler J B	25063
Ziegler L W	1720
Ziegler M	42255
Ziegler O	52688
Ziegler P R	35867
Ziegler P T	62811
Ziegler R	6335
Ziegler R J	6334
Zielinski A	52591
Zieliński J	23021
	23043
	23668
Zielinski Q B	781
	48138
	48139
	57575
Zielstorff	40750
Ziemba J V	25889
	54405
	54680
Ziemer	66448
Ziemnicki S	83062
	83139
Zienkiewicz B	2356
	73492
	74265
	90302
Zieriacks H	73036
Ziesenhenne I	56282
	90911
Zieske R	4982
	42417
Ziganke H	70768
Zilfle H M	62442
Ziji W J van	92362
Zijlstra B	8333
	70146
	70147
Zijp J C M van	20453
Zijp M J	65229
Zikán J F	16935
	61256
Zikowsky F	6336
Zikria E	76596
Zil'berman I I	36965
	54914
	63113
Zilch K T	71012
Zile M	89964
Zill H	95016
Zill L	65412
Zill L H	20908
Zillgitt W M	3471
Zilliacus L	20518
Zillig H	56043
	65480
Zillig W	34682
Zim H S	23714
Zima I M	58796
Zimin L S	85790
Zimina N I	21508
Zimmer F	15389
	17901
	23474
	51081
	84489
Zimmer K L	92840
Zimmer S J	18296
	26556
	34859
	44112
Zimmer V C	79533
Zimmer W J	75019
Zimmerl U	92260
Zimmerle H	3411
Zimmerman A H	75232
Zimmerman C	17436
	18723
	35181
	52918
	66040
	71609
	94486
Zimmerman C R	26624
Zimerman D	49824
Zimmerman D W	63772
Zimmerman E C	16164
	61100
Zimmerman J E	65811
Zimmerman P W	20432
	21374
	56959
	74336
	81747
Zimmerman W E	82595
Zimmerman-Griss S	12688
	57907
Zimmermann	23396
	84490
Zimmermann A	4221
Zimmermann C R	53438
Zimmermann F	61101
Zimmermann G	4222
Zimmermann H G	90461
	90462
Zimmermann J	39217
	51283
	88169
Zimmermann K	20254
	48571
	65043
	73646
	85029
	89915
Zimmermann M	55420
Zimmermann P	15806
	77588
	77589
Zimmermann S	52742
Zimmermann T	43869
	67719
	91137
Zimmermann W	34303
	38513
	69541
Zimmermann W A	67099
Zimmern A	61322
Zimmers M	10835
Zimmert E	67987
Zimpel H	83337
Zin K	49804
Zinchenko A V	84638
Zinchenko G A	90669
Zinck E	40772
	53044
	80121
Zindel H C	42840
	60271
Zindell H C	5545
Zingg A W	40569
	40869
	65044
Zinin T	94409
Zinin V K	59256
Zink A	75815
Zink F W	12467
	48069
	49238
	57908
Zink F W Jr	2154
Zink O E	19458
Zinkernagel R	93813
Zinkhan K	62766
Zinkin T	49947
	74405
Zin'kovskiĭ V	90613
Zinn R	33791
	33792
Zinna G	86021
Zinner E	83041
Zinno Y	50330
	72733
Zinova A D	38514
Zinov'ev A	36556
Zinser W	44736
Zippelius H A	21577
Zirkel H	6027
	54546
	68478
	87688
	95208
Zirkle C	89104
Zirkle R E	64869
Ziskinder V	26905
Zissel A	14953
	22686
	50582
Zitewitz E von	4530
Zitezewitz W	1621
Zitkowski H E	63148
	63149
Zitnik C A	18578
Zito F	73312
Zittle C A	54019
Zitzen E G	2513
Zitzewitz A von	40255
Zitzewitz W von	61464
Ziza A	31321
Zlatarić B	81051
Zlatković B	84155
Zlatkovskii A	44357
Zlatkovskii A P	7400
Zlotnik I	67918
Zmolek W G	54640
Znamenskiĭ A	32001
Znamenskiĭ A A	39565
Znamenskiĭ L N	12689
	21477
	39640
	48572
	73647
Znamenskiĭ N N	80054
Znamenskiĭ V V	25110
Zobel B	28621
	39001
	81052
Zobel B J	31659
Zobkov N P	77019
Zobnin I	84743
Zoboronok V V	35921
Zobrist L	20070
	56578
	58991
	64530
	67100
	72800
	77282
	81367
Zocchi R	77808
	78213
Zödler H	78403
Zoebisch O C	76759
Zoëga G G	46445
Zoerb H	65812
Zoerb R	73273
Zoet A	26012
Zogg	30708
Zogg H	523
	28827
Zohary M	660
	56672
	56673
	72949
Zöhrer W	49841
Zolia E	89131
Zoller H	20144
Zollikofer E	51136
	63773
Zollinger C D	94371
Zolotaev F	86376
Zolotarev V P	57803
Zólyomi B	29066
Zon R	22402
Zonderwijk P	74337
Zonn S V	66164
	66165
	91771
Zonneveld J I S	49517
Zook E G	53425
Zopfy F	61897
Zóphóníasson P	22878
	80787
Zoppi C B	80404
Zorab G	31180
Zoraster A	85791
Zoril J G	38827
	47606
Zorin A M	23183
Zorin F M	57518
Zorn	5748
	35091
	50804
	53292
	84491
Zorn W	42320
	76147
	83809
Zörner H	28155
Zorsch C P	49412
Zoschike M	57955
Zotikov V E	87310
Zotikova I N	51159
Zotov A P	23669
Zotov G A	41326
Zotova A A	24714
	32436
Zotova N T	29408
Zofsenko N V	84638
Zottner	23397
	75816
	83810
Zottner G	3966
	22879
	48573
Zottner M G	75964
Zoul C V	62969
Zozulia I A	50981
Zozulin G M	38882
	38883
	50352
Zscheile F P	20071
Zschiesche	92866
Zschock O von	79648
Zubanov D S	69757
Zubarev A K	82537
Zuber M S	39407
	73468
	90285
Zuberbüler R I	84156
Zubietfân P A	31053
	73900
Zubko V N	84559
Zubkov D P	36547
Zubovich I A	1078
Zubovich N F	31806
	57804
Zubrikova E	93188
Zubrilin A A	75817
Zubriski J C	58580
Zubryn E	36548
	42321
	83140
	92718
Zucchi H	69731
Zucchini I	1276
Zucchini M	1134
	1686
	3010
	3011
	48343
	48344
	48376
	49948
	54222
Zucker I	90541
Zuev I U S	63071
Zueva V A	57909
Zugliani A	55493
Zuĭkova E A	33608
Zuĭkova L P	71187
Zukel W J	63921

	Item
Zulauf H	13129
	20874
Zulueta A de	4932
Zulueta M M de	44552
Zumaeta Serrón C	61898
Zumbro P	42830
Zumbro P B	15941
	23790
	42841
	42842
	51747
Zumpt F	34394
	52396
	68630
	85792
	92363
Zunín Padilla R	54179
	62450
Zunino H A	6749
Zunker M	23398
Zunko I	77590
Zuppke H	67325
	92573
Zuraw E	79188
Zureck F	4933
	34323
	35701
	76572
	94771
Zureck F R	8092
Zurilin I M	73648
Zürn F	1487
	1488
	2851
	2852
	12565
	21796
	21797
	21798
	22075
	39583
	40751
	49805
	49806
	57350
	65230
	73649
	73650
	80360
Zurth E	60060
	92943
Zurzycka A	29446
	81748
	81750
Zurzycki J	29446
	81748
	81749
Zutavern O	37251
Zuur A J	58190
	74822
Zuurveen H	74823
Zuydam D M	42721
	51666
Zvaĭgznite L A	23069
Zvereva O S	60997
Zvereva P A	2324
	20255
Zverezomb-Zubovskiĭ E V	64056
Zviaginŝev IA	87745
Zviedris A	31508
Zvonkov P	29638
Zvorykina K V	47703
	64592
Zwaan A R	12950
	64703
Zwaard P v d	34985
	44162
Zwagerman C	5012
	7956
	15707
	35749
	35750
	78986
	94744
Zwahlen F C	86900
Zwanzig M	34158
Zwatz E O	62279
Zweede A K	8923
	18280
	62648
Zweifler E	29639
Zweigelt F	77997
Zweigle K	53233
Zwengel	19254
Zwerman P J	14142
	40597
Zwettler G	4172
Zwicky H	29093
Zwicky K	36093
Zwierz J	23044
Zwijnenberg H A	67720
Zwijnenberg H H	51998
Zwillenberg I O	64587
Zwilling E	5403
Zwintzscher M	1790
	11958
	20875
	39855
	82158
	82235
	90564
	90651
	90670
Zwölfer W	28327
	60620
	80788
	93508
Zybin P	1489
Zybin P G	29823
Zycha H	67101
	72801
	89568
Zygler Z	84429
Zykov A I	33757
Zykov I V	22403

Item

Aarnio B *11281
Aaroniella n g 52894
Abaca 12692 29659 35925 62392 79261 *26324 *35934 *95011
culture *12707 *29646
diseases 11634 20089 28991 38792
soils 13991 29659
statistics 36008
Abacetus *52484
Abas n g 52628
Abattoirs. See Slaughterhouses.
Abderhalden's reaction *22997 *32719
Abdomen
arachnids 34175
injuries *23023
insects *43379 *43852
Abdulkadyrov ÎA *68281
Abedus *34445
Abelia 2125
Abelia chinensis 56256
Abelmoschus 81014
Abies 91710 *3306 *58708 *75226 *77507 *83334
anatomy and physiology *48091 *56813
diseases *3477
Germany *24598
germination *14602
Gt Brit 74042
injuries *58847
pests *3477 *58847 *93781 *94059
planting *75345
seeds *48176
thinning *31672
U S S R *41108 *50347
wood *50649 *75716
Wyoming 66856
Abies alba *19841 *20134 *66880 *73240 *83415 *91655
anatomy and physiology *73137
diseases 72635
ecology *72926
Germany *41115
seeds *75190
Yugoslavia *31731
Abies balsamea 43758 61029 91790
Abies concolor 50644 72557 75270
Abies grandis *14471 *66884
Abies lasiocarpa 13741 83384
Abies mayriana *48002 *50202
Abies pectinata. See Abies alba.
Abies sachalinensis *38693
Abies sibirica *22327 *28838
Åbo Akademi Institutet for Träkemi *15005 *75600
Aboeurhexius n g 93746
Abomasum 5673 15438 33600 51215
Abortion *59390 *67400
cattle 15543 23376 42134 59685 *15421 *23318 *76406 *84357 *84412
chinchillas 76595
horses 59924 84683 *33042
sheep 68261 76988 *16021 *76994
swine 93269 *51947
See also Vibrionic abortion; Virus abortion.
Abraxas sylvata 52790
Abrus *56276
Abscesses
cattle 43088 *92575
dogs 76541

Item

Abscesses--Cont.
horses 59932 *84684
sheep 5688
swine *43088
See also Fixation abscess.
Abutilon 2026 *2467 *30315 *70474
Acacallis cyanea 1880
Acacia 32114 65634 83639 *66070 *91114 *91125 *91131
Australia 50193 65759
cytology 29104 89839
India 13672
Mediterranean region *73947
Senegal *64211
Union of South Africa 10537 57690 63197
U S S R *57803
weed control 90998
Acacia arabica 85672
Acacia cultriformis *72435
Acacia decurrens mollis 50580 75654 83640
Acacia melanoxylon 89677
Academic degrees 71872
Académie d'Agriculture de France *34748
Acalles *43443
Acalymma vittata 6468
Acalypha *114 *89333
Acalypha obovata *56877
Acalyptratae 60943 *68743
Acanthaceae 38421 89352 *81663
Acanthaclisis baetica *61313
Acanthaspidinae *6691
Acanthaspis siva 68835
Acanthobarisella n g *60834
Acanthocheilonema streptocerca 43616
Acanthocnema 68890
Acanthocyrtus 43931
Acanthodotheca 34351
Acantholybas brunneus 43700
Acantholyda 68890
Acantholyda erythrocephala *78052
Acantholyda nemoralis *85919
Acanthophorus serraticornis 6474
Acanthophyllum *38475
Acanthoscelides obtectus *16616 *60857 *77726
Acanthospermum hispidum 13541
Acanthostigma *47348
Acaprin *5040 *33034 *67423
Acarapis woodi 52371 52377 *6200 *16505 *77621 *77646
Acarapis woodi woodi *85589
Acariasis. See Mites; Mange.
Acaricides 34180 34196 34209 52344 68613 93730 *6382 *43385
adjuvants *60639
application 5970
residues 24446
tests 16271 16476 68616 77643
toxicity 6367
Acaridae *60756
Acarina 6370 6496 16490 43371 60792 68612 77595 85561 93733 *34174 *68592
anatomy and physiology *34176
as parasites 34160
Austria *6401 *6402
California 93717

Item

Acarina--Cont.
Finland 52388
Gt Brit 43380 68624 85562
Italy *60766 *85548 *85578
New Zealand 77630
taxonomy *77640
Venezuela 52347
Acarine disease 16416 33989 34051 *77426
Argentina *24590 *60719
Belgium *34153
control 16456 *6212 *6257 *16455 *34089 *68581 *77479
diagnosis *6297
Germany *6220 *6257
treatment 6177 16350 *6265 *60671 *85528
Acaromyces laviae 52377
Acarus siro 24786 *34189
Acaulona peruviana 43702
Accademia della Vite e del Vino *7724
Accademia Italiana di Scienze Forestali *75002
Accademia Nazionale Italiana di Entomologia *85324
Accident insurance
Germany *27313 *63267 *71270 *80065 *88242 *95642
Gt Brit 95640
Iceland *27311
Spain *18900
Accidents 6936 6950 25158 52912 78299 86107 *85532
Austria *25160
bibliographies 86119
employer liability 9919 *9915
forests 3554 50415 *3175 *41307 *91573
Germany *52915 *71270 *78312
Gt Brit 25165
Indiana 6952
Italy *86113
Kansas 17187
lumbering 3573 14730 14751 22443 22452 31865 32109 58893 *22442 *22450 *41307 *91931 *91932
New Zealand 25154 86100
Norway *22442
prevention 3146 3554 5989 6929 6933 6940 7227 17195 17202 17205 17206 25130 25151 25153 25172–25174 31865 32513 34726 34737 34741 34744 34745 41306 43947 43948 52909 53089 53133 58893 61331 78300 78307 78308 78314 78315 78320 86112 86123 86491 94222 *3596 *17190 *17407 *17520 *22450 *25168 *25170 *35043 *43941 *61334 *69068 *86111 *91573
Austria *6949
Colorado 25152
Finland *17198
Germany *31861 *78317
New Hampshire 52908 61323
Norway *6948
study and teaching 25159 78310
Sweden *50109 *75408
U S S R *31863
statistics 69064 78322
See also Accident insurance.
Acción Nacional Agraria (Chile) *28081

Item

Accounting 18915 19155 27692 37562 44007 46446 46454 63555 71612 71615 80324 88530 88534 88536 88539–88541 88543–88545 95835 *19159 *27697 *37559 *37561 *63548 *63552 *63553 *80321 *88535 *88537 *95834
Austria *10362 *18920
Colombia *19156
cooperatives *37567 *63556 *71617
Denmark *71611 *88538
Germany *10365 *27687 *27693 *37158 *71616 *80322 *95837 *95839
Gt Brit 19157 88533
Hungary *63547
India 19158 88532 88542
Japan 95838
Netherlands *37565
New York 46449
Norway *80323
Ohio 37563
Spain *46445 *55437
study and teaching *10358 *10361 *14356
Switzerland *10364
U S S R *10359 *10360 *10363 *10367 *27689 *27691 *37564 *37568 *37914 *63550 *63554
Yugoslavia *88531
See also Budgets; Farms and farming, records; and under specific subjects.
Acer 3420 89795 *2002 *20789 *74033
anatomy and physiology 20158 47948 56763 *56827 *91762
seeds *12309
thinning 41608
wood 83592
Acer campestre *50313
Acer platanoides 31525 *31686
Acer pseudocarpinus 14461
Acer pseudoplatanus 19999 56944
Acer rubrum 90718
Acer saccharinum 81439
Acer saccharum 3297 14680 *3318 *14452
anatomy and physiology *47904
biochemistry 41607
diseases 81294
growth 923
Aceria 52372 52388 77236 77628
Aceria cladophthirus *70761
Aceria sheldoni 68613
Acestophanus 77732
Acetaldehyde 12538 *95043
Acetates 1036 76327 81579 81719 90109
radioactive tagging 64723 76350 76999
Acetic acid 7966 79468 *29368 *35453 *44692
Acetoin *25849 *35555
Acetone 9394 9413 18613 79921 *69703
Acetonemia
cattle 4556 4604 4699 15339 23357 23387 51178 51258 59659 59712 59723 76381 76385 76409 84341 84382 84398 *32800 *42182 *92664
treatment 15480 51261 51272 76349 76369 84375 92636 *4702 *4711 *76262

*Text of this reference is not in English.

Item

Acetonemia-- Cont.
ruminants 41885
sheep
treatment 84375
Acetropis *43696
Acetyl 70925
2-Acetylaminonitrothiazole 84872
p-Acetylaminotropolone 90128
Acetylcholine 77128
ACH
effects on rabbits 15953
Acheleopsis n g *93731
Achenium *52446
Acherontacarus *68592
Acherontia atropos *68942 *78115 *93664
Acheta 6842
Acheta bimaculata *6864
Acheta campestris *6864
Acheta commodus 61261 61262 77247
Acheta desertus *6864 *17714
Acheta domestica *78229
Achilidae 52628
Achillea *135 *80999
Achillea micrantha *47253
Achillea millefolium *20189
Achimenes 21108 *13339
Achlya 11595 56341
Achras zapota 13726 57509 73785
juice and sirup *35439
Achroia grissella 25062 85907 *24593
Achromobacteriaceae 25607
Achrysocharis *6736 *68881
Achrysopophagus *43715
Acidophilus milk 28173 *18011 *69898
Acids 12556
determination 20474
effects on fibers *36035
effects on plants 12351 12357 12410 90095
therapeutic use *60155
See also names and kinds of acids, and subhead acidity under specific subjects.
Acioa 28562
Acmaeodera 6425
Acmocera *77740
Acneus 16554
Acomatacarus 52347
Acomatacarus (Xenacarus) n subg 34177
Aconceveibum. See Mallotus.
Aconitic acid 79923 95527
Aconitum 21107 72431 *29109
Aconitum lycoctonum 16912
Aconitum napellus *82544
Aconitum septentrionale. See Aconitum lycoctonum.
Acorns *29363 *31687 *31747 *41207
analysis and composition *5780 *15121
feed *5780 *15121 *33676 *51910 *59194 *60422
germination *31712
harvesting *31704
pests
U S S R *68456 *77774
storage *59194 *90121
U S S R *31745
weight and measurement *91859
Acquisition of Land Act (India) 10489
Acraea 17018
Acrasiales 38860 89884
Acrasieae 91226
Acreage and area 63654 69729
Australia 35428
Austria *53598
Germany *7663 *35413 *44620 *53605 *69743 *69746 *86692 *94616

Item

Acreage and area--Cont.
Gt Brit 71479 *53586
Wales *53586
Illinois 30791
India 7671 19092
North Dakota 27794
South Dakota 46589
Sweden *7687
See also under names of crops.
Acrida 6850
Acrididae *6865 *6867 *34648
Africa 17118
Argentina *6836 *6859 *17123
Cyprus 52863
cytology 17130
habits and behavior 52848 *61277
Iran 43888
Madagascar *69000
parasites *85889
U S S R *61258
See also Grasshoppers and locusts.
Acridine derivatives *786
Acridium zehntneri *17132
Acridodea *61273
Acridoidea 43893 43894 *34648
Acriflavine *20347 *76263 *92276
Acritolagria *68688
Acrobasis caryae 43819 52806 52811
Acrobolbus 11535
Acroceras macrum 48400
Acroceronia n g *77831
Acrocinus longimanus 60882 *43477
Acroclita 52770
Acrocomia totai *3309
Acrolepia assectella *52841
Acromyrmex *6721 *6728 *6749 *61103
Acromyrmex lundi *89938
Acrophylax zerberus *94184
Acroporium 72444
Acrosternum hilaris 93945
Acrosymphyton caribaeum 64285
Acrylonitrile 85442
Actacarus 34194
ACTH 15480
Actidione 28911 89983
Actinea odorata
weeds 57983
Actinidia 38457
Actinidia chinensis. See Yangtao Actinidia.
Actinometer *39081
Actinomyces 56581 72320 *502 *19885 *28417 *38392
biochemistry *56158 *56172
in soils 66206 *58144
Actinomyces scabies *81080
Actinomyces scabiosa *38661
Actinomycetes 64453 *11357 *40516 *64894 *72695
biochemistry *10 *64906
in milk *17880
in soils 13817
Actinomycin 28402
Actinomycosis 50865
cats *84540
cattle 92650 *23374 *59677 *84397
dogs 42374 *84540
horses 59929
swine *5835
Actinophage 20421
Actinospora megalospora 56340
Actinote erinome *16961
Actinotrichia *89434
Actium 93746
Activated brominated charcoal 1562
Acuaria uncinata 42647

Item

Acuariasis
poultry *84898
Acuminiseta 77887
Acupalpus *43415
Acyrthosiphon pisum 24925 24974
Adalia bipunctata 52486
Adamantinoma 84536
Adamea. See Adamia.
Adamia *47247 *80983
Adansonia digitata 19802 73963
Adansonia grandidieri *91130
Additional Municipal Hail Limited 95644
Adelaide University Waite Agricultural Research Institute 47110
Adelges 93949
Adelges abietis *20170
Adelges lariciatus. See Chermes lariciatus.
Adelges piceae. See Chermes piceae.
Adelocerina 77654
Adelpha *43794
Adelphocoris lineolatus 93976
Adenine 48156 *12353
Adenocalymma *28533
Adenocarcinoma
horses *5050
Adenophora triphylla 72391
Adenopterus n g 6842
Adenosine triphosphate 60165 77744
Adephaga *34251
Aderus *34273
Adesmia *6458
Adesmia aenescens *68664
Adhatoda vasica 56708
Adhesives 3668 3669 14873 14877 22610 22613 32045 32050 50516 53492 61554 67132 75557 75562 79800 83583 83591 92068 92070 *32053 *41487 *50508 *59031 *62869 *67139 *67143 *75564 *75565
animal 32054 50520 *50519 *87808
application 22620 67144
properties *3660
resin 14861 14878 41484 67134 75561 *22623 *50509 *59032 *67137 *92074
tests 67133 92066
vegetable 32047
Adiantum *30345
Adiantum scutum *13295
Adioristus *43457
Adipose tissue
sheep 16009
Adiposogenital syndrome. See Fröhlich's syndrome.
Adlay 81886 *20604 *65027 *89579
Adler V *89108
Adlerzia froggatti 52696
Admont Austria Bundesanstalt für Alpine Landwirtschaft *47129
Adobe *7358 *35128 *61632 *69437
Adonis 66089
Adoxaceae *28538
Adoxomyia *43528
Adoxophyes orana 34582 43763 43770 94087
Adoxoplatys *34468
Adra n g *52677
Adraneothrips 61287
Adrenal cortex
cattle 59712
Adrenal glands
cattle 4600 76385
poultry *93018
Adrenalin 15198 41948 76385 85234
Adrenocortical hormone. See ACH.

Item

ADRI vaccine 15837
Adrien F *72192
Adromischus 81044
Adsorbents *92258
Advertising 9775 9787 9788 25627 78748 *78758
See also subheads advertising; public relations under specific subjects.
Advisory services. See under specific subjects.
Aecidium 275 56327
Aedes 16790 43611 68789 *6613
anatomy and physiology 24887 24903
and disease 68796
California 16784
control 85807 85822
Fiji Islands 68796
Philippines 61012
Tahiti 61025
Aedes (Aedes) 16790
Aedes aegypti 6583 33952 61016 61017 77920
anatomy and physiology 24903 43578 43615 61019 93929 93930
and disease 24907 61026 68793 85021 *52604
control 43576 *6612
rearing and breeding 68798
Aedes albocinctus 16762
Aedes albotaeniatus 16762
Aedes bunanoki 34419
Aedes camposanus *43592
Aedes diantaeus 43611 61024 68802
Aedes dorsalis 15692
Aedes (Finlaya) 43588
Aedes galloisi 34418
Aedes infirmatus 16761
Aedes leucocelaenus 6600
Aedes pionips 93935
Aedes polynesiensis 24901
Aedes pseudodiantaeus 61024
Aedes pseudoscutellaris 24901
Aedes raymondi *6613
Aedes ruwenzori 61008
Aedes simpsoni 24895
Aedes squamiger 34395
Aedes taeniorhynchus 68792
Aedes theobaldi 24904
Aedes vexans 6610 85829
Aegaleus 43668
Aegeria tipuliformis 5978
Aegerita webberi 6675 24956
Aegilops 20216 20223
Aegimia 6869
Aeginetia indica 29127
Aegopodium 89348
Aegopodium podograria *74327 *74328
Aegorhinus *77736
Aegorhinus phaleratus 77798
Aegorrhinus phaleratus. See Aegorhinus phaleratus.
Aegus 85613
Aegyptianella pullorum *84900
Aelia germari *93961
Aelia rostrata *6628 *24957
Aellen V *85600
Aenasioidea *6736
Aenasius masii *85898
Aenictus 52697
Aenigmatopoeus *85773
Aeolothrips 34691
Aeonium simsii 89366
Aerangis coriacea 56249
Aerangis kotschyana 65719
Aero cyanate. See Potassium cyanate.
Aerobacter aerogenes 7982 8844 20472 *35685 *62087
Aerosols 6045 68390 68395 68469 68731 77290 85470 93352 93486 *425 *26970 *50844 *93455

*Text of this reference is not in English.

Item

Aerosols--Cont.
application 52160 85434 *22980 *33830
cockroach control 52560
fly control 6552 6563 52560 77882
grain pest control *16171
hazards and safeguards 60634
household pest control 43530 43531
livestock pest control 24185 *24393—*24395
milling pest control *5912
mosquito control 85800
plant pest control 24413
storage pest control *93429
tests 34656
See also Insecticidal smokes; Insecticidal vapors.
Aerotil 66138
Aesalus scarabaeoides *34264
Aeschna *6918
Aeschna coerulea *25147
Aeschnoidea *94209
Aeschynomene *56276
Aesculus
pests 16957
Aesculus castanea 39078
Aesculus hippocastanum 14462 *817 *29394 *93602
Aesopida 93778
Aetheopappus fedorovii *38450
Aethes 61224 *43831
Aethes piercei n n 61224
Aethina tumida 77448
Aethiopella *43908
Aethiopellina n g *43908
Aethiopomyia 34382
Aethus macrophthalmus *43694
Afforestation. See Reforestation.
African horse sickness 15686 32934 *84669
African oilpalm
anatomy and physiology 12189 *72965
biochemistry *29465
Brazil *74345
culture *20748 *21427
Dahomey *66042
diseases 19992 *11975 *28854
fertilizers *13927 *74629
germination *56842 *66060
Malaya 82620
pests *52791
See also Palm kernels.
African oilpalm meal *26933
African oilpalm oil *70921
African Violet Society of America 21018
African violets. See Saintpaulia.
Afrika Instituut 63626
Afrius 6670
Afrodacus 77872
Afrormosia elata 15014
Afrotremex n g *52722
Afzelia 3801
Agabus *77714
Agabus bipustulatus 93816
Agalactia 51968 51969 *85258
See also Contagious agalactia; Mastitis.
Agallia constricta 68803
Agapantha villosoviridescens 43430
Agapetes galathea 43778
Agapetidae 6823
Agapetus 17149 17176
Agapetus (Tagapetus) n subg 17176
Agar 64128 89519 *78940
Agar oil 41585
Agaricaceae 47336 *262 *89460
Florida 28703 38538
New Zealand *259

Item

Agaricaceae--Cont.
Trinidad 19870
Venezuela 19870
Agaricales 11605 *72499
Agaricus 38544
Agaricus campestris *90174
Agaricus hortensis *73107
Agastopsylla 43935
Agathidium 52460
Agathiphaga n g 34574
Agathis microstachya wood 32182
Agathis palmerstoni wood 32182
Agathomerus *52435
Agauria salicifolia *57930
Agave 8495 81920 *15076 *73480
See also Sisal.
Agave lata 166
Agave leopoldii 90738
Agave nizandensis 11456
Agermin *95102
Agglutination 4082 4615 5318 22989 23379 42125 42186 51644 92986 *4182 *4533 *4581 *5807 *22923 *23898 *32420 *50873 *51602 *59275 *59636 *67663 *76847 *83811 *92290 *92355
See also Hemagglutination inhibition test.
Agglutinins 23971 *42651
Aglaia 64222
Aglaophion *16926
Aglena 43679
Aglia tau *6808 *17009
Aglycones *12550 *64901
Aglymbus *77714
Agonatopodes *43729
Agonopterix 78088
Agonum 24742 77746 *24719 *85648
Agoseris *38478
Agrarian reform. See Land, reform.
Agrarian systems. See Land, tenure.
Agricere 14255
Agricultural Act of 1949 78812
Agricultural attachés 19688 38265 *19687 *28345 *38263
Agricultural Bank of Tasmania 88173
Agricultural Bur (Australia) 19419 71929
Agricultural colleges. See Land-grant colleges.
Agricultural Conservation Program 3066 3093 11180 27643 27682 37437 37438 37439 37519 55164 55324 55326 69751 71508 78852 80201 80234 88370 95771
Agricultural Co-operative Association 28048
Agricultural credit. See Credit.
Agricultural economics. See Economics.
Agricultural engineering. See Engineering.
Agricultural experiment stations. See Experiment stations.
Agricultural extension. See Extension work.
Agricultural history. See History.
Agricultural Holdings Act (Gt Brit) 10181 37341 71683 88646
Agricultural Institute of Canada 18987 46648
Agricultural ladder 27859 46540
Agricultural products 7418
Algeria *17560

Item

Agricultural products--Cont.
analysis and composition 25609 25610 25676 35235 53405 61717 69543 86540 *7466 *17575
Argentina *86520
Australia 7428 *94496
Queensland 35428
Belgian Congo *69533
Brazil *7435
British colonies 78700
Chile *17550 *17555
Colombia *86539
contamination 17565 *17632
French Equatorial Africa *7426 *25583
Georgia 7429
India *86516
Mozambique 94512
Netherlands *10101
Nicaragua 53401
Oregon 25609 25676
Peru *17552 *69510
Philippines 69537
properties *17575
Puerto Rico 25601
quality 44448 44465 *94552 *94575
regulation and inspection 17589 44504
British colonies 94571
Netherlands 35305
Oregon 25676 78771 78786
research 53399
situation and outlook 17554 25600 44407 55463 71516 80232 86521 94499
Brazil *25596
Chile 17550
Formosa 86538
Gt Brit 78701
New Zealand 78705
Sweden *17564 *69527
Uruguay *17545
Western States 53404
Switzerland *46331 *53403
Tanganyika 35235
Tropics 53381 *10976
utilization 25626
industrial 36007 44220 44583
Italy *57029
Texas 57026
Southern States 86560
Venezuela *53431
West Indies 17547
See also Raw materials; and names of products.
Agricultural Research Center. See U S Dept of Agriculture, Agricultural Research Center.
Agricultural Research Institute (Pretoria) 59420
Agricultural Society of Trinidad & Tobago 62001 88842
Agricultural Study and Report Group
New England-New York Inter-Agency Committee 10097 10112
Agricultural Workers' Organisation of Israel 46181
Agriculture 10005 10169 10174 10214 27248 27474 27872 27998 37267 37424 46255 46345 53439 55189 63727 63887 64095 71372 80148 88152 88810 88872 95710 *10036 *10056 *10107 *10113 *10660 *19023 *19029 *25698 *27256 *27257 *27526 *27536 *27551 *27583 *28063 *28179 *29887 *37299 *37320 *37335 *37342 *37380 *37405 *46260 *46320 *55170 *55197 *55311 *55332 *63437 *63676 *71387 *71415 *71430 *71438

Item

Agriculture--Cont.
*80198 *80214 *86525 *88330 *88397 *88403 *88412 *88413 *88414 *95707 *95726 *95740 *95758
Africa 55220 63426 63463 63464 *10128 *19038 *27522 *80170
Alabama 37369
Alaska 10132 37432 55227
Albania *37389 *55331
Algeria *88379
Angola *71377
Arab *63446
Argentina *10222 *27455 *27461 *27507 *27665 *46350 *55954
Arizona 46213
Asia *71477
Australia 10096 27425 27531 37261 63387 *27527 *63456
Murray Valley 80175
New South Wales 55987
Queensland 10029 37275 38179 55337 71471 80160
South Australia 46231
Victoria 31504 95741 96166
Austria 71512 95714 *37387 *55205 *88398
Azores 27488 *55175
Barbados 19591 89074
Belgian Congo *27567 *37386 *54982
Belgium *10111 *55182 *80142
Bermuda 89075
bibliographies 10045 19606 37260 37436 37443 37444 46346 80720 *9997 *10105 *27443
Arabia 37434
Indochina 10216
Iran 71506
Manchuria 37435
Netherlands 55163
Pakistan 37309
Tropics 80191
U S S R *27561
Bolivia 71504 *91672
Brazil *9797 *10065 *10122 *10203 *10204 *19798 *63401 *80127
British colonies 10010 19013 88390
British Guiana 11153
British Honduras 63961
Bulgaria *37390 *54995
California 27512 72153
Cameroun *27445
Canada 10053 11154 18985 18987 37318 37333 *10233 *19398
Alberta 80704
British Columbia 37270 80177 80707
New Brunswick 28271 47021
Nova Scotia 19619
Ontario 10147 19620
Quebec *10178 *19052 *55991
Saskatchewan 11205 27462
Canary Islands *10062
Caribbean area 63465
Ceylon 55183
Channel Islands 27426 *95713
Chile *10182 *19071 *27548 *55149 *55496 *71962
China 27523 55185 *10528 *46300 *55002 *71213
Colombia *10159 *18975 *27578 *55328 *80711 *88341 *89078
Colorado 55958
Connecticut 88143
Coral Atolls 19061

*Text of this reference is not in English.

Item

Agriculture--Cont.
Costa Rica *63381
Cuba 37325
Cyprus 10133 96167
Delaware 19599
Denmark 10208 11161
80715 *9983 *9984 *9985
*10066 *10109 *10167 *18974
*27490 *37294 *37314 *37339
*38058 *46228 *46271 *46318
*55182 *63357 *63424 *71212
*80228 *89079 *95747
desert regions 10189
Ecuador *37837
Egypt 46330 71453
*10044 *55140 *95700 *95690
Eighth Federal Reserve District 27489
El Salvador 27929 *80239
Europe 37424 63485
*10085 *10103 *46299
Fiji 55963
Finland *10067 *46208
*71366 *95759
Florida 10055 80185
Formosa 46276
France 10117
*9989 *10019 *10068 *10164
*11188 *21803 *27456 *27559
*37394 *37399 *37404 *46327
*46328 *55336 *63371 *71392
*71510 *80155 *80165 *88319
*88346 *88441 *95691
Alsace *71405
Brittany *71414 *80209
French Equatorial Africa *85 *10039 *71355 *80144
French West Africa *27477
*71356 *71380 *80144
Gambia 89082
Germany 63443 *10086
*10115 *10116 *10125 *10165
*10186 *10205 *10226 *12914
*27513 *27514 *27585 *37317
*37347 *37361 *37362 *37380
*37402 *37821 *46314 *46319
*55161 *55178 *55258 *55269
*55336 *55597 *71419 *78888
*80179 *80199 *80420 *88388
*88426 *95718 *95727 *95757
Lower Saxony *71373
Russian Zone 9976 88442
*10198 *54978
Schleswig-Holstein *95699
Gila River Valley 37280
Gold Coast 11167 31482
Gt Brit 2692 10011 10015
10018 10040 10070 10081
10084 10087 10129 19031
19039 27422 27897 37271
37295 46336 63485 71434
80247 *10135 *10142 *19043
*27964 *46214 *55153 *55154
*55241 *95702
Scotland 27587 63993
80162 *95720
Great Plains 27534
Greece 55213
Guatemala 27464
Haiti *63411
Hawaii 38163
Honduras 19060 *11172
Hong Kong 96174
Hungary *54990
Iceland *38155 *71401
*95739
Illinois 10232 46352
in art *71406 *80125
in literature 46240 46307
55700 63417 63418 71457
80200 95743 *10001 *55293
*71432 *71482 *72208 *88334
*88391 *95737
India 19034 19215 27232
55271 71473 89090 96188
*10043 *18998
Assam 38152
Madras 10137 28269
38170
Mysore 38174
Punjab 71472
West Bengal 96190

Item

Agriculture--Cont.
Indochina *95753
Indonesia *88429 *95776
Iowa 55979
Iran *71400
Iraq 63412 *80150
Ireland 46280 55980
Isle of Man 11173 38167
80721
Israel 10231 27496 46268
71436
Italy 27511 27579 *10051
*10061 *10126 *10149 *19027
*19044 *27452 *37666 *46244
*46312 *55166 *55195 *71363
*71404 *71411 *71469 *74700
*80139 *88322 *88384 *95598
*95687 *95774
Anzio *95762
Liguria *27530
Maremma *80193
Pescara *71464
Piedmont *71455
Polesine *80138
Sondrio *55193 *71491
Tuscany *88340
Valtellina *71383
Jamaica 96175
Japan 37330 46289 *10207
*27532 *37336 *37388 *80226
*80810 *88359
Java *80129
Kansas 10721 19610 80154
80500 96176
Sherman County 55234
Kata·ga *88404
Ken·.cky 89086
Kenya 89087
Latin America 27498 71503
*19068
Leeward Islands 89089
legal aspects
Germany *18969
*18983 *19008 *19072
Gt Brit 88326
Netherlands *80151
Luxembourg *71445
Madagascar *27517 *27575
*88436
Madeira 27488
Maine 19299
Majorca *55148 *71364
Malay Archipelago *37401
Marshal Islands 21457
21481
Massachusetts
Franklin County 71446
Mauritius 38173
Mediterranean Region 88367
Mexico 63380 71385 80648
*10206 *19049 *19065 *19613
*37328 *80210
Chihuahua 27497
Lower California *37306
Sonora *37307 *63397
Michigan 72165
Middle East *71376
Midwestern States 27495
Mississippi 18990
Missouri 72166 *27486
Missouri Valley 27430
Montana
Cascade County 55184
Morocco *9998 *10016
*18981 *63362 *71409 *88310
mountain areas
France *19036 *71370
*80192
Italy *55202 *55277 *63465
*71396 *71519 *88383
Sicily *71517
Switzerland *27435
native
Africa 46351 88400
*69119
Antilles *10254
Nyasaland 71458 88389
Peru *55278
Nebraska 19615 27584
55986

Item

Agriculture--Cont.
Netherlands 10091 10101
10119 10139 10141 10148
10195 10224 63423 80240
*10037 *17649 *19018 *19047
*27424 *37269 *37281 *37408
*38182 *46283 *46594 *55167
*55168 *55182 *55263 *63410
*63970 *71449 *80194 *80725
*88385 *88387 *88392 *88401
*88439
New Caledonia *27479
New Guinea 9986
New Jersey 19618
New Zealand 9762 10033
10034 10140 27434 28274
55160 71381 80133 88331
*27451 *27527
North Africa 27592 *14048
*37263 *46205 *55144 *63446
North Carolina 80204
Northeastern States 10097
Northern Ireland 11193
63416
Northern Rhodesia 11194
Norway 18977 37403 *10145
*27440 *27504 *37412 *38181
*55150 *55209 *55210
Nyasaland 11195 80729
Oceania 37418
Oklahoma 37446 95705
Pakistan 10064 63360
80215 *9975 *55301
Paraguay *55236
Peru 63391 *19318 *46235
*80130 *80163
Philippines 11199 19070
37392 38037 38045 71476
95763
Poland 55004 *10123 *10168
*71450
Portugal *18973 *55291
productive capacity 7415
10102 25755 27421 27608
35242 37356 37420 46343
55190 55191 63361 63409
63429 71219 71375 71439
71481 71495 80232 80233
86530 88302 88349 88372
88435 88466 95760 95765
96179 *19042 *27533 *37254
*37319 *37324 *37398 *37942
*46227 *52990 *55199 *63396
*69736 *71426 *71451 *80389
*88324 *88420 *95708
Australia 71493 80224
*46232
Austria *37268 *37343
*37344 *46287 *46288 *55242
*55243 *55244 *55246 *61337
*63400 *69674 *88365
Belgium *37426
Brazil *10201 *80159
*95701
California 63385 63386
88350 95721
Canada 27462 37374
*46232
Chile *37313 *63398 *80062
*95719
Colombia *71498
Columbia Basin 95688
Costa Rica *10179
Denmark *38058 *80145
Europe 37290 *37256
*88316
France *35415 *46229
*55321 *63420
Germany 19017 *27525
*37414 *46264 *46308 *54030
*55174 *63433 *71461 *80132
*86531
Gt Brit 7421 25755
46220 46275 63409 71479
80122 80220 *37289 *44012
Scotland 37265
Illinois 55221 55222
55223 55224
Iowa 46121
Israel 88366
Italy *55207 *80146

Item

Agriculture--Cont.
productive capacity--cont.
Japan 27500 95766
Kansas 55229
Louisiana 71454
Madagascar *9994
Netherlands *37346 *37426
*46284 *71448
New York 55165
Ohio 55276
Oklahoma 37385
Peru *55188 *63368 *80218
South America *10000
*53383
South Dakota 46335
Southern States 80182
Spain *14113
Tropics 27542
Union of South Africa *63454
U S S R *27554 *55199
*88343
Utah 55327
Pakistan 27506
Panama 27467
Portugal 27488
Puerto Rico 18993 37730
*11200 *21952 *27844
regulation 9755 55330
63352 63448 80136 88418
88431
France 80188
Germany *71484
Gt Brit 80156
Spain *71358
U S S R *88422
Rhode Island 11202
Romania *9752
Saipan 10200
Samoa 37358 46347
Sarawak 11204 27557
Senegal *88317
Seychelles 63995
Siam 10192 63452 95761
Sierra Leone 31199
*63996
situation and outlook 9990
10007 10112 10121 10144
10153 10183 10212 17709
18967 19003 19004 19022
19032 19041 19073 27418
27441 27444 27453 27480
27481 27482 27519 27520
27570 27586 27589 34749
37252 37284 37285 37286
37287 37312 37322 37332
37352 37353 37356 37360
37395 46225 46226 46245
46251 46252 46337 46339
54987 55159 55190 55259
55280 55309 55310 62394
63351 63378 63458 69727
71397 71497 71499 71500
80131 80134 80152 80153
80168 80243 80245 88375
88376 95694 95725 95764
95769 *19015 *27543 *27582
*37348 *46227 *46249 *46291
*55290 *55296 *71216 *71428
*80203
Alabama 10024
Algeria 27454
*55143 *88396 *95751 *95752
Angola *88325
Argentina *10138 *27573
*37258 *55340
Arizona 63438
Asia 10194 *71700
Australia 18984 19030
27433 37340 55158 63373
Victoria 88386
Austria 95716
*10162 *10188 *27485 *37304
*44638 *46261 *46265 *55000
*55212 *55238 *71421 *71433
*71466 *88377
Belgian Congo *63432
Belgium *18972 *46304
*63383 *71427
Balearic Islands *9980

*Text of this reference is not in English.

Item

Agriculture--Cont.
situation and outlook--cont.
Brazil 55265 *10075 *27541 *37310 *46253 *63395 *63408 *80206 *88432 *95717
British Commonwealth 71379 71417
Burma 37326
Cameroons 55211
Canada 9990 10049 37321 46212 46223 63369 71378 *10057 *18994 *37266 *71410 *80140
Saskatchewan 63425
Caribbean area 37376 88415
Chile *10050 *37445 *71490
China *63422
Colombia 10218 *27457
Columbia Basin 58469 58477 71487
Curaçao *18997
Czechoslovakia 37323
Denmark *37413 *46234
Ecuador *10025
Egypt *55194
El Salvador 55003
Far East 10194
Fiji 18992
Finland *27465
Formosa 27550
France *10221 *27447 *27476 *37302 *37303 *37366 *37393 *37428 *63370 *63376 *71463 *88329 *95724
French Indochina *19005
Germany *10175 *10176 *10210 *27492 *27558 *27564 *27565 *37293 *37305 *37315 *37316 *37391 *37409 *37415 *37416 *37417 *46270 *46285 *46305 *46310 *46323 *46333 *55256 *55287 *55288 *55303 *55304 *71441 *71513 *88338 *88351 *88352 *88395 *95699 *95754
Russian Zone *55284
Gt Brit 19040 27418 27471 27577 46206 80217 88326 88373 88425 *10225 *19053 *37375 *46282 *46329
Wales 10069 10219
Great Plains 27468
Greece *88314
Guatemala 27442
Iceland *63450
Illinois 46210 88680 95756
India 46309
Indiana 10173
Indonesia 63514
Iowa 55206
Ireland 55275 63394 63457 *80149
Israel 27556 *19012 *55285
Italy 46290 *10023 *10134 *10155 *10161 *18970 *18979 *19045 *19056 *27537 *27539 *37406 *46222 *46353 *55196 *55201 *63358 *63363 *71357 *71389 *71395 *71511 *95713
Japan 10013 27429 *54985
Kansas 80141
Kentucky 55232
Latin America *19002 *71502
Louisiana 71444 71454
Madagascar *27472
Malaya 54992
Mauritius 37367
Mexico 37373 55305 *10157 *10158 *95706
Mississippi 71486
Morocco *18968 *27437 *27438
Netherlands *10230 *19024 *37425 *46301 *55260 *55273 *88406

Item

Agriculture--Cont.
situation and outlook--cont.
New Jersey 88320
New York 27439
New Zealand 10076 80246 *46317
North Africa *46218 *95697
North Carolina 10143 37396 46311 80229
Norway 37300 *80169
Oklahoma 10124
Oregon 9977 95693
Pacific Northwest 46322
Pakistan 27591 55215
Peru *88408
Philippines 37283 37407 80180 80190 80225
Portugal 10002
Puerto Rico *37338
Ryukyu Islands 10013
Réunion *18995
Rio Grande Valley 19010
Sardinia *46241
Siam 27571
Sicily *88312
Singapore 54992
South Carolina 46326 80211
South Dakota 46217
Southern States 18988 27448 27790 37274 80124 80248
Spain *10110 *37257 *37370 *54984 *55247 *55292 *55294 *55295 *63436
Sweden *9978 *37447 *46209 *55218 *55308
Switzerland *46331 *80172
Territoire du Niger *71465
Texas 46338 71394 88335 88353 88382 88399 88416
Trinidad 37400
Turkey 27493 37291
Uganda 10209
Union of South Africa 14094 19066 46273 63442 *71360
U S S R *10042 *10228 *27505
Uruguay *46317
Venezuela *46278 *71369
Vermont 95735
Virginia 80227
Washington 10080 46272 55217 63388 80166 80167
South America 10196
South Carolina 63997 63441
Southeastern States 10031 80208
Southern Rhodesia 37292
Southern States 19000
Spain 54998 95598 *10022 *10095 *10197 *37047 *37334 *55198 *55316 *63446 *71424 *88409
Sudan 37423 96185
Surinam *46236
surveys 75210 75221 75223 80126
China 27562
Kansas 55234
Nicaragua 10054
Pakistan 55141
Pyrenees Mountains 27590
Switzerland *27435
U S S R 10014
Sweden 29861 63980 96177 *10021 *10082 *27483 *28148 *37259 *37273 *37421 *38300 *46332 *47013 *55151 *55152 *55318 *63451 *63981 *72070 *72175 *88363 *89088 *89091 *96163 *96172
Switzerland 54989 *19051 *27420 *27436 *37422 *88357 *88368
Syria *80150
Tanganyika 28281
Tenth Federal Reserve District 55181

Item

Agriculture--Cont.
terminology *80202
Spain *19011
Territoire du Niger *95695
Texas 10146 10202 19062
Tierra del Fuego *27427
Trinidad and Tobago 28282 89098
Tropics 63353
Tunisia *27528 *27529 *34768 *37372 *46302 *71407 *71469 *88313
Turkey 10100 27463 27852 *9996 *19025 *55216 *71402
Uganda 11215
Union of South Africa 27965 55322 64043 88433 *55225
U S S R 10152 27473 27560 46281 *2957 *10170 *10220 *25234 *27432 *27458 *27576 *30832 *37288 *37363 *37368 *46263 *48210 *55319 *55387 *63213 *63365 *63427 *63439 *80181 *91145
Black Sea area *27503
Caspian Sea area *49899
Caucasus *37253 *71437
Georgian SSR *9988 *10088
Latvia *95749
Upper Cimarron area 37311
Uruguay 10099 27824 55186 *55329
Venezuela 54991 *10177 *18845 *46324 *55289 *88328
Vermont 55164 95767
Viet-Nam *63447
Virginia 19594
Wallis Islands *88430
Washington 63384
West Indies 10071 10150 37397 63382 63465 *95773
West Virginia 11224 71509
Wisconsin 63461
Agriculture Act of Gt Brit 10181 37341 *71359
Agrilus 6425 *85695
Agrilus angustulus *24772
Agrilus biguttatus *14440
Agrilus sinuatus *78117
Agrilus ruficollis 34298
Agrilus viridis *6500 *16578 *43453 *52493 *68713 *77801
Agrioclopius 85870
Agriorrhynchus *43452
Agriotes *52423
Agrobacterium tumefaciens 525 11964 38776 47612 56582 72818 72819 *72805
control 20109
Prunus amygdalus 64534
sunflowers *81311
Agrobiology *13876 *37288 *50663
Agrochola 78209 61147
Agrocide. See Benzene hexachloride.
Agromyza *60911
Agromyza nigrescens 93906
Agromyza orchidearum *60918
Agromyza oryzella *34341 *34380
Agromyza veris *43516
Agromyzidae 24805 60919 93852 *34372 *34373 *60911 *77893
Agronomists 11276 73368
Canada *63709 *80580
Italy *12930
Switzerland *63714
U S S R *55389 *55704 *71556 *90199
Agronomy 1110 20509 29500 48231 58126 *1103 *1123 *12570 *20515 *57002 *57020 *66522 *66523 *73353 *90189 *90201
Algeria *73350
Arctic Regions 29511
as an occupation *39695
bibliographies 2520

Item

Agronomy--Cont.
Brazil *12568 *29498 *48239
California 1097
Canada 90209
conferences and congresses 73369 *48207
desert regions *12568
Finland *39299
Germany *20488
Gt Brit 20517
Hawaii 64937
Indochina *81791
Italy *48243
Japan *64940
Mongolia 29520
Oklahoma 1115
research 20512 29512 81809 *20487 *48201 *57001
Belgian Congo *12573
Belgium *29517
El Salvador 29497
France *12567
French colonies *12567
French West Africa *20481
Ivory Coast *81816
Niger *90202
South Carolina 90211
Spain *1121
statistical methods 1201 2192 12569 12668 12712 15381 39302 39605 48601 56381 57000 64945 73355 81800 81805 90186 90201 90248 90254 *1081 *1082 *1106 *29515 *39291 *48200 *57006 *64916 *64942 *73361 *73380 *73425
study and teaching 57023 *29515
U S S R *2793 *20478 *20484 *20502 *21854 *29511 *39283 *48210 *48227 *48515 *81880 *90215
Yugoslavia *81807
See also Fertilizers; Field crops; Soils.
Agropyron
control *74279
culture 57233 *48553
diseases 12006
hybrids 19818 *90225
pests
control *77756
planting 12734
seeds *29784
U S S R *29784 *48553 *57255 *77756
varieties 73501 90404
Western States 39477
Wyoming 73501 80940
Agropyron cristatum 39026 91072 *39470 *58225 *60951 *65228
Agropyron elongatum 28942
Agropyron imbricatum
U S S R *29809 *82086
Agropyron intermedium 12287
Agropyron raegnerii *48468 *57183 *73498
Agropyron repens 91002
control 21402 21410 40259 91092
diseases 19998
hybrids *39195 *64639
Agropyron spicatum 1457
Agropyron trachycaulum 81950
Agropyron trichophorum 89859
Agrostis 734 39532 89755 *1415 *73576
Agrostis alba 81964
Agrostis canina 23103 81965
Agrostis palustris 39493
Agrostis platensis *11493
Agrostis spica-venti *40310
Agrostis tenuis 73111
Agrotidae. See Phalaenidae.
Agrotis cursoria *6830
Agrotis lidia *17103
Agrotis orthogonia 5884 94102
Agrotis polygona *78180
Agrotis praecox *6830

*Text of this reference is not in English.

Item

Agrotis pronuba *68995
Agrotis segetum *85992
Agrotis vestigialis *6830
Agroxone *82576
Agstone. See Limestone.
Agulla adnixa 25143
Agymononyx *16583
Aichinger E *56671
Ailanthus *22259
Aiolopus 17130
Aiphanes 28577
Air sacs
poultry 42714 60154 76781 93019
diseases 51656 60140 76792
turkeys 93026
Aircraft 11647
ambulances 28045
bibliographies 92054
construction
wood 3811 22750 41473 59026 59037 92073 *32033
disinfestation 68395 77262
in agriculture 1494 2386 7203 7227 7238 17402 17429 17412 17417 17434 21698 31226 40548 40880 58167 69344 69356 69362 69369 *7192 *7230 *7249 *25453
in fertilizer application 2800 13956 21662 49642 66329 66331 66344 66372 91289
in forest fire control 3512 14655 14660 22391 50369 58868 66986 66987
in forestry 20645 22292 22384 25038 41254 41268 58818 *58830
in grass fire control 6930
in pest control 6602 6608 6760 6835 16243 24399 33912 34680 43585 43594 52600 61504 64309 64320 78225 85719 85989 86006 93446 93507 94066 94106 *5908 *6439 *16620 *17055 *24374 *52036 *52150 *61128 *68447 *68466 *68615 *68698 *68935 *69334 *94383
Florida 24893
Madagascar *69000 *94176
Netherlands 77241
Spain *33840
U S S R *24375
in plant disease control 16634 77241 *11677 *11881 *47422 *86321
in rabbit control 11158
in seed planting 22344 39440 41215
in soil conservation 3081 74832
in weed control 13636 30528 30584 30602 30605 30607 30621 40286 65931 74240 74333 82566 91054 91083 *91057 *94383
See also Photography, aerial; and subhead by aircraft under specific subjects.
Airports 14654 46575
AIV acid *3858
Aizoaceae 11502 29384 82430 *72389 *80971 *80972 *81023
Akademiîa Nauk Armîanskoĭ SSR Botanicheskii Sad *28418
Akademiîa Nauk Belorusskoĭ SSR
Biologicheskiĭ Institut *28633
Akademiîa Nauk Éstonskoĭ SSR
Institut Zhivotnovodstva i Veterinarii
Opytnaîa Stantsiîa "Piĭstaoiîa" *50968
Akademiîa Nauk Gruzinskoĭ SSR
Institut Vinogradarstva i Vinodeliîa *30057

Item

Akademiîa Nauk SSSR *30354 *47112 *47130
Botanicheskiĭ Institut im. V. L. Komarova *38358 *56143 *89222
Dagestanskiĭ Filial *47117
Glavnyĭ Botanicheskiĭ Sad *28424 *28425 *28428 *28460 *30312 *30358 *30461
Institut Mikrobiologii *56734
Komi Filial *56098
Moldavskiĭ Filial *96248
Akademiîa Nauk Turkmenskoĭ SSR *46693
Akademiîa Nauk Ukrainskoĭ SSR *89168
Institut Lesovodstva *91607
Akademiîa Nauk Uzbekskoĭ SSR Botanicheskii Sad *38387
Akee. See Blighia sapida.
Akrades Tobacco Experimental Station 39651
Akron University *9617
Aktiebolaget Svenska Tobaksmonopolet *71166
Alabama Agricultural Experiment Station
reports 89154
Tennessee Valley Substation 37621
Alabama argillacea *94079
Alabama Cattlemen's Association 26810
Alabama Dept of Conservation
Div of Forestry 83229
Alabama Polytechnic Institute 78321 87053 87054 94833
College Poultry Farm 15815
Alabidocarpus 60781
Alamanni L *95737
Alamira n g *85773
Alamirinae *85773
β-Alanine 12239
Alaska Agricultural Experiment Station
reports 38295
Alastor n sgen *52694
Alaus 60885
Albert Agricultural College 63719
Albert Prager Herbarium 80868
Alberta Dept of Agriculture 80704
Alberta Dept of Lands and Forests 63476
Alberta Federation of Agriculture 28049 37917
Alberta University 4665
Alberta Wheat Pool 36314
Albinism
hamsters 67953
plants 29373 39018 47604 56575
Albizzia 83643 *1893
Albizzia caribaea 50626
Albizzia lebbeck 90154
Albuca *11452
Albugo candida
horseradish 72770
Sisymbrium pinnatifidum *47558
Albugo occidentalis
spinach 64495 89648
Albumen 23950
Albumin 26007 71018 87922 *26079
Alcecoris 68808
Alcohol 12556 20445 23336 23337 26945 *14997 *26968 *27108 *35518 *36724 *53414 *70450 *78722 *86556 *95043
analysis and composition *17803 *35222 *61957
determination 12513 36150 44729 69795 69796 *35599
from agricultural products *63063
from cassava *26490 *62643
from fruit *79378

Item

Alcohol--Cont.
from grain 8943 9030 18445 45552 62753 *9045 *18418 *36388 *36389 *36421 *45561 *70730 *70731
from grapes 18308
from Jerusalem artichokes *26590
from lanolin 18163 54072
from potatoes *7732 *45561 *54386
from sugar 18773 71141 79957 79963 79975 88079 *27108 *63097
from wood 83656
in oil extraction 70910
in plants 90112
in wine *35599 *61900 *69799 *78924 *86714
in wine manufacture *78935
manufacture *17734
tests *94761
See also Allyl alcohol; Amyl alcohol; Butyl alcohol; Isopropyl alcohol; Metnanol.
Alcoholic beverages *9045 *86811
analysis and composition 69796 69824 69856
containers 7789
Germany *7759 *69811
manufacture *17808
Ruanda-Urundi *25767
Alcoholism 80677 *19325
Alcoholometers *69799
Alconeura 61037
Aldehydes *35222 *45785
Alder. See Alnus.
Aldrin 6059 24464
effects on plants 77289
fruit pest control 77244
grain pest control 85657
grasshopper control 52854 69001
properties 6005
residues 52195
seed pest control 34225
tests 68492 68806
toxicity 23895 33943 52162 85446
turf pest control 68689
vegetable pest control 52809
Aldrovandi U De animalibus insectis 93323
Alectra vogelii 12262
Aleurocanthus woglumi 16866 68779 77914 *16857 *24939 *61063 *77833
Aleurodiscus 56358
Aleurolobus barodensis 6654
Alexander State Forest 83258
Aleyrodes 6675 24956
Aleyrodidae 6672 *52680
Alfalfa 57010 65200 *1345 *11711 *12757 *39550 *48381 *49467
Alabama 48412
analysis and composition 8405
anatomy and physiology 724 12459 12504 12824 30789 39044 39087 39207 81522 81611 *883 *917 *39500 *90053
Arizona 1332
Arkansas 48565
Australia 81932
bacteria 58146
bibliographies 8341
biochemistry 12561 12562 81776 *20469 *20470
breeding 20662 48390 *39437 *65174 *73646
costs and returns 19184 46507
culture 1410 39546 *1309 *12727 *39538 *65104 *65168
Belgium *1374 *82045
Canada 65147 *57221 *57326
Denmark *65104

Item

Alfalfa--Cont.
culture--cont.
Germany *1308 *48413 48456 *90331
Russian Zone *90311
Gt Brit 1340 39555
Ireland 90340
Italy *29805 *30849 *65084
Norway *90421
Spain *57326
Union of South Africa 1336 12784
U S S R *12723 *20646 *20679 *39499 *39582 *48449 *57240 *57275 *65228 *82084 *90312
Uruguay *65117 *65185
directories 18748
diseases 38691 64433 72621 *72882 *81351
Canada 47485
resistance 29758 81313
transmission 559 64578
U S S R *89716
dried 8374 8405 67257
feed 3864 4440 5245 5643 5653 15091 51817 59185 59563 67271 83757
drying 34942 44130
Eastern States 29811
equipment 7250
feed 1400 4470 4518 5246 12732 15991 19184 23250 42596 50800 51908 60408 67257 76155 76169 33777 84230 92952 *59184 *67274 *75816
fertilizers 12503 31034 58312 63258 82820 91344 91360 *917 *49554 *49582 *49583 *49756 *58225 *58314 *74538 *82895
France 30374 *39520 *73581
genetics 81462 81467
U S S R *20226 *38999 *49730
hardiness 1223[illegible]
harvesting 12788 19184 48451
hay 23244 32272 58312 59551 *54044
analysis and composition 22838
feed 15354 22838 51099 68226 76236 *60434 *85072 *92848
history 1479 12838 12839 20733 28296
industry 35890
inoculation *21550
insecticidal residues 93540
irrigation 12788 31105 49910 *14083 *40822
Italy *49830
Kansas 1360
mountain areas *1488
Nebraska 48380
New Zealand 1390
North Carolina 724
pests 5931 34455 43796 77976 93968 *43502 *43768 *93370
control 5921 24930 34280 34487 43631 52102 52658 59551 60564 61069 68416 68675 77238 77250 93431 *16 *5916
Morocco 16228
Sardinia *43762
U S S R *85830
Utah 34625 77238
planting 12841 82820 *48457
U S S R *1383 *1453 *39535 *39539 *48393 *57242 *57341 *65143 *65203 *82051 *82059 *90399 *90424
pollination 5931 52102 52313 60696 60736 68535 68590 68895 77566 93431

*Text of this reference is not in English.

Item

Alfalfa--Cont.
pollination--cont. 93599 94013 *24627 *53029 *65209
processing 8352
propagation 29708
research 8361 8402 83777
seeds 1481 5931 12759 12762 29732 39491 52313 57262 60736 68590 68895 *20678 *29760 *53120
Canada 45931
cleaning *18733 *36883
France *29810
grading and standardization *9619
Illinois 73530
Italy *81946
Kansas 18731
pests *61125
U S S R *39561 *48459 *48532 *48536 *57313 *65148
Utah 68535 94013
Washington 43356
yields 77250 81982
U S S R *20348 *48463 *58349
Yugoslavia *95468
situation and outlook 35898
soils 91201
spraying and dusting *413
statistics *70307
U S S R *20470 *39500 *39554 *57237
varieties 12769 20660 29758 29771 90397 *12727 *39521
Algeria *90364
Canada 12741 39564
Colorado 39569
Gt Brit 57227
Iowa 73640
Maryland 82056
New York 82033
Oregon 48523
Sweden *81929
U S S R *1485
vitamins 22847
Washington 64711
weed control 2393 12459 57929 *21366 *40277 *47384 *47385
yields
U S S R *57208 *90353
Alfalfa Improvement Conference 65215
Alfalfa juice 23794
Alfalfa meal *59202 *60443
analysis and composition 70305
feed 3856 4514 5205 5206 5217 5223 5227 5651 5787 5788 10590 15781 22847 60072 85226 *50727 *67276 *75816
Alfalfa caterpillar. See Colias philodice eurytheme.
Alfalfa Research Council 8402
Alfalfa snout beetle. See Brachyrhinus ligustici.
Algae 28659 47324 56318 64279 *240 *2474 *11555 *11566 *19858 *28642 *38405 *64829 *72459
anatomy and physiology 228 935 12419 12420 12428 56815 73027 81431 81566 81648 *233 *872 *29086 *29408 *56879 *73164 *73182 *81656 *81728
Australia 56312 56313
Belgian Congo 11562
Bermuda 64271
bibliographies
U S S R *56304
biochemistry 56967 64909 90152 *56976
control 13537 30609 74252
cultures 216 219 225 227 229 234 235 237 11556 56309
Denmark 232

Item

Algae--Cont.
diseases *38719
ecology
Australia 644
China 12057
Gt Brit 644
Egypt *64270
France *28653 *47318 *89422
Germany *217 *67274
Gold Coast 64295
Gt Brit 11554
Greenland 81071 89430
in soils 11563 11573 13796 38507 89435 91221
Japan 238 *11565 *11568 *47322 *89432
Kerguelen Islands *38509
marine *38508 *89422
Mauritius 28641
molds *38719
New York 19861 64280
New Zealand 11558
nitrogen fixation 13818
North Africa *64278 *89425
Norway *11569 *47329 *89428
Palestine *56316
Portugal 28650 *28658
Southeastern States 89431
Spain *233 *72456 *89419 *89426
Sweden 28654 81078
Switzerland *28655
Tatra Mts *81072 *81076
taxonomy 47330 *222 *56314 *81073
toxicity to cattle *59681
toxicity to livestock 50900
toxicity to man 50900
U S S R 11567 *56306 *56311 *56315 *81065
utilization 2423
varieties 64286
Wisconsin 11577
See also Seaweed; and names of algae.
Algemeene Nederlandse Pluimveeteelt Vereniging *5174 *18699
Algemeene Nederlandse Zuivelbond. *7850
Algemene Kunstzyjde Unie 36010
Algeria Consell de l'Experimentation et des Recherches Agronomiques *96237
Algeria Inspection Generale de l'Agriculture *73350
Algeria Station de Génie Rural *43956
Alginates 54137 *17579
bibliographies *71183
Alhagi
U S S R *83773
Altbertia n g *6736
Alienidae. See Alieniscidae.
Alieniscidae *16881
Alieniscus n g *16881
Alimentary system
horses *23632
insects 61091 77719
poultry 42704
Alisma plantago *56793
Alissonotum *52414
Alitocoris schraderi 24950
Alizarol test *69982
Alkali 27173 62400 73140 79286 *81753
Alkaloids
plants 904 1052 1076 12516 12517 20462 26650 27191 37004 39227 43254 48151 48165 64884 73306 90135 90147 90158 *1058 *12398 *12545 *12546 *12549 *12557 *12559 *16062 *29448 *48150 *73203 *81590 *81772 *81773 *81775
Alkanolamines. See Alcohols.
Alkylating substances
halogenated *93825

Item

All America Selections 20796 21258 29888 39662 39676 40005 40006 40664 49156
All India Bee-Keepers Association 16317 34074 93553
All-India Veterinary Conference 50934
Allahabad Agricultural Institute 19161 94793
Allamanda cathartica nobilis *73013
Allantula 56326
Allegheny National Forest 31393 75040
Alleles 23723 60910 60922 81484
Allergens *85129
Allergies 4152 28173 51647 *59366 *92244
See also Allergens; Plants, allergenic.
Allescheriella crocea 11593
Allethrin 16802 52130
properties 33924 68525
synergism 33926 52530 60830
Allgemeine Geschäftsbedingungen für das Grosshandelsmässige Handeln mit Eiern *45890
Allgemeiner Verband für das Landwirtschaftliche Genossenschaftswesen in Osterreich *71930
Allicin 15186
Allis Chalmers Manufacturing Co 61700
Allium 12200 65610 *89821
Allium canadense 13576
Allium cepa. See Onions.
Allium chamaemoly *2353
Allium giganteum 65785
Allium ursinum *30694
Allium vineale. See Garlic, wild.
Allmänna Svenska Utsädesbolaget *9618
Allocerastichus 34508
Allocotocera 77862
Allodermanyssus sanguineas 52387 85560
Alloeorhynchus *43636
Allomegops n g *60834
Allomyces 38957 56710 *90120
Allomyces arbuscula 29439
Allopauropus *85588
Allophyes *61147
Allopolyploidy. See Polyploidy.
Alloporus n sgen *52345
Allothrombium *93731
Allotment gardens 19196
Gt Brit 20815 29886 48663 65304
Netherlands *21217 *65788 *90930
Norway *1594
Sweden *73706 *82125
U S S R *57484
Alluaudomyia 68787 85789
Alluvial soils *90087 *91415
Allyl alcohol 13588 13627 74291
herbicide *49258
Allyl homolog of cinerin I. See Allethrin.
Allyl starch 17588
Allyl sulfide 39088
Almanacs 38176 72158 96171
Argentina *55954
Austria *55981 *63960
Cuba *72151
Dominican Republic *72088
El Salvador *63956
France 57403 *57576 *62000 *63474 *63475
Germany *11152 *17846 *17857 *28252
Norway *47014
Spain 38150

Item

Almanacs--Cont.
Sweden *11191 *11197 *55989 *96186
Switzerland *28248 *80703
Tunisia *38149
Almeida A N de *47061
Almond (tree). See Prunus amygdalus.
Almonds
analysis and composition *70532 *87354
California 26503 95042
cooperatives 26503
costs and returns 55446
drying *87470
fumigation 77889
grading and standardization 54330 54334
harvesting 55446 65488 78461
hulls
feed 15108 15991
pests 34629 61098
proteins *45407
situation and outlook 8650 45296
Spain 36110 45294
trade
Argentina *55825
vitamins *96151
Alnus 3418 14460 22226
anatomy and physiology *12487
biochemistry 90182
diseases *72817
wood *75698
Alnus glutinosa 12085 *50279
Alnus incana 75268
Alnus orientalis *75130
Alnus rubra 3321 67161
Alocasia 82445
Aloe 3319 74069 82424 89848 *883 *13186 *54161 *56201 *72434
Aloe mitriformis commelini 89864
Aloe variegata *82390
Aloephagus myersi 77945
Alogostreptus n g *52345
Aloinae *81045
Alomyia 85917
Alophora subcoleoptera *93872
Alosimus *24750
Aloysia ligustrina 74287
Alpacas *59413
Alphitobius laevigatus 85643
Alpine Conference 1943
Alpine fir. See Abies lasiocarpa.
Alpine Garden Society 48905
Alpine plants 1879 2064 2148 21133 30157 40101 48905 82304 82369 *13294 *57753 *65492 *72387
California 64154
Canada 82334
culture 40023
Germany *80871
germination *90799
Gt Brit 28505
hardiness *74062
Italian Alps 38397
Italy *56 *82311
Japan *28613
Majorca 74127
New Hampshire 56927
New Zealand 65775
Scandinavia 154
seeds 74023
U S S R *20143
Utah 64595
varieties 65641 73979
Washington 28579
Yugoslavia *11361
See also Rock gardens.
Alsike clover 20198 20355 77250
Alsophila glabra 47304 72395
Alsophila loddigesii 23629

*Text of this reference is not in English.

Item

Alsophila pometaria 34587
Alstroemeria 38891 64173 64238 65587 65770
Alstroemeria violacea 65711
Altaĭskaĭa Plodovo-ĭAgodnaĭa Opytnaĭa Stant̆siĭa *90556
Alternanthera philoxeroides 20288 92517
Alternaria
  Cruciferae *448
  Dianthus *89662
  Pinus *64437
  tomatoes *38664
  Vanda 81225
Alternaria dianthicola *89663
Alternaria linicola *72670
Alternaria macrospora 11743
Alternaria porii 47588 47589
Alternaria porii solani *89582
Alternaria senecionis *11773
Alternaria solani
  acids *47940
  potatoes 11767 56505 *72714
  tomatoes 20039 72647
Alternaria tenuis 89628 90097
Alternation of generations *47171
Althaea rosea 11918 *90728
Altica coerulea 16524
Alticinae 43423 *43463 *93770
Altitude
  effects on bees *6253
  effects on plants *637 *916 *28511 *29256 *39886 *56177 *90259 *94676
  effects on poultry 60265
Aluminum 25359 40808
  building material *86453
  effects on soils 58112
  effects on wine *61929
  in blood *83950
  in dairy industry 8256
  in food industry 35389 78820 *70924
  in soils 2566 2575 40467 82711
  utilization 58899 78353 *25245 *26233
  See also under Containers.
Aluminum hydroxide 92279 *4131 *5809 *5830 *32338 *41808 *41881 *41896 *41911
Alveograph 87537 *45574
Älvsborgs Läns Norra Hushållningssällskap *96163
Älvsborgs Läns Södra Hushållningssällskap *38151
Alyce clover 39141
Alyssum 40006
Alyxia 56245
Amalactus *93812
Amalgamated Sugar Co 36897 79916
Amanita 72467 *19864 *47337
Amanita mairei *89451
Amara 52460
Amaranthus *17801
Amaranthus delilei *19828
Amaranthus edulis *73523
Amarochara *52446
Amarygmus *43467 *85673
Amaryllidaceae 28575 64230 *39191 *47796
  anatomy and physiology 64757 *20154
  Australia 64185
  culture 65640
  taxonomy 64193
  Texas 65635
  varieties 65702
Amaryllis 13176 21186 21191 65529 89744
  anatomy and physiology 12130 *20154
  culture 40027 *21153
  forcing 1877
  hybrids 21099

Item

Amaryllis--Cont.
  varieties 13313 13317 40013 40079 65682 65778 *57672
Amaryllis belladonna 13224 82397
Amaryllis chilensis 65779
Amaryllis maracasa 64231
Amathusia 52835 52836
Amathusia binghami 52836
Amathynetes *43457
Amatos process 79963
Amaurobioides 52364
Amauronematus fallax group *25016
Amauronematus hartigi *25013
Ambeodontus tristis 85692
Amblycheila 16651
Amblygamasus *93731
Amblymerus graminum 24994
Amblyomma americanum 24689
Amblyomma faial *24686
Amblyomma hebraeum *85584
Amblyomma inornatum 16486
Amblyopone australis 34514
Amblypelta cocophaga 16730
Amblystomus *43415
Ambrosia
  Canada 91004
  control 21387 30537 74275
  New Hampshire 2405
  New Jersey 21355 21422
  New York 21363 21407
Ambrosia trifida 38918
Ambrysus 6663 68826
Ambrysus n sgen 43665
Amegilla *61133
Amelanchier 74100 *754 *11494 *57571
Ameletus 52880 78275
Amentotaxus 56225
American Aberdeen-Angus Breeders' Association 59438 67460
American Association of Agricultural College Editors 80534
American Association of Cereal Chemists 62689 70316
American Association of Economic Entomologists 52042
American Association of Nurserymen 65284
American Association of Textile Chemists and Colorists 8419 45134
American Bankers' Association 10632
American Bantam Association 23731
American Bee Breeders Association 16468
American Begonia Society 49082
American Brahman Breeders' Association 23122
American Butter Institute 17863 53819
American cockroach. See Periplaneta americana.
American Cotton Congress 87171
American Cranberry Exchange 79383
American Cranberry Growers Association 20959 48826
American Dairy Association 26067 94702
American Dairy Science Association 8122 8249 78948 84026
  Western Div 25891
American Dehydrators Association 3926 4054 4440 5205 5245 5643 5651 5653 5788 8389 8402 8405 45124
American Delphinium Society 48906

Item

American Dry Milk Institute 70178 79179
American Farm Bur Federation 9992 10880 28050 28064 28079 28096 37041 37859 37923 37963 37977 37990 38000 46254 46871 55739 71309 71915 80559
American Farm School Salonika Greece 27924
American Federation of Labor 9958
American Feed Control Officials 94887
American Feed Manufacturers Association 8342 79226
American Forest Products Industries 14700 22418 31816 58644
American foulbrood 6142 24596 52266 85483 85485
  Australia 34039 52224
  control 24623 60692
  Gt Brit 43293
  treatment 6187 68534 68555 *16343 *43300
American Fruit Growers 8683
American Guernsey Cattle Club 4435 51006 59439
American Institute of Cooperation 10925 19416 46753 46881 55801 71860
American Jersey Cattle Club 15512
American Leather Chemists Association 9247 87746 95257
American Library Association 37896
American Management Association 69632
American Meat Institute 9170 9186 95227
American Meat Institute Foundation 38125 62877 87698 92539
American Medical Association Committee on Rural Health 71786 80446
American Milk Review 53733
American Mosquito Control Association 34417 34421
American National Cattlemen's Association 75078
American Oil Chemists' Society
  directories 70906
  Seed and Meal Analysis Committee 9382
  Uniform Methods Committee 36684
American Plant Food Council 3135
American Polled Hereford Association 4277 23092
American Pomological Society 57435
American Quarter Horse Association 92816
American Rabbit and Cavy Breeders Association 33496 68195
American Rhododendron Society Test Garden 40117 90793
American Rose Foundation 90707
American Society for Horticultural Science 1546 1547 48649
American Society for Testing Materials 50526 69543
American Society of Animal Production 50932
American Society of Brewing Chemists 7688 25769 25886 78858
American Society of Enologists 53606

Item

American Society of Farm Managers and Rural Appraisers 63498 63499 71600 71733
American Society of Sugar Beet Technologists 39600
American Sugar Refining Co 63091
American Tung Oil Association 21424
American Turpentine Farmers Association 14957 22694
American Veterinary Medical Association 3971
  Research Council 67345
Amerocnemis 52704
Ametastegia glabrata 6718 *6722
Amianthium muscaetoxicum 38902
Amides 36747 89652
Amidostomum 76821
Amigos de la Tierra *49972
Amines 29466 48115 *29463
Amino acids 16467 27140 64573 *18780 *27164 *50926 *74446
  determination 60500 69564 *7472 *44824 *63094 *86051
  effects on plants 12313 20050 29018 47522 72819 *12363 *64767
  in animal nutrition 22839 41753 51907 68305 77097 *3941
  in animal physiology 5656 15337 67603 76276 *59964
  in bacteria 25607
  in blood *68696
  in cheese 79002 *87019
  in colostrum 49489
  in feed 15103 18051 59191 83733 *54044
  in fibers *70429
  in food 7609 55908 55910
  in grain 9119 45515 87560 *18417 *70721
  in human nutrition 19513 *46979
  in insect nutrition 6531 24841 68552
  in insects 16779 24890 43597 85795 86069 93975
  in latex 95433
  in meat 9249 45652
  in milk 24232 49489 86912 *23225 *72148
  in molasses *95538
  in oilseeds 79788
  in plants 9711 12461 12512 12540 12555 20441 29311 29491 62322 63137 73215 73316 81769 81771 81776 90182 *56977 *64871
  in poultry nutrition 23791 23827 33195 33215 51601 60078 60096 67996 76746 *92967
  in poultry physiology 15738 68028 *5300
  in soils 49441
  in sugar 79951 *18785
  in sugarcane juice 71161
  in vegetables 95045 *29468 *29469 *95046
  in wine *78938
  in yeasts 81487
2-Amino-ethanol 79857
2-Amino-5-methylthiazol-4-carbonic acid *29322
Amino nitrogen *95180
2-Amino-5-nitrothiazole. See Enheptin.
p-Amino salicylic acid *4119 *4666
Aminoacrichin *23358
ε-Aminoadipic acid 1077 9143

*Text of this reference is not in English.

Item

p-Aminobenzoic acid 8287 33271 73115
p-Aminophenylsulfamide 73115
Aminopterin 15855
Aminopeptidases 70534
Aminopyrine *59639
Amiota 60993
Amischa 68704
Ammate 13570 13597 30550 30558 49292 50303 91048 91095 *65983
effects on fruit 1022
effects on plants 21371 29274 47961 48139 75576
effects on trees 14581
in soils 40473
tests 21389 21417
Ammi visnaga 72370
Ammi visnaga oil *26929 *54699
Ammonia 40911 50567 *39240
effects on plants 56828 95111
fertilizers 31246 31281 91313 91314
in animal nutrition 75812
in feed 15359 15383
in milk 53800
in poultry litter 42780
in rumen 59210
in silage *83754 *83767, *87150
in soils *91199 *91222
radioactive tagging 1037
See also Anhydrous ammonia.
Ammoniac *82568 *82859
Ammoniated superphosphate 22009
Ammonium 72314
effects on plants 48123 *1053 *12411
fertilizers 3146 64839 *2832
fixation 13763
Ammonium acetate 58100
Ammonium carbonate 34392 68737
Ammonium dinitro-sec-butylphenate 13577
Ammonium nitrate
effects on plants *90115
fertilizers 40605 74912 82818
Ammonium salts *79137
Ammonium sulfate
effects on cattle *15465
fertilizers 2332 2718 2738 13987 82823 82832 91314
Ammonium thiocyanate 89517 90025
Ammophila 73278
Ammotrecha 6375
Ammotrechella 6375
Ammotrechula 6375
Amoeba disease
bees *6180 *6181
Amorbaius 6466
Amorpha fruticosa *40381
Amorpha populi *94132
Amorphophallus congoensis 128
Amphibolips 78053
Amphichaeta *72471
Amphidiploidy. See Polyploidy.
Amphimallon majalis 68640
Amphimallon solstitialis *85645 *85723
Amphineurus 68719
Amphiscopia 89352
Amphisternus 24778
Amphitetranychus crataegi 93719
Amphora *11553
Amphorophora 85845
Amphorophora rubi *16842
Amplipalpus n g *34186
Amraemyia 85766

Item

Amsinckia *28569
Amsinckia hispida 57969
Amsinckia intermedia 43090
Amsonia repens 168
Amsterdam Instituut voor de Tropen *48650
Amusurgus 6842
Amyl alcohol 95108 *44801
Amyl butyrate 18653
Amylase 9030 45575 67291 70728 76085 78734 86551 *39237 *86057 *86059 *87540 *90179
α-Amylase 70754 78920 79631 81537 *8999 *87647
β-Amylase 56982 *8999 *26668
Amylose *62695
Anabaena *28650
Anabaena cylindrica 56967
Anabrus simplex 78228 94178
Anacanthiocnemis *52677
Anacardiaceae *80936 *89297
Anacardium occidentale *6497
Anachalcis n g *52733
Anacharis 828
Anacharis canadensis 89337 *1010 *29297 *89355
Anacolia 38499
Anacridium aegyptium *34652 *61265 *69005
Anacyclus *89345
Anadolua 86034
Anaea 25077
Anagapetus 6916
Anagyris foetida *81773
Anagyrus 61112 *6736
Anagyrus kivuensis 34474
Anal gland 50893
Anal sac 4895
Anallacta *61274
Anaphoidea nitens 6502
Anaphylaxis *4186 *4879 *32413 *32983
Anaplasma marginale 84276
Anaplasmosis 4675 15163 23291 59634 84276 84405 *4646
diagnosis 4580 59705
immunization *51224 *84283
treatment 67619 84377 *76263
Anaptychia speciosa *64305
Anarsia lineatella 34628 34629
Anasarca. See Edema.
Anastatus *6736 *34538
Anastatus borsanii *85889
Anastrepha 77889
Anastrepha ludens 93865
Anatemnus 93696
Anatto seeds 54862
Anattotree *7603 *21456 *39934 *45817 *73320
Anavenol. See β-Naphthoxyethanol.
Anas imperator imperator *78274 *86086
Anax junius 52886
Anax parthenope 43936
Anaxipha 6842
Anchietea *81030
Anchiphytoptus n g 52372
Anchylopera plumbata 6765
Ancylopus 24778
Ancylosis *16939
Ancylostoma braziliense 4868
Ancyrophorus *16630
Ancyrophorus grigolettoi *52425
Andaspis 43682
Andesia *80937
Andrena 34527 52725 *6748 *34498 *52726
Andrena strohmella *94044
Andrenidae 16920
Andrenopsis flavorufus 68898
Andricus 78053
Androgens 4600 5326 5361 33358 76685

Item

Androlaelaps 6357 68600
Androniscus 52385
Andropogon 124 12717 28521 73626 *56198
varieties 20735 57215 90423
Andropogon barbinodis 20648 29685
Andropogon contortus 83604
Andropogon gerardi 57199
Andropogon ischaemum 1431 12540 81771 81986
Andropogon scoparius 48405
Andropogon sorghum. See Sorghum.
Androsus *52454
Aneilema *11452
Anemia 5844 16087 51180 51381 72113 76371 *4905 *28222 *72145 *83912 *92328 *93020
See also Equine infectious anemia.
Anemia (plant) 47770 *56288 *72980
Anemone 21073 *40091 *49047 *90844
Anemone narcissiflora *28877
Anemone nemorosa *81614
Anemone trifolia *89321
Anepia 94097
Anepia irregularis 43790
Anesthesia 4212 15131 41909 75820 83828 83919 83938 83981 84674 *4167 *22977 *32360 *59343 *59346 *67353 *92352
bees *16380
cats 4888 42369 51372 51408 *4881 *84500
cattle 15417 59668 76254 *67719
dogs 4888 4913 42369 51372 51422 92747 *4881 *67818 *92352
goats 51834
horses 5049 76640 84674 84691 84693 84709 *33055 *51482 *59974 *92836
ruminants *4127
sheep *33593
swine *24290 *68330 *77113 *92352
See also names of anesthetics.
Anethum graveolens 47525
Aneura 197
Aneurin. See Thiamine.
Aneurysm *67920
Angelica archangelica *13655
Angell Memorial Animal Hospital 15131
Angelonia *80955
Angers École Supérieure d'Agriculture et de Viticulture Association Amicale des Anciens Élèves *55622
Anglo-Endothelioma *84259
Angiopsora 275 56327 81692
Angiopteris *143
Angiospermae 28458 47804 *728 *47171 *47772 *47800 *81671 *89224 *89973
Angitia chrysosticta 85907
Angitula 77907
Anglo-Scottish Cattle Co 23072
Angora rabbit wool 85005 *42854 *51750 *60273
analysis and composition *79271
Germany *36506 *62401
Italy *87260
pests *6011
properties *42852
quality *79271
Angoumois grain moth. See Sitotroga cerealella.
Angraecum mirabile *30229

Item

Anguina poophila *81357
Angular leaf blight
cotton 532 11960 28970 38773 38774
Angular leaf spot
cotton 531 534 536 28971
cucumbers 38790 *529
Anhydrase 29227 *48160 *56932 *73284 *81778
Anhydrous ammonia 74641
fertilizers 2843 13890 21692 21789 31247 40614 40747 40748 49746 74672 74912 83163 *21654
hazards and safeguards 50009
storage 69439
Anicetus ceroplastis 52740
Aniline 9469 *79687
Anilloferonia 24742
Animal Diseases Research Association Moredun Institute 41817
Animal Health Trust 83813
Animal industry. See Livestock.
Animal protein factor 32256 35891 41702 *3894 *3939 *15015 *22851 *41759 *43045 *43046 *59163 *59970 *67287 *75815 *83751 *83792
in poultry nutrition 5243 23824 33184 33224 51569 60085 92950 92951 *23846 *23864 *33235 *33433 *42618 *60063 *60083 *60407 *60436
in sheep nutrition 33560
in swine nutrition 5756 24236 33691 51903 51938 60439 77065 *5784 *23864 *33235 *33688 *43038 *60407 *60436 *68317 *77066 *85219 *85225
in turkey nutrition 23793
Animal Research Station Wallaceville Wellington N Z 67377
Animals 75989 93430 *23
See also Fur-bearing animals; Livestock; Ruminants; Wildlife; and names of animals, anatomical parts, diseases, parasites, and products.
Anisandrus dispar *34294 *93772 *93794
p-Anisidine 9469
Anisochilus eriocephalus 73099
Anisophyllea *119
Anisoplia *6476
Anisops 16806 43634 61035
Anisops villiersi *34483
Anisopus fenestralis 6527 77850 93862
Anisota senatoria 34647
Anisotarsus maculicornis 77791
Anisotome 72425
Ankylopteryx 34707
Annamanum 93778
Annamocarya *56226
Annaphila 43834
Annellophora 19880 *28707
Anneslea 38451
Annitella *69050
Annona reticulata. See Bullocksheart custardapple.
Annona squamosa. See Sugar-apple.
Annual knawel. See Scleranthus annuus.
Annulus dubius 81345
Annulus tabaci 81345
Anobiidae *60866
Anobium pertinax *60866
Anobium punctatum 16569 77787 85667 85693 *77782

*Text of this reference is not in English.

Item

Anogeissus schimperi products 75651
Anomala ausonia *16542 *52418
Anomala ausonia neapolitana *6429
Anomalaspis n g 52347
Anomalopsylla n g 61094
Anommonia 77887
Anomobryum *56300
Anopheles 6622 24913
anatomy and physiology 6582 24889 52592 *61027
and disease 6595 16765 16766 16771 24891 24894 24906 34412 68799 *16772
Borneo 16775
Brazil 43572
Celebes 93916
collecting and preserving 24908
control 16767 16771 16773 52607 61007 *6598 *6606 *43572
French West Africa *43573
geographical distribution 6604
habits and behavior 6595 24911
Indonesia 16771 52598
Italy *6598
parasites 6594
Philippines 16783
populations 16788
rearing and breeding 93919
Sardinia 24908
Venezuela 61007
Anopheles aconitus *93914
Anopheles albitarsis domesticus 16763
Anopheles aztecus *6580 *6586 *6617
Anopheles christyi *24897
Anopheles claviger 6621
Anopheles complex 68799
Anopheles cruzii *16758
Anopheles culicifascies 52601 61020
Anopheles darlingi 34403 68794 *16763 *93912
Anopheles fluviatilis 43598
Anopheles freeborni 24905 77920
Anopheles funestes 6626
Anopheles gambiae 6626 24888
Anopheles hyrcanus 43617
Anopheles hyrcanus sinensis 6618 85817
Anopheles labranchiae atroparvus 24906
Anopheles laneanus *16758
Anopheles maculatus 6625
Anopheles maculipennis 24896 34402 43595 *93931
Anopheles maculipennis atroparvus. See Anopheles labranchiae atroparvus.
Anopheles maculipennis messeae *34415
Anopheles multicolor *85796
Anopheles quadrimaculatus 6589 6596 24900 24912 24914 43595 77920 85808
Anopheles sacharovi 6587
Anopheles samarensis 16783
Anopheles stephensi 24906 34414
Anopheles sundaicus 43619 61021
Anopheles superpictus 34414
Anopheles venhuisi 16759
Anoplius 85899
Anoplogenius *43415
Anoplognathus 43460
Anoplura 17174 52875 69035 *78296
Anoxia 15607 16747 24186 32926
Ansellia nilotica 1940

Item

ANT. See Enheptin.
Antarctia fusca *61232
Antelopes 32303 *50963
Antennae insects *16623
Antennaria carpathica 671
Antennoseius *93731
Anteon *6698
Anterastes 6854
Antestia 34474 85853
Antestia lineaticollis 68827
Antestiopsis n g 85853
Anthelmintics 83890 85109 85137 *41913 *43071 *51627 *51991 *83892
See also names of anthelmintics.
Anthemis 47275 *2439
Antheraea pernyi *17135
anatomy and physiology *6889 *6890 *52866 *61284
cocoons *34686
nutrition *25111
Antherea asama 86048
Antherea mylitta 86048
Anthericopsis *11452
Anthericum 28573
Anthicus 52410 *68695 *85675
Anthicus constrictus 85615
Anthicus fenestratus group *16530
Anthidiinae 6725
Anthidium 6725
Anthiomaline. See Antimony lithium thiomalate.
Anthobaris n g *60834
Anthocephalus cadamba 38700
Anthocoptes 52372 52388
Anthocyanin determination *86754
in fruit 79446 79448
in plants 12519 20456 54236 56751 *29211
Anthomyia albicincta 16667
Anthomyiidae 60950
Anthonomus cinctus. See Anthonomus piri.
Anthonomus eugenii 6433
Anthonomus grandis 16544 60802 77666
control 6455 16588 33925 34274 34275 34291 43436 52427 52477 61218 68660 77280 77680 77681 77702 93757 *77661
Anthonomus grandis thurberiae 60883
Anthonomus piri *77733
Anthonomus pomorum *16234 *24766 *52415 *77690
Anthophora *34498
Anthophora occidentalis 25011
Anthophorinae 85717
Anthracene oil *12437
Anthracnose 11818
apples *47526
beans 28930 72795 *56525
citrus *416
clover *56538
Cornus florida 81244
cucumbers 81207
Digitalis 11928
fruit 64486
mangoes *38656 *89673
olives *11862 *11863
papayas *81210
peaches 11916
pears *47526
Platanus 56551
Platanus occidentalis 38749
Quercus 38749 *81287
raspberries 38770
red clover 408 89631
Rosa 11816 64478
sorghum 28906
spinach 11912
tomatoes 38772
Umbellularia californica 430
Xanthium spinosum 47476

Item

Anthracus *43415
Anthranilic acid 12478
Anthrax 59281 67336 67395 83905 83925 83931 83985 85717 *15216 *32422 *41884 *41904
cattle 42216 67706 84378
control 50842 62877 75859 *59325
diagnosis *4118
dogs *4875
Germany *22958
goats *68238
guinea pigs *31514
horses *23623
immunization *22948 *23004 *23017 *59357
Indiana 67387
man 54084 62357 62358 *4056
Midwestern States 67426
Palestine *4066
sheep 68245 *33577 *60356
situation and outlook 75940 75941
swine 51997 75941 *5823
transmission *50829
to man 59327 62358 *59303
vaccines *59357
Wisconsin 5[illegible]19
Yugoslavia *59262 *92275
See also Blackleg.
Anthrenus 34635 *85673
Anthrenus museorum *60817
Anthrenus rossii *77682
Anthrenus scrophulariae 68929 78201
Anthrenus vorax 34242
Anthrocera *17085
Anthropology 96060 *71767
Anthurium *13309 *89332
Anthurium espinosamum 128
Anthurium longipes *89330
Antibiotics 64793 89519 *28422 *28996 *35685 *38382 *38394 *46051 *46058 *56131 *56170 *64379 *64894 *64906 *64907 *93550
animal sources 60114
bibliographies 32259
determination 53427
effects on bacteria 51974 *33099
effects on cattle 15092 15362 23233 23234 24263 32629 32682 42064 42078 50990 51108 59458 67568 76205 77067 84233 *4683 *75996 *76302
effects on dairy products 8249
effects on fungi *56529
effects on geese 92961
effects on horses 51484 76626
effects on insects 17137 52606
effects on livestock 15059 15072 15129 15181 22792 22802 22816 22823 22826 22829 22844 22872 26304 32256 32259 32295 41677 41725 41727 41738 50693 50709 50733 59171 59197 67309 75757 75768 75777 75805 75811 83737 83805 92182 92282 *3894 *4134 *15221 *41759 *67287 *67313 *67314 *75751 *75956 *83751 *83792 *83793
effects on milk 17936 *45061
effects on minks 23545 32973 84575 92780
effects on pigeons 23818 92947
effects on plant disease 11699 20035 20109 20112 28885 38796 47606 56389

Item

Antibiotics--Cont.
effects on plant disease --cont. 56528 56581 56582 64453 64473 64575 72678 72695 72697 72852 81127 89702 *11637 *11947 *11972 *19987 *28778 *28973 *38649 *38783 *47610 *56577 *64340 *64536 *81314 *89485 *89514
effects on plants 20426 *81568
effects on poultry 5214 5230 5243 5273 5750 15092 15771 15777 15783 15798 16055 22872 23800 23803 23810 23811 23820 23822 23829 23837 23838 23842 23849 23850 23851 23875 23879 23884 23894 32295 33181 33182 33187 33201 33203 33208 33223 33285 33426 42577 42580 42590 42595 42605 43022 51570 51585 51591 60061 60079 60087 60100 67991 68002 68003 68299 76731 76734 76735 76745 76748 76766 76767 84807 84837 85189 92944 92951 *5338 *33232 *33235 *33239 *60063 *60075 *60407 *60436 *76740 *76741 *76750 *92963 *92967
effects on rumen bacteria *3980
effects on ruminants 15094 59207 59208
effects on semen 4367 59705 *3832
effects on swine 5750 5751 5754 5764 5765 15092 16053 16055 16060 16065 16074 16079 16080 23822 24233 24235—24237 24240 24250 24255—24257 24263 24272 24315 33667 33672 33673 33700 33701 42595 42605 43022 43027 43031 43037 43042 43051 43056 51925 51929 51974 60413 68298 68299 68303 68325 77067 77071 77072 77097 77098 85187 85189 85227 85275 93223 93233 93238 *33235 *60407 *60436 *68306 *77074 *85215 *85225
effects on turkeys 5228 5230 23805 23876 33179 33243 42595 42606 42607 42631 60085 60090 76763
in dairy industry 53978 *62239
in feed 42681
in food processing 8275 53526 53574 95314 *25728 *61856
in milk 8122 26018 62090 62140 79093 86992 *70125 *79110
in soils 2613 21555 40499 40517 64473 66199 72713 74483 91228 *11419 *21557 *82719 *91227
insect sources *43744
plant sources 15 41 11351 11374 11380 11390 12410 13813 19736 19752 20449 38340 38383 56154 56164 56173 56978 64133 64148 72258 72264 72273 72320 80884 80890 80895 89181 89187 89212 89220 89702 91113 *4 *21 *44 *76 *79 *1062 *11357 *11419 *11420 *11828 *28417 *28463 *28472 *29011 *38386 *38392 *38725 *56126 *56140 *56158 *56172 *56577 *56600 *64108 *64158 *72265 *72266 *72279 *72319 *72331 *80882 *80903 *89189 *89221

*Text of this reference is not in English.

Item

Antibiotics--Cont.
residues 8097 8099 8123 26094 *26075 *35844
therapeutic use 4198 41882 42681 42969 59277 67365 75842 75883 83829 *4137 *15188 *22971 *32425 *92282 *92353
Apis mellifera 24520 60690 60691 85506
cattle 42175 76279 *23355 *26075 *59675 *92598 *92619
dogs 67826 92737
horses *5073
minks 51439
poultry 5393 23935 23980 23981 51663
rabbits 85024
swine 16107 60454
turkeys 60126
See also names of antibiotics.
Antibodies. See Antigens and antibodies.
Anticoffimbria n g *24859
Antidesma 56351
Antigastra catalaunalis 43810
Antigens and antibodies 5334 15443 23187 23907 23951 33272 34324 41874 42657 51204 59709 76370 77120 83826 83901 84352 84757 84859 84877 84881 92416 92627 92887 92986 93252 *4172 *5328 *23035 *32338 *32783 *41824 *41851 *50903 *59311 *59351 *76817 *83859 *83866 *84356 *84368 *85026
Antigonish Movement *71944
Antigonon leptopus 73005
Antihistamines *4152 *4879
Antilurga n g *17003
Antimony lithium thiomalate 23356
Antiopuloides n g 77971
Antioxidants 3751 9447 9455 36689 36733 36801 44662 53941 61797 61845 70935 71032 76191 86636 87943 *26947 *35853 *44498
Antipyrine 59849
Anti-reticular cytotoxic serum *32913 *92854
See also Orthobiotic serum.
Antirrhinum
culture 40071 90712 90716
diseases 11691 64450 *28959 *47371
forcing 49048
hybrids 760
pollination 956
Antirrhinum majus 56678 74554 *47791 *47826 *47841
Antiseptics 59741 *92247
Antiserum 76534
Antisphodrus group *85665
Antistine *59639
Antisulfonamides *29197
Antitrypsin 51560
Antitypona *52404
Antivitamins 15080 67911 *4045 *47024 *55990
Antocha 16666
Antonaria *68687
Antonina graminis 93986
Antrol (insecticide) *52618
Antron 78053
Antrycide 33306 76407 77126 84299 *15191
Antrycide methyl sulfate 32904
Ants 6708 24992 61124 *16869 *34524 *43718 *78043
anatomy and physiology 52705 85921 *16924
as pests 24996 *78016
as predators 43713
Arizona 52701
Australia 52713

Item

Ants--Cont.
collecting and preserving 52739
collections 61138
control 6726 24979 24990 24998 25018 34530 52712 68891 68909 85915 *25017 *43704 *52252 *68875 *78021 *78040 *85890
diseases *94031
East Africa *77764 *78011
ecology 78036
effects on soils *58136
Gt Brit 34505 43706
habits and behavior 52708 61107 78050 *94024
Ireland 78036
Kansas 61127
larvae 6745 78054
nests 85893
nomenclature 16885 52697 52698 61137
Norway 16916
parasites *93990 *94031
rearing and breeding *78019
See also subhead ant control under names of insecticides.
Anuraphidea *68848
Anurida 78256
Anus
dogs 15610
Aonidiella araucariae *61041
Aonidiella aurantii 34440 34449 34453 34496 43643 43683 61044 85875 *16809
control 34448 43642 77996 *6666
Aorta *67830
Apaches 31778
Apalochrus *43467 *68688
Apanteles *6736 *78039
Apanteles carpatus *43717
Apanteles glomeratus 68889
Apanteles gonopterygis 43766
Apatema 94046
Apaturini *85983
Apera spica-venti. See Agrostis spica-venti.
APF. See Animal protein factor.
Aphaenogaster huachucana 52701
Aphaenogaster rudis 16925
Aphalara calthae 68841
Aphaniptera. See Fleas.
Aphanocephalus *85649
Aphanolejeunea *89403
Aphanomyces *72687
Aphanothece 38503
Aphantopus hyperantus 52814
Apharina *85647
Aphelandra 89352
Aphelenochoides blastophthorus 56622
Aphelenchoides fragariae 81361
Aphelenchoides oryzae 72889 72910 *89757
Aphelenchoides ritzemabosi 72891 81361
Aphelenchus cocophilus *20115 *81364
Aphelopus *6698
Aphididae. See Aphiidae.
Aphidinae *34438
Aphidius 68896
Aphidoidea *77972
Aphids 61049 68897 85848 *34456 *77954 *85855
anatomy and physiology 6636 43660 52649
and plant disease 592 12016 34462 56590 56591 64578 89721 93996 *6677 *43632 *47631 *52627 *52635 *72877 *85858
as pests 6637 666 93991 *24933 *24945 *5266 *93970
Austria *77953

Item

Aphids--Cont.
collecting and preserving 24937 *77952
control 6642 34459 34462 34463 52609 61048 68809 68837 85541 93996 *24970 *34443 *52611 *52627 *61080 *68858 *68859 *85858 *93750
California 61074 68981
Germany *61101
Gt Brit 34470
Great Plains 24935
India 6680
Europe 16878 24975
food and host plants 16838 *6678
genetics 6678
habits and behavior 43633 *93969
identification 68852 77987
Italy *52629
migration 77994 *61078
Norway 16872
parasites *34361 *43536
populations 61034 93951
Sweden 77963
Utah 61067 61068
Aphiidae 6658 43650 52626 *52671
Aphilia *77727
Aphiochaeta *77909
Aphis 52647 52652 68816 *93942
Aphis apii 68855
Aphis cracca *24955
Aphis fabae 29033 77956 85850 *6671 *24960 *43644 *61045 *94006
Aphis gossypii 77280 *94000
Aphis laburni *16793 *24971
Aphis maidis 34437
Aphis pomi *17097 *61078 *61089 *93985 *93993
Aphis rumicis. See Aphis fabae.
Aphnaeus *52750
Aphodiidae *24734
Aphodius 60815
Aphodius howitti 43425
Aphodius pseudotasmaniae 24757
Aphonocoris *68863
Aphonoides 6842
Aphonopelma 16516
Aphotaenius n g 52413
Aphromachaerota n g *16843
Aphrophora *16864
Aphrophora alni *24954
Aphrophorinae 93946
Aphrosylus 16695
Aphthona 52460
Aphthona euphorbiae *6923
Aphthous fever. See Foot and mouth disease.
Aphycomorpha *6736
Aphycopsis *6736
Aphyllanthion *81393
Aphyllocladus *89288
Aphysa *34697
Aphytis chrysomphali 34448 34453
Apiaceae 74248 *12154 *38933 *66071
Argentina *74372 *74373 *91121
Denmark *28525
South America 89328
Apiary Inspection Act (Oregon) 77339
Apicia 17024
Apiculture 6130 6131 6329 16331 16335 33972 34067 52226 60697 60706 68548 77453 93618 *6126 *6135 *6174 *6201 *6228 *6240 *6332 *16417 *24583 *24664 *33978 *34034 *43344 *52283 *52330 *52337 *60651 *60699 *77421 *77429 *77471 *77547 *85475 *85482 *85498 *93555 *93569 *93615

Item

Apiculture--Cont.
Africa 77552—77554 *93674
and forestry 77364
apiaries 6239 *6138 *77536
Brazil *6299
construction *93586
equipment *77410
Gt Brit 24544
Oregon 77339
sanitation *52208 *77372
U S S R *24476 *24553
*24566 *24577 *34045 *34108 *34127 *34131 *52204 *77439 *77459 *77518 *77540
apiary management *16398 *33969 *93676
Arizona 16459
Arkansas 6119
as an occupation 34120 34121 *24468 *43302 *68528
associations 34046 77480 93625 *16389
Australia 85514
Canada 24491
Germany *52279
Gt Brit 77446 93689
India 16317
Sardinia *6105
Switzerland *77452 *77538 *93626
Union of South Africa 34077 34133
Australia 24617 34025
Austria 43343 85524 *34111
beginners 16445 43367 52286 93562 *6186
bibliographies *16351
Brazil 6123
California 34141
Canada 16395 24555
Alberta 68560
British Columbia 6114
Ontario 77556
Quebec *16399
conferences and congresses 24614 52250 *16384 *34011 *52268
Austria *24537
India 93553
Switzerland *24551
U S S R *33955
Costa Rica *6258
costs and returns *16423 *33984 *34098 *60682 *77370 *85512 *85518 *93639
Cyprus 24518
Czechoslovakia *33986
Denmark *6111 *6160 *6328
dictionaries 16338
Egypt 34151 60746
equipment 6143 6209 6267 24490 24650 68568 77328 77491 85478 93568 *6090 *6192 *6260 *34094 *52274 *60723 *60729 *77361 *77490 *85495 *85510 *85526 *93683
maintenance and repair *24628
standardization *85537 *85538 *93588
U S S R *6322 *24559 *24564 *24569 *24616 *52219 *52260 *52329 *52331 *77423
exhibits *24509 *24578
Finland 6199
Formosa 93573
France *60722 *77393
French Guinea *6136 *33992
Germany 24594 *6110 *9524 *16360 *16430 *16438 *16451 *16470 *34007 *34090 *43345 *60666 *60716 *60742 *77348 *77409 *93633 *93584 *93585 *93649
Russian Zone *6159

*Text of this reference is not in English.

Item

Apiculture--Cont.
Gt Brit 24489 34054 52242
Scotland 33980 68567
Greece 77460
Guatemala 52320 77379
hazards and safeguards *85532
history 16347 16348 16390
16426 52234 *93565
Germany 43298
Norway 85531 *16315
Switzerland *77383
U S S R *28300 *38205
honey production 6189
16341 24620 43327 43338
43363 60663 68544 68554
68561 68566 68585 77365
*6262 *16353 *16414 *16428
*24661 *33963 *33970 *34143
*43276 *43282 *60707 *68551
*68580 *77350 *77523 *77524
*93594 *93624 *93666 *93679
Austria *24570
Germany 34142 *24563
*24645 *34006
Norway *34050
Switzerland *93661
U S S R *43303 *77477
*77514 *77420
India 24548 34074 34124
43336 52298 68571
Iowa 34026
Ireland 68572
Italy *16391 *24584 *60710
Jamaica 6251
Japan 24539
Jordan 16328
labor
U S S R *24556 *27398
*80103
legal aspects *16355
Denmark *6247
Germany *6264 *60689
Netherlands *16407
Switzerland *24630
legislation
Italy *6115 *16408 *33977
Ohio 52202
Louisiana 6185
Martinique *34092
Mexico *43335 *85539
migratory *33988 *34018
*34103 *52328 *60721
Australia 24629
Austria *77412
Denmark *6303
Europe *77392
Germany *34017 *77416
*85497 *93636 *93646
India 52210 52287
Italy *33957 *60705 *77366
mountain areas *93559
Norway *16374 *24580
Switzerland *77574
Near East *43352
Netherlands 93564 *77428
New Zealand 60672 77454
North Africa 52293
Norway *43281 *43325
*93634
Palestine *6318
Pennsylvania 85486
Poland 33974
policies and programs
Germany *85519
U S S R *24476 *24568
*24601 *34000 *34055 *77387
*77518
records 6109 6151 *6167
*16428
regulation and inspection
52254 52255 *16374
research 6162 52201
52336 77499 *34100
Austria *34106
Finland *68563
France *33973
Germany *6254 *77442
*93578
Gt Brit 43286 68576
India 85507

Item

Apiculture--Cont.
research--cont.
Switzerland *34041
situation and outlook
Germany 34097 *24589
*43296 *77437 *85503 *93612
*93613
Italy *6116 *16319 *34149
Sardinia *16333
Yugoslavia *93616 *93617
Spain *6271 *43280 *60739
study and teaching *6173
Germany 68564
*77458 *77577
Norway *24545
U S S R *24510 *24540
*24626 *43279 *43320 *77324
Sweden *16397 *68583 *93609
Switzerland 6106 33994
*6100 *6176 *52316 *52317
Tanganyika 6293 34130
taxation *37167 *60713
Union of South Africa 60668
*6101
U S S R *6125 *21007 *24474
*24482 *24511 *24538 *24573
*24577 *24651 *24652 *33959
*40362 *43317 *43362 *60720
*77436 *77558 *80759
Altai Territory *52315
Arctic regions *24473
Karelo-Finnish SSR *77573
Ukraine *24655 *52200
Uruguay *6248 *85511
wax production 6203 60674
*6225 *16379 *16412 *60652
*60732
Western States 24555
Yugoslavia *77334 *93574
*93604 *93623 *93640 *93663
See also Apiculture insurance; Apis mellifera; Beehives; Beeswax; Honey; kinds of equipment.
Apiculture insurance *6287
*8906 *37152 *52248 *52264
Apiculturists *6125 *77439
*77540
Apidae *34498
Apimiasis *16358
Apiomerus *77967
Apion 34290 *16592 *16631
*77803
Apion godmani *6491 *16540
*16552
Apion pubescens 85609
Apion violaceum 93764
Apis dorsata *52312
Apis florea *52312
Apis indica 6211 68835
*52312
Apis mellifera 6244 *6086
*6213 *6282 *6321 *16344
*16378 *16424 *25002 *34059
*34135 *43312 *52330 *60651
*60685 *60728 *68549 *77547
*77584
abnormalities *34084 *77531
*93602
anatomy and physiology
6255 24475 24506 24582
33995 34115 43349 52220
68577 77362 77405 93562
*6331 *16365 *16380 *16466
*24513 *24532 *24546 *24547
*24562 *24567 *24631 *24642
*24647 *24659 *34001 *34002
*34028 *34065 *34087 *34119
*34134 *34140 *43355 *43366
*52205 *52206 *52322 *60642
*60650 *77338 *77395 *77447
*77466 *77477 *77481 *77522
*77567 *77589 *85500 *93589
*93603
and plant disease *6333
as pests 60747
*16452 *24542 *52265 *68539
breeding 6268 6269
16372 16434 16468 24621
24622 34008 34062 34136

Item

Apis mellifera--Cont.
breeding--cont.
43285 52222 52259 52284
60693 85480 85527 93621
*5092 *6128 *6141 *6175
*6197 *6204 *6214 *6308
*6317 *16334 *16371 *16413
*16446 *16461 *34073 *34083
*52229 *77373 *77408 *85521
*85522 *93600 *93659 *93665
Denmark *6083
Norway *16349 *60670
Switzerland *52249 *77337
U S S R 34145 *24671
*34128
brood 68562 77541 *16425
*52212 *60686 *77411 *77534
*77583 *93557
care and handling 24665
43311 68568 *52277 *85510
colony management 6098
6102 6209 6256
6270 6305 6312 16341
24501 24579 24668 33990
33995 34081 34118 34136
34147 43308 43338 77438
77515 93595 *6089 *6094
*6104 *6129 *6144 *6164
*6168 *6169 *6179 *6184
*6191 *6193 *6202 *6230
*6234 *6266 *6278 *6300
*6330 *6336 *16375 *16377
*16418 *16448 *16462 *16466
*16473 *24470 *24478 *24490
*24519 *24549 *24550 *24567
*24586 *24618 *24637 *24639
*24641 *24660 *33988 *34016
*34030 *34032 *34040 *34066
*34069 *34070 *34095 *34098
*34101 *34131 *34139 *34150
*34156 *43282 *43289 *43294
*43351 *43368 *52211 *52214
*52223 *52230 *52285 *52333
*60658 *60664 *60669 *60681
*60682 *60708 *60724 *60725
*60726 *68526 *68543 *68545
*68561 *68566 *68573 *68575
*77325 *77349 *77355 *77357
*77374 *77375 *77378 *77380
*77414 *77420 *77441 *77456
*77459 *77462 *77472 *77495
*77514 *77525 *77526 *77529
*77559 *77579 *85487 *85492
*85502 *85516 *85535 *93566
*93622 *93641 *93654
Germany *93682
honey removal 68538
68558 77548 93685 *6091
increase 52292 *16352
*16353 *16354 *34003 *77331
*77341 *77395 *77399 *77493
*77522 *85509
robbing 16332 60684
*34044 *43326 *52217
seasonal *6304 *33963
fall 6122 *6261 *24516
spring 6113 16336
16337 16403 43278 43318
43337 43360 52241 60644
*6082 *6296 *6298 *16376
*16429 *24613 *24646 *34126
*52307 *68589 *77386 *77576
summer 6233 6335
16318 16323
winter 6095 6132
6276 6306 16325 16396
16409 16458 16469 24481
24484 24499 24534 24649
24656 34079 43284 43322
60653 60701 68536 77344
77345 77382 93567 93580
*6260 *16326 *24477 *24485
*24486 *24505 *24512 *24553
*24610 *24631 *34061 *34093
*34113 *34155 *43295 *43303
*52213 *60709 *77342 *77440
*77464 *77521 *77542 *77578
*77580 *77590 *93606 *93645
*93671

Item

Apis mellifera--Cont.
swarming 6117 6147
6226 6295 16457 24575
33993 34053 34125 43354
60654 60679 68533 68537
68562 77482 77541 *6148
*6237 *6249 *6291 *6307
*6310 *16321 *16356 *16362
*16363 *16367 *16436 *24495
*24517 *24525 *24571 *33964
*34091 *34117 *52247 *52272
*60645 *77390 *77402 *77404
*77467 *93583 *93598 *93601
*93614 *93638 *93687
transferring 77430 85529
*16387 *24624 *52236 *60740
communication 16443 24602
33996 43299 60733 68559
*16346 *24498 *24532 *34024
*77551 *93597 *93677
cytology *77494
diseases 16406 24526
24623 24644 34015 34039
34051 34052 52209 60690
77406 *4214 *6096 *6181
*6205 *6286 *16358 *16366
*16385 *16498 *32401 *34058
*52228 *60661 *68591 *75904
*77336 *77388 *77530 *77583
*85523 *93576 *93657
control 6274 16405
*34086
Germany *60655
Italy *34075
Netherlands *68591
U S S R *52208 *52225
*77422 *77505
Denmark *6180 *6183
diagnosis 6221
prevention *33979
statistics *67386
study and teaching
U S S R *24494
Switzerland *34012 *52282
transmissions 60684
treatment *77394
drones 6246 34005 60654
68550 *6157 *6224 *16368
*16422 *16447 *24558 *24607
*24611 *33991 *34002 *34044
*34086 *77411 *77570
ecology 6215 77382 *6195
eggs 24625 34076 77510
77327 *16415 *24521 *24600
*43339 *60723 *68532 *77561
*85501
evolution 6313
genetics 6163 6268
16427 24621 24622 24625
34013 43309 52303 52306
60730 *6195 *43365 *68547
*77354 *77457 *93632 *93652
U S S R *43362 *52332
Germany *24563
Gt Brit 68567 77475
habits and behavior 6087
6088 6103 6149 6165
6190 6231 6236 6288
16432 16472 24522 24523
24581 24620 33996 34014
34076 34105 34125 43299
43354 43369 52221 52240
52257 52296 52311 52319
52334 60695 68562 77500
85517 *6238 *6253 *16362
*16402 *16415 *24514 *24517
*24535 *24557 *24558 *24565
*24574 *24642 *24666 *33971
*34038 *34044 *34071 *34088
*34096 *43323 *43341 *43357
*52321 *60645 *68553 *68588
*77327 *77352 *77455 *77473
*77546 *77571 *85479 *93596
*93690
history 33958 *6259
identification 52314
in music *77585
injuries *93637
legal aspects *60655

*Text of this reference is not in English.

Item

Apis mellifera--Cont.
longevity 6150 43328
52269 52280 *6084 *77469
nuclei 6302 43359 *77401
*77557
nutrition 6145 16449
16467 52237 52269 60680
60701 68530 68552 77506
*6146 *6161 *6188 *6218
*6227 *6272 *6284 *16316
*16421 *16441 *16463 *24529
*24530 *24531 *24546 *24557
*24662 *33999 *34009 *34010
*34049 *34050 *34060 *34063
*34094 *34099 *34144 *43288
*43289 *43291 *43314 *43332
*43342 *52207 *52276 *52289
*60741 *77322 *77326 *77333
*77346 *77381 *77384 *77417
*77470 *77511 *77520 *77562
*77563 *77572 *93605 *93644
*93667 *93668 *93681
package bees 6334 33975
34023 34047 34154 43297
43308 43313 *77549
parasites 52371
*6140 *24547 *34322 *52297
*52395 *52470 *77616 *77621
*77646 *77649 *85489 *85536
*85569 *85572 *85573
pests 16406 25062 25133
34051 52808 61222 77448
77449 *4214 *6324 *24593
*24632 *24864 *24993 *25008
*34512 *52288 *52429 *60847
*78062 *78115 *78152 *93664
control 68909 78157
85915 *6285 *24673 *34107
*60656 *77422
poisoning 6081 6139
6196 6309 24497 24503
24648 52291 60675 60696
77329 77367 77368 77575
93658 93675 *1895 *6108
*6156 *6182 *6273 *6281
*6283 *16404 *16453 *16644
*24604 *24636 *24654 *33982
*43346 *43347 *43350 *52323
*52326 *60702 *68557 *68579
*68586 *77347 *77413 *77444
*77498 *77528 *93590 *93591
*93602 *93669 *93673
pollinators 1481 6102
6120 6152 6155 6323
16331 19742 24615 24657
29495 34021 39720 43334
43348 43356 43358 48714
52253 52262 52271 52275
52313 60694 60696 60718
60727 60736 60743 68529
68535 68584 68590 77340
77353 77356 77363 77385
77433 77545 77566 77582
85491 85520 90022 93599
93608 93610 93620 93684
93691 *6200 *6283 *6325
*12338 *16334 *16364 *16420
*20841 *20953 *20998 *21466
*24474 *24634 *24635 *33956
*34027 *34104 *34114 *40333
*43301 *43307 *43340 *52301
*52304 *60734 *68531 *61539
*68903 *73824 *77483 *77501
*77504 *77513 *77532 *77586
*85484 *85499 *85504 *85533
*93581 *93628
Oregon 24585
Texas 85472
U S S R *1486 *20951
*24605 *24627 *77343
Washington 43331
populations 24543
predators 16406 60703
*25007 *34020 *34520 *34543
*52252 *61132 *68942 *78035
*78044
pupae *93561
queens 6166 6178 6316
16435 16471 33967 43306
43310 43313 43353 52235
52244 52261 52294 52300

Item

Apis mellifera--Cont.
queens--cont.
52324 60641 60643 68544
68554 77369 77508 93572
*6171 *6242 *6252 *6290
*16324 *16359 *16383 *16418
*16446 *16450 *24469 *24471
*24478 *24521 *24536 *24592
*24606 *24608 *33965 *33970
*33991 *34085 *34905 *34128
*34148 *43304 *43315 *52229
*52238 *52246 *52267 *60669
*60678 *60714 *60723 *60745
*68532 *77332 *77349 *77351
*77388 *77389 *77441 *77469
*77472 *77486 *77489 *77503
*77510 *77564 *77565 *85477
*85501 *85526 *93563 *93582
*93631 *93650 *93655 *93656
*93665 *93680
identification 52232
*24559
introduction 6107 16372
34138 43277 52199 *6207
*16419 *24496 *24550 *24587
*24633 *33976 *34019 *34037
*52302 *60647 *77376 *77463
*77535 *93627 *93651 *93672
*93692
rearing 16361 33953
43359 52251 52256 52281
68540 68556 77431 *6099
*6127 *6157 *6194 *6232
*6242 *6275 *6280 *6326
*16369 *24507 *24599 *24687
*34158 *43314 *43316 *52325
*60646 *60648 *60657 *60665
*60688 *60715 *60737 *77335
*77490 *77496 *77517 *77557
*77561 *85473 *85493 *85496
*85508 *85534 *93593 *93647
*93653 *93670 *93678 *93686
*93688
supersedure *6301 *77512
races 6292 52290 77485
85488 *16381 *16400 *16417
*24547 *24576 *24659 *33954
*34029 *34109 *34140 *34146
*68569 *77323 *77343 *77487
*77488 *77497 *77519 *85505
*93611
research 60649 *52299
Austria *34110
Germany *33966 *34042
*85530
Scandinavia *34072
scale colonies *77516
shipping 24669 34043
52327 85490 *24658 *34036
*52219 *77465
stings 16373 24638 34122
52286 77330 77400 *6085
*24560
Switzerland *77588
Union of South Africa 60703
U S S R *24483 *34096
*77478
venom *16357 *43305 *93587
therapeutic use 16320
16442 60735 77539 *24472
*77435 *77525 *93660
watering *60683 *60729
*68527 *77361 *77419 *85513
workers 24506 33967
43349 *33991
See also Apiculture; Artificial insemination, bees; Bees; Beeswax; Honey; Sugar, feed for bees; and names of anatomical parts, diseases, and parasites.
Apis mellifera punica *77468
Apis mellifica. See Apis mellifera.
Apium leptophyllum 80976
Aplopappus fruticosus 30505
Apocopis 64172
Apocrypta *6736
Apocryptophagus *6736
Apocynaceae 47273 56697
*81005

Item

Apodesmopterina n g 69011
Apomecyna 93778
Apomecynoides n g 93778
Apomixis 12118
Aponogeton distachyus *81636
Apophylia 52409
Apoplexy
fruit *474 *56374
Aporia crataegi *68918
Aporinellus 43714
Aporocactus *65571
Aporophyla lutulenta *68943
Apotettix eurycephalus 25099
Appalachian Hardwood Manufacturers Inc 31817
Apparent death
cattle *32711
Appel O *96200
Appelia schwartzi *16801
Apple butter 95119
Apple curculio. See Tachypterellus quadrigibbus.
Apple juice
analysis and composition 62485 62486
bacteria 8881 26592 70539
canned 18342 36286
chemistry 8659 17721
concentrated 26580 36286
45321 54343
extraction 18328 26614
70645 95122
frozen 8906
frozen concentrate 8843
8865 26580 26615 36286
microorganisms 62491
79024 95122
nutritive value 70497
processing 8881 18324
26580 26592 54371 *18312
situation and outlook 70497
spoilage 62491 70539 70645
79024
storage 36286
utilization *8907
Apple sawfly. See Hoplocampa testudinea.
Apples
advertising 54270 54275
62522
analysis and composition 62486 *8664
anatomy and physiology 793
808 840 841 949
12267 12288 12509 20155
20343 29274 29334 29413
29435 30028 39164 39187
39209 46852 47747 47901
48070 48125 73096 73121
73197 81637 89877 90005
90032 90063 90122 90660
*711 *1002 *12289 *13046
*38934 *39129 *47888 *48102
*56904 *56937 *64737 *81412
*90004 *90119
associations 8630 70504
Australia 48823 65446
biennial bearing *13041
*39798 *39799 *57536 *65413
biochemistry 8905 12556
12560 36149 39236 48167
48188 54358 62634 73330
80890 *29302
breeding 1724 82215
*39810 *57574 *65445
Canada 12509
care and handling 8764
18282 26584 62577 70669
94268 95120
chemistry *95043
color 29334 39828 48125
81683 *90665
coloring *62598
cookery 19555
consumer preferences 36170
62501
consumption 36165 36170
45389
contamination 79436
costs and returns 55454
55476
California 27707 95846

Item

Apples--Cont.
costs and returns--cont.
Gt Brit 37570
Illinois 63565
Netherlands *39799
New York 36309
Oregon 63579
Washington 63592
culture 1744 1787 20926
30025 30038 39757 39842
48785 48799 48821 73826
*13049 *30048 *82225 *89989
Australia 48824 73847
Belgium *57528
Brazil *1737 *82222
California 20909
Canada 39837
France *65433
Gt Brit 1728 57562
Japan *83121
Netherlands *39848 *39849
*40552
New Hampshire 30039
73836
Sweden *57541
Uruguay *48770 *65414
*32204
Washington 1782
diseases 357 399 463
11952 11982 12263 19977
20064 26607 28834 28860
38680 38754 47531 47545
47959 52779 56485 56560
72645 72655 72693 72722
81320 89524 89725 89728
*418 *950 *11832 *11958
*28843 *28853 *38633 *38659
*38675 *38676 *38708 *47378
*47510 *47526 *47646 *47802
*48041 *56506 *56557 *56578
*64449 *72752 *81212 *81218
*99510 *89583 *89611
Australia 468 89612
control 20001 47513
72759 81321 89634 *406
*513 *11841 *28840 *38722
*56535 *89608
Denmark *81141 *81337
France *47571 *72787
Georgia 11858 64391
72772
Gt Brit 56509
Italy *38727 *90073
Maryland 28818
Massachusetts 13070
Netherlands *20357
New Mexico 81257
New York 11878
New Zealand 20073 56573
Norway *20040 *72743
Oregon 56522
resistance 492 11845
47577 56473
South Dakota 11845
Sweden *363 *497
Switzerland *28839
Tennessee 38556
transmission 89724
Union of South Africa 20022
39626
Washington 437 28944
56559
dried *18312
dwarf trees
U S S R *90614 *90669
fertilizers 13905 21785
29435 40919 49615 *49610
*58363
for processing 45286
frozen 79498
fruit set 47883
genetics 64663 64664
*73048
U S S R *759 *774
*20247 *56756 *89887
grading and standardization
8762 8773 8779 8810
26549 26556 36223 36226
36238 70599 79439 95050
*95066
costs
Gt Brit 87387
*1686

*Text of this reference is not in English.

Item

Apples--Cont.
hardiness 1778 13050
U S S R *13072
harvesting 1730 1731
1734 48779 48814 82214
*39836
Canada 1739
Gt Brit 20956
Norway *13064
Washington 18958
history 48807
industry 54196
Canada 8634
Gt Brit 45298
Italy *54192
Pennsylvania 62454
Washington 18204
injuries 366 463 927
8764 18282 26527 45366
45408 47394 81165 *1770
Japan *73799
keeping quality *87431
marketing 8691 8748
8757 18252 18256 18266
25687 26515 36181 36192
36216 45324 54250 54258
54273 62508 62509 62534
62542 62549 62574 70607
79386 95120 *62535
Australia 36125
costs 79388 79467
France *8692 *26521
Gt Brit 8728
Kansas 87509
Maine 54266
Midwestern States 95058
New York 18251 62516
Ohio 26564
research 62525
Virginia 36218 79413
Washington 18271 26523
62514
nutritive value 55925 *46998
packing 18299 25687 26564
45395 70607 87453 95089
pests 17141 28834 28860
43770 52343 60813 60835
60912 68972 77988 94074
*6664 *6718 *6722 *6750
*68844 *85939 *93993
control 5952 5962 11659
24406 33865 34228 34478
34632 52046 52063 52068
52122 52352 52494 52846
60797 61165 68412 93355
93966 *6786 *33896
Belgium *78117
California 16476
Canada 6656
Germany *52817 *56535
Gt Brit 34470
New York 68425
Sweden *43722
U S S R *94018
Germany *25042 *52453
*52736
Italy *52629
Maryland 33859
Netherlands *25043 *78123
New York 16894
North Carolina 52153
Pennsylvania 24381
resistance *61089
Sweden *94143
Union of South Africa
16238
Philippines 65442
planting 1751 30035 *20934
*39843 *90659
policies and programs 8638
pollen *12289
pollination 1751 48771
52275 90660 *65443 *82202
*82227
U S S R *13067 *20951
*73850
preharvest drop 797 47884
47954 48096 48097 56800
90127
prices 8767 8810 36251
36309 62534 79467
supports 62574

Item

Apples--Cont.
processing 18326 45408
54344 79511 *18309 *45410
*62648 *79478 *95103
costs 26588
Illinois 36283
New York 95137
Virginia 87515
products *44698
propagation 1741 13071
30023 89725 *1762
U S S R *1756 *13046
properties *65434
pruning 1765 13045 30047
39802 57551 65438 65441
90667 *1759 *20939 *39805
*39814 *48773 *48776 *65436
*73827 *82224 *90641
U S S R *48817 *73825
*73845 *90635 *90647
quality 1731 8767 18245
26584 36181 45389 54313
62542
research 90643
ripening 8905
rootstocks 345 1738 1778
20924 20925 39803 48802
*950 *11958 *13062 *48803
*56445 *65432
Netherlands *48769 *57529
Sweden *39830 *73823
U S S R *1002 *57531
*57534 *57546 *57559 *90642
seeds 12382 *44127 *57534
*57546
situation and outlook 8608
18195 18208 36100 45286
54217 62457 62460
Australia 36125 70515
Europe 87325 *8647
Germany *70517
Gt Brit 18200 36098
New York 70509
Pacific Northwest 79335
Washington 79353 87342
soils 21652 47391 72883
82877 *2709 *21709 *58305
*82899 *82905
spoilage 18351
spraying and dusting 320
5970 11664 11754 19949
19976 28736 28776 28950
34632 38609 38625 38685
38729 39800 47484 47499
47502 47562 47592 48125
52779 56541 61247 64418
85594 86009 *64523
Croatia *11880
Denmark *65423
Eastern States *64375
Illinois 56542
Michigan 56416
New Jersey 56423
North Carolina 47497
47498
Norway *72661
South Dakota 81188
Wisconsin 47551
Yugoslavia *11859
statistics 8924 26632
Netherlands *70679
storage 8853 8905 18324
36149 62577 62634 87484
*8814 *8840 *18314 *45432
*56937 *79502 *95043 *95103
Canada 1739
cold 8826 18351
*26575
costs 45427
Denmark *8839
diseases *18353 *54353
gas 8845 26585 79494
79522 *45428
Gt Brit 8869
Netherlands *45439
Norway *13064 *26589
Pacific Northwest 70669
pests 52830
ventilation 87497
subsidies 45298
surpluses 87331
taxation 63282 63284

Item

Apples--Cont.
thinning 13043 20935 39800
39823 65357 *1683 *13069
*30036 *73839
chemical 30016 30029
39818 48073 48818 57533
57547 57552 57557 57565
65428 65437 82205
trade 96091 *46927
Australia 19492 96108
Canada 55815
Chile *96108
Germany *96108
Gt Brit 45298 46948
Malaya 55815
Netherlands *46927 *46929
transportation 26527 45366
utilization 54366 70550
*62498
varieties 8720 11982 13035
13063 13065 18351 26632
30014 30022 30027 30049
30050 48777 54358 57549
57556 57563 62501 73846
82215 89877 90127 90661
*1761 *1768 *1776 *13040
*20914 *30015 *39808 *39819
*39851 *57522 *57530 *57553
*65420 *65434 *82206 *87431
*90623
Australia 73798
Azores *1781 *48804 *82226
Belgium *13039 *13044
*13066 *82207
Canada 65435
Czechoslovakia *48788
Denmark *1748 *1757
France *30044 *73808
Germany *39840 *48796
Gt Brit 8869 39847
57561 73801 *1758
Italy *1764 *73806
Japan 20910
Netherlands *13056 *39809
*57529 *70679
New York 36309
New Zealand 48790
Sweden *39821
U S S R *1721 *1785
*13036 *13052 *13057 *20247
*30033 *48820 *57542 *82201
*90645 *90658
waste
feed *3909
waxing 54358
weed control 30545 49275
weight *26589
yields 36309 82213
Applesauce 70665
Apprenticeship *10821
Apricots
anatomy and physiology
48780 90005 *39065
biochemistry *87473
culture *30037
Austria *30045
France *20916 *30017
*82208 *82209
Morocco *39807
New Zealand 73809 73810
Switzerland *48794
U S S R *1736 *90627
diseases 494 509 548
47605 47650 72619 *290
*56374 *56433 *64467
dried 62639
irrigation 39806
keeping quality 62554
Mediterranean region *26463
Morocco *30020
New Zealand 73094
prices 87485 95098
pruning *73841
public relations 26531
ripening *87473
seeds *70532
situation and outlook 8645
26606 36126 62474 70516
87339
spraying and dusting 56395
storage
cold 45456 62554

Item

Apricots--Cont.
Tunisia *73813
varieties 20957 39806
vitamins 28234 *96151
waste *36169
yields 8929
Apristus 52460
Aproceratia *16939
Aprostocetus 94035 *6736
Apsilochorema 61315
Apterogryllus 6842
Apyrausta n g *16939
Aquariums 40014
Aquatic insects 24931 43124
52026 60508 60514 77717
*5875 *24940 *34246 *43407
anatomy and physiology
16155 16161 77978
Arabia 43634
Austria *52025
British West Indies 24924
Finland *24947
Florida 24934
France *43377
Gt Brit 52031 68658 93338
Scotland 16622 43411
habits and behavior 93337
Ireland 16523 52399
larvae *16131
migration 61036
Nevada 85654
North Africa *68636
rearing and breeding *24722
U S S R *43226
Virginia 16798
Aquatic plants 19758 38869
56182 56193 56318 57686
64841 *65652 *73972
anatomy and physiology
48112 81642 *81569 *89962
*90125
control 30570 30573
34400 57951 *30592
culture *39926
Finland 56657 *47203
France *65594
Ivory Coast *29060
Japan 28651
North Carolina 11498
Sweden 11478
U S S R *28 *56354
utilization *91105
Washington 92
See also names of plants.
Aquilaria agallocha 41585
oil 45808
Aquilegia 40016
Aquilegia saximontana 21087
Arabidopsis thaliana *90010
*90018
Arabis 11491 *89198
Arabis holboellii 674
Arabogalactan 14981
Araceae 128 28513 *28595
*47288 *89332
Arachidonic acid *35684
Arachis *81430
Arachisothrips n g 72891
Arachnids 52372 77631
*24632
anatomy and physiology
*6347
and plant disease *24385
Australia 77606
evolution 24703
fossil 24703
France *24685
Gt Brit 16483
Italy *6348 *6349 *6350
Malaya 85549
mimicry *93724
nests *6398
taxonomy 16491
Venezuela *68596
venom *85545 *93721
Arachnocephalus *25091
Arachnopezizeae 28692
Aradidae 77962 *93971
Aradus *24967
Aradus cinnamomeus 16847
Aradus depressus *24967

*Text of this reference is not in English.

Item

Aradus dissimilis *24967
Araecerus fasciculatus *6489 *16560
Araeodontia n g 77659
Araeognatha *61212
Aragoa kogiorum *72415
Araiopogon n g *24792
Araliaceae *65540 *89363
Aramite *85564
Araneidae. See Spiders.
Arasan 20018 38634 90426
Araucaria *21111 *47755 *89790
Araucaria angustifolia 83673 *22283 *22363 *22364 *75151 *90036
wood 59077 83554 *22599 *22633 *22634
Araucaria bidwillii 28618 30206
Araucariaceae 47229
Araxiana n g *34648
Arbeitsgemeinschaft der Milchwirtschaft in Schleswig-Holstein *86847
Arbeitsgemeinschaft Getreideforschung *87530
Arbeitsgemeinschaft zur Förderung des Futterbaues 57181
Arbor Day 28441 *28432 *38360 *38376 *56145
Arboretums 38368 56132 64130 80911
Belgium *28554
California 80 11418 28388 28410
Canada 28437
Connecticut 80860
Germany *28433 *64112
Gt Brit 82344
Italy *63657
See also Botanic gardens; and names of arboretums.
Arceuthobium americanum 81232
Arceuthobium campy-lopodum 64318
Arceuthobium douglasii 72557
Archangelskaia n g 16800
Archephemeropsis trentepohlioides 38500
Archer-Daniels-Midland Company 44554
Archilestes grandis 34700
Archimimus n g 68765
Archips *25025
Archips argyrospila 34555 43747 52746 78061
Archiulus moreleti 60769
Archobaris n g *60834
Arctia hebe 16936 *34550 *94045
Arctia villica 43772 43774
Arctiarpia n g *25078
Arctiidae 34569 52776 *25049 *25078 *52837
Arctium lappa *49347
Arctolamia 93778
Arctomecon 57635
Arctostaphylos edmundsii 80978
Arcypteris 19853
Ardekania n g *16939
Ardii 8560 26388 54095 54165 70458 87263 *8459 *70383
Ardisia *72372
Area of production. See Acreage and area.
Arealometer 18093
Areca cathecu 30147
Areca nuts 45271
Arecoline *76294
Arenarba n g *6754
Arenaria 11482 *38475
Arenetra *61126
Arenga 73277
Areometers. See Hydrometers.
Arethusana n g *17039

Item

Argas persicus *16500 *24714 *88626
Arge *85927
Arge cyanocrocea *16917
Argemone oil 18663 87871
Argentina Instituto de Fitotecnia *21239
Argentina Instituto de Microbiología Agrícola *7449
Argentina Ministerio de Agricultura y Ganadería *82655
Dirección General de Fomento Agrícola *63957
Argentine ant. See Iridomyrmex humilis.
Arginine *4086 *32242 *48166
Argiope bruennichi *16513 *60784
Argolis 77971 *52677
Argopistes olea 68678
Argopistes sexvittatus 68678
Argynnis 94086 94090
Argynnis aglaia 52793
Argynnis dia *78191
Argyra 16695
Argyresthia conjugella *94143
Argyresthia ephippella *17019
Argyresthia fundella *94059
Argyria sticticraspis 94035
Argyroploce *78165
Argyroploce leucotreta 43797 52783 *25064
Argyroploce variegana *16954 *34599
Argyrotaenia velutinana 34591 43787 52779 78120
Ariadna 77631
Ariathisa *94064
Ariocarpus furfuraceus 13373
Aristida *11452 *29101
Aristolochia 47238
Aristolochia amesiana 47281
Aristolochia clematis *181
Aristomin *24274
Aristotelia *85956
Arizona Agricultural Chemicals Association 3135
Arizona Agricultural Experiment Station 56096
publications 28250
reports 38296 64084
Arizona Feed Control Off 87131
Arizona State Entomologist 52045
Arizona State Land Commissioner 10246
Arizona University 5245
College of Agriculture
Agricultural Extension Serv publications 28250
Arkansas University 32494
Arkhangel'skaîa Gosudarstvennaîa Zavodskaîa Konfûshnîa *23598
Arlesiella n g *43908
Armadillidium 52385
Armagnac *35447 *44649 *53610 *63559
Armed forces *11336 *27583
food 7553 8031 9533 17638 17642 17987 18689 19524 19525 19527 19548 19554 35213 35271 35310 35313 35364 35366 35722 36206 36672 44838 45356 45357 45358 45657 53426 54660 54661 54785 55888 61812 69611 69637 70035 78710 79054 86526 86527 86552 86605 86611 86612 86664 87716 87811 89018 94529 *7610
Canada 7416
conferences and congresses 19544
France *25727
Gt Brit 28158
Switzerland *87377
Armeria 56481

Item

Armillaria mellea 28883 47528 72635 *20063
Armillaria robusta *28687
Armstrong College Expedition 1935 43424
Arnica montana *13216 *64625
Arnica wilsonii 89284
Arnold Arboretum 56175 82474 *89194
Arnold method *7450
Arnyllini n tribe *77727
Arnyllium *77727
Aromatic plants 58021
Argentina *21459 *58039 *66071 *74372 *74373 *91121
French Equatorial Africa *58027
Italy *58015
Pakistan 21448
Arrack 35482
Arrenoclavus koehleri *52700
Arrenurus *68592
Arrhenatherum *38545
Arrhenatherum elatius *89605
Arrhenatherum neumayerianum *38939
Arrhenothrips 61287
Arrowroot starch 87351
Arsenamide 59841
Arsenic
effects on plants 12347 *788 *75413
in plants 67297
in urine 92844
insect resistance 34182
residues 75900 89556
toxicity 4037
Arsenic compounds
insecticides 52186 *33834
Arsenomethane As-1,2 disulfide 52186
Arsonic acids
effects on cattle 76176
effects on poultry 23857
effects on swine 33701
therapeutic use 33712 60167 60454 76816
Art 10799 46694
Artace *34600
Artace obumbrata *34561 *34592
Artels. See Collective farming. U S S R.
Artemisia 1033 2365 69250 81979 *38417 *89874
Artemisia absinthium *49337 *53639
oil 62960
Artemisia tridentata 49280 91038
Artemisia uzbekistanica *12099
Arteries 15597 *3982 *67920
Artheneis 6689
Arthraxon 47222
Arthrinium 19876
Arthritis
dogs 32906 67823
horses *42481 *51473
poultry *42689
sheep 85112
swine 60480
turkeys 42670
Arthrobotrys robusta 19874
Arthrobotryum *64293
Arthrodosis *60806
Arthrodosis pfaundleri *68664
Arthromelus *16577 *77727 *85647
Arthropodium 72425
Arthropods 60523 85323
anatomy and physiology 5895 16679 33817 33820 85320 *16141 *85322
as parasites 68387
as pests 68387 93405 *93396
bloodsucking *60518
control *16495
ecology *5893
evolution *85321

Item

Arthropods--Cont.
habits and behavior *85329
luminescence 77164
populations 85323
Arthuria 275
Articerodes *85647
Artichoke plume moth. See Platyptilia carduidactyla.
Artichokes *90956
culture 40239 49149
diseases *556
feed *90402
pests 17027
Artificial insemination 3820 50667 83689 83708 92180 *3825 *3832 *22756 *22758 *22765 *22767 *22770 *22779 *22912 *32202 *32206 *32212 *50657 *50659 *50661 *50671 *50682 *75727 *75728 *75734 *83699 *83703 *92169 *92448 *92510
Algeria *84117
Argentina *50655
asses *15658
associations 3835 *4368
Australia 67234
bees 24524 43306 52324 60641 *6124 *6319 *16461 *34148 *43304
Belgian Congo *3830
Brazil *3834
cattle 4254 4260 4271 4281 4297 4317 4319 4326 4328 4332 4367 4381 4652 15279 15297 15302 15324 15331 23160 23161 23164 32511 32534 32552 41960 41968 41971 42021 42027 50984 50990 51000 51005 51007 51043 51044 51047 51068 51069 51072 51078 59762 67483 67497 67505 67526 76086 84026 84079 84101 84122 92433 92482 *4270 *4288 *4401 *4433 *15258 *15260 *15278 *15298 *15299 *23074 *23076 *32554 *41949 *51056 *59444 *59464 *59466 *59520 *67482 *67508 *67511 *67525 *67612 *76012 *84044 *84097 *84120 *92403 *92429 *92477
associations
Germany *4403 *4404 *32557 *59471
Netherlands *67507
Sweden *84038
Australia 32595
Austria *32571 *51035
Belgium *42025
Brazil *59502
California 84069
Canada 76146 *42013
Colombia *4372
Connecticut 50982
Denmark 84138 84139
Ecuador 4361
England *59520
France *23090
Germany *15277 *23118 *59516 *59517 *67471 *67509 *67514 *76029 *92391 *92457 *92511
Russian Zone *84132
Gt Brit 67688 84082 *15274 *32489 *59513 *76125
Iceland *32495 *59527
India 75997 84105
Intermountain Region 51039
Italy *50971 *59465 *84128 *92465
Japan *4347
Maine 67470
Netherlands *15316 *32590 *41982 *67488 *67489
Norway *41985
Ohio 23403
Puerto Rico *4374
Scandinavia *59520
Sudan *59486

*Text of this reference is not in English.

Item

Artificial insemnation--Cont.
cattle--cont.
Sweden *4337 *32528 *67490 *84099
Tennessee 4338
U S S R *23143 *67475 *76026
West Virginia 23123
Yugoslavia *92432
cooperatives *15039 *50656 *59247
dogs 92719
France *3823 *59150
Germany *92457
goats *42916 *85063
horses *4998 *15658 *23601 *42439
U S S R *23581 *23592 *23593 *23597 *33007 *33023 *59916 *84594 *84615 *84620 *84638 *92814 *92822
India 32209
Italy *3818 *15035 *22755 *22780 *32198 *83694
Japan *50678
Netherlands *32501
Peru *59155
poultry 5200 67982 *15047 *23761 *60033 *84750 *92891
rabbits 15948 *15047 *93117
sheep 5615 42898 *5607 *42916 *85063
U S S R *24111 *33534 *33536 *33541 *42905 *51791 *51800
Spain *50664 *67227
study and teaching 51000 *92429
swine 16044 *15047 *86178
turkeys 5196 15737 15739 23725 33150 33157 84784
U S S R *32203
Artiotilla n g *16905
Artocarpus heterophyllus 13027
Artona catoxantha *94126
Arundinaria gigantea 47302
Arundinaria maling 39155
Arundo conspicua 77938
Arundo donax 3683 *58035
Arushia n g *24923
Arvelius albopunctatus 24964
Arylamine 90146
Aryloxy acids 20365
Aryloxyacetic acid 12418
Aryloxyaliphatic acids 28941
Asafetida giantfennel *33559
Asamblea Latinoamericana de Fitoparasitologia *11618
Asaropoda 78037
Ascariasis
cats 76536
dogs *76530 *76531
guinea pigs *84744
horses 5091 *59925
man 51993
poultry 23891 42701
swine 51993 68345 *24296 *43062 *51976 *60457 *77106 *77107
Ascaridia galli 5393 23886 23891 23938 42656 42701 42711 84873 84916 84919 93038
Ascaris 51993
Ascaris lumbricoides 5847 93255
Ascaris lumbricoides suis 24312 85257 *43060 *51955
Ascaris vitulorum 4610 51259
Asciidae *94144
Ascites 5297 *84548
Asclepiadaceae 38413 89307 *28566 *81006
Asclepias 13729 29099 47760
Asclepias cornuti *56883
Asclepias syriaca *39146 *64830

Item

Ascochyta 56325 *72492
beans 28865
chickpeas *47541
peas *64506
sorghum 81288
tobacco 28887
Ascochyta gossypii 19970
Ascochyta pinodella *11901
Ascochyta rabiei 427
Ascochyta trachelospermi *38523
Ascodipteron 60933
Ascomycetes 38534 *28706 *28898 *72504 *81084
anatomy and physiology *89832
in soils 21989
Iowa 64299
taxonomy 89455
Ascorbic acid
determination 17567 61722 *7453 *7465 *53424
effects on blood 4280 54604
effects on cattle *51011 *59639
effects on livestock 15473 *23028 *32423 *32424
effects on plants 81719 *81716 *81717 *89962
in animal nutrition 33102 84284
in beer 25787
in butter 79047 79108
in cabelluda *38142
in celery 11149
in citrus 8898
in cream 79047 79108
in dairy products *72139
in feed *32284
in food 55918
in food processing 53851 70273 70892 87492 95071 *54378
in forage plants *20469
in fruit 8874 8898 26474 55917 55935 80687 95112 95131 *11128 *38139 *62578 *64870 *64879 *64880 *87371 *87468
in guavas 38141
in guinea pig nutrition 33097
in human nutrition 11038 28158 89002
in jellies and jams 26586 38136
in milk 35680 63953 80694 87055 94757 *55919 *55928 *72131 *85078 *86922 *89052
in nuts 18223 19568 *89054
in oranges
in plants 7738 12237 12426 12526 12564 36268 46996 48076 48175 *12515 *20412 *20414 *48144 *48168 *48189 *56883 *56934 *56984 *64881 *73282 *81714 *81715 *81778
in potatoes 28245 81733 *81752
in rose hips 47001
in semen *59914
in tomatoes *81770
in vegetables 8913 11147 45307 47932 49142 70620 79468 80687 89053 95112 *8896 *11128 *19578 *55930 *55937 *62578 *87371
in wheat *29318
oxidation *8660 *44519 *69628 *86603
Ascoschongastia 6370
Asellus meridianus 24699
Asetacus n g 52372
Ash (ash trees). See Minerals.
Ashburton-Lyndhurst Irrigation Project 74783
Ashbya gossypii 5253
Ashland Gardens 21178
Asidobothris *16583

Item

Asilidae 34308 85760 *24792 *93833
Asilus 34308
Asimina triloba 90577
Asociacion Argentina Criadores de Cerdos *5852
Asociacion Colombiana de Ganaderos *7904 *18488
Asociacion de Agricultores de Puerto Rico *37974
Asociacion de Tecnicos Azucareros de Cuba 79918
Asociacion Nacional de Uniones de Credito Agricola y Ganadero *63256
Asociacion Rural del Uruguay *19394
Asociacion Uruguaya Criadores de Hereford Americano *67464
Asparagine 814 73336
Asparagus *74168
anatomy and physiology *56823
breeding 40190 49152 57831 82508
culture 2266 49146 74135 74158 *57857
Austria *65896
Canada 90966
Costa Rica *65861
Denmark *49191
Ecuador *65832
France *82520
Germany *65908
Netherlands *2159 *21264 *65874
New Hampshire 74166
diseases 56512 *11943 *72684
fertilizers 57825
frozen 95078
harvesting 34883
marketing 36187
packing 26563 79459
pests *24717 *25052
planting 2206 57823 57825
processing *65874
varieties 2192
weed control 21401 30540 40257
Asparagus officinalis *21313
Asparagus racemosus 12543
Aspartic acid 87754 *39240
Aspelein *56969
Aspen. See Populus.
Aspergillin *23319
Aspergillosis *32315
Aspergillus 56516 64869 78193 *265 *38540 *82737
biochemistry 12422
genetics 81499
taxonomy *38541
Aspergillus elegans 56969
Aspergillus flavus 81293
Aspergillus glauca *43350
Aspergillus nidulans 64674
Aspergillus niger 484 11940 12344 20453 29480 36734 63089 64902 *88043 *91202
anatomy and physiology 25612 58560 81579 *89970
biochemistry 20474 81783 *1045 *39237 *39244 *39253 *48169 *90159
Aspergillus oryzae 1055 12325 48159 56981
Aspergillus terreus 39251 64698 64844
Asperuloside 29487
Asphalt 3002 66656 88210 88218
Asphingoderus n g *61258
Asphondylia photiniae 52570
Aspidella vittadini *264
Aspidiotiphagus lounsburyi *94037

Item

Aspidiotus 43653
Aspidiotus forbesi 6641 16511
Aspidiotus oxycoccus 24938 52645
Aspidiotus perniciosus *6687 *16797 *34473 *52612 *68823 *77947 *77993 *77997 *85856 control 16855 34478 * 6683 *24936 *24949 *61039 *77975 *93948
burning *52674
Germany *24958 *52617 *52656 *61032
Italy *52655 *68810
Germany *52643 *52648
Italy *85861
Switzerland *34434
Aspidistra elatior *29067
Aspidium 11545
Aspidolopha 77676
Aspidopyga n g *24792
Aspidosperma *81005
Aspidosperma olivaceum *91811
Aspidosperma pirifolium 82639
Aspiduchus 43891
Aspilomorpha n g 77732
Aspitates gilvaria burrenensis 52762
Asplenium montanum 12138
Asplenium nidus *90824
Asplenosorus ebenoides 89378
Assam Civil Veterinary Dept 22887
Assam Dept of Agriculture 38152 *95692
Assamiidae *24707
Asses 3840
anatomy and physiology 67925
breeding *4999 *15671 *23596 *33012 *42440
breeds
Brazilian *84606
Martina Franca *23561
Pega *15671
fertility *84606
stud books 3840
weight and measurement *84704
See also under Artifical insemination; Semen.
Assessment *50155 *66891 *71735
Associação Brasileira de Lacticinistas *17826
Associação dos Criadores de Cavalos Crioulos *76611
Associação dos Criadores de Cavalos da Raça Mangalarga *84607
Associação Paulista de Criadores de Bovinos *92669
Associated Cooperatives 80546
Associated Independent Canners 69698
Associated Women of the American Farm Bureau Federation 37932
Associated Women of the Maryland Farm Bureau 38172
Association Forestière de l'Aude *83200
Association Forestière Québecoise *3214
Association Internationale des Fabricants de Superphosphate *14257
Association Laitière Française *17817
Association of American Feed Control Officials 18022 18035 94891
Association of American Railroads
Freight Loss and Damage Prevention Committee 69579

*Text of this reference is not in English.

Item

Association of American Soap & Glycerine Producers 36686
Association of Applied Biologists 63958
Association of Land-Grant Colleges and Universities 10613 10719
Association of Official Agricultural Chemists 53473
Association of Official Seed Analysts 27074 39481 45925
Association of Southern Agricultural Workers 80547
Association of Sugar Producers of Puerto Rico 79919
Association of Virginia Potato and Vegetable Growers 87311
Association Suisse des Professeurs d'Agriculture et des Ingénieurs Agronomes. See Schweizerischer Verband der Lehrer an Landwirtschaftlichen Schulen und der Ingenieur-Agronomen.
Associazione Apicoltori della Sardinia *6105
Associazione Granaria di Milano *8938
Astata 68905
Astenus *52446
Aster 48983 57756 *82638
culture 90761
diseases 38813
forcing 30275
hardiness 48942
pests 52788 85747
propagation 21165
varieties 49106
Aster yunnanensis 21103
Aster-yellows. See Yellows, Aster
Asteraceae *89310
Asterionella formosa acariodes *81075
Astercolax erythroglossi *11564
Asterina 38528
Asterinella 38528
Asterocapsa n g 38503
Asterococcus *75848
Asterococcus bovis 59741
Asterolecaniidae 16800
Astraeus 56331
Astragalus 28550 28607 47217
Colorado 11495
culture 27216
feed *15794
Near East *89322
Utah 72410
Astragalus serotinus 23329 32744
Astrophytum *13163 *30378
Astrophytum myriostigma coahuilense *81024
Asyneuma *47275
Asynonychus *43481
Asynonychus bondari *24725
Asystasia coromandeliana 72716
Atalantia monophylla oil 70968
Atalaya capensis 3288
Atarba 52497
Ataxia 16000 42943 84688
Atebrine *32908
Aterpia 17056
Athalia *52716
Athalia colibri japonensis *94038
Athemus *60891
Atherigona *93863
Atherosclerosis 76755
Atheta 43424 *52426 *68638
Athour rufus *34243
Athrotaxis 56209
Athyreus *34258

Item

Athyrium 89235 *29071
Athyrium filix-femina *47783
Athyrma *68985
Atkinia 52365
Atkins Garden and Research Laboratory 80876
Atkinsonia Cambridge, not Stainton, See Atkinia.
Atlantic white cedar. See Chamaecyparis thyoides.
Atmetocranium n g 61094
Atom bomb 39043 70196 70197 81694 86841 *89875
Atomaria 52460
Atomaria linearis *43473 *68649
Atomic energy
and agriculture 20415 58568
and forestry 41570
effects on food 25677
effects on livestock 32357
effects on plants 29332 *39091
in food processing 35382 35392 44576 44590
See also Deuterons; Electrons; Ions; Neutrons; Radiation; Radioactive substances.
Atomosia 34308
Atopandrium n g 43719
Atopoxydema n g *68715
Atopsyche 78282
Atractomorpha crenulata 61280
Atrichopogon 16727 68787 85789
Atrichum 210
Atriplex 38849
Atriplex canescens. See Fourwing saltbush.
Atriplex semibaccata. See Australian saltbush.
Atriplex vesicarium 12776
Atropa 56220
Atropa belladonna 2428 40338 93265 *30707 *56964
Atrophic rhinitis. See Infectious atrophic rhinitis.
Atropine 43260 *85997
Atta
control *6711 *6721 *16899 *52729 *61103 *61130 *68882 *78042
Atta insularis *68894
Attacus ricini 86048
Attagenus *43467
Attagenus megatoma 52444
Attagenus piceus 34635
Attalus 52460
Attapulgite 13762
Attelabus nitens *60870
Attested Herds Scheme 4560 76361
Attitudes 10569 63826 72014 80593
Greece 72018
Italy *78873
Switzerland *19462
See also under Farmers; Youth.
Attractants, for insects. See Baits and traps, insects, attractants.
Aturus *34186
Atyphloceras tancitari 78294
A T 10. See Tachysterol.
Auchenotropis *16577
Auckland Agricultural and Pastoral Association 11255
Aucoumea *92065
Auctions 18548 36574 45257 54244 95268 95273 95280
Belgium *18277 *35280
California 18547
Gt Brit 8712 79408
Scotland 17609
Nebraska 9262
Netherlands *45342 *54265 *79415

Item

Auctions--Cont.
New York 45669 54630 54631
Texas 87766
Virginia 79715
Washington 9277
Western States 45680 70821
Wyoming 87769
See also subheads marketing; shows under specific subjects.
Audio-visual aids 63696 80447 *27960 *55675
See also Visual aids.
Aujeszky's disease. See Pseudorabies.
Aulacaspis 85872
Aulacaspis rosae 52120
Aulacidea 34531
Aulacorthum 77963
Aulacus 6709
Aulacus aneurus 94041
Aulacus striatus 16922
Aureogenus magnivena 29010
Aureomycin 74483
effects on cattle 23245 51131 67567 76179 76185 76190 76201 76225 76339
effects on livestock 3940 15065 15066 *41703
effects on milk 79100
effects on plant disease 11961
effects on poultry 5224 15066 23861 23867 23883 23915 33214 33218 60068 76761 *42582 *60083
effects on sheep 85080
effects on swine 5756 5757 5790 16057 16058 16078 24239 24257 51905 51906 51938 51944 51975 60477 77069 77083 77094 *42582 *43046
effects on turkeys 23793 23808
residues 44974 92649
therapeutic use 67327 *15151 *51514
cats 76534
cattle 23289 42123 51169 67619 92649 *15437 *76153
dogs 15175 42365 51399 *51371 *59844 *84529
horses 23289
pheasants 23893
poultry 5369
turkeys 42655
Auricularia 81094
Auriolus 93778
Aurofac *23846 *33681
Auschuss für Mastleistungsprufungen in der Schweinezucht *24339
Australia Canned Fruits Board 26570
Australia Commonwealth Scientific and Industrial Research Organization 47110 96164
Div of Forest Products 3215 3216 14808
Australia Commonwealth War Service Land Settlement Scheme 88612
Australia Dairy Produce Board 62006
Australia Egg Board 36761
Australia Forestry and Timber Bur 66796
Australia Fruit Industry Sugar Concession Committee 62650
Australia Meat Board 54554
Australia Sirex Wasp Committee of Inquiry 52693
Australia Wine Board 35444
Australia Wool Board 45138
Australian Dried Fruits Association 26139

Item

Australian Honey Institute 18461 87690
Australian Paper Manufacturers 41504
Australian Pure-Bred Dairy Cattle Production Recording Scheme 4738 23400 51286
Australian Pure Breeds Recording Scheme 4751 42270
Australian saltbush *73578
Australocleptes n g 6669
Austria Tabakregie *54931
Austroasca viridigrisea 34471
Austroicetes 69009
Austrolimnophila 52497 68719
Austromordella n g *6434
Austropeucedanum n g 89328
Austrophaea n g 77631
Automeris io *17080
Automobiles 17416 26429 63200 *7211 *95650
Autophila 78209
Autopsies 22960 *4013 *22925 *32312 *32388 *41768 *59296 *75991 *83969
cattle 42185
dogs 59835
poultry 15850
Autoradiography 12506 *12361
Autosexing. See Poultry, sexing, autosexing.
Autotetraploidy. See Polyploidy.
Auturus 16481
Auxins. See Growth substances.
Auxopus 47291
Avalanches 83451 *3495 *14050 *14640 *14643 *50384 *58840 *58849 *66574 *66978 *75361
Austria *14636 *66971 *74782 *91888
Italy 83454
Switzerland *61334
Avelsföreningen för Svensk Rod och Vit Boskap *59441
Avena. See Oats.
Avian encephalomyelitis 15825 60136
Avian leukosis complex. See Leukosis.
Avian malaria 15839 23902 23971 68793
ducks 60162
pigeons 84857
turkeys 42637
Avian monocytosis 5295 5321 33343 76851
treatment 23980 68081
turkeys 5368 76826
Avian typhoid. See Fowl typhoid.
Avicenniaceae 148 47259
Avigdor S *56012
Avioserpens bifidus 68075
Avitaminosis. See Deficiency diseases; Vitamins; and names of diseases.
Avocado oil *9482
Avocados
anatomy and physiology 48083 56714 89868 89936
bibliographies 90582
biennial bearing 29985
California 29967 90579 90583
costs and returns 55448 80328
culture 90589 90611 *90575
Australia 1713
California 1712 29980 29981 90587 90607
India 1707
Peru *48744
diseases 521 11729 29199 89566 89686 89690 89980 90082 *47471

*Text of this reference is not in English.

Item

Avocados--Cont.
diseases--cont.
Central America 28968 89567
Honduras 89688
Peru *403 *47389
hardiness 90590
history 48758
irrigation 91431
Israel *20891
Italy *57490
pests 34196 60768 68603
control 24830 34196 60532
pollination 90022
propagation 90586 90603 *1708
research
California 29986 90581 90592
rootstocks 89689 90590
seeds 89979
varieties 48764 65801 90576 90604
California 1695 20883 65376 90608 90609
Avodire. See Turraeanthus africana.
Avrosia translucens *52391
Awards 11287 71976
Canada *71583 *88808
New Jersey 71877
Sweden *51010
U S S R *22097 *24556 *27369 *80114
Awnings 87296
Axes 22443 91877 *3571 *75420 *91937 *91948
Axiidae *94138
Axonopus *28514
Axonopus scoparius *11966
Ayacucho *68596
Ayrshire Cattle Herd Book Society 4258 67487
Azalea 13394 65665 73909
anatomy and physiology 805 887
breeding 90733
culture 1008 21154 40117 65800 *1924 *2052 *65547
diseases 29438 39056 81243 *11718 *38653
fertilizers 74618
hardiness 13308 65490
hybrids 49015 49036
injuries 47386
pests 60535 60868 77648
propagation 2040 49112 49113
varieties 13299 13434 21125 40058 40085 49120 65490
Azalea indica. See Rhododendron indicum.
Azelina waltonaria. See Snowia pulcherrima.
Azizus 52622
Azobenzene 24684 *85359 *93704
Azofos *31242
Azolla caroliniana 38496 *24902
Azorella *81016
Azores Comissão Reguladora dos Cereais *8940
Azotobacter 56328 64849 *853 *2611 *21553 *21574 *31743 *40528 *49479 *58151 *58153 *66191 *66203
anatomy and physiology 12291 *12471 *21551 *40529 *58127
Azotobacter agile *13795
Azotobacter chroococcum *13798 *40512 *82731
Azotobacter insigne 38519
Azotobacter lacticogenes *2617 *30802
Azotobacterin *21710 *40496 *58131 *66211
Azotogen *58138
Azoturia 5078
Aztec tobacco 48149 *29866
anatomy and physiology 29387 48013 *90086
biochemistry *48190
breeding *773
culture *29871
diseases 56590 *52896
genetics 81510 *47843
processing 36986
Aztecariella n g 16810

Baar P *19656
Babassu 8643 *87334 *87861
Babcock S M 23412 47068 64050 *11253
Babcock test 53784 62058 69991 70001 79052 94759
Babesia bovis *67696
Babesia canis 32931
Babesiosis. See Nuttalliosis; Piroplasmosis; Tick fever.
Babia *77758
Babiini *34265 *77758
Babo test *61901 *61979
Baby foods 25608 63939 *89013
Baby pigs 16112
anatomy and physiology 85266 *77105
care 16064 24326 43091 43109 51982 52010 68362 93288 *5854 *24337 *52009 *52015 *52018 *60497 *68354
Germany *24329 *24334 *43106 *52001
Netherlands *16124
Norway *33675
U S S R *5861 *52000 *52006 *93187
diseases 33728 43087 60467 77101 93268 *24284 *43072 *51952 *51987 *77109 *77116 *85273
feeding and nutrition 5778 16058 16063 16064 16073 24231 24235 24256 24275 24281 33693 33702 43036 43037 43047 43054 51905 50906 51916 51921 51931 51938 52010 60411 60412 60414 60430 60431 60433 60440 60442 60445 68315 68321 77068 77097 85192 85195 85197 85198 85213 85266 85277 93221 93222 *33675 *33677 *33681 *43026 *51945 *51950 *52001 *60422 *77100 *84804 *93231
deficiencies 16078 60427 77081 85274 *51919
growth 51905 51906 51938 60445 60470 85227 *60401
industry 9200 43100 43105 43108 51999 60485 68352 77072 85285 95222 95236
mortality 16087 16097 60452 60453 60467 85266 *5812 *5824 *24307 *43073 *51947 *77116 *93256
parasites *24307
viability *51898
weaning 33760 *77088
weight and measurement 5777 24265 51981 85266
Baccharis cordifolia *21405
Baccharis pilularis 2369 6823
Bacchisa *6420
Bacidia 56339
Bacillus 25666
Bacillus amylovorus *11971
Bacillus anthracis 32374 59327 83907 *3974 *51514 *67385
Bacillus aroideae *89691
Bacillus cereus 11978 48080 *52869
Bacillus cereus alesti *25116
Bacillus cereus mycoides 56941
Bacillus larvae 60692 85483
Bacillus megatherium 12125 12303
Bacillus mycoides *82723
Bacillus polilliae 24765
Bacillus sotto *61286
Bacillus stearothermophilus 81700
Bacillus subtilis *38786 *61721 *72783 *81268
Bacillus thermoacidurans 25612
Bacillus thuringiensis 17083
Bacillus tularensis. See Pasteurella tularensis.
Bacitracin
effects on cattle 76224
effects on poultry 5257 33273
effects on semen 76132
effects on swine 51944 60470
therapeutic use 23498 67713 76344
Bacon 28231
analysis and composition 18556
cooperatives 70846
curing 9360 26872 26879 36668 95309
cutting 70887
grading and standardization *70860 *87778
Gt Brit *36525
prices 70887
quality 5781 9295 79720 79721
spoilage 87792
storage 18556 87792
trade
Denmark *10944 *19472
Gt Brit 55846 *10944 *19472 *96085
Yugoslavia *96085
Baconer Carcass Competition 9299 9300 18549 18558 26852 54642 70854 79725
Bacopa nobsiana 28564
Bacteria 17871 17881 38533 81700 *11600 *11975 *13793 *38666 *56932
aerobic 17891 53422 94047 *26334
anaerobic 2619 17685 45654 79143 *4630 *79022 *82713 *94810
anatomy and physiology 825 857 890 958 29425 47947 *39173 *73020 *73297
biochemistry 1067 90157 90167 *39257 *64907
coliform 15845 17887 17900 25975 35808 44982 53768 53771 53789 78991 87058 *7990 *26001 *62080 *87024
culture media 11974 12415 21551 28975 *253 *28855 *36550 *76302
cultures 81310 87044 *11873
cytology 673 56707
genetics 12207 58135 *12203
hemoglobinophilic 85253
luminescent 48162
nitrogen fixation 2617 2618 38519 49471
nodule 13986 49472 58146 *13801 *13812 *21562 *21572 *30796 *40516 *47922 *49466 *74476 *74477 *82712 *82729
nomenclature 11882 81278
Bacteria--Cont.
physiologic specialization 64793
psychrophilic 70027
surveys
Arctic Regions 89236
taxonomy 83943
thermoduric 7729 7992 8016 17891 25612 25974 70020 79031 94816
vitamin synthesis *24148
See also Bacterial diseases; names of bacteria; and under specific subjects.
Bacteria paratyphi B. See Salmonella schottmuelleri.
Bacteriaceae 64289
Bacterial blight
beans 11968 11977 28981 38777 47617
peas 541
Bacterial blight, cotton. See Angular leaf blight, cotton.
Bacterial canker 81316 *38781
Bacterial chalk *72802
Bacterial diseases
Alnus *72817
beans 89698 *64538
citrus *47610
Dianthus 47614
fruit *11971 *38780 *89697
Gladiolus 72547
grapes *20108
peas 530
plants 38787 56581 64537 93438 *11967 *11974 *20045 *28973 *38783 *81314 *82727 *89697
potatoes *446 *11970
soybeans 72807
See also names of diseases, organisms, and hosts.
and hosts.
Bacterial leaf spot
Capsicum frutescens longum 533
peaches 47613
Umbellularia californica 28976
Bacterial leaf spot, cotton. See Angular leaf spot, cotton.
Bacterial soft rot
onions 87483
Bacterial spot
peaches 450
Bacterial spotting
tomatoes 72812
Bacterial wilt
Dianthus 47611
tobacco 56583
tomatoes 538
Bactericides. 76115
See also names of bactericides.
Bacterins 76784
Bacteriology 411 22962 25985 63963 84282 *17979 *18008 *18020
Bacteriophages 4122 7548 8210 8219 8275 26222 53978 62189 64006 79000 87120 94834 *7995 *8297 *8317 *17884 *18009 *23924 *26243 *38789 *45047 *45062 *49469 *53999 *62225 *70276 *76776 *84850 *89693 *89694 *92312 *94838
Bacteriostats *18833
Bacterium 64289
Bacterium armeniaca *11972
Bacterium aroideae 72813
Bacterium campestre 540
Bacterium carotovorum. See Erwinia carotovora.
Bacterium coli. See Escherichia coli
Bacterium linens 8287 *53927 *62059
Bacterium malvacearum *11972 *11979

*Text of this reference is not in English.

Item
Bacterium michiganense *538
Bacterium radicicola. See Rhizobium leguminosarum.
Bacterium solanacearum *20048 *89693 *89694
Bacterium stewarti 72803
Bacterium syringae *11972
Bacterium tumefaciens. See Agrobacterium tumefaciens.
Bacterium vesicatorium 533
Bactra 52770
Bactris 28577
Badoux H *19643
Baebius *52677
Baetis 78275
Baetis pavidus *78267
Bagasse 3794 79931 95483 *40989 *46036 *88037 *88096 *95552
analysis and composition 18754 71146 71147 79961 *71126
feed 4501 *42085
fuel 36947
processing 54492 95533 *18764 *27145
properties 36947
transportation *88095
utilization 36907 59068 70707 79545 79546 79569 79920 *27175 *36900 *53561 *54479 *71126 *88036 *88088
bibliographies 54915
Bagaudella n g 77971
Bags
cotton 87662
insectproofing 5951
insulated 35777 53891 53897
jute 95559
Bagworm. See Thyridopteryx ephemeraeformis.
Bahia grass. See Paspalum notatum.
Baikiaea plurijuga 58756
Bailey F M 47067
Bailey L H 89128
Baillon H *72192
Baits and traps
birds *11671 *19932 *47420 *89083
hazards and safeguards *28263
insects 5900 16150 24358 34402 34572 34658 34662 43122 60928 69007 85848 93356 94063 *16147 *16153 *34704 *52147 *52853 *78218
attractants 34321 34392 68737 68781 *52109 *52573 *52850 *77972 *93875
light 16145 16732 16968 34572
insect 60501 60506 68378 68410 77161 77174 77179
rodents 28270 *56411 *72169 *80727
Bakeries 9113
pests 6863 60625
Bakerophoma tracheiphila. See Deuterophoma tracheiphila.
Bakery products 11068 46955
analysis and composition *45593
cookery 96136
fortified *46993
frozen 7598 7650 17678 17691 44566 44614 61880 86662 86676
ingredients 17883 25709 36117 54783 61973 62503 70036 *25589 *79570
packing 25689
See also kinds of bakery products.
Bakewell R 50666 67229
Baking. See under 4-H Clubs.
BAL 4037
Balakovskaîa Mashinno-Traktornaîa Stantsiia *25459
Item
Balance of nature 33915 *11222 *93311 *93435
Balaninus elephas *85682
Balaninus glandium *43432
Balanites roxburghi 45932
Balanophora polyandra 11460
Balansia 38520
Balantidium coli 59855 *43081
Balantidiasis 59855
Balata *82648
Balaustium 85562 *93731
Balcanohydracarus *68592
Balclutha 61037
Baldulus elimatus *11987 *12022 *16931
Baldwin J T Jr 56182
Balera n g 85884
Baling 7112
Balladynastrum *72508
Ballocephala n g 19872
Ballomarius 52628
Balsa. See Ochroma.
Balsam fir. See Abies balsamea.
Balsam woolly aphid. See Chermes piceae.
Balta *61274
Baltimore Milk Production Incentive Plan 87039
Bamboo *15003 *50632
anatomy and physiology 81441
Argentina *14466
Belgian Congo *22648
culture 21620
hybrids 89906
Japan *49080
pests 16639
U S S R *61033
properties *50652 *75720
Bananas 36120 82200
abnormalities 12162
anatomy and physiology 47958 81690 89827 *875
Canary Islands *8606
care and handling 8753 *95060
culture 13016 13017 30011 74679
Australia 13010 73794 90601
Brazil *65368
Cameroun *20879 *73771
India 73778 82181
Israel *73797
Peru 48744
Trinidad 57512
diseases 11934 20057 *615 *19887 *72719 *89743
Australia 56594
Colombia *11633 *56373
French Guinea *81543
French West Indies 89630
Haiti *64493
Ivory Coast *39021 *39202
Jamaica *72768
Peru *64330
fertilizers 31045 *82865
French Guinea *29972 *39773
Guadeloupe *48760
harvesting 8753
industry 45283 87332
Australia 8635
Cameroons 8616
Costa Rica 36114 70673 *87315
Jamaica 8616
Mozambique *70523
Puerto Rico *18212
Somaliland *95023
Israel *57517
Madeira *40102
marketing 8753
Martinique *48760
packing 8753 *36241
Peru *18202
pests *16543 *68682 *68894
planting 30010 39793
prices 26566
research 20877
Item
Bananas--Cont.
ripening *95054
taxonomy 47284
trade
French West Africa *11011
transportation 87417 *26510 *26512 *54260 *95054 *95060
U S S R *20904
varieties 1699 20881 20892 48736 64194
Banca Nazionale dell'Agricoltura *88175
Banco Agrícola de Bolivia *23022
Banco Agrícola del Peru *9793 *88176
Banco Agrícola y Pecuario *46087
Banco Central de la República Argentina *27262
Banco de Crédito Agrícola e Industrial de la República Dominicana *37092 *80041
Banco de Fomento Agrícola e Industrial de Cuba *71231
Banco Hipotecario de El Salvador *9795
Banco Hipotecario del Uruguay *63233 *88177
Banco Nacional de Costa Rica *71232
Bandakia *68592
Bang-Haas O *80762
Bangia fuscopurpurea 72451
Bangioideae 72451
Bang's disease. See Brucellosis.
Bang's method *23296
Bankhead-Jones Act 63764
Banks and banking 9813 9827 9845 18868 18879 18891 34101 46093 46096 95630
Argentina *27262
Arkansas 63232
Australia 37120 46114 63254
Brazil *9819
Colombia *46089
conferences and congresses 80042 80044 88194 95608
cooperatives 46128 *37077 *46117 *95619
Costa Rica *71232
Cuba *71231
Dominican Republic *37092
Finland 9839
Gt Brit 18872 37105
India 9832 18883
Italy *9821 *71246 *88175
Mauritius 9820 37115
Peru *9793 *88179
policies and programs 37090 37126 55018
public relations 63252
services 9837 13776 18695 27270 27288 37124 46107 55633 58501 63258 66619 71239 71243 80028 80030 80033 88181 88182 88191 95605 95617
Southern Rhodesia 37112
Spain *10608
Sweden *55036
Texas 55038 88053
Union of South Africa 80036
U S S R *9826
Venezuela *46087
Baphia nitida *2406
Bar Commission *18893 *18894
Barbados Dept of Science and Agriculture 19591 89074
Barbadosnut. See Jatropha curcas
Barbara *78165
Barbara colfaxiana 75365
Barbarea vulgaris 91044
Barbasco *16167 *43253 *77300 *77301 *77320
Item
Barberia n g 6668
Barberry. See Berberis.
Barbicornis *61256
Barbier-Morgan method *30786
Barbier n g *77727
Barbula 72444
Barcelona Camara Oficial de Comercio y Navegación *44616
Bari Stazione Agraria Sperimentale *38297
Barichneumon peregrinator *24988
Barichneumon tegelensis *16902
Barium 5903 34307
Bark 32095 *22495
chemistry 22682
fuel 50595 *32031
measurement 14542
removal 3662 14891 14919 14920 22639 59058 67056 75436 *22455 *32120 *50572 *67182 *75412 *75429
chemical 32073 32076 41524 75576 75613 83494 *3732 *75413
equipment 3648 3705 14906 41366 41451 41531 50421 50530 59021 67153 67157 67179 67180 75602 75614 83487 *3564 *31879 *91940
utilization 22696 59091 59130 75667 75676 83562 83563 83656 92068
Bark beetles 93774 *16598
Austria *52434 *52480 *60833
Chile *77778
control 53152 60833 *34282 *60862 *68659 *85620
Germany *14648 *34220 *34282 *77673 *85660
Mexico 77765
nomenclature *60879
Sweden *60864
taxonomy *85687
U S S R *34281 *60862 *60879
See also Scolytidae.
Bark disease *72727
Barker-Summerson test 62077
Barley 49426 79584 81840 81896 *1218 *12661 *72929
abnormalities 64782
analysis and composition 26650 62740 87138 95179 *7798 *8410 *18409 *26736 *26745 *36384 *70721
Germany *8989 *9013 *9039 *9092 *9093 *26693 *26696 *26725 *36441 *70729 *87655
anatomy and physiology 834 843 905 12451 20276 29245 29332 29400 39015 39018 39041 39058 39080 47769 47905 47923 48000 48029 48042 48054 56804 56838 58258 73089 73140 73210 81524 *12300 *12369 *20336 *20413 *29265 *39188 *39189 *47779 *47805 *48071 *56957 *72962 *72963 *73131 *93525
biochemistry 48179 64876 73313 *56994 *64891
breeding 1208 20599 29545 29588 39400 47483 48284 48327 48288 64987 65023 72753 81868 *29635 *38742
Canada 54471
consumption *95163
cost and returns 27741 88546
culture 64957 *29639 *64991
Austria *1272
Colombia *81887
Denmark *48311

*Text of this reference is not in English.

Item

Barley--Cont.
culture--cont.
Europe *57047 *64955
Germany *1185 *1217 *1230 *20540 *29559 *29636 *48278
Russian Zone *73443
Japan *29581 *29628
Netherlands *29634 *57066
Northern Ireland 65019
Norway *48254 *81843
cytology 64616 72970
diseases 11819 20035 20060 28937 38562 47436 47550 47586 47604 56575 64676 72534 81138 *28963 *72663 *89618
California 472
control 11699 81240
Japan *28955 *38723
resistance 12006 47483 56519 64498 65023 72753 81264 81274 *11897 *38742 *81284 *81319
Sweden *72773
enzymes 79617 87534 90027 *62702 *70721
exhibits *36420 *36441 *36444 *54514 *62690
feed 15991 42586 50704 50725 51908 54033 *8410 *24270 *67256
fertilizers 30899 58258 58334 74573 82880 82901 *21747 *62702 *66318 *82845
forage plant 73558 *48408
genetics 11819 29158 38961 81483 *769 *23186 *38466 *47811 *47817
Germany *20606
germination 36386 48298 *7798 *70721
grading and standardization 54451 *26737 *54421 *87635
hardiness 65023 *29341
harvesting 1194 86248
injuries *28827 *39166
irrigation 40851 49890
malting 9106 26733 26759 36386 45525 54447 54448 54480 54498 69859 79561 79631 81840 87543 87674 *8999 *9104 *26668 *26679 *26693 *26744 *26747 *36319 *44674 *70748 *79551 *87591 *87627
conferences and congresses *18363
equipment 26680 *87666
Germany *18399 *29636 *36420 *54430 *54514 *62690
Netherlands *36409 *36445 *36894
Poland 54478
marketing 54423 54446 *36355
Midwestern States 48306
moisture 36386
molds 87549 87550
pests 34335 85910
prices *87684
processing 45547 54472 *9140 *26736 *26737 *26662 *87631
proteins 45524 55927 *62702
purchasing *36445
quality 18381 26659 *18409 *26736 *26737 *26747 *36452
Canada 54498
Germany *26662
Netherlands *36444
Poland 54478
research 26660 *29637 *62747
seeds 27092 95473 *36894 *57049 *89986
situation and outlook *9012

Item

Barley--Cont.
situation and outlook--cont.
Canada 54033 54466 54481 54496 54528 54529 54531
Germany *26677 *54430 *87582 *87583
Gt Brit 36336
soils 81526
statistics 26749 36331 70709 *36452
storage 18381 87549 87550
straw 30766
taxonomy 38466
tests 8980 54425
trade
Canada 55857
U S S R *12653 *57101
utilization 54528 *36329
varieties 29588 36386 39346 45524 73417 73438 78899 78945 81865 81874 81890 87543 90260 *26747 *36384 *36452
Australia 39375
Austria *48297
Canada 29568 48267 48299
Denmark *48263 *64969
Germany *1244 *20592 *39365 *48325
Gt Brit 57046
Japan 90140 *29624
Kentucky 1197 57124
Missouri 73447
Nebraska 1171 90232
Netherlands 65017 *36894
North Dakota 57139 81893
Norway *64999
Spain *73385
Sweden *48285
Texas 39364
U S S R *1257
weed control 49293 57963 82571
yields 14031 39346 47923 58334 82880 *36452 *90242
Barley flour *26737
Barley gum 79550 79605
Barley Improvement Conference 81868
Barlia *28527
Barnett C R 11240 72194
Barns 7299 *35088
cleaning
equipment 7167 25373 34960 44139 53131 86307 *25382 *25389 *34962 *78512
construction 7316 25484 78605 94442 *7302 *17471 *69409 *78605
Denmark *61585
designs and specifications 7279 7291 7312 17455 25493 37250 44246 44251 44268 44271 53273 69387 78587 78602 94424 *25487 *53256 *53260 *61585 *78584 *86385 *86397 *94439
equipment 53284 *35076 *53253 *61585
Finland *25470 *44899
Germany *53253 *53260 *53268 *85432 *86385
heating *42320 *78604
layouts *44274 *86385
lighting *69376
maintenance and repair 86390
Norway *7302 *17471 *25496 *78599
Pennsylvania 44249
remodeling 17457 35056 44244 44256 53245 69386 *78609
sanitation 5956 61604 *7318 *44899 *61598 *78597 *85432

Item

Barns--Cont.
Sweden 53284 *7318 *35070 *78605
temperature *92306
ventilation 7316 17474 35057 35079 86388 *25472 *35061 *35077 *53255 *69383 *69406 *78588
See also Dairy barns; Machine sheds; Milking barns; Sheds ; Stables; Tobacco barns.
Barnyards 7283 25495 53258 53264 69379
costs 61578
paving 61563 61603 78593 86418
sanitation 24818
Barrel staves 22291
Barrels 36244 41501 *3673 *25871 *61945
manufacture 3675 22636 50522 *59045 *92084 *92085
Bartonella 59706 85120
Basal rot
Zantedeschia aethiopica 72813
Basch *24285
Basidiomycetes 41 56173 72518 80884 89181 89212 *260 *419 *675 *11584 *28680 *38725 *39127 *72469 *81084 *81120
Gt Brit *281
Skokholm Island 273 646 89465
Basilewskyum n g 77732
Baskets 37913 *78562
Bassia birchii 30519
Bassia latifolia 12291
Bast fibers 26395 54158 *8583 *18140 *54152 *61455 *62373 *70434
U S S R *35945 *36065 *40743 *79303
Bath and West and Southern Counties Society 96037
Bathycephala n g 52628
Bathypluta n g 52769
Bathysciola pumilio *5882
Batoscelis *43415
Batoxyla *85647
Batrachospermum atrum *38513
Batrifigia n g 68685
Batrinanda n g 68685
Batriscenites n g *77727
Batriscenodes n g *77727
Batristellus *16577 *85647
Batrivitis n g 68685
Bats
and insects 33804 *93349
diseases 15197
parasites 68612
pests 43657 60781 77815
Battambang Station Experimentale *1165
Battelle Memorial Institute 21249
Batteries. See Electric batteries.
Baudement E *28290
Bauernverband Württemberg-Baden *55774 *55775
Bauhinia acuminata 64648
Baumé hydrometer 36144
Bauxite *2664
Baxyris *85647
Bayerische Landesanstalt für Tierzucht Grub *3839 *41652 *41715 *53005 *53268 *59148
Bayerische Landesgewerbeanstalt Nürnberg Versuchsanstalt für Bierbrauerei *86804
Bazhenovskaĭa Mashinno-Traktornaĭa Stantsiĭa *34766
B C G vaccine *23296 *23314 *23398 *32718 *41769 *42117 *76270

Item

Bdella 85562
Bdellonyssus bacoti. See Liponyssus bacoti.
Beach S A 89111
Beamerana n g 85884
Bean Growers' Conference 30402
Bean seed fly. See Hylemya cilicrura.
Bean vine meal 60073
Bean weevil. See Acanthoscelides obtectus.
Beans 79333 90000
analysis and composition 36148 73105 73175 73180 *18230 *26697 *54223 *79359
anatomy and physiology 12141 20425 29242 29283 47891 47950 48016 48114 48121 56945 64715 81540 81729 *12246 *12352 *12370 *20346 *39053 *39059 *39133 *47909 *49161 *89958 *89959 *90016 *90118
bacteria 56585
biochemistry 12526 73229 *20465 *39243 *90161
breeding 11977 74221 *57835 *57874
conferences and congresses
Australia 30402
cookery 80653
costs and returns 55470 71619
culture 13469 *2278 *30412 *39288 *40155 *49180
Brazil *82526
Gt Brit 2290 82530
Netherlands *13448 *57822 *57889
Northern Ireland 65879
Oregon 49235
Spain *13457
U S S R *90917
cytology *47764 *56691
diseases 11985 12034 20075 28981 38710 64322 72623 72795 *89738
Australia 38831
Columbia Basin 38596
control 11699 11968 11977 20112 38777
Delaware 28864
Germany *64536
Guatemala *24401
Maryland 28864
Mexico *11856 *38709
Montana 38791 56579
Netherlands *56525 *64538
North Carolina 28865
Oregon 56597
resistance 395 28930 38753 47581
transmission 12035 47617
Wyoming 47599 89698
enzymes 12526
feed 80696
fertilizers 49629 82884 *49683
for processing 30476 55470 56597 90947 *18230
germination 2160 48100 *20465
grading and standardization 62555
harvesting 40208
equipment 17367 25323 34889 44074 44086 *38028
irrigation 38596
marketing 18267 26522 79409 *62531 *62657
Maryland 30404
nutritive value 80696 *28210 *63932 *79359
packaging 8793
pests 61057 77956 *16616 *61045
control 24930 78290
Gt Brit 52558
Guatemala *24401

*Text of this reference is not in English.

Item

Beans--Cont.
pests--cont.
Mexico *16226 *16540 *16541 *16551 *16552 *16592
Netherlands *60546
Philippines 36129
prices
Cuba *36252
processed 45458 54349 95067 *18322 *62611
propagation
U S S R *49161
proteins *95046
quality 36148 40208 79445 95068
seeds 9629 *2223
pests *60857
treatment 56443 72623 *47554 *89514
vernalization *29201
soils 2557
statistics
Netherlands *62657
trade
Netherlands *38028
varieties 2239 21333 30405 30451 30476 34889 40194 57813 65836 65850 74163 74221 79333 82481 *40159 *54223 *65877 *74148 *79359
weed control 21413 30628 *49258
Bearings for machinery *25387 *44195 *44223 *53141 *53180
Beatapulper 41540
Beauveria 19989 *6899
Beauveria bassiana 33844 *61161 *72525
Beavers 67865 *15645
Beccari O 89250
Bechuanaland Veterinary Dept 22895
Beckman flame spectrophotometer 29485 *8665
Bed bug. See Cimex lectularius.
Bedding 19675 95007
Bedrijfschap voor Vee en Vlees *36597
Bedrijfschap voor Zuivel *79189
Bedrijfslaboratorium voor Grond-en Gewasonderzoek *30714 *30764
Bedspreads 80803
Bed straw. See Galium.
Bee Research Association 80649
Beech. See Fagus.
Beechnut oil *9444
Beef 95246
analysis and composition 9249 54599 54605 87757
and disease *26846 *36551
chemistry 26850 54597
consumer preferences 84484 87759
costs and returns *46478
cuts 26904 62852
dried *9292
fat 36559 79689 *79687 *79697
flavor and odor 9315
France *9228 *45635
frozen 9338 62864 79707
grading and standardization 9317 18550 62855 *18577 *26854 *51302
industry 79680 79683
Ireland 44783
policies and programs 45640
France *44780
prices 19211 26565 62855 95299 *18577 *70868
control 9321 9325 9331 9332 18570 26861
processed 9343 45716 54677 54680 95308 *26891 *62863

Item

Beef--Cont.
products 70876
public relations 23166 26830 32545 36502 36588 79704
quality 9315 26850
regulation and inspection 79727 84274
situation and outlook 9580 26807 62787 67748 70796 87728 *23411 *70838
statistics
Chile *62863
trade
Cuba 80637
transportation 54636 79707 87762
vitamins 11139
Beef cattle 15254 23417 32663 76472 *15551
advertising 76423 79712 95275
Alaska 15545
associations 23162 76010 84109 84462
Australia 4416 32543 67524 67765 84146 92672
bibliographies 51349 87701
breeding 4389 23158 23423 27264 32476 32503 32518 32575 32576 32592 41958 41988 41994 51015 51060 51076 59446 59468 59469 59480 67479 76001 76002 76006 76015 76019 76023 76028 76030—76032 76034 76036 76038 76039 76052 76056 76059 76068 76069 76071 76074 76092 76104 76109 76116 76129 76182 84033 84076 84174 92175 92396 92400 92401 92413 92418 92423 92441 92452 92458 92471 92500 92501 92506 92508 92515 92530 92571 *23079 *84113
Argentina *84156
Arkansas 32494
Brazil *15256
Colombia *59434
Gt Brit 32479 33530 *59532 *84045
Scotland 41944
hybridization 4305 15285 32485 32507 41977 42010 59448 67523
Illinois 92455
inbreeding 4411
Kansas 92493
linebreeding 41957 59461
Mississippi 51033
Southern States 51070
Sweden *32528
U S S R *23143
Washington 76022
Wyoming 92438
California 41956
Canada 23088 23089 32594 32825 36504 58191
carcasses 18550 32876 51059 62852 *26846 *70849
care 4249 4818 4828 23235 23413 32566 32568 42261 59751 67727 76023 76365 76422 76424 76429 76436 76447 76448 76450 76453 76456 76462 76465 76468 76481 76484 76494 76500 92512 92530 92685 *59808 *84113
costs and returns 4468 10398 19181 19186 23250 26864 27747 37578 37599 37601 42033 42047 51090 59573 67761 80344 84220 92393 92523 92537 95842 95857
Alabama 37621
California 27711 95845
Georgia 37617
Gt Brit 27746 71651 71652 88571

Item

Beef cattle--Cont.
costs and returns--cont.
Southern States 4498
Sweden *37597 *80352
credit 27264 27274 37097 59573 63243
directories 23102
driving *32675
equipment 86209 94232
Europe 67498
farms and ranches 23423 36502 42266 63539 67748 67749 76444 79712 92476
Bechuanaland 27627
Canada 45637
Gt Brit 67754 *4786
Scotland 32480 *4786
management 10302 19091 23406 42070 42257 42281 42309 51128 59763 76017 76039 76051 76466 80324 84083 84445 84479 92471 92671 92691 92709 95807
Tanganyika 92695
Texas 15546 84041
Western States 4815
feed relationships 4443 23250 76230 92567
feeding and nutrition 4444 4452 4463 4471 4472 4500 4514 4519 4529 4609 15340 15352 15360 15377 15382 15383 15433 23209 23213 23215 23249 23261 24273 26850 32663 32476 32600 32616 32625 32630 32650 32676 42037 42040 42047 42065 42067 42068 42072 42077 42100 43024 51091 51094 51116 51122 51128 59494 59543 59548 59559 59600 59601 67532 67534 67550 67584 76056 76068 76174 76182 76189 76213 76221 76448 77064 77067 84157 84174 84182 84195 84203 84209 84218 84220 84225 92520 92521 92523 92530 92537 92544 92547 92548 92553 92570 92571 *4486 *59565 *67541 *67579
Arizona 67582
Brazil *59560
Canada 32643
costs 4443
deficiencies 51141 84162
equipment 17276
feedlot 4445 4508 15373 32620 32662 42033 51059 59567 59573 59588 63243 67551 84191 *32645 *92535
Florida 4441 32636
Gt Brit 32628 71652 *59589
Scotland 59562
Kansas 15364 84180
pasture and range 1304 4459 4468 4470 4525 14234 15356 23232 23248 23250 23266 30814 31197 32613 32633 32647 32651 32680 32730 37578 37601 42033 42074 42097 42267 49519 51090 51092 51127 51134 51142 58160 66053 67535 67542 67587 67629 71651 76153 76160 76167 76214 81947 84163 84184 84211 84271 92531 92541 92546 95231
Alabama 10303
Canada 4439 32744
Florida 67560
Georgia 84222
Gt Brit 39494
Montana 4451 4483
Southern States 4498
U S S R *32639 *32641 *32659 *92554
Rhodesia 42070

Item

Beef cattle--Cont.
feeding and nutrition--cont.
seasonal 4468 4491 23221 23235 23237 32626 32666 42069 42082 42095 42104 51060 59568 76462 84174 84184 92541
Southern Rhodesia 32743
Southwestern States 42055
U S S R *23236 *32606 *32637 *32639 *32669 *32675 *51145 *76216 *76218
Western States 15373
Wyoming 32660
Florida 59770 92688
France 84480
French West Africa *76078
grading 59484 79728 84464 *51302
Gt Brit 4327 4768 15511 27422 41943 51051 80295 92375 92405 *4800
Scotland 23082 76067
Hawaii 92399
history 15549 32822 36505 76011 87738 92425 *9242
California 36485
Southern States 76072
Wyoming 36473
identification 84486 92707
industry 4278 4413 23158 26800 26861 32556 32585 32620 32822 32831 36539 37134 41942 41997 59469 76051 76113 76466 76467 84062 87708 87710 95246 95250
Arizona 95231
Australia 9175 9241 18490 18510 23402 45605
California 95226
Canada 4439 9211 36501 42300 45637
Florida 41987 51012
Georgia 76433
Gt Brit 87723
Kentucky 95225
Louisiana 18492
Mexico 92718
Michigan 9237
Mississippi 51033
Montana 87741
Pacific Northwest 59478 67491
Rhodesia 42070
Southeastern States 41993 76099 76496 92516 92675
Southern States 70798 95243
Texas 59479 67494 84041 87699
Western States 84108
Italy *18524
judging 42274 92424 92427 92696
losses 36584
marketing 9285 26834 76423 76465 79714 92413 92671
Australia 18542
Florida 95281
study and teaching 87772
Western States 95284
meat production 15283 23335 32676 32831 42269 42274 49519 51343 67761 *23130 *23131 *23411 *32840 *42031 *42286 *42318 *51297 *76477
Australia 59783 76489 84047
effects of breeding 23168 32507 32608 41989 51015 59484 59535 59545 59554 59578 92509 *4432 *23175 *42029 *51102 *76093 *92502
effects of feeding 23188 26850 32652 67587 76167 *4517 *4520 *4522 *32637
Gt Brit 32829 32862 32883 51319 59807
Scotland 23421
Italy *4392—*4396

*Text of this reference is not in English.

Item

Beef cattle--Cont.
meat production--cont.
Texas 76464 92702
U S S R *32847
Western States 15373
Montana 51337
names 53132
New Zealand 23443
parasites 84265
pedigrees 76108 76122
policies and programs 18487 36476 45640
prices 18572 26864 36630
control 9332 18569 26861
records and testing 4769 27341 41940 76030 76041 76454 84470 92710
regulation and inspection 92707 *32702
research 59777 75999
selection 23168 76504 92514
shows 4349 4828 51026 76088 76465 76497 76500 84150 92424 92681 92698
situation and outlook 9180 9216 9218 9233 18504 23167 32579 32580 36481 36540 36541 36591 41950 45615 45638 45735 54570 54585 62787 67748 70779 79655 79656 79659 79660 87704 87713 87764 95233
Australia 62768
Canada 54587 *79654
Florida 95229
Germany *70838
Maine 18502
Southern States 79652 87714 95229
Western States 59533
slaughtering 9315 87762
Southern States 15268 76005 92431
Southwestern States 59481 67523
Spain *92481
statistics 45735
Sweden *76045 *92446
Tennessee 55425
Texas 84124
trade 80622 96096
transportation 4249 26844 36566 36584 45679 54620
types 4459 32566 32577 32830 42267 42274 51059 51060 59484 76449 79683 84047 84484 *59434
Union of South Africa 32520
watering 42095 51142 50998 *23236
weight and measurement 32830 36566 36584 37601 41988 51090 62852 76214 76269 76449 92401 *23405 *23407 *23422 *59808 *76078
Wisconsin 84449
Wyoming 15521
See also Bulls; Calves and heifers; and under 4-H Clubs; Future Farmers of America.
Beef Producers Union of South Africa *45643
Beehives 6137 24502 24579 34031 93571 *6202 *16431 *24480 *24610 *24637 *34048 *34150 *60681 *77450 *77555 *93577
Austria *52305
color 77424
construction 6112 34081 43287 *6097 *16322 *16392 *34022 *43319 *43329 *60717 *85471
designs and specifications 6289 16401 24492 *24647 *34103 *43283 *43321 *77398 *93554
equipment 16403 34056 *24541 *24603 *24611 *33999 *77419 *77568
for observation 16433 *52245 *77418

Item

Beehives--Cont.
frames 16345 16460 34145 43292 52318 56028 *6104 *6169 *6198 *6235 *6327 *24470 *24569 *24597 *60673 *68541 *77523 *77524 *77568
France *24572
Germany *34101
heating 24499 34123 *6277 *24653 *34093 *60667 *60698 *60744 *77386 *77550 *93635
electric *6263 *24613 *43288 *77509
history *77537
humidity *52223 *52227
insulation *16425 *52329 *60708
Korea *24488
Mexico *24670
painting *60676
sanitation 24623
scale 6172 34157 *52216 *77358
temperature 6132 85494 *16329 *16330 *16444 *24486 *33968 *34102 *52227 *52335 *60717 *77359 *77360 *85481 *93570
types 6210 33987 34068 34137 *6093 *6133 *6222 *6223 *6315 *16342 *16375 *16377 *16382 *16393 *16394 *16437 *24515 *24552 *33983 *33985 *34018 *34112 *34132 *43330 *52230 *60658 *60664 *60677 *68545 *68582 *77355 *77374 *77375 *77377 *77474 *77569 *77579 *85515 *93566 *93630 *93666
U S S.R *34032 *52278 *77461
ventillation 24487 *16411 *34102 *43361 *68565 *77559 *93579
Yugoslavia *93560
Beer
analysis and composition 17726 25770 25787 25822 25883 69771 *7798
bacteria 7729 7756
bottling 25810
chemistry 25787 94694 *53653
clarification *17812 *7769
color
consumer preferences 25874
containers *7768 *7827 *17732 *35460 *69858
hydrogen-ion concentration *17762
keeping quality 7719 25794 *17732 *17755 *35460 *35565
manufacture 94692 *35492 *35499 *44674 *61937 *69846 *78878
microorganisms 25794 94677
nutritive value 28209 38126 55949
properties 7719 *25841
proteins *69846
quality 7689 7696 7756 *7717 *61933
tests 7689 *17755
trade
Gt. Brit. *11007 *55865
Netherlands *46943
Switzerland *88975
transportation *7830
types *61937
vitamins *72137
Bees 34527 *16911 *25002 *43701
habits and behavior *94008
Netherlands *24981
nomenclature 68570
North Dakota 6740 25019 34542 43737
parasites *34181
poisoning 60696 *16439 *52239
pollinators 6732 57262 60696 94012 94013 94022 *93628

Item

Bees--Cont.
research *16915
stings *34517
See also Apiculture; Apis mellifera; names of families and genera, and under Anesthesia.
Beeswax 6203 24527 36458 52270 60674 77482 *6241 *77581
analysis and composition *9167
equipment 6245 60659 *33998 *52218 *52273 *60731
history 18464
marketing 79637 87695
processing 77492 *6216 *52218 *52273 *70770
properties *18474
quality 87695
statistics 36471 45602
therapeutic use 18475
U S S R *24568 *24659
Beet leaf miner. See Pegomya hyoscyami betae.
Beet leafhopper. See Circulifer tenellus.
Beets
analysis and composition 45977
anatomy and physiology 12402 56996 64707 *39071 *45085 *48005
biochemistry 11374
blanching 95138
breeding *65257
canned 8781
cooperatives 45353
culture 1420 39475 57858 *20688 *29750
diseases 20120 38808 38842 *20101 *47674 *64420 *89753
Australia 466
Austria 20107
control *554
Denmark *73266
Germany *47656
resistance 89746
Washington 72855
equipment *94351
feed 1420 12737 15073 15078 16068 32233 33670 39522 43039 51918 59243 60432 65121 *24267 *29711 *29750 *29765 *41752 *45085 *65257 *73590-*73593 *83735
Denmark 39580
Germany *20701 *32236
Gt Brit 1350 3880 5779 39522 43040 85220
Ireland 39475
USSR *90418
fertilizers 66392 91313 *58221
forage plant 48407 *20688 *29774 *48105 *48492 *57344 *65160 *73569 *73648 *82797
Denmark *20652
U S S R *29676 *39507 *57298 *73644 *82055 *90403
harvesting
equipment 94337 *7109 *17342 *17343 *25327 *44098
Belgium *25328
Denmark *61453
Ireland 61458
Netherlands *17344 *17352
USSR *34868
hybrids
U S S R *48005 *73684
labor *71315 *71329
loading equipment *52919
pests *85759 *85879 *93720
planting 2316 53047 *86245 *90443
propagation *48600
proteins *83735
seeds 36891 *20310 *27076 *45934
U S S R *13964 *48492 *73644 *74157

Item

Beets--Cont.
soils *2799
storage *44316 *45085 *95126
thinning 94290 *71329
tops
feed 33573 *22840 *41747 *83795
varieties 12732
Gt Brit 21329
Netherlands *73590 *73591-*73593
U S S R *57805
weed control 30549 91036
See also Sugar beets.
Begglatoa mirabilis *826 *64826
Begonia 30172 47694 48962 65805 74035 82426 90880 *30155 *73945
anatomy and physiology 901 *12190 *29093 *56892
culture 7349 30349 57715 65551 74090 82471 91361 *30270 *30365 *30379
diseases 66670
dormancy 39076
genetics 732
hardiness 21175
hybrids 21031 21143 65510
Mexico 82310 90737
names 90719
Philippines 49082
planting 30351
propagation *30226
soils *21784
varieties 1907 13254 13282 13325 21076 21172 39939 40007 40019 49062 57728 65534 82300 90719 90839 90842 *21152 *65541
Begonia aridicaulis 56282
Begonia cheimantha *30323
Begonia descoleana *82446
Begonia evansiana *1065
Begonia lucerna 30350
Begonia purpusii 90911
Begonia semperflorens 57647
Beilschmiedia oblongifolia *83302
Beilschmiedia tawa 67090
Beilstein test 62950
Beiteforsøksgarden Apelsvoll *48555
Beketov A N *47033 *47060
Belarusskaîa Akademiîa Navuk. Biolegichny Instytut. See Akademiîa Nauk Belorusskoĭ SSR. Biologicheskiĭ Institut.
Belaspidia *52733
Belemnocoris n g 77971
Belgian Congo Mission Anti-Erosive *21971
Belgium Station de Génie Rural de l'Etat *69312
Belgium Station de Phytopathologie *47452
Belgium Station Laitière *53984
Bell jars. See Cloches.
Belladonna. See Atropa belladonna.
Bellier index *45815
Belomicrus *52690
Belonolaimus gracilis 56621 72898
Beltrania 28686
Belts *34953
Beltsville Agr Center. See U S Dept of Agriculture, Agricultural Research Center.
Belutschistania n g *16939
Belvitan K *95102
Bembecidae 43712
Bembecinus *61144
Bembidion 24742 *6470 *6471
Bembidion fumigatum 85604
Bembidion picipes 28669
Bembidion quinquestriatum 85604
Bena *0807

*Text of this reference is not in English.

Item

Benadryl 4901
Benadryl hydrochloride 51403
Benedictines *82788
Benelux Customs Union *10967 *88945
Bengal gram. See Gram chickpea.
Bengtsson S *38241
Benick L *64049 *89126
Benincasa cerifera 89837
Bennett H H 80769
Benson R B 68890
Bentgrass. See Agrostis.
Bentonite 6947 78791 *35564 *36933 *49437 *74425 *74450
in wine manufacture *25839 *25856 *25857
Benzene hexachloride 24623 *5966 *16170 *16301 *16635 *34107 *43261 *52196 *85343
analysis and composition 6039 52184 68497 *16305 *52170 *93527 *93538
ant control *6749
anthelmintic 5792
application *43475
bibliographies *85459
chemistry 16254 16292 *6057 *33945 *52178 *52189 *52194 *68503
cricket control *6879
determination 16272 33940 33950 52188 68523 79802 *87687
effects on bacteria *82730
effects on fungi *11837 *20055 *64417
effects on plants 3494 12298 12448 52191 73160 *802 *815 *20416 *39086 *52169 *56916 *73103 *81678 *89963 *90086 *93525 *93530
effects on soils *21573
field crop pest control 93817
fly control *6574 *24864
forage plant pest control *52137
forest pest control *24374 *33840 *33894 *77221 *77749 *78052
fruit pest control 24769 61110 78187 *6418 *6682 *24810 *77257
grain pest control 34446 85657 *5944 *68709 *77807 *81678 *93790
grasshopper control *17116 *52860
household pest control 17168
insect resistance 60796 85438 *94213
livestock pest control 6568 16492 22929 24183 24185 42971 77629 85366 86074 *22980 *33035 *33592 *43390 *43391 *60753 *86097
manufacture 6028 *6064
mite control *52341 *52363
mosquito control 6625 6626 16764 16767 16776 61006 61009 61023
physiological action 5905 93514 *16602 *33933 *43432 *85440
plant pest control 6774 16252 16643 16658 16879 52788 61060 *16191 *16573 *16654 *34263 *34376 *34475 *52431 *60824 *60894 *60973 *68424
properties 60628 *68494
residues 16307 16787 20257 24449 26540 36228 36240 52177 62918 79802 87777 *16495 *23275 *67598 *68494 *87687 *94579
seed pest control 5963 34225
soil pest control 16520 *52492 *60863
solvents 60626
spider control 16509

Item

Benzene hexachloride--Cont.
sugarcane pest control 93450 93738 93818
synergism 60830
tests *16303 *85359 *93539
tick control 6394 16500 34170 77627 85542 85546 *34195 *60753
toxicity *33927 *43417
beneficial insects *93750
birds *24451
livestock 16273 52179 84364 *6044 *23275
man and animals 33917 *85451
poultry *68073
utilization 24449
vegetable pest control 24881 *5971 *34289 *43475 *43552 *60857 *68667 *68752
wireworm control *34214
See also Lindane.
Benzene hexachloride, gamma isomer 68508
Benzene hexachloride, isomers 5792 85438
Benzenesulfonic acid esters 24691 34172 43183 77620 93706
1,2,4,5-benzenetetracarboxylic acids 32173
Benzidene acetate-copper acetate test 60624
Benzoic acids 29373 39120 53421 56959 73199
Benzopyrene *25136
p-Benzoquinones 20054
Bephrata *6736
Berberia n g *17039
Berberidaceae *56693
Berberis 12516 38456 *28862
and plant disease 11833 20060 47511 47550 *19974 *20049 *28862 *38703 *38704 *64507 *72766
control *19974
Denmark *498 *20049 *64507
Sweden *442 *20020 *38757 *47580 *56530
varieties *30282 *72767
Berberis aemulans 80931
Berberis sikkimensis 56238
Berberis umbellata 56239
Berberis valdiviana 56240
Berberis vulgaris 91029
Berg L S *28321
Bergamo Stazione Sperimentale di Maiscoltura *20544
Bergenia *48969
Bergenia crassifolia *58000
Berkeley Bank for Cooperatives 88178
Berkembaev B *33634
Berkshire Institute of Agriculture 94711
Berlandiera lyrata *28532
Berlandus n g *52895
Bermuda Dept of Agriculture 89075
Bermuda grass. See Cynodon dactylon.
Bernard C 28309
Bernische Molkereischule *78952
Berosus *68633
Berries 39883 65474 *65463
anatomy and physiology *39186
Australia 1615
breeding
U S S R *1656
containers 26557
costs and returns 27704 63560
culture 1791 1819 2285 13121 30083 57616 66461 *39861 *82269

Item

Berries--Cont.
culture--cont.
Florida 90517
Germany *48886
Kansas 13088
Netherlands *30124
Norway *12990 *38570 *39755
Sweden *39895
U S S R *1656 *73752
diseases 56388
control 28745 40910 56421 *313
fertilizers 58242 *13952 *30961 *40689 *49653
for processing 39697 57616 *8637
Germany *73889 *90692
Gt Brit 39902
harvesting 17334
hybrids 39881
marketing *36182
packaging 8788
pests 56421 *313 *43205 *94134
pollination *20998
processing *8833
products *25863
research
U S S R *90556
spraying and dusting 11643 58242 *38570
statistics 45475 54416
Sweden *65327
Tasmania 63560
varieties 1840
weed control 58242
Bersama *11450
Berseem. See Egyptian clover.
Bertero M D 89234
Bertholdia neapolitana *72452
Bertoloni Herbarium *193
Bertrand H *43520
Beryllium 47964
Beta patellaris *56595
Beta rays
effects on insects 43875 94158 94159
therapeutic use 92735
Betaine 5236 *45973
Betapan *60083
Betel pepper 13707 40348 91120
Bethylidae 61134
Bethyloidea *43729
Better Dairying Competition 4461 51312
Betula 22652 31646 75146 *15000 *72402
anatomy and physiology 12474 *12391 *15028
Austria *66868 *72939
diseases 22372 28916
Finland *14338 *32161
Germany *75235 *75246
hybrids *3399
Ohio 72919 72922
pests 16908 68902
U S S R *78129
planting *41235 *50337
U S S R *22353 *31703 *31737
Poland *43179
propagation *75352 *91799
seeds *50337 *66951
Sweden *3399 *75133 *83305 *91861
U S S R *25111 *47297 *58813 *75252
wood *3580 *3657 *32084 *32085 *59066 *59112 *75637 *83305
Betula andrewsii 47233
Betula ermani *58688
Betula lutea 31544 *3318
Betula papyrifera 41127 41641
Betula pendula 31525 *3457 *3671 *31709 *58770 *75154 *91834

Item

Betula pubescens *3457 *3671 *39036 *75154 *81051 *81551
Betula verrucosa. See Betula pendula.
Betulaceae 20159 36690
Beverages 7738 25778 *25780
analysis and composition 69872 70547 *44695 *62488 *62490
equipment 25721 44579
flavorings 69872
Italy *86728 *86827
manufacture *25852 *86717
Sweden *8907
trade
Indonesia *55820
Union of South Africa 8614
See also Alcoholic beverages; Brewing; Distilling; and names of beverages.
Bezenchukskaia Gosudarstvennaia Selektsionnaia Stantsiia *39447
Bezruchko P A 68357
Bezzia 24880 68787 85789
BHC. See Benzene hexachloride.
Biasoletto B *89131
Biblo *24789
Bibionidae 60929 77847 *52508
Bible 46240 63417 63418 71457 80200 89207 95743
Bibliographies 46341 64044
accidents 86119
agriculture 10045 37260 37436 37443 37444 46346 80720 *9997 *10105 *19601 *27443
Arabia 37434
Indochina 10216
Iran 71506
Manchuria 37435
Netherlands 55163
Pakistan 37309
Tropics 80191
U S S R *27561
agronomy 2520
aircraft 92054
alfalfa 8341
algae *56304
alginates *71183
antibiotics 32259
apiculture *16351
avocados 90582
bagasse utilization 54915
beef cattle 51349 87701
benzene hexachloride *85459
botany 47154
Denmark *47161
Finland *47186
U S S R *38361 *56151 *89213
boxes 32062
Brannan Plan 35330
castor oil *9401
cattle breeding *92397
cheese 69974
chinchillas 76608
citrus processing 87516
cooperative organizations 46890 55799
corn 21267
cotton 57168
cottonseed proteins 9495
crates 32062
dairy products 45068
Diatomaceae 221
economic conditions
Virginia 46070
economy
France *37043
efficiency 37225
electric wiring 7402
entomology 24355 24356 43190 93321 *43126
extension work 19320 88827 95965
families 10731 72019

*Text of this reference is not in English.

Item

Bibliographies--Cont.
farms and farming 95809
fermentation 53538
flax *29661
fleas
U S S R *61319
floral anatomy 710
food 80672 *10105
forestry 22090 50140 50229 66969 75197 *74968 *83191
Brazil *22169
Latin America 83281
Poland *31356
Scandinavia *91569
fruit freezing 36296
geography
U S S R 72179
Glycyrrhiza *70625
grain elevators 52993
grapes 53682
gums and resins *83637
Hemiptera *61066
hides and skins processing 70878
home management 56073 80720 89135 95809
horses 92878
human nutrition 38077 63916 80672
ice cream 78983
income 35321
insecticides 93547 *85459
Juglans culture *65483
Juniperus virginiana 31545
Kenaf Hibiscus 39426
land reform 19218 46555
legislation 27580 95768 *80241
lighting 7402
livestock diseases *67328
livestock feeding 75812
log grading 83576
lumbering 31869 *83191
machine-tractor-stations *46395
mangoes 30004
marketing 35273 53463
marriage 10731
microbiology *7449
mosquitoes 43574 68800
motion pictures 11218 14236 55799
mycology 11583
naval stores 50591
Newcastle disease 84849
oils and fats 54689 62891
vegetable 54755
olive oil *36751
olives *13018 *90598
oxidation reduction potential *69545
packing 32062
Paratetranychus pilosus 52361
patents 25620 38186 38189 53538 56001 56004 64002 80743 83630 89099
peanut proteins 9495
penicillin 38187
periodicals 10217
personnel administration 28355
plant analysis *64877
plant breeding 81476
plant diseases 72596
plant geography 28500
potato marketing 87398
poultry 36296 93108
prices 35320 35321
proteins 53572
pulp and paper 3742 54915 67175 83630 *32089
ranges 12835 48554 50140 82085
regional planning *71773
rice 9051 28753
roadside planting 13404
rubber 27055 27068
seed identification 95478

Item

Bibliographies--Cont.
soils 2520 13739 14174 14236 30732 30827 40895
statistics 17708
sulfite liquor 32094 59071 *3724
synthetic fibers *8594
tall oil 92115 *83637 *92116
tobacco 82123
tomato hybrids 90984
town and country planning 10555
trade 55861
tree grading and standardization 83576
trees 28583
tung nuts 62944
tung oil 62944
turkeys 93108
U S Tennessee Valley Authority 27919
vegetable freezing 36296
veterinary medicine *32391 *83902
vitamin B12 32259
vocational agriculture 96023
water conservation 14174 14236 40895
water policy 58422
weeds 2402
wheat 12679
wine 53682
wood chemistry 32179
wood preservation 31985 31986
wood products 31869 32914
wood utilization 67102 83559
Biblomelba n g 93746
Biblomimus 93746
Bicarbonate 12420
Bicyrtes *61144
Bidens 89364
Bidens frondosus *47252
Bidens pilosus radiatus *29230 *29231
Bifora testiculata *38910
Big Bend National Park 47193
Big bluegrass. See Poa ampla.
Big bud
tomatoes *549
Big sagebrush. See Artemisia tridentata.
Bigham J T Hippelates (eye gnat) investigations in the Southeastern States 6518
Bighead. See Malignant edema.
Bighorn National Forest 67002
Bignoniaceae *28533 *64220
Bigseed falseflax
Sweden *1501 *43245
Bigtooth aspen. See Populus grandidentata.
Bihar Agricultural College 42685
Bile 42206 *76275
Bile acids *5402
Billanella n g 68808
Billmneus. See Limnebius (Billmneus).
Biliola 68808 77935
Bilirubin *62814
Bimindyla n g 93700
Binders 69231 78373 *7168 *34892 *86283
Bindweed. See Convolvulus arvensis.
Bingeria africana 22219
Bins 16249 69450
construction 61642 69449
designs and specifications 17502 61640 69458
Binuclearia *28650
Bioassay 5922 7457 39068 47952 52195 52536 68745 *79202
Biochemistry 9648 63964
See also under specific subjects.

Item

Biodynamics. See Soils, management, biological aspects; Soils, plant-animal relations.
Biologia 11353
Biological control. See subhead control, biological under Insects; Weeds.
Biological Society of Washington 19592
Biological warfare 15156 41825 41895 75949
Biologische Bundesanstalt Braunschweig *89480
Biology
history *56167
terminology 63991
U S S R 63987 *28253 *43362 *56143 *89080
Biometry. See Statistics, methods, and subhead statistical methods under specific subjects.
Biopsy 4656 51274 51393 76274
Bios *41818
Biotin 5227 34622 77081 79878 *79014
Birch. See Betula.
Birch leaf miner. See Fenusa pusilla.
Birds 81172
anatomy and physiology 60188 84929 93042
and agriculture 11162 *47030 *63986
and disease 5048 5057 33256 42721 83982 *50829
and forestry 14645 14687 50364 *22374 *31757 *31763
and insects 5930 24431 33796 34563 68389 68973 77879 85336 85341 93430 *6285 *6416 *14641 *68691 *77215 *81175 *85377 *85409
and plants 89190
as pests 68548 *4204 *11671 *19922 *28729 *28746 *28801 *38567 *38610 *47423 *52867 *64398 *72543 *72556 *89513 *89565
control *47420 *47444 *47445 *47449
Germany *38573 *47026 *47391
Israel *64371
Norway *19932
Germany *11658
insect food 24354 *24451
nests 85336
parasites 93726
pests 17157 24342 52342 52500 52903 52904 86095 94207 *69037
plant food 30342
Spain *85409
U S S R *11160
Birdsfoot deervetch 12767 48446 48518 65173 90344 *1419 *12802 *21445 *57265
culture 1432 29791
diseases 11795
varieties 39473 73507
Birdsfoot trefoil. See Birdsfoot deervetch.
Birdsville disease. See Indigofera enneaphylla, toxicity.
1,1-Bis(alkoxyaryl)-2-nitroalkanes 6053
Bis (bis-dimethylamino-phosphorusanhydride. See Schradan.
Bis (p-chlorophenyl) disulfide 33936
Bis (p-chlorophenyl) sulfide 33936
Bis (β-dimethylaminoethyl)-succinate bisethiodide 91747
Bisdimethylamino fluorophosphine oxide 77291
Bishop E L 11228

Item

Bison. See Buffaloes.
Biston *6829
Biston isabellae *52844
Bites. See Snake bites; and subhead bites under Livestock; Mosquitoes.
Bitter pit
apples 12263 47959 *950 *20357
Bitter rot
apples 47484
Bitterlich method *14541
Bitterweed. See Actinea odorata.
Bitumen *31231
Bixa orellana. See Annatotree.
Blaborhinus 16555
Black J M 80758
Black arm, cotton. See Angular leafspot, cotton.
Black chaff
wheat *81318
Black cherry aphid. See Myzus cerasi.
Black disease. See Infectious necrotic hepatitis.
Black end
apples *89583
bananas 38706
pears 334
Black flies. See Simuliidae.
Black locust. See Robinia pseudoacacia.
Black measles
grapes 433 47518
Black medic 24925 *81993
Black mustard 592
Black pit
lemons *11976
Black poplar. See Populus nigra.
Black root
beans 11985
sugar beets 38652 47519
Black rot
apples 399 47484
cabbage 540 12498 72806 *28969
Cruciferae 47609
Matthiola incana 72808
sugarcane *72710
Black scale. See Saissetia oleae.
Black shank
tobacco 11936 19995 20007 20008 56514 56543 56554 56567 56583 64471 64518 72712 72782
Black soils 2653
Black spot
apples 20064
citrus 38697
grapes 28878
pineapples *11762
potatoes 12502
Rosa 396 19963 64432 72760 89683
Black spot, pears. See Scab, pears.
Black walnut. See Juglans nigra.
Blackberries 39881 *57581 *72360
anatomy and physiology 20156
breeding 781 1847
control 21347 74266 74293 *57940 *65991
culture 39880 *13092
diseases *319 *11993 *16508 *24708 *38670
for processing 79533
marketing 36184
spraying and dusting 52661
Blackgreen-wattle acacia. See Acacia decurrens mollis.
Blackhead 5308 5346 33270 33279 33349 42666 60148 76800 76815 76825 93001 *33319 *60139

*Text of this reference is not in English.

Item

Blackhead--Cont.
treatment 23952 33306 42648 42688 42708 76816 84852 84872
Blackleg 59280
cabbage 540
cattle 4693 59632 76358 *51189 *76396 *76410
potatoes *64541
Blackpatch
legumes 20018
Blacus 77999
Bladder #4550 *24295
Blaine D P 72195
Blair process 8842
Blankaartia 16490
Blanus cinereus *43885
Blao Centre d'Experimentation Agronomique *81791
Blaps gibba *6437
Blaps mucronata *16623
Blapstinus *16595
Blast
onions 38717 56427
rice 64402 64462 *56548
Blastocladiella 20278
Blastoderm
poultry 23969 33271 33344
Blastomycosis 42380
Blastophaga *6736
Blastothrix *6736
Blastotrichum corda 38726
Blastus 56218
Blatta orientalis 78230 *43883
Blattariae. See Cockroaches.
Blattella *6874
Blattella germanica 43878 52855 78230 86031 93930 94173 *86029
Blattellina n g *61274
Blattidae. See Cockroaches.
Bleaching. See names of bleaching agents; and under specific subjects.
Blechnum spicant 72442
Bledius 43424
Blennidus *16649
Blepephaeus 93778
Blepharepium *24792
Blepharidopterus angulatus 61040
Blepharostoma trichophyllum brevirete *11525
Blighia sapida 58055 64910
Blight
beans 20112
Castanea 72651
celery 38713
Dahlia 56517
Juglans 47607 47608
Leptospermum 74290
Pinus strobus 72691
potatoes 47549 72656
tomatoes 20039
wheat 11807 64439
See also kinds of blight.
Blindness
horses 23656 92846 *42472 *51475
Blindseed
Lolium 81237
Bliss D E 64022
Blissus 16817
Blissus leucopterus 16856 77951 94003 94050
Blister blight
tea 20012 28905 28926 28949 38692 72696 81229 81248 *64505 *81250 *81254
Blister rust
Pinus 28956 72718 72781 *89636
Pinus monticola 56524 *11745
Pinus strobus 75366 *11745
Blitophaga opaca. See Silpha opaca.

Item

Bloat 59354 83836
cattle 4695 15433 23364 32730 67604 67629 67646 76301 84424 *4724 *23365 *67637 *76328
ruminants 92268
sheep 4695 60367 *4724
Blodgett F M 47057
Blood 32392 50854 *4213 *15202 *41795 *75880
analysis and composition 16256 50883 *4187 *22881 *32361 *59260 *92308
buffaloes 59671
cats 4928 51392 51395 92755
cattle 4600 15495 23361 42208 59711 59721 76409 84399 92550 *23385
analysis and composition 32790 42129 67647 76123 76217 76240 76315 76335 84295 92586 92608 92649 *15436 *23270 *51168 *83950 *84307
chemistry 4571
groups 84348 *59641 *76317
plasma 4729 67669 76334 76370 92659 92660
proteins 84334
tests 15395 51220 84276 *4533 *23344 *32924 *59726 *84429
transfusions 23361 84323
vitamins 84284 92659 92660
volume 67669
chinchillas 92788
circulation 15169
coypus *84579
dogs 4871 15607 32917 59842 84554 84555 *4858
analysis and composition *4926 *4927 *15576
chemistry *84542
circulation 59833
diseases 59834 *51418
groups 59866
pressure 4931 *42351
tests 23508 59861 92755 *32924
dried *26893 *36634
feed *32971 *92779
foxes 51442
geese 23902
goats 85103 *42938 *68235 *85098 *93182
groups 4193 *50845 *92308
guinea fowl 23902
guinea pigs 5123 15709 *84746
hamsters 23711 33108
horses 15693 15695 92864 *76616 *84672
analysis and composition 51478 67897 84717 *67907 *83950
chemistry 84660
groups 59928 *5065 *84662
plasma 33065 42466 *23616
pressure *5044
proteins 42466 *75920
tests 51483 *59923
transfusion *23622
vitamins 84717
human 33938 71868
insects 5885 34558 43120 43450 86045 *61282 *69018 *77163 *77481
analysis and composition 60500
chemistry 34566 34633 68364
plasma *68696
letting *92303
plasma 59318 59608 92287 *4106 *15202 *59291

Item

Blood--Cont.
poultry 5372 15803 15846 23971 68486 76681 76746 76789 76830 92986 *84901
groups 23905
plasma 15795 33251 42640 51657 76755
tests 5289 15842
transfusion *51553
volume 36770
pressure 83835
proteins 76334 *75920
rabbits 15956 33507
ruminants 41885
sheep 24186 42970 93154
analysis and composition 5648 16024 24180 42934
groups 24127 42963 *60351
proteins 93150
substitutes 75947
swine 93270 *77119
analysis and composition *5849 *83950
groups *51995
plasma 51954
tests 5815 60463 68333 *16094
volume 24292 33710
tests 93313 *15209 *22945 *23035 *75925
transfusion 59318 92287 *4106 *22923
turkeys 76786 93004
analysis and composition 23940 33305
tests 23986 60187 76815
volume 33305
utilization *18534 *36563
See also Erythrocytes; Hemoglobin; Leucocytes.
Blood cells. See Erythroctes; Leucocytes.
Blood meal 14308
Blood vessels 15852 59669
Blossom blight
lemons 38657
Blossom blight, peaches. See Brown rot, peaches.
Blossom end rot 11879
apples 11878
peppers *931
tomatoes *931
Blowers 36881
Blowflies
control 6545 16684 93859
Japan 60935
sheep 6545 6568 52510
taxonomy 60935
Blue bag. See Mastitis, sheep.
Blue comb disease. See Avian monocytosis.
Blue grama. See Bouteloua gracilis.
Blue mold, tobacco. See Downy mildew, tobacco.
Blue panicum. See Panicum antidotale.
Blue stain *92016
wood 41422 *92021
Blueberries 13082 13259 47696
anatomy and physiology 48018 56702
Canada 8604 8759 82254
culture 1832 1843 1845 13084 21001 30063 39862 58387
diseases 38776 56504 64533
frozen 95078
pests 6831 68931 77863
propagation 1841
pruning 34845
regulation and inspection *8759
soils 56504
statistics
Maine 45468

Item

Blueberries--Cont.
varieties 39879 73860 *82261
weed control 74323 90999
Blueberry maggot. See Rhagoletis pomonella.
Bluegrass. See Poa.
Bluestem. See Andropogon.
Bluetongue 51848 *4628
Blundell N 11235
Boarmia maculata bastelbergeri *85990
Boars *43019
abnormalities *93266
anatomy and physiology *43076
and heredity 43009 51889 *51891
care *68288
fertility 5746 85176 *24228 *33659
Gt Brit *43012
growth 60471
judging 43008
pedigrees 68285 68286
purchasing 43010
records and testing *93199
selection 85181 *5743 *77048
Sweden *16051 *16052
U S S R *33660
Boas F *56032
Boats 22597 22598 59011 67122 83581 *22457 *22599
Bochartia kuyperi *43370
Bodenverband Vogelsberg *30716
Body louse. See Pediculus humanus corporis.
Boehmer 57410
Boerenbond Belge *19444 *63777 *88902
Boettcheria 43542
Bogor Laboratory for Chemical Research 90152
Bogor Veeartsenijkundig Instituut *92251
Bogs 47713
Bois de Chene A *56127
Bol' K G *47066
Bolboceras *34258
Boldoria *16611
Boletus *72484
Boletus parasiticus *56357
Bollmaniulus 6352
Boloria napaea *86011
Boloria pales *86011
Bolting
onions *29300
Bolsa de Mercadorias de São Paulo *26327
Bombacopsis 3308
Bombay Dept of Animal Husbandry and Veterinary Science 50933 75831
Bombay Milk Scheme 44742
Bombay State Forestry Conference 83210
Bombay Veterinary College 50934
Bombay Veterinary Medical Association 50934
Bombed areas 38881 78013 78166 *89639
Bombidae 16884 *16911 *43742
Canada 6703
habits and behavior *78032
Indiana 16887
parasites *43728
Bombomima 34308
Bombus 16912 61124 94032 *68903
Bombyliospora 56339
Bombyx 94121
Bombyx mori *6899 *43866 *61281 *78246 *86049
anatomy and physiology 17136 17137 78245 86069 86071 *25112 *34684 *43867

*Text of this reference is not in English.

Item

Bombyx mori--Cont.
anatomy and physiology --cont.
*52865 *69018 *78244 *86052 *86054 *86056 *86060
Austria *39882
biochemistry *6888 *89699
cocoons *25115 *78250 *86050 *94181 *94182
cytology 86064 86086 *69022
diseases 34687 34688 34689 78241 78243 78249 86063 86065 86067 86070 *17139 *17140 *25115 *25116 *25117 *25118 *43868 *52868 *52869 *61282 *61286
eggs 94179 *6897 *69025
genetics 69020 86066 *6898 *78239
India 86048
larvae 69020 *78248 *86055 *86062 *94183
poisoning *86061
pupae 34690 *34682 *86052 *86053
rearing and breeding 68999 *61285 *94180
Argentina *25113
Italy *6891 *6896 *69021 *69024
U S S R *6898 *25114
See also Sericulture.
Bonaereus n g 43420
Bonamia *81011
Bond van Plattelandsvrouwen *10904
Bone black 83763 *41842
Bone marrow 15852 18506 84846
Bone meal
analysis and composition 50757 70296
feed 23220 51908 67426 83763
fertilizers 14308 *49415 *91527
Bones *4100
camels 83934
cats 59867 *32393 *59854
cattle 15444 59648 76271 84410 *59615
coypus *32393
diseases *83912
dogs 42383 *76542
fractures 76532 84511 *59854 *76521
pinning 23494 51396 67832 *4910
treatment 15609 42384 51379 83984
foxes *32393
fractures 41791 41906 67364 75821
goats *33605
hamsters 15708
horses *84706
analysis and composition *23620
diseases 84670
fractures 5056 67898 76651 84694 *42461 *76636 *84701
surgery 84696
minks 4960 42408
poultry 23906 23921 76788 76822 76852 *84878
diseases *84899
fractures 42384
processing *62869
rabbits 51767 *32393
surgery 75891
swine 51956 *5822
See also Skeletons.

Item

Boney K 22817
Bonmatin process *71156
Bonn Botanischer Garten *11395
Bonn Institut für Raumforschung 27907
Bonnemaisoniaceae *81558
Bonny Dam 31179
Bonuses 18929 37214 55098 55109 *62159
Bookmobiles 10805
Books 37911 46341
Books for farmers 10045 10555 19364 37780 37903
Booms 91950 *22497 *41310 *41329 *41348 *41360 *58906 *75441 *91947 *91959 *91969
Boophilus annulatus 85542
Boophilus annulatus microplus *8360
Boophilus calcaratus *68615
Boophilus decoloratus 60796
Boraginaceae 29077 38448 90809
Boraria 16480
Borassus 38433
Borax
herbicide 40679 91036
Borboridae 60942
Bordeaux mixture 47502 64484 81217 *459 *28868 *28953 *75719 *81228
substitutes *72757
Bordeaux Station Oenologique *86796
Borden G 7876 80773
Boreman T 77183
Boreus brumalis 6906
Boric acid 67090 83537 85692
Borna disease *5095 *51490
Bornholms Landøkonomiske Forening *37045
Planteavlsudvalget *38962
Borodin I P *29477
Boron
Canada 50024
determination 58108
effects on plants 792 2828 12263 12329 20317 20355 22013 29238 31254 39084 39087 47879 90138 *819 *955 *12350 *20344 *22014 *29359 *39074 *47975 *56904 *64737 *64738 *81734 *82210 *89989 *89991 *90008 *90028 *90073 *90094
fertilizers 40920 66691 *13964 *13996 *31252 *40921 *40925 *50015 *50023
in food *44415
in plants 39044 48174
in soils 39044 90138 91510 *40921 *82704
Peru *2583
Texas 30776
Borrelia anserina *93011
Borrelia latychevi *77596
Bos indicus. See Cattle, breeds, Brahman.
Bosc L A G 60805
Boschniakia rossica *56703
Bosh'ian G M *23630 *23666 *33053 *59968
Boskoop Verenigung "De Proeftuin" *90501
Bostaera 52667
Boston Conference on Distribution 25632
Bostra *16939 *78058
Bostrichips n g *77778
Bostrychidae *34233 *60812 *77800
Bostrychopsis jesuita 5979
Bostwick Irrigation District 91481
Boswellia serrata 59049

Item

Botanic gardens 72313 80911 *56127 *56133
Australia *19747
California 19757 19769 28388 72311
Canada 11388
Cuba 80876
Europe 65610
French West Africa *11407
Germany *64106 *82437
Gt Brit 42
New York 19740
Singapore 80905
Spain *38384
U S S R *28418 *28448 *28457 *30331
Yugoslavia *11361
See also names of botanic gardens.
Botanical Society of the British Isles 8
Botanical Society of Westmoreland County Pennsylvania 80864
Botanicheskiĭ Institut im V L Komarova *20259
Botanicheskii Park Askanii-Nova *31655
Botanists 19642 28288 28299 72321 *11229 *11230 *72277
Botany 11416 11640 19750 38366 47162 47190 72259 72301 89234 *157 *19768 *19775 *19781 *28384 *28435 *28496 *56163 *56169 *64122 *64135 *72299 *72325 *72295 *80855
bibliographies 47154 *38361 *47161 *47186 *56151 *89213
Canada 28386
conferences and congresses 66 *1 *64 *11540 *38390 *89222
Cuba *48 *89218
Denmark *95
economic *64138
equipment 38371 80908
explorations 19779 28536 38206 47188 89237 *28406 *28485 *72280 *72305 *89249
Gt Brit
Scotland 64139
history 19788 56141 56149 72324 *28429 *72323
illustrations 28447 28528 56152 72308 *11239
India 19719
Malaysia 19779 19791
New Caledonia *56214
nomenclature 19 62 19759 28387 28395 28477 38335 39654 47231 80914 80922 *18 *11396 *19732 *28389 *38370 *47180 *56214 *80913
organizations 47154
publications 31
Puerto Rico 47172
research 19741 47199 90052 *19739
Alaska 72317 72329
Bulgaria *19763
California 81533
U S S R *19761 *19787 *38358
statistical methods 73123 80885 *38400
study and teaching 28408 56139 64134 89202
Sweden *19772
systematic 11422 *72350 *89216
U S S R *87
taxonomy 90 699 19869 28480 38401 38411 47205 47206 56645 72345

Item

Botany--Cont.
taxonomy--cont.
*26 *89 *47784 *64149
technique 11387 11409 11414 12314 19745 19754 19782 28399 28450 38379 47351 56153 64115 64124 72284 72290 72304 75501 89202 89229 *38 *78 *19982 *20336 *28404 *29489 *38946 *56680 *73227 *80867 *89240
terminology 51 *11350 *28476
Tropics 47172
Union of South Africa 38380
U S S R *28495
See also Flora; Paleobotany; Plants; Vegetation.
Botflies. See Oestridae.
Bothriochloa 12412
Bothriospilinae n subf *24754
Bothriotelus n g *85647
Bothrobatys *6436
Bothynoderes punctiventris. See Cleonus punctiventris.
Botrychium 38494
Botrychium simplex *186
Botryodiplodia *28671
Botryopleuron 72440
Botryosphaeria ribis 521
Botryostroma *72509
Botrytis 19981
alfalfa 38691
apples 11878
Gladiolus 436 11850
grapes 464
horsebeans *89616
kenaf Hibiscus 89598
lemons 38657 47477
Lilium 454
red clover 38691
sweetclover 38691
Vanda 81225
Botrytis allii 28913
Botrytis cinerea
anatomy and physiology *64843
apples 11952
biochemistry *29483
Caragana arborescens *28923
grapes 11866
Lepidium sativum *81681
raspberries 47520
Saintpaulia 11895
Botrytis elliptica *20047
Botrytis gladiolorum 11804
Botrytis tulipae *47596
Bottled gas. See Liquefied petroleum gas.
Bottles. See subheads bottling; containers under specific subjects.
Botulism 26827 59271 83858 *50878 *59394 *67340
cattle 84391
horses *5029 *84682
man *50878
minks 15635 *4967 *42417 *84581 *92786
poultry 51636 84894
sheep 33606
Boudier *28681
Boufarik Station Experimentale d'Arboriculture *2895 *39770
Bougainvillea 38935 *13337
Bourde P *29975
Bousquet *20739
Bouteloua curtipendula 12287 12826 29683 81771
Bouteloua gracilis 20647 20726 29802
Bouvardia *90881
Böverton Castle Co-operators 80306

*Text of this reference is not in English.

Item

Bovicola bovis 86074
Bovicola ibicis *78264
Bovicola ovis 52901 61307
Bowlesia tenera 81422
Bowmanites 38332
Bowringia *56276
Box cars. See Freight cars.
Box tree. See Buxus.
Boxelder bug. See Leptocoris trivittatus.
Boxes *14883 *14980
bibliographies 32062
Boxwood. See Buxus.
Boxwood psyllid. See Psylla buxi.
Boy Scouts of America 3063 46757
Boyce Thompson Southwestern Arboretum 11393
Boyd O C 96213
Boysenberries 30908 34298
BPG. See Butoxypolypropylene glycol.
Brabejum stellatifolium 2510
Brachiaria *11452
Brachiaria purpurascens 42513
Brachinus *52401
Brachycaudus amygdalinus *68854
Brachycaudus helichrysi 16837
Brachycera *43549
Brachychthonius 52357
Brachycistidinae 78041
Brachycome 72425
Brachyderes 52460
Brachygaster 6709
Brachygeophilus 60759
Brachylaena hutchinsii 3308
Brachylaena rotundata 57666
Brachymenium 56291
Brachymeria *85925
Brachymyrmex 24980 78023
Brachyplatidae n n 68830
Brachypterus 52460
Brachyrhinus 60868
Brachyrhinus ligustici 68675 68677 *68676 *68716
Brachyrhinus ovatus 60827 93761
Brachys 6425
Brachystegia 14898 66088
Brachystegus *52691
Brachytheciaceae *89413
Brachythecium pennellii 38416
Brachythops flavens *16917
Bracken. See Pteridium aquilinum.
Bracon 16888 34546 *68879
anatomy and physiology 24985
cytology 24987 61122
eggs 24995
Bracon gelechiae 16921
Braconidae 16929 85922 *6724
Bradybaenus *43415
Bradycellus 24742
Bradymerus *52454
Brain *50808
cattle 32779 *15477 *51196 *59716 *76267
horses 33051
insects 93904
minks 23547
poultry *51645
sheep 33582
swine *93262
Brakes *69313
Bran *25208 *26739 *54534
Branchia n g 6375
Brandegee T S 80892
Branding. See subhead identification under Livestock, and kinds of livestock.

Item

Brandis Herbarium *80898
Brandy *25879 *25880 *69840 *69868
aging 35504
analysis and composition 69869 *25849 *35555
flavor and odor 53689
France *7694 *7815 *53610 *69759
Germany *44724 *78888
manufacture 53636 53689 *17807 *35487 *35519 *61928 *86696
quality 53636 78886
situation and outlook 17749
statistics
Germany *35573
trade
France *72062
Brannan C F 71429
Brannan Plan 10012 18982
bibliographies 35330
Brasema *6736
Brassavola fimbripetala *82414
Brassica
anatomy and physiology 39211
biochemistry 11374
breeding *89896
culture 90975
diseases 28856
fertilizers 66272
genetics *12228
germination *90044
hardiness *56915
harvesting *1100
hybrids 57897
pests *93995
pollen *12476
seeds 65882
Sweden *49224
See also Cabbage; Cauliflower; etc.
Brassica campestris 74244
Brassica campestris sarson 90108
Brassica cernua *89838
Brassica hirta. See White mustard.
Brassica juncea *40363 *89838
Brassica kaber 74244 91033
Brassica nigra. See Black mustard.
Braula coeca *85489
Brauna gum. See Melanoxylon brauna.
Braxy *42940
Braya 38449
Brazil Conselho Nacional de Pesquisas *11318
Brazil Dept Nacional de Cooperativismo *19429
Brazil Instituto Nacional do Mate *61913
Brazil Ministério da Agricultura *39695 *80525
Brazil Serv de Veterinária do Exército *3991
Brazil nuts 45295
Brazing 17386
Bread *26673 *36440
analysis and composition 86546 *17569
baking 46956
contamination *36419
flavor and odor 26638
fortified 11148 18361 19573 28238 80692 *26702 *89063
Germany *8976 *86559
ingredients 9164 9454 17894 28200 36468 45600 46990 79055 *62680 *70708
Italy *87553
Netherlands *45531 *45539
nutritive value 38123 46990

Item

Bread--Cont.
nutritive value--cont. 55920 89057 *11109 *11130 *38132 *46987 *55934 *63934
proteins *28214
softness 89071
spoilage 26638
vitamins *45566 *63934
Breakfast 38109 46962 46980
Breakfast foods
fortified 55951
Breddiniolella n g 52628
Bremen Botanischer Garten *28385
Bremen Handelskammer *44388
Bremen Test Garden 65515
Bremia lactucae *72632
Brenthidae *43452
Brevicoryne brassicae 52687 77944
Brevicoryne brassicae *16828 *52618
Brevidil E. See Bis (β-dimethylaminoethyl)-succinate bisethiodide.
Brevipalpus 93717 *85578
Brevipalpus (geisenheyneri group) 77594
Brevipalpus lewisi 34185
Brevitibius n g *52345
Brewers' and distillers' byproducts 26750 45492
conferences and congresses 70310
feed 3876 4472 15114 15778 18445 22807 23251 33342 41683 42039 59543 60446 67291 67532 67551 67564 68000 68297 70310 84157 84643 *32639 *33680 *33698 *51930 *75786 *76208 *76218
Brewers' yeast. See Yeasts, brewers'.
Brewing 7696 7816 44672 44689 53688 69859 94693 *7747 *7770 *7774 *7810 *7823 *17765 *17788 *25820 *44680 *69770 *69782 *69790 *69805 *69814 *78907 *78921 *86769
associations 61938
Australia 25774
Austria *7822
Canada 44670 61940
chemistry 25822 *86745
conferences and congresses 7688 25769 78858
directories 25768
exhibits *61995
Germany *7727 *61995
India *44725
materials 7809 25872
pests
control 16193 *93749
research 17758 35463 35529 44665 78920 78931 87543 94691 *7781 *7840 *25862 *72137 *86711 *86804
sanitation *35575
Venezuela 25810
See also Beer; Wort.
Brewing Industries Research Institute 94691
Brewing Industry Research Foundation 17758
Brian M V and Brian A D Observations on the taxonomy of the ants Myrmica rubra Linné and M. laevinodis Nylander 16923
Brick J G 64017
Bricks 17493 25516 *25517 *35121 *35124 *35125 *35126 *44309
Bridarolli Father 85720

Item

Bridges 3653
construction 92038
wood 3651 3654 50502 67117 *3655
Brine 8844 95105 *26221 *87828 *94862
Briota acida *94629
Briquets 22676 *22705
Brisket disease 15429
Bristles 34242 36535 70831
Bristol University
Agricultural and Horticultural Research Station 12901
Fruit and Vegetable Preservation Research Station 05106
British Association for the Advancement of Science 19595
British Bee Keepers Association 93689
British Columbia Dept of Agriculture 80707
British Columbia Research Council 28359
British Columbia University
Botanical Gardens 28386
Faculty of Forestry 31375
British Commonwealth Scientific Official Conference 48075
British Cotton Growing Association 48351
British Cotton Industry Research Institute
Shirley Institute *8536
British Friesian Cattle Society 59447
British Guiana Dept of Agriculture 11153
British Guiana Forest Dept 75047
British Guiana Rice Marketing Board 54431
British Honduras Dept of Agriculture 63961
British Honduras Forest Dept 91595
British Livestock Union *50945
British Society for the Promotion of Vegetable Research 90922
British Sulphate of Ammonia Federation 66703
British West Indies Sugar Research Scheme 71162
British West Indies Sugar Technologists 45976 71116 73673
Broadbeans *57299
anatomy and physiology 39034 73193 *12294 *12390 *20408 *48011 *56932 *64766 *73284 *81664
culture 21301
diseases 28986 *20058
genetics 12204
hybrids 64668
seeds *1380
varieties 57245
Broccoli
anatomy and physiology 20306
blanching 95067
culture 2154 49238 57908 *13473
feed 23870
flavor and odor 8913
for processing 8848 54403
frozen 95067
Gt Brit 49151 95017
history 49213
packaging 62572
processing 8913
varieties 8848 54403
vitamins 8913
weed control 74273

*Text of this reference is not in English.

Item

Brollers. See Poultry.
Bromates *70706
Bromegrass. See Bromus.
Bromelia pinguin *57683
Bromeliaceae 38431 39973 40014 48693 73968 82349 82350 82415 90774 90775 *57679
anatomy and physiology *72977
Belgium 65548
Brazil *28598 *28608 *28609 *43572 *89351
culture 40095 82366 *30333
genetics 89888
hardiness 40080
New Zealand 90904
nomenclature 38484
propagation 48913
soils 66325
Venezuela 40129
Bromfield L *71584
Brominated charcoal 18831
Bromine 69565 *25801 *90141
Bromus 12831 23250 90318
anatomy and physiology 713
culture *73535
diseases 81260
feed 67535 *73535
genetics 29743
hybrids 29134
planting 48455
seeds 29727 57239
varieties *73556
Bromus carinatus 56536
Bromus catharticus 39486 81963 90432 *48398
Bromus inermis 73611 *29677
anatomy and physiology 12287 81609
breeding 29176
diseases 47480
genetics 47827
U S S R *39462 *57222 *57269 *73559 *73615
Bromus mollis *48465
Bromus secalinus *13587 *49255 *64665
Bromus tectorum 39557 82583 91072
Bronchitis
cattle *32713
poultry 5339 15817 51662 84883 92991
control 42686 93012
immunization 15817 23911
virus 42664 84902
See also Lungworms.
Bronchopneumonia
cattle *42167
foxes *84582
horses 92864
minks *84582
sheep *51838
swine *43084
See also Lungworms.
Brontostoma *34494
Brooders 33361 33417 34820 34831 42754 42759 42764 42770 42818 44017 44019 44023 44026 44028 44035 51696 51711 53235 60261 68126 76875 94282 *5405 *33371 *42742 *44027 *61408 *78397 *84944 *84963 *84976
construction 34812
electric 7030 44022 44024 44036 44037 53014 53350 86205 86218
heating 17280 17282 17530 17531 25278 25558 34812 35180 35181 44016 44030 44358 51689 68123 78383 *5496 *86486
humidity *61557

Item

Brooders--Cont.
sanitation *33333
See also Sheep brooders; Swine brooders.
Brookhart S W 38224
Brooklyn Botanic Garden 11359 13172 56130 90535
Brooks F T 64053
Brookston clay 40597
Broomcorn 12628 90238 *1212 *20549
Broomgrass. See Bromus.
Broomrape. See Orobanche.
Brooms *46645
Brotherella lorentziana *64265
Broussonetia papyrifera 22328 41506
Brown B E 56022
Brown H 35529
Brown M 46958
Brown dog tick. See Rhipicephalus sanguineus.
Brown patch
turf 81271
Brown rot
apples 463 28860 56485 72645
apricot 509
citrus 72703 72763
fruit 28830 47564
peaches 391 450 11910 28947 47392 47563 56484 64378 89635 *89614
plums 56485 72645
potatoes *19910
Brown soils 66243 *75319
Brown stain 81227
Brown-tail moth. See Nygmia phaeorrhoea.
Brown wheat mite. See Petrobia latens.
Browning root rot
wheat 48110
Browntopmillet. See Panicum ramosum.
Browse 29691 32613 57294 73604 *1329 *3919 *3928 *12772 *20649 *48409 *48573 *50701 *84168
Brucella 4615 41788 42241 79091 *4119
Brucella abortus 15595 42510 51399 51954 67677 76247 92622 92665 92887 *4172 *22992 *23643 *51200 *84429 *92277 *93151
vaccines 4548 15431 32721 42242 84251 *84240
Brucella melitensis 9349 43069 *22913 *24100 *92277
Brucella suis 5816 42242 59287 84554 84555 *67651
Brucellosis 4145 15136 50847 59686 67414 83869 83960 *15215 *22914 *67394 *83873
cattle 4541 15398 23282 23395 42241 42242 59609 59686 76250 76252 76359 84250 84346 84400 92608 *4539 *32755 *84429
Austria *59713
Brazil *4653 *84270
control 4633 4648 15451 42224 51170 67675 76247 76261 84301 92644 *51195 *76322 *84395
Brazil *15463 *15491
California 67693
Denmark 76397 *4708 *4716 *15405 *15488 *23369 *84394
Finland 84317
Germany *84327
Illinois 67636 67718
legislation 23330
Netherlands *42243

Item

Brucellosis--Cont.
cattle--cont.
control--cont.
Puerto Rico *4685
Wisconsin 4620 4731 23281 42247 84320
Cuba *42254
diagnosis 4633 4647 15395 23276 23379 51237 76313 76408 92622 *4533 *4607 *4713 *15405 *15491 *23274 *23385 *32722 *32799 *42138 *42173 *42195 *51192 *59614 *59636 *67602 *67663 *76281 *76378 *84368 *92577
tests 4615 23338 23371 42186 84352 *4581 *23345 *42254
Gt Brit 84331
immunization 4548 4665 32721 32745 67601 67677 84251 84261 92665 *59726 *84240
Iowa 59649
Italy *51200
Michigan *92590
Morocco *42118
Paraguay *4680
research *76286
transmission 4652 *4607 *94804
to man *92663
treatment 59674
vaccines *51263
Yugoslavia *59682
conferences and congresses 59270
U S S R *22976
control 3967 4062 4093 4123 15161 41903 50859 59283 75887 83897 *4142 *15167 *50879
California 3997
Florida 4007
Iowa 15205 32396 41783
Michigan 23024
Minnesota 41908 75928
South Dakota 67609
U S S R *22880 *22933 *22976 *23032 *83877
diagnosis *4161 *4182 *22945 *41859 *75925 *75951 *83811 *83866 *92355
dogs 4906 15595 84558 *23515
eradication 3967 59283 67397 83886 83887
goats *42952 *85116 *85117 *93151
guinea pigs 42510 92887
horses *23643 *76646
immunization *22966 *23007 *75858
Iowa 4140
man 67414 *4680 *51200 *59347 *83873
Mozambique *67326
Poland *22978
poultry *23954
prevention *92304
rabbits *24100 *85026
research 4002 4088 *4202
sheep *60362
control *85116
diagnosis *33596 *42195 *60352 *60360 *85129 *93158
treatment *51851
swine 5816 16109 24288 43069 *24298 *24314 *33706 *93242
control 43068 43070 43079
diagnosis *33732
transmission 32303 *62149
to man 76272 *4024 *22992 *32398 *75958

Item

Brucellosis--Cont.
treatment *4024 *4149
vaccines 42510 *22913 *75858
Brucellosis Research Conference 4002
Bruchia 28635
Bruchidae 43420 *34241 *77805 *85704
Bruchidius *34273 *68688 *85673
Bruchidius obtectus. See Acanthoscelides obtectus.
Bruchnops *34162
Bruchobius *6736
Bruchocida *6736
Bruchomyia 77841
Bruchophagus gibbus *61125
Bruchus 43486 *52420
Bruchus baudoni 85672
Bruchus brachialis 34234 57346 77697
Bruchus pisorum 43440 60809 93745 *16573 *43479 *60838 *85661
Bruderhof communities 55395 80438
Bruesopria n g 6747
Brumus 43451
Brunellia 11455
Bruner S C *19672
Brunerella n g 85884
Brunettia 43509
Brush 72914
burning 1451 12799 29682
clearing 57188 82552
control 13570 21351 21357 23248 30508 30509 30515 30523 30544 30546 30551 30552–30554 30558 30575 30584 30612 30613 49020 49303 49307 57914 57966 65948 65959 74249 74300 82092 90998 91068 *74255
by aircraft 91037
California 1396 13559
Canada 91091
chemical 2395 2403 2407 13562 13621 13649 21383 22314 30588 40281 49261 49272 49273 57945 57985 74257 74272 74285 82541 82561 91038 *57986 *74278
industrial areas 66030
policies and programs 30562
seasonal 21400
Sweden *74278
Texas 2349 49314
Union of South Africa 91030
U S S R *74687
Brush chippers *78476
Brushes 36535
Brussels sprouts *65919
anatomy and physiology 47798
culture 2286 40233 74197
diseases 81221
fertilizers 40708
marketing 74197
pests 77944
Brya 92151
Bryaceae *12188
Bryan E H 60927
Bryantonaria n g *68687
Bryaxis *77727
Bryobia 68620
Bryobia praetiosa 68616 68853 85594 *16517 *93719
Bryocorinae 6643 16810
Bryopezus n g 34508
Bryophaga acanthella *61146
Bryophaga delicatella *61146
Bryophaga desidella *61146
Bryophyllum *12134

*Text of this reference is not in English.

Item

Bryophyllum calycinum 29426 29427 48113
Bryophyllum daigremontianum 56257 90124 *29336
Bryophyta 64266 *200
Africa *64267
Alaska 89412
Arctic regions 11547
Canada 89412
Nova Scotia 11529
Carpathian Mts *89396
Colorado 47311
culture 192
Denmark *203
England 207
Ethiopia *47310
Europe *199
Florida 89763
France *64257 *89408 *89417
genetics *89910
Gt Brit 209
Hungary *89396
Indiana 11552
Iran *47312
Japan *212 *11549
Michigan 12088
Near East 64269
Netherlands *81056
North Africa *11536
Oregon 28632
Portugal *28637
Spain *72445 *89399
Virginia 11543
Bryopsis 20319
Bryosedwickia densa *64248
Bryoxiphium norvegicum 11534
Bryum 28635 72444
Bryum annotinum *64261
Bubonic plague. See Plague.
Buchenavia *28530
Buchloe dactyloides 48404
Buckley J J C 68796
Bucks 76972 *60306
Buckthorn. See Rhamnus.
Buckwheat
anatomy and physiology *12264 *39028 *47916
biochemistry 29470
breeding *39356 *73428 *73446 *90279
culture *81841
U S S R *1183 *20524 *20541 *21467 *29552 *64993 *90274
milling *36344
seeds *34928 *57044 *64732
U S S R *20563
Buckwheat leaf meal oil 9451 36718
Bud blast
Rhododendron 383
Sinningia 81132
Bud union decline. See Triteza.
Buddleia 64687 *65709 *74053
Budgets 28163 37087 61778 71222 *71226
France *71522 *71523
Gt Brit 88447
India 27260
Italy *27254
Japan *83254
Norway *80323
U S S R *46457
Buellia 11594 56339
Buenos Aires Universidad Facultad de Agronomia y Veterinaria *88807
Buesiella n g 64216
Buffalo tree hopper. See Ceresa bubalus.
Buffaloes 34352
abnormalities 15493
anatomy and physiology 59671
Brazil *15513 *23415

Buffaloes--Cont. Item
breeding 51259
care *15513
diseases 42160 76330 *4630 *4725
estrus 15473
India 4792 59805
parasites 4595 51259 *76251
pests 85575
Philippines 23418
pregnancy 15473
Buffalo's milk 17889
Buffalo's milk cheese 79131
Buffelgrass. See Pennisetum ciliare.
Buffonia *38475
Buffum B C 47034
Bufo *6342
Bufonocarodes n g 34648
Building insurance 63281 *17441
Building materials 14850 25477 25912 28265 35063 35131 61616 69435 94463 *53305 *69377 *92048
Finland *35127
Germany *86404
Netherlands *22600 *22432
Peru *69575
Spain *7358
U S S R *35087 *35120 *35123 *35129 *35130 *44306 *61634 *94464 *94466
Buildings 7263 7264 17443 17656 35035 35048 35053 35055 35343 53228 61553 69370 78573 94414
Austria *7265 *53227 *69056 *78571
Brazil *10498
Canada 7271
construction 7356 17442 41481 61553 61595 69382 *7262 *35043 *59014 *86381
Austria *53237
Belgium *69372
Finland *86378 *86379
Germany *53233
study and teaching 61552
U S S R *35036
Sweden *7276
Switzerland *35051
U S S R *35033 *35034 *35037 *35038 *35040 *35045 *35046 *35052 *35128 *44237 *61556 *94415
cooperatives
Austria *69411
costs 44235
Austria *61550
Norway *35044
Spain *7267 *25480
Sweden *7276 *35047
U S S R *61556
Denmark *44236 *53226
designs and specifications 35031 44231 44234 53230 69403 94416 *6931 *17439 *35044 *35138 *44236 *44238 *69405 *94436
Finland *35042
Germany *7268 *7269
Idaho 35032
exhibits 86142
Germany *7270
finance *17441
France *27841 *86377
Germany *7266 *7274 *7275 *35041 *53229 *69067 *69371 *86380 *94417
Gt Brit 19105 53231 69373 78574 78580 78583
insulation 94412
Italy *94215
maintenance and repair 44235 44240 69375 86382 *17437 *17441 *69374 *78576

Buildings--Cont. Item
Michigan 86425
Netherlands *88652
Norway *78577
policies and programs
U S S R *35039
portable 61554
prefabricated 53232 59006 59007 67116 92056 94410
pressed clay 35118
rammed earth 25515 35119 44310 *7355
remodeling 7277 61555 78579 *53229
Sweden *7272 *78575
Switzerland *7265 *25464
ventilation 17445 35054 94434 *78301
wood 3652 3656 50484 83534 *35045 *41418 *67118
See also names of kinds and parts of buildings.
Bulb mite. See Rhizoglyphus echinopus.
Bulbophyllum 28542
Bulbophyllum erosipetalum 89358
Bulbs 1873 1887 1902 1955 1977 2057 2147 13195 30301 49063 57936 65593 72876 74039 74076 90909
advertising 54972
anatomy and physiology *1000
Canada 13387
certified 48950
culture 13370 30388 47676 49051 57758 90755 *81605
Belgium *65727
Canada 57794
Italy *21045
Netherlands *65666
Sweden *1892
diseases 47405 *72553
forcing 2058 21158 30217 *1954 *2069 *21170 *30252 *30335
grading and standardization 7150
hardiness 13387
marketing 54972
Netherlands 54963 65562 *13227
pests *72553
planting 48899 82365
quarantine and inspection 11621
Southern States 1937
storage 1874 13177 13354 29875 57775 *82418
trade
Denmark *88973
Gt Brit 10968
Netherlands *88973
treatment 384 482
varieties 1876 1963 2042 2075 13218 13335 *1939
weed control 49244 49246 65946
Bulgarska Akademiia na Naukite
Mikrobiolicheski Institut *87464
Bulldozers 7147 69057 *31121 *61467 *75421
Bulls 4313 4323 4383 32575 32576 51064 84102 *32539
abnormalities *4550 *76253
advertising 84100
age 32540 *32563 *51081 *76055 *92430
and heredity 4271 4375 4795 15251 32484 32492 32558 32578 32581 32584

Bulls--Cont. Item
and heredity--cont. 32593 41971 50975 50993 51043 59482 67504 76031 76039 76100 84104 84129 84145 92419 92436 92473 92495 *4339 *4391 *23138 *32508 *32563 *42019 *50992 *51061 *67480 *76012 *76064 *84096 *84130
associations *10234
Austria *76139
care 23084 32513 32514 32527 41938 42316 51054 76032 76035 76036 76052 76116 76145 *4285 *51010 *59495
Chile *18885
Denmark *59512
diseases 15393 15448 23084 23323 32689 51202 59651 67613 84318 84326 *4705 *15442 *23293 *23325 *23326 *32684 *32781 *51266 *59715 *67593 *67657 *67703 *76237 *76238
immunization *51224
prevention *92646
transmission 4652 *75996
feeding and nutrition 15281 23084 32565 41938 42056 42316 76107 76203 76233 84071 *15351 *42034 *42089 *59565 *76076 *84224
fertility 4279 4294 15281 23113 23117 32477 32488 50983 51028 51041 75998 76036 76066 76083 76107 84032 92437 *15258 *15295 *23100 *41673 *50997 *59437 *59455 *76076 *84086 *92402 *92415 *92469
Germany *4307 *32564 *41979 *51081 *84134
Russian Zone *84132
grading 84464
growth 23335
habits and behavior 23161 32514 *84078
injuries 59648 76375
Ireland 23120
Italy *92486
judging *15282
marketing 92505 *92646
Netherlands *32501 *67489
Norway *41985 *67518
prices 76121
records and testing 4303 4424 15296 32499 32558 41946 41981 50994 51076 51102 67506 84085 84129 *59444 *84114
Canada 67468
Denmark 92428 *41973 *84063
Germany *4298
Russian Zone *84072
Gt Brit 4366
Netherlands *67527
Sweden *84039 *84054 *84055
regulation and inspection
Germany *32562 *76120
restraint 32513
selection 4417 4795 15252 32514 59468 67505 84036 84037 84100 92423 *4360 *4399 *67488 *84049 *92411 *92412
shows
Germany *15552 *23308 *59487 *59510 *67531
Italy *15325
Switzerland *15282
Southeastern States 92516
Spain *23172

*Text of this reference is not in English.

Item

Bulls--Cont.
sterility 4260 4336 23154 *92574 *92609 92617
surgery 4336 *32528
Sweden *38043
trade 15323 *4360
types weight and measurement *4386 *76111
Bull's-eye rot. See Canker.
Bumblebees. See Bombidae.
Bumblefoot *76823
Bumetopia 93778
Bumilleria *28650
Búnadarfélag Islands *38155
Bunchy top
banana *56594
tomatoes *572
Bund der Landwirte 28030
Bundesanstalt für Forst- und Holzwirtschaft Abteilung Forstgenetik und Forstpflanzenzüchtung Schmalenbeck *58654
Bundesanstalt für Getreideverarbeitung *36346 *70699 *70700 *87542
Bundesanstalt für Pflanzenschutz in Wien *28727 *38558
Bundesforschungsanstalt für Kleintierzucht *59421 *60287 *76936
Abteilung für Pelztierhaltung *15646 *23548
Bundeslehr- und Versuchsanstalt für Bienenkunde Biologische Station Lunz am See *34110
Bundesmarktverband für Vieh und Fleisch *70842
Bundesversuchsinstitut für Kulturtechnik und Technische Bodenkunde *80823
Bunias orientalis *49270
Bunostomum phlebotomum 4684
Bunsua n g 52622
Bunt. See Smut.
Bupalus piniarius *52810 *94135
Buprestidae *85686
Bahama Islands 77684
British West Indies 16535
Mexico 6425
Spain 6427
Buprestis aurulenta 34245
Buprestobaris n g *60834
Burbank L 56018 89895 *56039
Buritia n g 85884
Burk D *20324
Burls *83299
Burma Chamber of Commerce 72031
Burma Forest Serv 75049
Burned areas *22325 *30844
Burned soils *81175 *91263
Burnett L C 11276
Burnley Egg-Laying Competition 33397
Burrageara 21207
Burri R *96212
Burroweed. See Aplopappus fruticosus.
Bursattee. See Leeches (disease), horses.
Bursera microphylla oil 18614
Bursitis *59662
Burttia n g 17118
Bushy stunt
tomatoes 574
Busseola fusca 93804
Butane 3560
2,3-Butanediol *58140
Bullocksheart custardapple 9464
Butchering. See Slaughtering.

Item

Buthus quinquestriatus 85540
Butomus umbellatus 73009
Butoxypolypropylene glycol 6036

Butt rot
coniferae 11893
Butter *25952 *62221
acidity *35675
adulteration *35675 *79037
advertising 8041 8042 *87030
analysis and composition 8194 25990 44792 62071 69992 70028 79053 *7983 *8011 *25968 *25980 *26003 *35675 *35678 *44796 *44817 *44825 *44829 *53795 *70010 *79037 *84175 *86915 *86921 *94763 *94769
bacteria 7978 8240 26189 62088 69992 *8201 *35678 *70200 *87056
care and handling *62234
chemistry *70255
color 70134 79089 86983 *67548
conferences and congresses 17863
consumer preferences 70032
consumption 9533 17902 44778 44838 *8032
contamination 86989 *93869 *94273
cooperatives 17922
cream for 11107 26202 *8149 *25915 *44962 *45061 *70262 *87060
defects 62088 79089 *17943 *62145 *70056 *70281
enzymes 79032
flavor and odor 8100 26080 26157 76211 79047 79108 *8120 *15366 *44914 *44988 *70255 *70260
fortified *72140
grading and standardization 26114 62155 87010 *70010
Canada 44893 70134 86983
Denmark *26102
Germany *53855 *70137 *86986 *87012 *87014
Norway *35754 *44891 *44895 *44909 *44912
U S S R *26096
history
Australia 7859
industry 25953 86866
Canada 17860 *62042
Denmark *36507
France *7912
U S S R *25940 *25956 *26158 *35653 *53717 *94728
keeping quality 79053 *8137 *8276 *17940 *26079 *26197 *44937 *44971 *62223 *62255 *70011
manufacture 8194 8321 17984 18014 25991 26189 35863 35865 62071 62179 62220 70286 79160 *8272 *17964 *26134 *35803 *35853 *44971 *45043 *53918 *53920 *53932 *53937 *53963 *53983 *62003 *62224 *62237 *70200 *70234 *70255 *70281 *79162 *87060 *87067 *87081 *87089 *87092 *94863
Australia 94855
costs 94839
equipment 62211 87087 *79144 *79156 *87071 *87103 *87107 *87111 *94852 *94884
U S S R *26139 *26175 *26215 *26234 *26250 *44990 *45012 *62217 *94859
Finland *44996

Item

Butter--Cont.
manufacture--cont.
France *8216 *44946
Germany *62107 *62255 *70093 *70262
history 26163
home 53923 *26179 *35760
Iowa 94839
Netherlands 26157 *45044
Norway *53973
Spain *45035
study and teaching 94855
Switzerland *62264
U S S R *26105 *26152 *26154 *26160 *26165 *26182 *26183 *26197 *26220 *44962 *45021 *45060 *94738 *94872 *94877
marketing 17902 26038 35740 35741 53816 53867 86967
Germany *62108 *70056 *79081 *86946
North Central States 79068
Norway *35735 *62116
moisture *26003 *26096 *26250 *86915 *94769
molds 69992 *94770
packing 8155 26114 44938 53894 79114 *26122 *33775 *87030
policies and programs
Germany *62025
U S S R *53922
prices
Australia 35782
control 26125
Germany *53899 *62108 *62167 *70172 *79081
North Central States 79068
support 62155
processing 7978 44792 53867 *53977
properties *53777 *87067
public relations 44849 53819
purchasing 9533
quality 17929 17985 26082 26202 35825 35865 53867 62179 86993 *8138 *15366 *44926 *45061 *70200 *79104
Canada *62141
Germany *26227 *35760 *62137 *70136 *70140
Netherlands *45044
Norway *35735 *53973 *62147
U S S R *25956 *26097 *26100 *26104 *26105 *26111 *94795
refrigeration *17940 *94848
regulation and inspection 26114 *79104
Germany *8150 *44906 *70011 *70133 *70172
Netherlands *26090
Sweden *35755 *94815
U S S R *26111
sanitation 62212 *8201 *62219
situation and outlook 7881 17848 26082 44761 44778 *69920
Austria *53712
Canada 44787
Germany *7941 *44765 *44887 *62115 *70062 *70070 *86832 *86840 *86970 *94735
Gt Brit *35723
Ireland 62029
U S S R *94700
spoilage *17943 *35763
starters 26189 87063 *8221 *35827 *44972 *44988 *53930 *70260
statistics 35868 35872 *62042 *70291

Item

Butter--Cont.
storage 7978 8240 26189 53935 62155 *8276 *62223 *62234 *62271 *87056
cold *26090
Germany *18018 *26227 *70013 *70140 *87098
substitutes 94851
sweet *25915
tests *53783 *86910 *86923
Germany *70011 *70013
Netherlands *45044
Sweden *17895 *35755
trade
Canada *10963 *28133
Denmark *10963 *11016
Netherlands *10984 *28133
transportation 86955
types *70262
utilization 26020 26021 26923
vitamins 11107 89058 *11138 *19577
weight and measurement *26093
Butter oil 53995 54016 79171 94874 *26142
in cattle nutrition 76154
marketing *53839
trade
Germany *53839
utilization 8306
See also Ghee.
Buttercups. See Ranunculus.
Butterfat. See Milk, fat.
Butterflies 43835 *78144 *78163 *78181
Africa 17019 43805
anatomy and physiology 52818 78138 *78063 *85961
Argentina *43793
as pests
Chile *6781
Australia 78083
Bahama Islands 78176
Canada 16985
collecting and preserving 6788 16960 34606 68962 94063 *16975 *17086 *34627
Denmark *16999
ecology *85981
Europe *78104
France 17001 *17067 *17069
Germany 78107 *6805 *17000 *25061
Gt Brit 6793 43801 61186 61204 61235 61244 94146
Wales 78198
habits and behavior 17023 34590 52799 85962 *34634 *68998
identification 61249 94117
India 43756
Ireland 43798
Italy *85995
Japan *17014 *94089
Liberia *16973
migration 16944 61249 17038 *68944 *85961 *94115
Africa 52843
France 17049
Gt Brit 17110 43851 61231
Mexico 94078
Netherlands *25050 *94147
Pennsylvania 34619
Southern Rhodesia 43777
Nepal 16943 43749
Netherlands *17007 *78109
North Africa 68970 78145
Poland *43759
rearing and breeding 43863 85952 *77855
Salsette 43756
Scandinavia 25058
Sweden *34643
Switzerland *78069

*Text of this reference is not in English.

Item

Butterflies--Cont.
taxonomy *16966 *85981
U S S R *25071
Virginia 43769
Buttermilk *86843
bacteria *26108
dried 53800
flavor and odor 17941 35765 70107
keeping quality 70107
manufacture 8329 26218
proteins 70726
quality 53800
starters 17941
utilization 79058 *35707
Butyl alcohol 54019 79921 *69703
Butynorate 42679 84882
Butyric acid 25991 36734 *50743 *76151
Butyrometer *25987 *26014 *35763 *69989 *86910 *86913
Buxus 40140 82333
Buxus sempervirens *57720
Buzzards 33609 59408
Byctiscus betulae *60818
Byctiscus populi *43459
Byrrhidae *77704
Byrrhus *77704
Byssochlamys fulva 29481
Bythinoplectus 34271
Byturus tomentosus 93763

Caballero Segares A *80751 *89271 *89345 *96194
Cabbage *21280
acreage and area 10424
anatomy and physiology 56692 *892 *12511 *29211 *29349 *39115 *56796 *81745
Balearic Islands *74136
biochemistry 79468 *12548 *20467
costs and returns 10424
culture 30401 30424 82528 *1428
Australia 30465
Austria *82502
Germany *21256 *49188
India 74212
Mexico 13473
Mississippi 82483
Netherlands *2188
Spain *2158
U S S R *2214 *13481 *74217 *90982
diseases 540 12498 20014 28969 38818 64563 72806 81221 81633
Florida 72541 89588
Germany *81149
Netherlands *28767 *28814 *81153.
resistance 20098 *412
fertilizers 30998 65917 *827 *21771
forage plant
U S S R *48436 *57196 *90343
Germany *36108
Russian Zone *82500
hybrids 65915
keeping quality *36275 *54385
Mississippi 87350
pests *93877
control 6785 25056 52687 52809 65917 77691 *43491 *43552 *60894 *68443 *93845
Germany *81149
Netherlands *6818 *28767 *85622
Sweden *43491 *60894
U S S R *43552 *85790
prices 10424
processing *36275
propagation 49192 *30440

Item

Cabbage--Cont.
seeds *13481 *57196 *57868 *90931
soils 58198
storage *36293 *54385 *62632
trade
Netherlands *38027
varieties 13452 30398 40174 *21292 *30446
weed control 21374
yields 65917
Cabbage aphid. See Brevicoryne brassicae.
Cabbage seedpod weevil. See Ceutorhynchus assimilis.
Cabelluda *38142
Cabera leptographa *78202 *86012
Cables 25554 *31871 *31885 *34849 *34908 *40770 *41335 *41356 *43974 *44060 *50434 *50440 *50443 *52986 *53044 *58906 *75417 *75422 *86577 *94262
Cacao 9685 *44732
analysis and composition 26480 35488 61926 78882 *7829 *35486 *61985 *86755 *94635
anatomy and physiology 12117 47931 81406 *20299 *20360 *73149
Asia 49377
Belgian Congo 40329
Brazil *35497 *56380 *86734
breeding 49379 *74343
British Solomon Islands 49377
British West Africa *86751
chemistry 25802 *7808
conferences and congresses 2480 44664 *7703 *7742 *86760 *86761
consumption 44657 *44656
contamination 61990
cooperatives 94675
Costa Rica 40321
culture 2435 2480 40320 *2507 *13670 *21427 *21473 *30699 *58028 *82649
Brazil *13676
Cameroun *74361
Far East *66083
Guatemala *30693 *66087
Haiti *58006 *58007
Honduras *13710
Indonesia *58025
Malaya 40376
Mexico *66043
Nigeria 2486
Surinam *13676
Trinidad *13676
diseases 56603 56765 72859 *563 *11911 *81213
Costa Rica *11848
Gold Coast 72822 81332 *20095 *38821
Nigeria 38805 38810
resistance 29015
transmission 34477 34481 43658
West Africa 340
drying *86780 *87558
fermentation 25802 26480 44678 44704 78882 *7767 25837 *61985 *82772 *86780
fertilizers 40665 56765
France *86720 *86802
grading and standardization *86754 *86755
history 7755 *63068
hydrogen-ion concentration *86772
industry *7838 *94653
Malaya 17761
marketing *86734 *86751 *86777

Item

Cacao--Cont.
moisture *86799
New Guinea 40334 40373
pests 6643 43249 43630 85691 *68969 *94188
Africa *52041 *60528
Indonesia *43662
processing 53654 86815 *7802 *7808 *25851 *86799
propagation 13658 74347 *20298 *49349 *82647
quality 44669 44703 *86780
regulation and inspection
Germany *44701 *61948 *61949
research 2413 40367 40379 66092 *86737
shading *58002 *66050
situation and outlook 44657 *7820 *17793 *44656 *78914 *86776
Brazil *7825
*86814
Far East 44730
France *86776
French West Africa 44648
Ivory Coast *78914
Mexico 17715
trade *44656
French colonies *88957
statistics *72024
varieties 91098
Venezuela *74399
See also Chocolate; Cocoa.
Cacao moth. See Ephestia elutella
Cachexia disease
citrus 39027 64553
Cachrypterus n g *24672
Cacia 93778
Cacoecia aeriferana 94136
Cacoecia histrionana 61187
Cacoecia melaleucana 68958
Cacoecia rosana 61237 *52816 *78108
Cacoecia unifasciana *16992
Cacoscelis *77662
Cacostola 52421
Cactaceae 21029 57641 89191 89201 90823 *47223 *65570
Africa 89201
anatomy and physiology 20151 *72952
Andes 90815
Argentina *80950
Bolivia *111 *80949
culture 1899 90729 90759 90875 *30234 *39940 *65513
diseases *72595 *72878
hybrids *30185
Idaho 90804
Mexico 90779 *89285
Peru *80945
soils *30930
Cactophagus spinolae 60875
Cactus 13180 13284 30253 74044 *127
anatomy and physiology 73222
Andes 72341
collecting and preserving 72268
culture 2098 30290 39931 40060 40090 57689 74029 *13237 *13377 *48916 *65590
ecology 89770
feed 67292
France *39942
soils 40060 *13924
taxonomy 11436
varieties 13256 30170 30223 65599 72397
Cadang-cadang disease
coconuts 28991 64328 72865
Caddisflies. See Trichoptera.

Item

CADE. See Concentrated Activated Diesel Emulsion.
Cadenat M J *43414
Cadia *56276
Cadillo 39417 *735 *57165 *89597
Caecocaelus *85697
Caelostomus *52484
Caenarolia *24792
Caenis felsinea *78267
Caenis hoggariensis *78266
Caenis valentinae *78267
Caenocara *43467
Caenocephus aldrichi 78034
Caenoptera minor *16655
Caesalpinia 56688 91109
Caesalpinia gilliesii *2068
Caesalpinia tinctoria *13664 *54948
Caesalpiniaceae 89856 *11451
Caesar L 96197
Caffeine 691 35488 *94635
Caffropyrrhyllis n g 52628
Cages
for insects 5899 *52027
for minks *35066
Caillas A *60669
Caisse de Crédit Agricole Mutuel (Réunion) *18884 *80050
Caja de Crédito Agrario Industrial y Minero (Colombia) *46089
Calacarus 52372
Caladium 13329 *13331
Calamagrostis *56234 *72427
Calamagrostis purpurea 771
Calandra granaria. See Sitophilus granarius.
Calandra oryzae. See Sitophilus oryza.
Calanthe volkensii 90858
Calcareous soils 49426 49725 *40443 *56878 *64918 *66690 *72948 *91195
Calcarisporium 11593
Calceolaria 38471 64201 *82346
Calcibius n g 60758
Calcimeter *21544
Calcium
determination 1051 13788 21519 25872 30759 95047 *25613 *46038 *46039 *79042 *79969 *91518
effects on plants 12297 12345 12351 29214 29379 30789 47966 49793 64839 73210 81675 90060 90101 *2829 *29396 *30770 *39111 *90313
effects on soils *30770
in animal nutrition 50722 96150 *3885 *15128 *22875 *22876 *83782
in animal physiology 4960 51956 84315 *15441 *22985 *68235 *84264
in blood 42129 76217 84660
in bread 86546
in casein *17990
in cattle nutrition 4479 76159 *4446 *32615 *59574 *59615 *76200
in cheese 7994 *44818
in fibers *94959
in human nutrition 19540 28184 28197 55897 80688 96138 96150 *11084 *55895
in milk 62086 78999
in mink nutrition 42408 *42411
in plants 1051 49491 73176

*Text of this reference is not in English.

Item

Calcium--Cont.
in poultry nutrition 15789 23801 23816 51572 76751 *5247
in poultry physiology 51614
in sheep nutrition 5666 68252
in soils 1974 2564 2575 13762 30788 40469 40476 40534 58095 58106 58112 82701 82708 *2576 *13767 *21533 *30771 *40480 *40481 *40482 *49602 *49710 *58110 *74460
in wine 53623 53629
radioactive 5387 29379 30789 42704 58095 58106 73176 74449 74643 76797 84315
Calcium ammonium nitrate *83147
Calcium arsenate *406 *35561 *68443
Calcium carbide *81686
Calcium carbonate 12343 32272 58120 *38661 *84644 *93789
Calcium chloride *1532 *20303 *49274 *76389
Calcium cyanamide 65088
fertilizers 3129 *31242 *40298 *40750 *66273 *66324 *82688 *91229
herbicides 13584 21367 21370 21384 30495 74254 91019 91074 *40298
insecticides *85635
Calcium gluconate 4872 51384
Calcium hydroxide *9540
Calcium hypochlorite *11900
Calcium lactate *69680
Calcium metaphosphate 22003
Calcium nitrate 53764 *30771 *49620 *49781 *74642
Calcium oxide *44280 *56878
Calcium pantothenate 16058
Calcium phosphate *40438
Calcium phytate *86778
Calcium salts 8868
Calcium silicate *40948
Calcium sulfate 94827
Calculi. See Urinary calculi
Calcutta Baled Jute Shippers Association 18071
Calcutta Jute Dealers Association 26333
Calcutta Tea Traders Association 44659 53619
Calendars 1556 *31363 *55968
Calendra 43480
Calendridae 85658
Calhahumus *82855
Calico disease
potatoes 64576
Calicurgini *6717
California Agricultural Experiment Station 47113
Subtropical Horticulture Div 29986
California Almond Growers Exchange 26503
California Avocado Society 90579
California Bur of Livestock Identification 75979
California Canning Peach Association 26506 36177 45331
California Dept of Agriculture 72153
California Fertilizer Association 3135
California Fruit Growers Exchange 54254 62512 87416 *70578

Item

California Grocers Association 17548
California Hay Grain & Feed Dealers Association 70703
California Institute of Technology 81533
Earhart Plant Research Laboratory *11386
California Lima Bean Growers Association 26505
California Mosquito Control Association 34398
California peppertree oil *9466
California Prune and Apricot Growers Association 8902 26531
California red scale. See Aonidiella aurantii.
California State Fair 70778
California State Grange 28053
California State Polytechnic College 39664
California Thoroughbred Breeders Association 23568 42426
California University 34401
Citrus Experiment Station 16218
College of Agriculture publications 55338
Horticultural School Davis 90506
California Walnut Growers Association 79424 87389 95056
Calipers *58759
Caliroa annulipes humuli *34507
Caliroa cerasi 61062 *94014
Calliandra *40374
Callicarpa 47260
Callichromini *52458
Callicolaspis *52404
Callicostella 56291
Callimome druparum *43722 *94018
Calliphora 24870
Calliphora erythrocephala 93904 *60983
Calliphora uralensis *60983
Calliphoridae *6556 *24868 *85315
Calliphorinae 85567
Calliphorini 34340
Callipia 43847
Calliptamus italicus *25094
Calliptamus okbaensis *69008
Callirhytis 78053
Callistemon rigidus *693
Callistoderus *52401
Callithamnion rybosum *56976
Callitriche 121
Callitriche vernalis 89871
Callitris robusta 22707
Callitroga americana 6540 16677 43556 60909 77886 93830 *85787
Callosobruchus chinensis *93789
Callosobruchus maculatus *85627
Callotillus 60886
Calluna 13390 21180 39991 60868 *12081 *30691 *50736 *74390
Calluna vulgaris 6170 60343 91132
Callyntrotus 52388
Calocheiridius n g 93696
Calochromus *43452
Calocomus *52489
Calocoris fulvomaculatus *16875
Calomel. See Mercurous chloride.

Item

Calonectria 72474
Caloneis *11553
Caloneis silicula *81059
Calophanoides 38421
Calopterini 68652
Calopteryx *43904
Calories. See under Human nutrition.
Calorimeters 7474 28213 *6736
Calosoter 38437
Calospatha 72728
Calosphaeria *86092
Calotermes flavicollis 256
Calothyrium pinastri *696
Caltha *31009
Calurea 32823
Calves and heifers 62802 67746 *76043
abnormalities 4429 4531 4589 15476 42178 76277 76298 76356 84404 92634 *51196 *76415 *84310
anatomy and physiology 15404 15434 15438 15494 42152 42198 42230 51211 59720 59721 67656 *32738 *32924 *59639 *84422 *92656
care 4744 4756 4767 4826 15378 15500 15506 15511 15539 23413 23416 23438 51106 51319 51321 51336 59802 67728 67776 76432 76475 84210 84448 92679 92681 92682 *4794 *23449 *42259 *42295 *42303 *59780 *84469
Belgium *67735
California 4790
Czechoslovakia *15527
Germany *42320
Switzerland *42015
U S S R *4776 *4785 *32868 *32872 *59773 *59791 *76426
Yugoslavia *51328
costs and returns 10410 10422 19186 19188 27702 80344
California 55447
Gt Brit 37586
Hawaii 80339
Norway *46476
diseases 4542 4549 4665 4671 15435 15440 15467 23311 23376 32721 32742 32745 42110 42112 42120 42123 42209 42253 51154 51213 51243 59632 59737 67596 67715 76271 84322 84337 84373 84421 92614 *4558 *4612 *4659 *4666 *4696 *4701 *15406 *15413 *15470 *32711 *42167 *59616 *67649 *76331 *76396 *84297 *84411 *92581 *92605
Australia 15403
Germany *32811
India 23328
Indochina *93156
Morocco *23332
resistance 32742
treatment 4670 92596 *67684
U S S R *67624
feeding and nutrition 4435 4438 4447 4449 4463 4480 4485 4492 4518 4523 15359 15361 15362 15372 15378 15387 15434 15500 23185 23187 23205 23211 23214 23215 23220 23233 23234 23244 23245 23257 23267 23269 24263 32601 32602 32618 32640 32677 32682 42041 42043 42046 42049 42051 42064 42065 42072 42079 42086

Item

Calves and heifers--Cont.
feeding and nutrition--cont.
42093 42162 51084 51103 51104 51106 51108 51119 51122 51129 51144 51336 59552 59558 59563 59575 59579 59638 59802 67537 67567 67568 76154 76159 76172 76173 76176 76190 76193 76201 76205 76224 76229 76232 76236 76240 76315 76353 84179 84210 92514 92543 92564 92566 92660 92679 *4453 *4516 *4794 *5749 *23196 *42031 *42073 *42094 *51093 *51113 *51140 *51149 *59585 *59586 *59598 *67543 *67575 *67586 *76184 *76226 *76321 *84169 *84201 *84215 *84228 *84236 *92534
Belgium *67735
deficiencies 59564 67714 84337 *15363 *67649
feedlot 32662
Germany *4530 *23263 *51118
Italy *51123
Netherlands *23199
Norway *67577
Ohio 42057 42058
pasture and range 4437 10286 15348 32633 67565 76203 84188 84208 *59586 *59791
seasonal 59568 *4503
Sweden *15351 *76186 *92638
U S S R *23189 *23202 *23247 *32644 *32667 *32674 *32679 *59569
growth 15434 23211 32677 51131 59563 59757 67614 67664 76176 76205 76225 76232 76339 76400 *32716 *51270 *84089 *84098
habits and behavior 59757
housing 7301 17455 23211 35064 69391 *25492 *53256
Indiana 59751
injuries 84410
Ireland 23435
Italy *4396
Jamaica 84468
judging 42283
marketing 9207 54633
Michigan 9237
mortality 15440 76161 *67661
parasites 4610 84340 84381 *4567 *4604 *23333 *32703 *59731 *84266 *84335
prices 36630 *71648
statistics 87817
viability *59804 *84330
watering *15389
weaning 23238 67664 *15374 *32649 *84201
weight and measurement 51174 62855 76185 76201 76232 76405 *15327 *84088
Wisconsin 9207
Calycophyllum multiflorum *38480
Calydon *24727
Calymmaderus incisus 34222
Calyptomyrmex 61143
Camaldosis n g *85647
Camaldus *85647
Camarosporium 72464 *28671
Cambridge Co-operative Dairy Co 35252
Camelina sativa. See Bigseed false flax.

*Text of this reference is not in English.

Item

Camellia 30373 48988 49087 90843
anatomy and physiology 29319 39110 58561
breeding 21037 65774
culture 2120 13273 21055 21154 65524 65550 65578 65710 *1985 *13309
diseases 336 38588 47603 72842
fertilizers 21649 30956 66343
Gt Brit 1968
hardiness 2005
history 49035
hybrids 13430 21102
injuries 28744
irrigation 2936
pests 336 5930 60868
propagation 21097 39961 49026 49101
Southern States 40111
varieties 21021 21036 21192 39936 39937 40008 40103 48981 49039 49106 65689 90735 90838
Camellia japonica 65552 73981 74619 *21218
Camellia reticulata 21080
Camels
anatomy and physiology *22760 *22894
care 41914
genetics *22769
North Africa *75967
Union of South Africa *32464
U S S R *22760 *67242 *67389 *67454
weight and measurement *84704
Camera di Commercio Industria e Agricoltura di Milano *35346
Cameron's putrefactive anaerobe 3679 53422
Camomile. See Anthemis.
Camp Manufacturing Co 91596
CAMP test 32690 51239
Campanula 449 2094 13285 30204 *47275 *64179 *82391
Campanula rapunculoides *49284
Campanula reiseri 81037
Campanulaceae *47275
Campbell J 11252
Campbell T M 46744
Camphor 13718 *23821 *50575
Camphor oil 60626
Campodea 34696 *17147
Campodeoidea. See Entotrophi.
Camponotus 16900 *6749
Camponotus bruesi 16890
Camponotus formosensis 85895
Camponotus herculeanus 52741 *77623
Camponotus ulcerosus 16890
Campostichomma 77631
Camps 64058 88754
See also under 4-H Clubs; Future Farmers of America; Labor.
Camptomites *85647
Campylomma 61095 *43698
Campylopus 72444
Campylosteira *24923
Camus F *64257
Canace 60995
Canaceidae 60992 60995
Canaceoides 60992
Canada Agricultural Prices Support Board 7572
Canada Board of Grain Commissioners 95160
Grain Research Laboratory 62671 73396
Canada Bur of Statistics 86682
Canada Defence Research Board 7416

Item

Canada Dept of Agriculture 11154
Science Serv 56099
Div of Forest Biology 31408
Veterinary Director General 22911
Canada Dept of Insurance 55052
Canada Dept of Resources and Development
Forest Products Laboratories Div 74973
Forestry Br 31443 71533
Northern Admin and Lands Br 71533
Canada Dept of Trade and Commerce 28119
Canada Dominion Entomological Laboratory 24348 93412
Canada Experimental Farms Serv 55357
Central Experimental Farm 60197
Dominion Experimental Substation 96238
Canada Farm Loan Board 18874
Canada Forestry Act 83274
Canada garlic. See Allium canadense.
Canada National Weed Committee Eastern Sect 91005
Canada Royal Agricultural Commission 61740
Canada thistle. See Cirsium arvense.
Canada Wheat Board 45497 87622
Canadian Agricultural Economics Society 37041
Canadian Beekeepers Council 24491
Canadian Committee on Food Preservation 86670
Canadian Co-operative Wool Growers 79298
Canadian Federation of Agriculture 63812 71388
Canadian Gladiolus Society 48927
Canadian Institute of Forestry 14526 14535 31328 83194
Canadian Phytopathological Society 56372
Canadian Pulp and Paper Association 41515
Woodlands Sect 59055
Canadian Seed Growers' Association 48204 48206
Canadian Shorthorn Association 59449
Canadian Society of Animal Production 75970
Canadian Textile Seminar 70369
Canadian Veterinary Medical Association 41789
Canaigre 13704
Canariocoris n g *68831
Canarium *31509
Cancer 64537 67359 *963 *34120 *34121 *72805
cattle *76386
horses 42457 *51497
man 34120 34121 *27934 *37789
Candelabrum spinulosum 19866
Candida albicans 64792
Candida sorbosa 81099
Candy. See Confectionery.
Caneorhinus n g *43457
Cangoderces n g 6366
Cangoderces lewisi 6366
Canine distemper 4882 15583 92316 *4896 *15606 *15608 *32912 *32923 *51397 *84501
diagnosis *32916 *67835
ferrets *32915

Item

Canine destemper--Cont.
foxes 4969
fur-bearing animals *76597
immunization 4887 23486 32935 84520 *4916 *23504 *32916 *42366
minks 23547 51438 *15636
prevention 42372
research 51373 *32915
treatment 4894 42365 67824 *15579 *51414 *59846 *84529
vaccines 51413 59847
virus 4919 51413
Canine epilepsy. See Canine hysteria.
Canine hysteria *42361
Canine infectious hepatitis 4859 32925 32932 59831 76529 76557 *15585 *51367 *59836
diagnosis 59835 *4924 *42346
ferrets *42359
virus 4915 15593 32925 *42359 *51388
Canistrum *28597
Canker
apples 47531 56522 72693 *28853
cattle 4577
horses 84694 *23635
peaches *89614
pears 47531 56522
plums 38775
Populus 64539
potatoes. See Wart, potatoes.
quinces 38775
tomatoes 38785 *72815
Canker stain disease 64521
Canna indica 64888
Cannabis *58008
Cannabis sativa. See Hemp.
Cannan Co-operative Agricultural and Dairy Society 35713
Canned Foods Association of Ontario 35365
Cannibalism. See subhead vices under Poultry; Rabbits, and kinds of poultry.
Canning and preserving 7614 7641 25733 35286 35369 35381 53526 53531 53532 53577 61848 61875 69716
Arkansas 53555
California 53535
Canada 61859
conferences and congresses 35365 35393 44567 44594 44595
costs 53577
directories 78833
equipment 25742 35405
France 69685
history 61838 69678 78816
home 35370 38249 53557 53579 86645 86647
industry 7642 25734 35400 44578 53530 69698
pests 52123
Iowa 17679
Morocco *53546
Nebraska 17679
research 35401 69697
sanitation 86660 86673 94592 94593
statistics 86641
Union of South Africa 53550
waste 17675 36168
utilization 31012 36168 40834 40835 83017
Western States 7645 17687
See also Jellies and jams; Preservation of food; under 4-H clubs; and subheads canned; canning; for preservation under names of products.

Item

Cans 7565 17637 *7555
Cantacader *24923
Cantaloups
analysis and composition 36151
breeding 73139
diseases 11937 56378 64331 72674
dried 67582
feed
fertilizers 40630 58325 74648
harvesting 49172
irrigation 2948
pests 16699 52093
planting 30462
pollination 52262
situation and outlook 45293
varieties 65848
yields 2948
Canteens 91874
Canterbury Agricultural College 10635
Cantharidae 34238 77745 *60891
Cantharis 34256
Cantharoidea *60891 *77804
Canthium mundtianum 58725
Canthon *34260
Caoba. See Swietenia.
Cape Town Botanical Garden 56149
Capener A L 68830
Capers 18182
Capillaria 84925
Capillaria contorta 84925
Capillary tube test 42186 51237
Capillicephalus lithobii *85598
Capillipedium 19843
Capital *9790 *27255 *27256 *27257 *46386 *88170
Asia 9782
Belgium *88171
Bolivia *27252
Far East 9782
Italy *27530 *55543
South Carolina 9774
Sweden *9786 *80056
Siam 27287
U S S R *10348 *46083 *71544 *88499
Capitalism *19085 *37299 *63208
Capitonius 16929
Capitophorus fragaefolii 77941 93951
Capnodis 24769 *90650
Capnodis tenebrionis *24741 *24763 *43427 *43462 *77686 *85614 *85690 *93741 *93800 *93809
Caporiacco L di Comte *89106
Capparis nectaria *89323
Capper A 28310
Capperia 52743
Caprifoliaceae *28538 *89811
Capron mission 10434
Capsaicin *62493
Capsicum frutescens. See Peppers.
Capsidae. See Miridae.
Capsus 6659
Capua reticulana 25035 *78110 *85939
Carabaos. See Buffaloes.
Carabidae 68680 *85648
Africa *6410 *24719 *43414 *43415 *77660
anatomy and physiology *43469
Belgian Congo *52400
Czechoslovakia *43434 *43454
France *43458
Gt Brit 77696
habits and behavior *16625
Madagascar *43415
Pacific Northwest 24742

*Text of this reference is not in English.

Item

Carabidae--Cont.
Poland *43434
Spain *77750
Carabus *6479 *52407
Carabus auratus *16614 *60840 *77687
Carabus fabricii *16587
Carabus purpurascens *52422
Caradrina 78209
Caragana arborescens 80952 *31741 *58797 *58832
anatomy and physiology *3447
culture *1930
diseases *28923 *64496
pests *85695
seeds *31727
Caragana frutex *49310
Caraipa *116
Carapa grandiflora *83302
Carausius morosus *60867
Caraway *44685
Carayon J *43693
Carayonia n g *43693
Carbachol. See Choline, chloride carbamate.
Carbamates 56427 *20000
Carbides *39062
Carbohydrates 9656 79942
chemistry *69703
determination 79826
effects on plants 56926 90110
effects on poultry 51585
fermentation 20341 81487
in animal nutrition 67275 67560 *51849
in animal physiology 24173 68256 *75960
in cacao *61985
in feed *62311
in fibers *8507
in forage plants 62317
in grain 9040 79550 *45503 *56994
in human nutrition 19532
in insect nutrition *94197
in insect physiology *86052
in plants 1039 1069 12351 12406 12469 29034 29250 47891 48186 73136 73180 81668 90167 *3788 *32225 *48072 *90163
in poultry nutrition 51592
in poultry physiology 5403 84861
in soils 49425
in wood 14936 22727 32157 32178 41632
See also Starches; Sugar.
Carbolineum 5297 *93983
Carbomethylcellulose *80012
Carbon 44689
activated 46015
determination 61717
in plant nutrition 919
in plants 39134 81647 *50632 *50643
in soils 82691 *13790
radioactive 20288 29426 48025 48042 51222 64710 67640 81721 90134 *1071 *12406 *90163 *90164
therapeutic use *23041
Carbon black 46010 *54827 *63071
Carbon dioxide 20277 72922 *89962
determination 20273 *21544 *58101
effects on insects 77867 *6522 *24852 *60872 *60932
effects on plants 828 64799 73133 81535 89935 *39045 *48099 *81670
fertilizers *2715
fixation 20400 20411
in insect physiology 93419
in plants 47948 47960 48042 56886 *1071 *12299 *12407 *20324

Item

Carbon dioxide--Cont.
in potatoes 39022
in soils *58111 *82732
in tanning 79751
radioactive tagging 48121 67603 81647 *89959 *90016
See also Dry ice.
Carbon disulfide 34232 *3114 *70923 *87868 *87909
Carbon monoxide 29292 51606
Carbon oxide *12299
Carbon tetrachloride 34232 *51827 *92360
Carbonates 51221 67640 78992 *12370 *21544
Carbonic acid *43533 *70320 *75767 *75769 *82851
esters *35537 *35548
ether *35537
Carbonic acid gas *36256
Carbonic anhydrase 48183 64887 73346
Carboxyl 76350 76999 *29224
Carboxylase 81548 *90160
α-Carboxylase 62742
Carboxymethylcellulose 32171
Carburetors *35021
Carcasses 18565 26832 70835 92239 *75991
disposal 15224 75971 *41935 *67361 *75934
See also under names of animals.
Carcinogens 33358
Carcinoma 76987 *67919
See also Cancer.
Cardamine pratensis 638
Cardiastethus *43697
Cardiocondyla 61143
Cardiospermum halicacabum *45930
Cardoon. See Cynara cardunculus.
Cardulovica *89329
Carduus *47275
Carduus nutans *77751
Carex 64197 *165 *90937
anatomy and physiology 29310
Asia 89276
Canada 28561
diseases 81117
hybrids 64196
Malaysia 64195
Michigan 11475
Carex acutiformis 72388
Carex aquatilis 11433
Carex bicolor 626
Carex brizoides *28547 *40592
Carex diversistylis 81019
Carex filifolia 39448 82073
Carex gracilis *89450
Carex helodes *109
Carex lasiocarpa *553 64594
Carex mendocinensis 11476
Carex ormostachya *38474
Carex pachystachya *12099
Carex pauciflora 38412
Cargasdama n g *6691
Caribbean Commission 37397
Cariblatta *61274
Cariceae. See Kobresiaceae.
Caricide 4904
Carilla seed oil 70905
Carissa grandiflora 714
Carlina acaulis *77173
Carlsbad Irrigation Project 46129
Carnation. See Dianthus.
Carnauba wax 9450 9463 9473
Carnitine 24739 68372
Carnivorous plants *54 *127 *29105 *64830 *72275 *80901
Carnus hemapterus 77820
Carob 40325 *93875

Item

Carob--Cont.
analysis and composition 45306
anatomy and physiology 81398 *29317
cooperatives 26528
culture *40358
feed *3898 *84826 *85086
pests 11727
utilization 45306
Carotene 17685
chemistry 36689
determination 61724 66264 69563 70305 *35236 *45817 *94523
in alfalfa 22847
in animal nutrition 22825 22837 83746 *50727
in animal physiology 4054
in blood 4729
in butter 89058
in cattle nutrition 4564 4585 15346 23197 51120 76223 84149 *67548
in cattle physiology 16012 23283 23285 59563 59720 59721 76229 92660
in celery 11149
in eggs *76738
in feed 3926 50753 51099 *59188 *75746 *92229
in forage plants 3962 *20469 *59188 *67315 *73289
in goat nutrition 4564
in goat physiology 23285 24154
in horse nutrition *59921
in human nutrition *11086
in milk 76266 *23212 *23227 *28235 *89052
in oil meal *54704
in palm oil *23227 *26933
in plants 812 20213 20446 20448 36268 47932 64886 64893 73322 73324 73325 73335 81676 81759 90188 *12192 *73326 *73231 *73241 *90120
in poultry nutrition 5217 42604 *23873 *76738
in poultry physiology *51584
in sheep physiology 5683 16012
in swine nutrition 60478 68309
in vegetables 45454 70666 87513
See also Vitamin A.
β-Carotene 4603 60349 67283 *54232 *56993
Carotenoids
in blood 59608
in milk 28215
in plants 20213 56968 *12533 *39233
in vegetables 29169
Carotid artery 15206
Carozo *40361
Carpathophilus linnei *6479
Carpenters 32035
Carpentry. See Wordworking.
Carpet beetle. See Anthrenus scrophulariae.
Carpinus 3296 50313
Carpinus betulus 14461
Carpocapsa *17020 *68921
Carpocapsa pomonella 52779 61165 *6822 *16234 *25076 *52775 *56535 *78067 *78117 *78203 *94069
anatomy and physiology *6750 *16988
control 34632 43748 61221 78158 86009 94088 *6750 *17088 *25074 *78065 *78179 *85959
California 43821 68981
Germany *25075 *43785 *52817

Item

Carpocapsa pomonella--Cont.
control--cont.
Italy *85958
diseases 43848
insecticide resistance 94103
Netherlands. *6777
New Zealand 61193
rearing and breeding 52771
Yugoslavia *17034
Carpodetus serratus 38889
Carpophilus dimidiatus 68670
Carposinidae 52770
Carre's disease. See Canine distemper.
Carrhenes *43795
Carrick C W 84818
Carrot oil
feed 85075
Carrot rust fly. See Psila rosae.
Carrots
analysis and composition *54232
anatomy and physiology 56780 56837 *815 *29117 *29216 *29345 *64733
blanching 95138
culture 30401 30423 30432 49141 49155 49158 *13495 *30426 *65093 *94306
diseases 422 56510 81168 *28833 *56431
enzymes *3660
feed 3896 *43035 *65093
fertilizers *21771
for processing 49158
forage plant *57344 *81996
frozen 54332
grading and standardization 54332
Gt Brit 21240
Italy *57893
marketing 36187 36217
packing 8800 26558 70612 87454
pests 6504 16504 *43491 *60894
seeds 49155 90937
U S S R *13964 *47975
situation and outlook 8619
storage
diseases 79489
U S S R *56431
weed control 91008
wild *5013
yields 21985 62660
Carsten R *72190
Cartagena Jardín Botánico *89245
Cartels *86585
Carthamus. See Safflower.
Cartography. See Maps; and subhead maps under specific subjects.
Cartons. See subheads fiber and fiberboard; paper and paperboard under Containers.
Carts 7193 17425 *34991
Caruel *85319
Carulaspis visci. See Diaspis visci.
Carum 138
Carum carvi *48006
Carvone 62958
Carya 15020
wood 14787 14831 14832 14983 32196 83675
Carya aquatica 75677
Carya illinoensis 1868 48896 48898
acreage and area 94627
culture 48891 48895 *1863 *48893
diseases 47429
fertilizers 2828 21644 49752 58228
injuries 28731

*Text of this reference is not in English.

Nerve illnesses Cont
pain
spraying and dusting
nerve pellets
nerve tissue
nervous
nervous s
nitrocellulose
oxygenate
oxygenic
oxygenic membranes
nuclear tests
Nuclear Explosives
Nurses
analysis and comparison
Nutrition
Nuts
Nylon
Oak
Oats
Obituaries
Observatories
Ocean
Oceanography
Oceanography and Meteorology
Oceanography and Meteorology
Oceanography and Meteorology

Item

Cattle--Cont.
breeding--cont.
Chile *84068
Cirenaica *60319
Colombia 59440 *42006 *51034 *84058
cooperatives 23162 76121 92478
costs 55477
Denmark *15311 *51057 *59523
directories 59438
effects of feeding 4479 32565 67556 *59542
Finland *4322 *4342
Florida 76070
France *15270 *41962
French West Africa 84116 *76110
Germany *4307 *4333 *4334 *4387 *4426 *4427 *15309 *23093 *23095 *23118 *23126 *23182 *32542 *32564 *32567 *32583 *42003 *50976 *50992 *51001 *51017 *51077 *51080 *59466 *59487 *67461 *67471 *67513 *67531 *70841 *76018 *76118 *76119 *84092 *84103 *92472
Russian Zone *84073 *84075
Gt. Brit. 15301 76062
Scotland 76435
Wales 4376
hybridization 4281 4299 4335 15287 15292 23104 32581 51021 51042 51048 59505 76070 76203 76405 84145 92479 *4304 *15288 *32524 *32572 *76110
U.S.S.R. *23151 *32560
inbreeding 42317 *59477
India 23075 23156 51031 59505 76140
Italy *4269 *4296 *4359 *4402 *15267 *23083 *23099 *23109 *32588 *50970 *59463 *59497 *67515 *92409 *92462
Japan *4324
legal aspects *76018 *84126
linebreeding *4298
Morocco *15264
Netherlands *4345 *4357 *4421 *15330 *32506 *32587 *41975 *76114
Norway *4259 *32483 *67462 *67518
Puerto Rico *4261 *4304
Ruanda-Urundi *51004
Sicily *4388
Sweden *4362 *10234 *15288 *32510 *32524 *42022 *59441 *59476 *67476 *76064 *76082 *84039 *84096 *92394
Switzerland *42015 *76094
Texas 4299 15306 23162
Union of South Africa 84040
U.S.S.R. 23157 *32512 *32589 *51332
West Virginia 23123
Yugoslavia *84155
breeds 15271 15301 23147 23149 59481 59537 62146 67465 76058 76103 76323 76435 84334 *4286 *4350 *4369 *4370 *4388 *4396 *4397 *4407 *4418 *15334 *23079 *32205 *32525 *42006 *50976 *51004 *59459 *59532 *67528 *76101 *76147 *84048 *84059 *84113 *84414 *92406 *92486
Aberdeen-Angus 4255 4305 15254 23082 23132 23162 32480 32486 32535 32548 32559 32591 41944 41987 41997 51012 51027 54623 59438 89478 59479

Item

Cattle--Cont.
breeds--cont.
Aberdeen-Angus--cont.
59531 67474 67491 67494 67500 67501 76001 76067 76088 76098 76099 76423 84041 84083 84108 84109 84150 *76045 *84156 *92446
Afrikaner 15285 42017 59445 *4268 *59498
Alatau *4331 *4371 *23174 *59462 *59504
Angeln *15335
Aosta *32515 *42026 *84127
Red Pied *32504
Apulian *84035
Armorican *51020
Ayrshire 4257 4258 4447 23141 23177 23180 32521 32530 42308 50991 51053 54613 59528 59552 59758 67487 67537 76025 76143 84053 92395 *4342 *23070 *23081 *32490
Bestuzhev *76091
Black Pied Danish *15317
Black Pied Lowland *4345 *4421 *15286 *15290 *15330 *32506 *32583 *51077 *51079 *51080 *67495 *67531 *69980 *84091
Brahman 15268 23102 23122 32492 32517 32522 32798 41965 41977 42010 42225 51037 51074 59627 67520 76041 76072 76090 76126 76144 76323 84025 84042 84056 84125 92420 92509 *4301 *4432 *11001 *15256 *15264 *23129 *23133 *23134 *23155 *32549 *32750 *41980 *42005 *42029 *50969 *59560 *59692 *67496 *67579 *76110 *76678 *84107 *84414 *92499 *92504
Brangus 32485
Breton Black Pied *51020
British White 59541
Brown Alpine *4355 *15325 *23083 *59518 *92464
Brown Mountain *4363 *4377 *4382 *4422 *51016 *67512 *76127 *76148 *92384
Brown Swiss 32798 51040 51049 53788 67530 79041 92499 *4308 *15259 *15291 *15333 *42011 *42225 *59455 *84095 *84154
Polled 51009
Buša *59457
Canadian 32496 *23110
Charbray 67523 92445 92494
Charollais 59473 84131 *23130 *23131
Chiana *4392 *59514 *92409
Criollo *51034
Dairy Shorthorn 15255 15553 23085 50979
Dutch Friesian *4267 *4311 *50968 *59436
East Friesian *23151 *76455
Eastern Red Pied *42012
Finnish Ayrshire *4322
Friesian *4269 *4351 *23127 *32550 *50972 *59518 *76137 *92462
Friesland 15290
Galician *4385 *4386 *59524
Galloway 32829 41956 54611 76124 84146
Garfagnana *67515
Gatač *92443
German Brown Allgäu *59485
Gorbatov Red *23151 *76060
Grey Mountain *41972

Item

Cattle--Cont.
breeds--cont.
Guernsey 15339 15508 19111 23142 23159 23163 32487 32500 41955 41969 42001 42020 44752 44759 50987 51099 51296 53826 59439 59507 59530 59540 67510 67522 75994 76223 76491 79085 84137 84336 92387 92419
Polled 51009
Hereford 4305 4349 4389 4411 4413 4449 15254 15285 18502 23166 23440 27422 32479 32505 32518 32545 32556 32566 32568 32585 41943 41954 42010 50998 51013 51055 51059 51060 51063 54629 59448 59483 59492 75999 76005 76010 76011 76017 76022 76039 76051 76073 76100 76122 76182 76393 84111 92375 92398 92399 92405 92418 92459 92514 *4275 *4309 *59498 *67464 *76093 *92446 *92481
Polled 4277 4278 4327 23092 32533 32546 32551 32596 41940 41950 76113 76232
Highland 54626
Highland (Germany) *4330 *4420 *19329 *23095 *51148 *84060
Holando-Argentino *76042 *76377
Holstein-Friesian 4262 4272 4316 4366 4384 15253 15307 15438 23097 32798 36628 41953 41970 41999 42000 42002 42051 42127 42232 42233 42283 50975 51052 51084 51099 51322 51334 54621 59447 59472 59508 59529 59672 59720 59721 76020 76143 84123 92499 *4293 *4395 *4456 *15327 *23124 *23169 *23444 *32853 *59493 *59496 *67466 *76027 *76106 *84098 *84110 *92444
Istoben *41986
Jersey 4265 4430 4431 15257 15269 15314 15318 15321 15476 15512 19111 23091 23145 23146 23170 32481 32798 32869 42028 42208 42233 42319 50974 51003 59758 67469 76020 76130 76177 79161 84028 84029 84030 84110 92388 92389 92392 92490 92499 *4291 *4292 *4362 *15326 *23073 *23096 *23444 *32853 *76003 *76097 *92410
Kangayam 23135
Kholmogor *4274 *32569 *32674 59521 *84051
Kurgan *41961
Latvian Red *23439
Limousin *4276
Longhorn 23459
Lowland (Germany) *4320 *4344 *4426 *84091 *84475
Marche *4393 *15263 *41951 *41952
Maremma *4352 *4394 *4402 *4590 *23109 *59443 *92408
Meuse-Rhine-Yssel *4267 *23140 *59436 *84088
Milking Shorthorn 23086 23432 41974 41984 50978 59519 *23111
Modica *32544
Montafon *4358

Item

Cattle--Cont.
breeds--cont.
Murcian *84121
Normandy *4578 *76000 *84068
Norwegian Red and White *4259
Ongole 59501 76140
Overo Colorado *50996 *84070
Piedmont *32586
Pinzgau *4266 *32561 *51045 *67461
Polled Sinú *67467
Red Danish 92435
Red Pied Lowland *4387 *15332 *67495 *84075
Red Poll 4354 59494 67492 76057 92470 92485 *32524
Red Sindhi 4299 42208 *84043
Red West Flemish *15328
Romagna *4300 *4353 *4373 *4395 *42016 *50989 *67473
Salers *59450
Santa Gertrudis 42009 92474 *23148 *50966 *84058
Shorthorn 4389 4416 15254 23103 23167 32497 32503 32520 32529 32536 32543 32579—32581 32594 41942 41957 41977 41994 42018 51026 51064 51065 51084 51092 54628 58160 59446 59448 59451 59533 67479 67498 67524 76143 84047 84062 84135 84141 84145 84151 92390 92393 92413 92424 92425 92427 92431 92434 92438 92441 92442 92458 92484 92493 92495 92498 92501 92503 92512 92515 *4315 *23153 *84045
Polled 23167 41993 42024 67524 92454 92476 92500
Simmental 32582 *50981 *59474 *59497 *84084 *84090
Sinhala 92463
South Devon 15283 23112 59534
Spotted Mountain *4363 *15303 *15309 *15312 *15313 *23126 *23171 *23460 *32542 *50985 *84067 *92456 *92475
Sussex 59509 76117 84124
Swedish Friesian *42022 *84061
Swedish Polled *32524 *51062
Swedish Red and White *59441
Swiss Brown *4358 *41966 *67477
Tagil *23247 *32846 *67594
Tharparkar 4199
Ukrainian Grey *4290 *32512 *50981
Ukrainian Red *41998 *76013
Welsh Black *4284
Whiteheaded Kazakh *23098 *36606 *59462
Yellow Franconian *23107
Canada 67872
carcasses 54651 84274 *4397 *54651 *70851
care 4572 4626 25478 42310 51326 67628 84010 92670 92716 *4761 *4764 *32866 *51293 *51342 *59760 *76418 *84432 *84442 *84461
Austria *59798
California *67726
Germany *51284
Gt Brit
Scotland 76435

*Text of this reference is not in English.

Item

Cattle--Cont.
care--cont.
Iceland *15464
India 4779
Italy *42273
Japan *76505
Missouri 76493
Netherlands *15524 *76469
Norway *92711
seasonal 15538 *51320 *59750
Sweden *84463
Tropics 84481
U S S R *23321
Chile *67495
Colombia *84447
color 4316 23472 23473
32882 41953 42002 42018
51352 59472 59483 59541
76046 92442 92696 *4324
*59486 *84093
cooperatives *51290
costs and returns 20653
95300
Germany *27742
Gt. Brit. 10417 37604
Scotland 19169 37587
37593 46484
Netherlands *4267
Southern Rhodesia 55488
Texas 19185
credit
Argentina *23450
culling 4262
cytology 42156 76292 *15453
*42255 *59697
dehorning 4562 23299 23380
32699 32729 42176 42188
51256 51280 59746 76265
*4619 *22979 *23352 *32795
*32828 *84078 *84254
tipping 16289 84248 *6339
*69154
diseases 4543 4604 4609
4678 13823 15455 15482
32726 42199 44921 59645
59687 59695 84427 *23437
*35831 *92588 *92642
Belgian Congo *4546
Belgium *42124
Canada 42252 51157
control 4643 4657 59657
*4566 *4733 *32775
Florida 92651
Germany *32734 *42142
*51187
Illinois 26858
Netherlands 32803
Ohio 23403
Spain *42139 *42211
Costa Rica *76259
diagnosis *23322 *42255
*51227
French West Africa *59692
Georgia 23279
Germany *67902
Gt Brit 51105
immunization *4689 *67621
India 58693 76330
Israel *4628
mountain areas *4733
Panama 23378
prevention 23272 32765
*4578 *4641 *4717 *15445
*23377 *42171 *76200
resistance 51183
Sweden *59724 *76367
Texas 42184
transmission 51185
*42223
to man *32734
treatment 23336 32751
76365 *4697 *51197
Union of South Africa 42206
draft 92715 *4350 *4822
*5108 *15702 *42272 *46504
*67480 *86215 *92714
Austria *4780

Item

Cattle--Cont.
draft--cont.
Brazil *53039
Germany *6988
Philippines 23456
Spain *23680
driving 36568 95287 *26829
*32815
enclosures 86419
equipment 86207 92716
*53234 *86212
estrus 4367 15430 23320
42180 51190 67526 67692
67717 92613 *15260 *32686
*32749 *32773 *32776 *59742
*75730 *76380
farms and ranches 73625
Argentina 4766 *84471
Germany *37526
management 27654 32832
42036 59768 71571 92673
*51284
Brazil *10263
Canada 27601
Germany *63526
Southern States 27648
Tropics 4784 10299
Union of South Africa 59772
U S S R *4274 *23452
*51332
feed relationships 4796
32631 46478 70780 *46478
*71648 *71660 *76187 *92569
feeding and nutrition 3948
4457 4499 4501 4506
4511 4513 4720 8391
15345 15350 15358 15367
15384 15385 23217 23219
23231 27702 32603 32605
32627 32638 32658 42066
42092 45100 45743 54685
59605 59768 67546 67552
76081 76161 76164 76168
76217 76241 76311 76312
84213 84232 84234 84295
85734 92557 95319 *4434
*4455 *4476 *4521 *4764
*5649 *23201 *23206 *23239
*23255 *23365 *32619 *32621
*32634 *32866 *42042 *42076
*42090 *42096 *42103 *51101
*51133 *51135 *51150 *51152
*59550 *59561 *59587 *65197
*67539 *67545 *67569 *67585
*76048 *76187 *76222 *76234
*76311 *84172 *84178 *84226
*84228 *84231 *84461 *92519
*92522 *92525 *92532 *92559
*92569
Austria *76148
deficiencies 32610 60344
*59574
equipment 34822 *53006
Germany *23264 *32681
*39471 *42102 *59606 *84198
Russian Zone *84361 *92573
Gt Brit
Scotland 19169
Illinois 67589
India 15380 42032 59576
Italy *59443
Morocco *59566
Netherlands *51143 *84160
Norway *4481 *15342
pasture and range 13821
20666 29794 29804 29813
39579 42045 42060 48460
51812 59557 67558 76183
76198 82822 83344 84185
90322 95300 *15341 *15371
*42075 *51153 *76148 *90305
Germany *67549 *67562
*67563 *67591 *84164 *92552
Japan *3921
Louisiana 3530
Netherlands *12833
Southern States 84186

Item

Cattle--Cont.
feeding and nutrition--cont.
pasture and range--cont.
Sweden *15376
U S S R *32815 *42038
*51100 *67547
seasonal 32611 32612
51125 67544 *15349 *15353
*15355 *67580
Austria *59553 *67538
Germany *4488
Sweden *4477 *4504
*42052 *51085
statistical methods *4464
Sweden 51107 *15353 *15355
Switzerland *4455 *59603
Texas 59592
U S S R *23241 *32604
*32661 *51126 *51188 *67533
*67554 *76208 *84168
Yugoslavia *92536
fertility 4279 4280 4281
4479 15273 15297 23114
41959 51044 51066 51243
59522 67503 67516 67556
76071 76102 76223 84115
92385 *4346 *4400 *4514
*15260 *15289 *15336 *23080
*30821 *51177 *59474 *67545
*76016 *76148 *84088 *84136
*84143 *84172 *92414 *92519
Finland 51053
folklore *95241
France *48497 *76425
French West Africa *32753
genetics 15250 15265 15272
15310 23067 23128 32516
41996 42018 51003 51013
51031 59483 59484 67502
76040 76044 76046 76063
76073 76400 84053 84057
84111 84404 92442 92460
92461 92500 *4298 *23309
*32712 *41990 *51018 *51019
*59475 *67508 *76047 *76048
*76253 *84044 *84087 *84093
*84152 *84310
bibliographies *92397
Germany *4377 *4382 *4791
*15332 *23409 *23460 *41979
*42280 *59793 *67514
Gt Brit 23440 51050 76103
76143
growth 4796 23067 23313
23335 32725 42121 50998
59468 84234 *4301 *24861
*32586 *51188 *76111 *84088
habits and behavior 42086
59792 76084 *84433
herdbooks 3840 *15300
*15322 *23139 *50970 *67511
*67514
Aberdeen-Angus 23088
75995
Dairy Shorthorn 51050
Dutch-Friesian *23105
*76037
Galloway 41964
Guernsey 23152 59456
84027
Hereford 4318 23089
Highland 67872
Holstein-Friesian 4321
32526 67485 76054
Jersey 4390 15261
Lincoln Red Shorthorn 59490
Marche *41951
Milking Shorthorn 50967
Red Danish *59512
Red Poll 15303
Shorthorn 15315 51051
67517 92434
Swedish Red-and-White
*84054
history
Argentina *67759
Belgian Congo *84059

Item

Cattle--Cont.
history--cont.
Brazil 95287
Canada 84455
Gt Brit 36589
Great Plains 51339
Louisiana 41965
Maine 4754
Netherlands *67758
Texas 23459
hornless 50999 51014
housing 7294 25478 44272
53245 69410 78595 94437
*7284 *25481 *35068 *78600
*86386
designs and specifications
*53257 *78592
France *53239
Germany *53234 *78604
Netherlands *35058
Sweden *78605
U S S R *53257
hybrids 15287 32492 32517
42208 67481 *4379 *15327
*59498
U S S R *4325 *50981
illustrations *92406
identification 4771 41941
51047 59769 67732 84436
92680 92683 *23172 *67737
India 4797 41991 76474
industry
Alabama 10024
Argentina *54574
California 36493
Canada 36501
Denmark 62801
Italy *62776 *79681
Maine 54563
Mexico 36548
Netherlands 9174
Puerto Rico *9173
Southern Rhodesia 36515
Southern States 76501
Switzerland *45611
Texas 54573
U S S R *79663
injuries 23343 *32707 *59621
foreign objects 42135 42153
51230 84302 84304 *15422
*15456 *15475 *15489 *32794
*59676 *59743 *67622 *67639
*76242 *76348 *92639
Ireland 59801 84125
Israel *4309
Italy 32582 *4355 *18524
*41945 *76101 *84035
judging 4265 4749 42310
*4820 *15530 *59785 *92684
labor 18928 25478 43971
46190 *9955 *18957 *55119
lactation 4282 4709 4775
15423 15479 23217 23394
23431 42035 42193 51190
51219 51221 51246 59728
67603 67672 76150 76273
76327 76346 84325 84355
*4535 *4594 *4674 *4687
*4721 *4778 *5444 *15457
*15464 *23461 *32740 *32784
*32802 *32843 *42141 *51159
*51276 *59412 *59620 *59680
*59739 *59756 *67594 *69980
*76255 *84307 *84312 *84366
*84367 *84387 *84408 *84413
legislation
Switzerland *70794
litter 3766
losses 51157 51236
marketing 4262
9272 36585 36589
45666 54629 62839
95279
Arkansas 36579
directories
New Jersey 26058
France *9264

*Text of this reference is not in English.

Item

Cattle--Cont.
marketing--cont.
Germany *70841 *76373
Gt Brit
Scotland 54611 54613
54621 54623 54626 54628
Italy *67473
legal aspects *9264 *18543
*26840
Netherlands *95272
New York 45669 54631
Pakistan 70832
Switzerland *18543 *26840
*70794
metabolism 4604 15427
23087 42066 51210 51222
59618 59683 59684 76096
76390 92613 *15441 *32788
*67606 *67632 *67671 *76311
Mexico 42321
mortality 32743 32809
51351
mountain areas *32716
Mozambique *59498
multiple births 23269 32725
32766 32879 41941 42202
51119 51218 51220 59749
59774 67664 67705 76046
76107 76318 76400 76403
84034 *42207 *50986 *51214
*67476 *84084 *84241 *84300
*92615
names 51055
Netherlands *15300 *41945
*42264 *51325 *76446 *84457
Northern Rhodesia 45609
Norway *4418
parasites 32723 51241 59261
59637 67670 *4625 *24861
*51228 *67685
Australia 32774
control 4684 59734
*4566 *4689 *84343
Fiji 92607
Nicaragua 76307
North Dakota 76291
transmission *4563
parturition 4571 4626
4678 23384 41831 42236
51212 51216 51242 76161
*4379 *32716 *32808 *42144
*42170 *42223 *42234 *51156
*51283 *59680 *76417 *84064
*84144 *84412 *92643
pedigrees 76087 *32549
*76075 *84073
pests 5917 86074 *50936
*68718 *85583 *85787
control 4661 5923 6354
6394 6507 16492 17161
24807 34721 51250 52091
52502 52565 53142 68422
68769 68770 85398 85734
85746 85775 85776 93730
*16708 *24681 *24790 *34323
*77845
poisoning 4532 4640 15446
15461 23302 23329 23341
30620 32744 32746 33934
42140 42215 42249 51209
51225 51244 52185 59729
66014 67611 67638 67686
67700 67707 75839 76300
76301 76324 76337 76338
76388 84285 84358 84360
84364 *4587 *4590 *4642
*4682 *15390 *23275 *42172
*51265 *59658 *76289 *76295
*82565
policies and programs
Denmark *36545
Germany *59606
India 18505 45617
Italy 51049
Spain *62794
Union of South Africa *45622
pregnancy 4603 15454 15478
32747 32780 51007 51023

Item

Cattle--Cont.
pregnancy--cont.
51069 51171 51174 51190
59673 67689 76049 76246
76414 84163 84251 84336
92611 *15412 *15421 *15464
*23309 *32782 *42144 *42157
*59646 *76222 *92628 *92632
diagnosis 4658 76264
*4553 *4669 *59610 *84245
*84396
prices 26862 79731 95300
Gt Brit
Scotland 54611 54613
54621 54623 54626 54628
purchasing 4272 87761
95288 *15488
records and testing 4289
4796 59762 92470 92473
*67769
Austria *76470
Brazil 67520
Germany *51315 *76421
*92472
Sweden *4783 *59511 *84055
regulation and inspection
26858
research 59809 *15289 *23450
*32544 *41990
respiration 15533 51222
76065 76323
restraint *4824
sanitation *4359 *23293 *42223
*51320
selection 4273 67493 67738
76473 92513 *23099 *84066
*92421
shelters *4761
shows 92670
Brazil *23133 *23155
Canada *92699
Ceylon 32837
El Salvador 4745
Germany *4422 *4426
*23107 *23427 *23434 *23448
Russian Zone *83995
India 84441
Italy *4300 *4351 *4353
*4373 *42016 *42302 *50989
*67473 *67515 *92408 *92409
Jersey Island 32869
Netherlands *23140
Norway *4746 *4820
Sweden *4793 *84061
situation and outlook 9181
9198 15507 18526 26809
26811 62802 70801 87732
Chile *62778
Gt Brit
Wales 9204
slaughtering 92712 *4397
*4812 *26620 *26900 *36551
*67637 *92647
spraying and dusting 78518
statistics 45743 54685
70893 87814 87817 95319
Argentina *9375
Colombia *26620 *26900
Germany *9376 *18605
Ireland 9377
Italy *92486
Mississippi 62888
sterility 4287 4302 4329
4378 4398 4410 4412
4714 15272 23324 32705
42023 50980 59768 76134
84080 84112 84384 92451
*4306 *4687 *15278 *23080
*32532 *41657 *41949 *42096
*42113 *50973 *50986 *51011
*59452 *59464 *59467 *59515
*59525 *59539 *59607 *59742
*67478 *76138 *84077 *84089
*84094 *92432 *92450 *92489
causes 4314 *4414
diagnosis *4424 *23178
*84133
France *59489

Item

Cattle--Cont.
sterility--cont.
Germany *23386 *51046
*84252
Gt Brit 59499
Norway *59460
Sweden *32573 *32574 *59678
treatment 32523 41983
50988 51071 59458 *23178
*23179 *42008 *59489 *67499
*76053 *84133 *92417
subsidies *10234 *46354
surgery 4554 4732 15450
15485 32807 59634 76374
76382 *4636 *15489 *42128
surpluses
Gt Brit 54633
Sweden *42286
taxation 18919 27341 37155
temperature 15533 *32749
theft 15514 23458 59781
76437
trade
Brazil *11001 *67496 *92504
Denmark *28132 *46912
*96084
French West Africa *32754
Germany *70841
India *67496
Ireland 9377
Italy *38047
Netherlands *51224
Paraguay *11001
Surinam *51224
Sweden *42022
Union of South Africa 63828
transportation 42149 *4812
by aircraft 18542
Tropics 15532
Tunisia *32884
types 4772 32638 59812
95807 *4312 *42007 *51080
*51345 *67734 *67759 *67770
*84491 *92453 *92502
Uganda 76144
Union of South Africa 3840
59537 81819 *67528
Uruguay 68273
vices *76479
waste
feed 92780
watering 23207 42036 42201
51125
equipment *86509
weight and measurement
23362 23419 32612 32737
32798 42121 76070 84115
84223 92585 *4301 *4397
*4812 *9310 *32544 *32802
*51276 *59498 *67712 *76110
*84413
wild 32882 42317 59541
Canada 76458
Gt Brit 23472 23473
32882 51352
Queen Charlotte Islands
4788
See also Beef cattle; Bulls; Calves and heifers; Dairy cattle; Dual-purpose cattle; names of anatomical parts, diseases, parasites, and products, and under Anesthesia; Artificial insemination; Blood; Castration; Cesarian section; Embryos; Fetus; Obstetrics; Ovulation; Photography; Semen; Serum; Sex; Spaying.
Cattle biting louse. See Bovicola bovis.
Cattle guards 17443 17508
78647
Cattleya *28580
anatomy and physiology
64796 72988
culture 13179 13229 82358
hybrids 90807
pests 85905 *24688

Item

Cattleya labiata 12175
Cattleya mossiae *64120
Cattleya trianae 874
Caulacanthus okamurai *72460
Caulicab 65915
Cauliflower
anatomy and physiology
12237 12426 73088
breeding *74137
contamination 79441
costs and returns *10419
culture 74230
Australia 30465
Belgium 30447
*21327 *30409 *30484
India 74212
Israel *13460
Italy *2244
Mexico *2200
Netherlands *2288
New Zealand 74159
Norway *13933
Sweden *57849
U S S R *2242 *57845
*74161 *74174
diseases 39144 64563
81735 90028 *11721 *12373
*29217 *64712
fertilizers 40707
Gt Brit 49151
hybrids 65915
injuries *373
packing 62571
pests *16680
prices *8807
ripening *62582
seeds
U S S R *74174
storage *62582
trade
Belgium *72078
transportation 26516 62524
varieties *2310
*2291 *90919
vitamins *55930
weed control 21376
Caulocarpa n g 64298
Cautires *68688
Cave fauna 33809 *24347
*85321 *85328
Italy *85309
Madagascar *93336
Malaya 85549
Southern Rhodesia 85313
Union of South Africa 85313
Yugoslavia *85306
Cavernularia hultenii 89445
Ceanothus 40134 82371
Cecidomyiidae. See Itonididae.
Cecropia *83300
Cecropia leucocoma *19830
Cecropia moth. See Hyalophora cecropia.
Cecropia peltata *13734
Cecum *23636
Cedar oil 22698 52784
Cedrela 83674
Cedrela huberi 50626
Cedrela mexicana *14593
*41222
Cedronia n g *72372
Cedrus *3431 *14463 *28512
*40102
Cedrus deodara *83336
Cedrus libani 13275
*15017 *75130
Ceiba parvifolia *89335
Celaenopsoides 60772
Celanese. See Rayon.
Celanese Corporation of America 75405
Celantia *24923
Celastrina argiolus 78101
Celcure 50472
Celerio euphorbiae 43745
Celerio galli *17045
Celerio hippophaës *16946

*Text of this reference is not in English.

Item

Celerio lineata livornica *17091
Celery
anatomy and physiology 56898
canned 79485
culture 57815 65902 *2229 *82514
diseases 47687 81629 89679 *11654 *24932
California 64367
Florida 56621
resistance 38713
transmission 61068
harvesting 2282
marketing 36187
packing 87458
pests 43251 *11654 *61048
seeds 25302 45962
storage 26604
tops
feed 60071
vitamins 11149
Celetes 68652
Celidothrips n g 25137
Celioschesis *52484
Cellars *86459
Celle Bundesforschungsanstalt für Kleintierzucht *41924
Cellophane 3710 75683
See also under Containers.
Cells
animals *664
plants 12131 15025 29108 38900 56930 81436 81589 81697 83661 89813 89844 89848 89849 89882 *664 *670 *940 *12380 *29107 *29358 *38886 *38901 *56888 *61089 *64630 *81430 *81568 *81663 *90051 *90117
See also Cytology.
Cellulase 20475 67214 70486 *48141
Cellulose 12541 75604 75668 *3707 *11975 *14932 *50633 *59127 *64881 *70426
analysis and composition 3782 50614 67208 *8441 *8442 *26378 *41623 *50610
bacteria *18151 *50749
Brazil *14982
chemistry 3789 3792 3795 14888 14914 14927 36079 41623 41641 45152 50556 54111 67214 70356 70462 75685 75692 75700 79931 87251 *15013 *22725 *26437 *36093 *45262 *59116 *59128 *83664
decomposition 18152 23360 32171 32176 36046 41639 45144 56496 *18151 *28663 *29406 *36035 *45263 *87225
determination 22641 26756 27122 27123 87608 *15004 *18034 *28404 *59123 *78729
enzymes 54075 70486
fibers 8537 15012 18061 18129 26367 45145 50617 54075 70363 95010 *8417 *8507 *18134 *26315 *36035 *36093 *41635 *45151 *45254 *45262 *54081 *70450 *70454 *87244 *94943 *94967
France *14925
hydrogen-ion concentration *18151
in animal nutrition 3857 41691 75669 84233 85199 *50749 *85212
in feed 8348 15773 23802 94892
in fibers 70452 70486
in poultry nutrition 23847
in sugarcane *88062

Item

Cellulose--Cont.
manufacture 95533 *15076 *83615
moisture 45145
prices *67173
properties 3790 18061 22740 35994 41618 50571 50630 *26378 *26437 *50616 *59112 *92152 *94967
research 32150 32154 41634 45302 67210 *41637 *75027 *75705
sources *88036
structure 12131 22726 22738 22740 22752 41636 59124 *70372 *92148 *94967
utilization 40911
Cellulose acetate 39112
Cellu-san 3616
Celosia 12199
Celotex *15076
Celsia sinuata 56258
Celtis occidentalis 56227
Cement *35134 *69378 *86445
See also Soil cement.
Cemeteries *65746 *90831
Cenchrus 12178
Censorinus *6691
Census
agriculture 17695 53587 69727 69748 69749 86694
British Guiana 53588
Cuba *35411
Germany
Russian Zone *94623
Guatemala *35416
Iowa 7670
Jamaica 69730
Japan 78847
Mexico *94621
Minnesota 53597
Missouri 61887
Mozambique *44632 *53583
Norway *17701 *25743 *35421
Panama *61888
Peru *61898
Southern Rhodesia *25745
Sweden *17711
Union of South Africa 80399
Uruguay *25757
bibliographies 69748
fruit
France *54408
Germany *87525
Maryland 87524
livestock
British Guiana 53588
Germany *9376 *45748 *54686 *62835 *79771
Serbia *45734
Yugoslavia *26908
population 71753
Argentina *71748 *71749
Brazil *80421 *88703
Ecuador *27885
Italy *27891
Latin America *71752
Panama *71759
Romania *27884
Union of South Africa 78373 78374 78375
Centaurea *56190 *72355 *81415
Centaurea calcitrapa 2433
Centaurea cyanus 34463
Centaurea nigra 43669
Centaurea repens 2351
Centaurea virgata squarrosa 74237
Centipedes. See Chilopoda.
Central Co-operative Anti-Malaria Society 60999
Central Experiment Station
Manila 12895

Item

Central Luzon Agricultural College 63700 63704 63720 63730 64021 71867 *10743
Central Retail Feed Association 18024
Central Valley Project 2992 40780 40798 74707 *31106 *74691
Centrale Organisatie voor Toegepast-Natuurwetenschappelijk-Onderzoek 28361
Bosbouwproefstation *14401
Centre d'Apprentissage Arboricole des Mechtras *90571
Centre de Recherches Agronomiques de Bam Bey *16793
Centre de Recherches Apicoles *33973
Centre National d'Experimentation Agricole de Metz *5447
Centre National de Recherches Zootechniques *5856
Centre National des Sports Equestres *92855
Centres d'Études Techniques Agricoles *27931 *46711 *46742
Centrifugation
effects on plants 29277
Centrifuges 26206 26610 46021 53634 53635 *87103
Centro Caballar "El Dique" *67948
Centro de la Industria Lechera *7858
Centro de Selección de la Cabra de Raza Granadina *85036
Centro di Fecondazione Artificiale di Rosignano Marittimo *83694
Centro di Selezzione di Fucino *3822
Centro di Studi sul Legno *31339 *91550
Centro Nacional de Investigación Agrícola de La Molina *82658
Centro Panamericano de Fiebre Aftosa *22900 *22901 *32302
Centro per il Miglioramento delle Piante da Frutto e da Orto *48674
Centro Studi Anticrittogamici 11774
Centrodontus 77937
Centrodora liebermanni *85889
Centrophthalmina *77727
Centrophthalmosis *85647
Centrophthalmus *85647
Centrosema 5232
Centrospora 81269
Centrospora acerina 11865
Centruropsis n g 93778
Cephaelis ipecacuanha 2429
Cephalaletes *52404
Cephalaria *47275
Cephaleia abietis *60615 *85920
Cephaleia alpina *24984
Cephalocereus *38420
Cephaloclerus *43467 *68688
Cephalogryllus 6842
Cephalojanetia n g *93731
Cephalophyllum anemoniflorum 13375
Cephalosporins 19736
Cephalosporium 19736 38340 64148
Cephalosporium potronii *76516

Item

Cephalothecium roseum 89686
Cephalotini 43725
Cephus cinctus 34502 52714 93462
CEPI process 18783
Cerace 52769
Ceracidae 52769
Ceraia *6870
Cerambycidae 68671 93778 *6420 *24754 *34286 *52489
Africa *77739
Argentina *34218
Australia 16653
Chile *77672
Czechoslovakia *43444
Fiji Islands 68644
Formosa *85642
Gt Brit 16572 43435
Indochina *16621
Nevada 85654
New Guinea 52433
South Pacific region 52433
U S S R *85623
Uruguay *24726
West Indies 77685
Cerambyx cerdo *16553
Cerambyx scopolii *43455
Cerapachyinae *78029
Cerapachys *78011
Cerastium 12115 81404 *28578 *47285 *81008
Cerastium taiwanense 80998
Cerataphis *93962
Ceratia hilaris 24760 60861
Ceratitis *24875
Ceratitis capitata 85779 *16673 *52573 *77832 *85754
anatomy and physiology *60892
control *16703 *24810 *52555 *52583 *60934 *68783 *85757 *93828 *93875
France *93826 *93874
Germany *77809
Italy *68728
Madeira *85785
rearing and breeding *68772
Sardinia *93828
Ceratocladium 28686
Ceratocomboides *24977
Ceratodon *200
Ceratolobus 38437
Ceratonia siliqua. See Carob.
Ceratophyllum submersum *89339
Ceratophyllus 17157 *61291 *61317
Ceratophyllus gallinae *61292
Ceratophyus polyceros *21560 *58137
Ceratopogonidae. See Heleidae.
Ceratosolen *34538
Ceratospermopsis n g *242
Ceratosporella 28685
Ceratosporium 11593
Ceratostomella *11763
Ceratostomella adiposum *72710
Ceratostomella fimbriata 11926 72664
Ceratovacuna lanigera *43637
Ceratozetes *43388 *93731
Cerceris *52689 *61105 *78004
Cercis canadensis 160
Cercis siliquastrum *2494
Cercles d'Études des Jeunes Agriculteurs *19404
Cercocarpus 12076 38460
Cercopidae 43631 *16843 *43689
control 6650 16877 52658 94005
food and host plants 6673
taxonomy 6673
Cercopinae 43680
Cercopoidea 16814

*Text of this reference is not in English.

Item

Cercospora 28719 72514 *72477
Asystasia coromandeliana 72716
coffee 11948
peanuts *38716
sugar beets *20023 *28773 *38668 *47566 *64420 *72628 *81231 *81252 *81262 *89629
Cercospora ariminensis *89583
Cercospora beticola 466 *38655 *38732 *89593
Cercospora cladosporioides *47507
Cercospora grewia 81121
Cercospora kopkei 11753 11802 11892
Cercospora musae 89630 *72719 *72768
Cercospora sorghi 72649
Cercosporella 28719 81090
Cercosporella albomaculans 64405 72624
Cercosporella herpotrichoides *81301
Cercosporina kikuchii 64467 72708
Cereal Seed Crop Inspection Schemes *48308
Cerebella *72471
Cerebrospinal fluid
dogs *4930
horses *5023 *15667 *23611 *23612
Cerebrospinal nematodiasis 75875
Cereopsius 52433
Ceresa bubalus *16854
Ceresan M 56470
Ceresium 68644
Cereus *112
Ceriagrion 86087
Ceriagrion corallinum 86087
Ceriagrion villiersi 34701
Cernotina 43930
Cerocephala *6736
Cerocoma (Cerocomina) *34249
Cerocoma (Metacerocoma) *34249
Cerocomina. See Cerocoma (Cerocomina).
Cerocomini *34249
Ceropales maculatus *94033
Ceropegia *80969
Ceroplastes 85842 *24972 *43692
Ceroplastes rubens
Japan 52740
Cerostoma persicella *43841
Cerotelium 56327
Cerotoma *77662
Certified Lint Program 18068
Certo 59894
Cerura *6803
Cerura vinula *78079
Cesarian section
cattle 4537 4554 4732 42146 51231 59643 59690 67662 76284 76319 76366 84426 *4635 *4722 *5047 *42240 *51162 *84339 *84370
goats 5695
horses 42463 *5047
sheep 5686 85100 93153 93169
swine *5831
Ceskoslovenská Akademie Zemedelská *19323
Cestrum nocturnum 49045
Cestrum parqui *50835
Ceterach officinarum *56711
Cetonia morio *52429
Cetraria *56352
Cetraria islandica *89189
Ceuthophilus 6882

Item

Ceuthorrhynchus. See Ceutorhynchus.
Ceuthosphodrus oblongus *93793
Ceutorhynchus 52460 *6417 *16548 *16635 *52443 *68708
Ceutorhynchus assimilis 34225 77691 *16644 *52431 *68657 *68679 *85679
Ceutorhynchus macula-alba *85689
Ceutorhynchus napi *16562 *43429
Ceutorhynchus parvulus 77652
Ceutorhynchus picitarsis *16546 *77709
Ceutorhynchus pleurostigma *34376
Ceutorhynchus quadridens *16562
Ceutorhynchus rapae 93796 *85622
Ceutorhynchus turbatus 24743 77652
Ceylon Land Commissioner 95788
Ceylon Rubber Research Board 13671
Ceylon Tea Controller 7709 94638
Ceylon Tea Propaganda Board 78870
Ceylon Tea Research Institute 2427 13705 91104
Chaenomeles *65658
Chaerocampa elpenor *68915
Chaetoceros 28649
Chaetochlamys 89352
Chaetocnema 43423 93770
Chaetocnema tibialis *60873
Chaetomeris *242
Chaetomium 20366 56496
Chaetomium brasiliensis 64708
Chaetomium globosum 81696
Chaetomium olivaceum 11921
Chaetophlepsis 52572
Chaetopotius n g *242
Chaetopsella 19882
Chaetopsis 19882
Chaetopteryx group *69050
Chaetosphaeria 72487
Chaetostricha *6736
Chaetothylax 89352
Chaetotrichum. See Annellophora.
Chaff *7119 *7128 *53081 *70742 *79218
feed 22786 83779 92211
Chagas' disease 24921 *24915 *68811 *85838
Chains 17232 *53253
Chalara quercina 519 20003 28848 28954 38684 47521 64525 89453 *89577
Quercus 11923 20051 28845 28849 28961 28965 38771 56495 56502 56513 56555 64410 72669 81239 89444 89592 *460 *20046 *28889 *47583
Chalcididae *34538 *43715 *78028
Chalcidoidea 34547 94010 *6736
Chalcis 52732
Chalcoides *93770
Chalcophana *52404
Chalcosicya 24723
Chalcosphaeria *64293
Chalepus signaticollis *16541
Chalmers Tekniska Högskola *8473
Chalybion cyaneum *16893
Chamaeangus 47291
Chamaebatiaria millefolium 72557

Item

Chamaecrista fasciculata 66195
Chamaecyparis 14448 56675 64515
Chamaecyparis lawsoniana 505
Chamaecyparis obtusa *50328 *50641
Chamaecyparis thyoides 89674
Chamaedaphne calcylata *89346
Chamaedorea 28577
Chamaelaucium 74118
Chamaelaucium uncinatum *82401
Chamaerops humilis fiber *11000 *18063 *36064
Chamaesyce 38482
Chamber of Commerce of the United States 71391
Natural Resources Dept 88464
Chamberlain F P 55408
Chambers of agriculture
Austria *10074 *55235
France *46230 *55317 *71374 *37532
Germany *73382 *73733 *80244 *88729 *88758 *88779 *88831 *95951 *95952 *95973 *95975 *95984 *95995
Chambre d'Agriculture de l'Ile Maurice *27105
Chamissoa frondosa 38441
Chamois leather 9366 87796 *9351 *18590
Chamomile. See Matricaria chamomilla.
Champagne
U S S R *25777 *25796 *25818 *25888 *35436 *35459 *35468 *35469 *35485 *35515 *35538 *35548 *35579 *69757 *69825 *69847 *78855 *78856 *78883 *78884 *78910 *78926
Champion Paper and Fibre Co 92088
Chanbria n g 6375
Chantrier J 47053
Chaoborus astictopus 6542
Chaonia ruficornis 78210
Chaparral 14651 89802
Chapman J 19659
Chara *81063
Chara fragifera *89421
Characeae 38512 64286 *56305 *81063
Charactopus n g 52463
Charasoma n g 43541
Charaxes 52819
Charaxes baya 52834
Charaxes etheocles 34621
Charaxes jasius *17031
Charaxes scylax 52834
Charcoal 13802 22683 83763 *14949 *59088 *83642
Austria *14950
India 92120
Japan *83575 *92122
manufacture 32115 75652 83633 *32116
Pennsylvania 50576
Peru *3218
properties *50581
Spain *67186
therapeutic use 4964
Chariesthes 93778
Chariobas 77631
Chariotheca *16583
Charisina n g *43528
Charitopus *6736
Charlemagne *38239
Charles H Hood Dairy Foundation 17961
Charlock. See Brassica kaber.
Charoides 52421

Item

Charophyta 47163 80881 81068
Charts 17709 19077
Chayote 49341 58034
Cheatgrass. See Bromus tectorum.
Cheese *25952 *35630 *62221
adulteration *44898
agreements *8118 *46933 *63860 *72059
analysis and composition 17983 70007 79002 79011 79015 *7972 *7983 *44818 *53756 *53795 *70002 *70014 *70018 *79042 *94766
and disease 79091 *35752 *44892 *62070
Appenzell *8301 *26204
Argentina *94721
Asiago *54018 *78985
bacteria 8210 26087 44985 *45048 *62059 *62070 *62085
Bel Paese *70243
bibliographies 69974
Blue 53981
Brie *26229 *87104
caciocavalle *35842
Camembert
bacteria *70210 *70237
color *70225
curing *70210 *70237
manufacture *7988 *17978 *26191 *55939 *70218 *70225 *70238 *87104 *94840
storage *28229
care and handling *26204 *70243
Cheddar *26176 *45062 *69950
analysis and composition 7994 62068 79033
contamination 26168
curing 87064
manufacture 8260 8282 26168 53912 62252 *8259 *8317 *18009 *26243 *44998 *45072 *53999 *69950 *70279
quality 8260
waste 26195 26196
chemistry 79003 *44797
conferences and congresses 8280 *35649
consumer preferences 44840
consumption 62094 *8032
contamination 8101 70223
cooperatives
Denmark *79120
cottage
bacteria 8136 26155 35810 35811 79098 79103
flavor and odor 70107 79103
keeping quality 26155 70107
manufacture 26136 26137 26155 35811 53978 70179 70180 70219 *17955 *26135
marketing 26057 35715 70051 70082
preservation 35810
processing 26199
public relations 70100
quality 8136
curing 8287 26015 79135 79141 87068 87120 *35845 *53925 *62257 *87070 *94832
defects 26095 *17934 *45033 *53940 *87106 *94847
digestibility *55939
Dutch *17981
Edam *8184 *44969 *87057
Emmental 53726 79000 79019 79161
Denmark *70118 *72065
Finland *35822

*Text of this reference is not in English.

Item

Cheese--Cont.
Emmental--cont.
manufacture 17958 45030 53997 *45001 *45049 *62091 *62209 *70230 *70248 *94858 *94750
quality 53997 *62209
storage *62216
Switzerland *63838
fat *7973 *8013 *25987 *53756 *86933 *94766
fermentation *45048
flavor and odor 79098 87005 *87019
flavorings 53981
Fontina *69895
Fourme de Rochefort-Montagne *8269
Gorgonzola *70183
Gouda *87057
grading and standardization 26114 87020 *8118 *8126 *44919 *94812
Canada 44893
Denmark *26102 *70118
Germany *8121 *70127 *86994
Italy *8098 *26107 *44922
Norway *35754 *44891 *44895 *44909 *44912
U S S R *44916
Gt Brit 35633
Gruyère 79143 *17971 *55939 *69904 *79022
history 7859 7940 7944 *53742 *69904
industry *35647 *69930 *70208
Arizona 35612
Australia 25946
Brazil *35621
Canada 25966
Germany 53726 *62012 *86861
Italy *7869 *44766 *55505 *62196
Paraguay *17814
Spain *78960
Switzerland *44782
U S S R *25956
Wisconsin 7865
Italy *44788 *78985
labeling 26114 94818 *8118
Limburger *35609
manufacture 8210 8222 8257 17840 17983 26095 35802 35864 53923 62241 70223 79131 79150 *8185 *8195 *8227 *8255 *8267 *8269 *8297 *17964 *17982 *18007 *26221 *35771 *35849 *35850 *44978 *45005 *45028 *45033 *45056 *45059 *53934 *53970 *53971 *53979 *62177 *62193 *62233 *69930 *70141 *70208 *70283 *79152 *79155 *87106 *87126 *94847 *94862
Belgium *87115
Canada 62252 *79130
cooperatives *44766
equipment *8184 *26175 *26191 *26208
Finland *35857
France *26166 *44946 *70213
Germany *53946 *70243 *70270 *87116
Gt Brit 17962
Scotland *26176
Italy *44766 *54018
Norway *8192 *53940
Pennsylvania 8202
Spain *8197 *45035 *78960
study and teaching *87116 *94850
Switzerland 8253 *26204

Item

Cheese--Cont.
manufacture--cont.
U S S R *26024 *26071 *26146 *26156 *26159 *26181 *26183 *26185 *44960 *45011 *53929 *62176 *94829 *94850 *94853 *94854 *94856
Markenkäse *53946
marketing 17840 35741 70075
Germany *70093
microorganisms 53758
milk for 26095 44974 62152 70780 71645 79091 79150 79161 86903 94774 *7969 *7973 *8288 *8289 *15366 *17955 *44924 *44978 *45061 *51257 *53992 *54013 *59599 *62091 *62162 *62277 *70141 *70162 *78980 *86572 *87049 *87099
moisture *7985 *44818 *86928
molds *7962 *8191 *45005 *53970 *70256 *79152 *87070 *87076
Montasio *62196
Mozzarella *8204
nutritive value *46995 *55946 *63949 *70002
packing 17840 26114 45702 79729 94819 *70155 *87029
Parmesan *8289 *35739 *62041
pasteurized milk 8260 *8328 *45001 *54013
Pecorino *86834
pests 43400
Prato *87094
prices *53907 *55846
processed *62213 *70236 *79022 *86928
analysis and composition *44820 *70023
manufacture 53914 79187 *26133 *45016 *45055 *54007 *94867
quality *94805
processing *8191 *8312 *45023 *70256 *87104
properties 79003 79015 79098 *7972
proteins *44797 *55939
Provolone 79141 87068 *35835 *70199
public relations 7951
quality 17983 *15366 *35771 *44924 *45059 *45061 *59599
U S S R *25956 *26071 *26097 *94798 *94807
Quartirolo *87049
regulation and inspection 26114 *46933
France *44898
Germany *70133 *70145
Illinois 26117
Netherlands *38044
Sweden *35755
research *8195 *26226 *94829
Romadur *8247 *44827
Romano 87068 *53944
Roquefort 79157 *53992 *94710
Saint-Paulin *87115
sanitation 26117 *69930 *70238
situation and outlook 17827 53708 70075 *25928
Canada 44743
Italy *35600
Spain *94726
U S S R *94701
skim milk *28208 *53929 *94853 *94856
spoilage 26087 44985
starters 8232 17969 17973 44974 53978 70193

Item

Cheese--Cont.
starters--cont.
79127 79128 79143 *8317 *17971 *17978 *17999 *18009 *35827 *35844 *35850 *45047 *45062 *53927 *53969 *53976 *70201 *70230 *87076 *87090
statistics 35868 35872 36837 45067 54021 *26258 *87129
Stilton 7994 8238
storage 45067 *8265 *8284 *26174 *35845 *44970 *45025 *79120
Swiss. See Emmental.
tests *7985 *7988 *35755 *44828
Tilsit *8301 *35609 *44827 *53991
trade 80621 88987 *10992 *11003 *19488 *55849 *72056 *72060 *88960 *96092
Austria *46933
Denmark *72065
France *10993
Germany *38051
Italy *55826 *72056
Netherlands *10984 *38044
Spain *46931
Switzerland *10993 *28139 *63838 *72060
transporation 86955
types 8257 53912 79002 79131 *19488 *44797 *44898 *53730 *62085 *87126
Argentina *53944
Austria *25928 *44969
Canada 35603 *79130
Denmark 87020 94818 *53885
Germany *62012 *70270
Italy *8098 *26107 *54018 *94709
Norway *7972
U S S R *94807
Villalón *17988
vitamins *11137
waste 17986
waxing 8160 8161 26124 79112
equipment *44942
whey *8192
yields 54021
Cheilanthes feei 89384
Cheilanthes tenuifolia 24151
Cheiracanthium mildei 52348
Cheirodendron helleri 89363
Cheiropleuria bicuspis integrifolia *81021
Cheirostylis *28614
Chelates 47539
Chelidonic acid 56862
Chelifer cancroides *24673
Chelis maculosa *78121
Chelisoches 43914
Chelonethida 60770 68605 93696 *6398 *6496
Chelonus annulipes 17111
Chelsea Physic Garden 89223
Chemical Institute of Canada 63965
Chemicals 28267 41584 54112 54516 55994 63977 70034 96179 96189 *50585
directories 96170
effects on bacteria 41788
effects on insects 34687 43496 86066 86071
effects on plants 12294 20391 39075 39344 56771 64452 64580 73134 73163 73172 73230 81665 81683 *12136 *47851 *47995 *48082 *56745 *56897
effects on poultry 51628
effects on soils 91305
Gt Brit 14286

Item

Chemicals--Cont.
hazards and safeguards 34745
in feed *4207
in flour 18361
in food 7531 7536 7545 17634 25661 25663 25675 35284 35298 35300 35302 35304 44487 44496 44508 44512 44514 44516 44520 53410 53479 53480 53483 53524 55926 61787 61788 61790 61791 61794 61797 61798 61801--61803 61808 61858 61866 69610 69613 69618 69619 69625 78776 78782--78784 94521 94577 *25674 *70755 *86599 *94570
in food processing 17627 17677 44396 61847 *7633
regulation and inspection 30608
research 11168
residues 24435 61794 *21638
Chemistry 28262 28278 53415-75669 *75985
and agriculture 11225 55984 72172 89097 89101 *11210 *38191 *55956 *64096 *66382 *82911 *96180
conferences and congresses 55957 *17571 *25584 *86545
Canada 63965
Italy *19609
South America *35200 *55959 *72154 *80712
Union of South Africa 72171
research 31280 *11210 *19602 *19603 *64096
study and teaching 63971 64000 64005 *38191
Chemotherapy 11660 23952 33288 76988 84914 89586 *4158 *5030 *11796 *23036 *32351 *32368 *32754 *42458 *59692 *62458 *83909 *84867 *84872 *89491
Chemotropism 73265
Chemurgy 7484 7485 17585 17586 25620 25621 26496 35241 35242 35244 36007 44431 44432 44438 52967 53429 53434 53437 54516 54727 58083 59087 61727 61728 61731 61732 62681 69576 70550 70999 78742 *7480 *25625 *36169 *44571 *53561
conferences and congresses 53433 53435
Chenopodiaceae 73562 *73519 *85918
Chenopodium 39054 61100 *17801
Chenopodium oil 32930 *23516 *76531
Cherelle wilt
cacao 56765
Cherimoya 58012 *1696
Cherkesskaîa Mashinno-Traktornaîa Stantsiîa *44197
Chermes abietis *6667 *16862
Chermes lariciatus *16862
Chermes piceae 61029
Chernozem soils
U S S R *2635 *14033 *20123 *21530 *29766 *30832 *31023 *39282 *40685 *40743 *40756 *40757 *58349 *91185
Cherries *87327
analysis and composition 36155 70672 *54227 *79365
anatomy and physiology 808 48138 *729
canned 70591
color 70624

*Text of this reference is not in English.

Item

Cherries--Cont.
culture 48813 57568 *39817 *39855 *90652
Cyprus 13058
Germany *20952 *39812 *39816 *90657
Gt Brit 1677
New Zealand 73802
Pennsylvania 82228
Sweden *39820 *57541
U S S R *1755
discoloration 70589
diseases 527 577 584 28911 38801 47664 56611 81340 89727 89728 *24879 *28841 *29025 *38825 *47388 *89623
Belgium *458
control *81177—81179
Netherlands *594 *47645
Switzerland *89735
dried *95109
fertilizers 66437 *66279
France *65439
freezing 87492
genetics
U S S R *38973
Germany *20928 *20938 *20946 *20955 *30032 *82229
grading and standardization 26483 70597 70600 79437 *79435 *87432 *87448
hardiness *47925
harvesting *65458 *82218
hybrids
U S S R *38973
injuries 28732 70591
Italy *79365
marketing 62517 *87404
Netherlands *87316
packing 36244 *79435 *87432
pests 6629 52578 61062 68729 *17019 *24879 *34355 *38610 *43567
control 6772 16745 34432 34555 52587 *34383 *68735 *93707
pollination 39811 *20953 *39795 *90625 *90662
prices 8802 8803
processed 70624 70672 79375 79480
propagation *1735 *20937
pruning 65427 *73812 *73835 *73841
rootstocks *1760 *39853
California 13038
Germany *20945
U S S R *57538
situation and outlook 36130
soils *82826
spraying and dusting 34555 38622 64336 *77897
Switzerland *87345
taxonomy 28560
trade
Italy *10960
transportation *87422
varieties 48813 87492 *30043 *73818 *82235 *90662
Belgium *20942
Italy *1742
U S S R *13042
Cherry casebearer. See Coleophora pruniella.
Cherry fruit fly. See Rhagoletis cingulata.
Cherry fruit worm. See Grapholitha packardi.
Cherry juice 70667
Cherry maggot. See Rhagoletis cingulata.
Cheshire School of Agriculture 46672
Chesneya *38476
Chess. See Bromus secalinus.

Item

Chestnut soils
U S S R *20376 *41232 *83024 *91155
Chestnut (tree). See Castanea.
Chestnuts 52156 *30143 *36134 *86696
keeping quality *18325
processing *36134 *79471
products *86696
Cheumatopsyche 34698
Cheyletiella 77638
Cheyletiella takahasii 60790
Cheyletus eruditus 68601
Cheylostigmaeus *93731
Chicago Board of Trade 8934 61741 79598
Chicago Natural History Museum *11370
Chicago Produce Terminal 79422
Chicago Quick Frozen Food Association 53556
Chick-to-Egg Program 27025
Chicken-of-Tomorrow 5171 23782 27034 33463 60254 76715 76881
Chickens. See Chicks; Poultry.
Chickpea *8936 *40188 *40202 *47541
Chicks *84868
abnormalities *5390
anatomy and physiology 15750 15811 33348 51665 60163 60196 84853 *33301
care 5406 5450 24023 24035 24045 24067 33417 33430 33468 35180 42726 42728 42739 42759 42764 42770 42810 42818 44023 44260 51694 51696 60027 60196 60207 60220 60261 68126 68147 76864 76875 76916 84977 93074 *5167 *5405 *5438 *5466 *5494 *15750 *15921 *33371 *42646 *42817 *51675 *51714 *68144 *76880 *76892 *76907 *76908 *84933 *84947 *84954 *84963 *84976
Austria *68159
Cyprus 68105
Germany *33449 *42799 *84944
U S S R *24015 *60241
costs and returns 37585
diseases 23901 42645 76827 76831 84854 *5376 *33333 *42689 *84895
feeding and nutrition 5206 5207 5209 5230 5232 5233 5236 5245 5246 5252 15778 23791 23795 23806 23812 23815 23823 23825 23827 23832 23842 23849 23850 23856 23861 23874 23875 23881 23886 23887 23888 33195 33199 33202 33213 33215 33241 33242 33273 42580 42599 42608 42610 42616 42638 44037 51559 51574 51580 51599 60069 60071 60073 60076 60078 60096—60098 60108 67990 67991 67993 67994—67996 68000 68004 68008 68010 68012 68015 68022 68023 68026 68028 76731 76736 76737 76746 76749 76755 76759 76761 84798 84819 84995 86201 92951 92973 *5215 *5231 *15780 *33180 *33232 *33433 *42573 *42585 *42697 *51596 *51675 *60080 *60086 *68025 *76702 *76740 *76750 *76765 *79210 *84804 *84805 *84817 *84821 *84972

Item

Chicks--Cont.
feeding and nutrition--cont.
deficiencies 15855 15856
grading and standardization *95400
growth 5233 5246 5273 5304 15771 23718 23739 23791 23804 23817 23820 23823 23842 23875 23886 23900 23935 33125 42683 44037 51559 51560 51585 51601 60076 60081 60087 60100 60159 68008 68015 76726 76746 76749 76760 76767 76837 76852—76854 84977 84995 *5231 *33232 *33413 *42585 *42812 *60111 *68118 *76740 *76750 *84821
housing 61562 *69404
heating 7327 35181 69489 *550 *5442 *5500 *7289
industry 5462 51699
mortality 24063 33125 44037 *60164 *76892 *84868
parasites 23886
poisoning 33923
prices 15863
quality 33469 42727 68167 *33385
regulation and inspection *33385
statistics 45904
transportation 54817 87913 95367
viability 15729 33135 51573 60087 68109
weight and measurement 5304 23739
Chickweed. See Stellaria media.
Chicory 65847
culture 40183 *49184 *49363 *65872
diseases *508
germination *39066
Italy *2227
pests 77222
Union of South Africa 45371 62473 65550 87349
Chihuahua pine. See Pinus leiophylla.
Children 25153 46905
activities 57408
education and training 10625 10626 10669 46902 46906 46907 55644 55693 *71807 *71838
growth 28186
Haiti 19292
labor 10713 88300 *80117
Missouri 71771
psychology 11098 55605
recreation 71850
research 19290
welfare 19281 19297 46609 63674 71310 *10351
conferences and congresses 71771
Chile Caja de Crédito Hipotecario *18875
Chile Ministerio de Agricultura
Departamento de Investigaciones Agrícolas *14218
Chili powder 61906
Chilo 25029
Chilo cicatricellus 78086
Chilo simplex 43786 85955 *34578 *34596 *94093 *94104
Chiloneurus *6736
Chilopoda 16481 85554
anatomy and physiology 6343 85547
British West Indies 93700
Cyprus 85597
Czechoslovakia *34173

Item

Chilopoda--Cont.
habits and behavior 52349 60777 68598
Netherlands *6353
Peru *6344
predators 60752
Venezuela *6345
Chimarra 34698
Chimeras
plants 740 20155 47820 64699 65622 *38925 *64670
Chimiloïdes n g *16910
Chimonanthus fragrans 49009
Chimonanthus praecox 81038
Chinch bug. See Blissus leucopterus.
Chinchillas 23552 92790 *4982 *26776
bibliographies 76608
breeding 4953 4958 59893 84568
care 4971 4972 51446 76601 *4979 *4982 *32985
estrus 59893
feeding and nutrition 4964 32967 51436 59889
fur production 76601
grading and standardization 42419
housing 4972
identification 23551
industry 42423 84585 *42418
purchasing 79713
See also under Blood; Furs.
Chinese cabbage. See Pakchoi.
Chinese gooseberry. See Yangtao Actinidia.
Chinese radish *73568
Chionaspis furfura 93966
Chionaspis salicis *85865
Chionodoxa *766
Chippers 34845
Chir pine. See Pinus roxburghi.
Chirocera *6739
Chironomidae. See Tendipedidae.
Chironomus *52577
Chironomus dorsalis *24824
Chironomus plumosus *34387
Chisels *91993
Chitin 20466
Chittenden F H 38199 64012 64013 80750 *11233
Chlaeminus *52484
Chlaenaceae *113
Chlaenites *52401 *77660
Chlaenius *24747
Chlamisus 60859 *16601
Chlamophora *77662
Chlamydomonas 928 38922 39247 73078 *12537 *81062
Chlamydomonas moewusii 64632 64786 81431
Chlamydomonas nivalis *81077
Chlamydonotum *43528
Chlor Kil 5 34530
Chloral hydrate 84693
Chloramine *33754 *68045
Chloramphenicol *84297 *92277
Chloranil. See Spergon.
Chlorates 12325 21342 81572
Chlordane 17565 68426 77271 *16301
adjuvants 68520
analysis and composition 52184 68493 77307 *68509
ant control 61120 85915
chemistry *6078 *43268 *85460
effects on plants 3494 52825 77705 *73102
fly control 16723 *6547
grasshopper control *17116

*Text of this reference is not in English.

Item

Chlordane--Cont.
herbicide 30542
insect resistance 68745 *16721 *60941
livestock product pest control 34242
mosquito control 6597
physiological action 93514 *16602
plant pest control 52788
residues 52825
soil pest control 68690 77706
termite control 52902 78287 85915
tests *52118
tick control 34170
toxicity
bees *6273
birds 6067 85446
cattle 32746
man and animals 85452 85453
poultry 52197
vegetable pest control 77706 *68443 *77903
Chlorella 29460 56956 94615
anatomy and physiology 20382 56943 89935 *980
biochemistry 29460 39226 90144
culture 226
Chlorella pyrenoidosa 39213
Chlorella vulgaris 20406 89960
Chloretone 4280
Chlorides *78733
effects on plants 89922
in blood 51226 *15576
in dairy products *25972
in insecticides 60630
in meat 36552 *79693
in milk 51226 *53776
in plants *81762 *90104
in rumen 50908
in sugar manufacture *27176
in urine 51226
Chlorinated camphene. See Toxaphene.
Chlorinated ethane 68693
Chlorinated hydrocarbon insecticides 24738 77288 93382 *93362
analysis and composition 60630
chemistry 16286
insect resistance *93822
physiological action *85729
plant pest control *16830
synergism 33922
See also Aldrin; Benzene hexachloride; Chlordane; DDD; DDT; Dieldrin; Lindane; Methoxychlor; and Toxaphene.
Chlorinated methane 68693
Chlorine 79924 79925
determination 69565 *40461
disinfectants *62219
effects on fibers *35987
effects on plants *12247 *73332
in food processing 26593
in insecticides *68509
Chlorine compounds *16297 *16298
Chlorine dioxide 3725 41513 41551 *89490
Chlorizeina 43892
Chloro-acetophenone *4858
Chlorobacter n g 11882 81278
Chlorobium thiosulphatophilum 12373
Chlorobromopropene 38769
Chlorobutanol. See Chloretone.
Chlorocnemis *52898
Chlorococcaceae 89433 *81060
Chlorococcales 72461

Item

7-Chloro-4-(4-diethylamino-1-methylbutylamino) quinoline. See Chloroquine.
Chlorogenic acid 64451 64890 81754
Chlorogloea 38503
Chloro isopropylcarbamate 21421
Chloro-isopropyl-N-phenyl 65958
Chloroma *92661
Chloromelas *43528
Chloromycetin 40499 51404
effects on dogs 59842
therapeutic use 22922 *4128
cats 23509
cattle 92614
dogs 15583 23509 32940
turkeys 5316
Chloromyia 85744
Chloronitrobenzene 89659
Chlorophanus viridis *16566
p-Chlorophenoxyacetic acid 47950 48136 73201 73300 *73149
3-(p-Chlorophenyl)-1,1-dimethylurea. See CMU.
Chlorophora *58714
Chlorophora excelsa *83667
Chlorophorus 93778
Chlorophyceae *19862 *56879
Chlorophyll 20201 20224 20244 20268 26967 29252 47869 47878 51416 56154 73291 73313 81566 81694 81757 81777 89960 95141 *1017 *20289 *20353 *29431 *39192 *47967 *48116 *54666 *56825 *64847 *81767 *89897 *90021 *90161
Chlorophyta *81067
Chlorophytum *11452
Chloropicrin 11158 21988 *867 *56626 *66675
Chloropidae *24822
Chloroplasts 20313 20349 20471 29135 29400 29446 29454 47912 48177 56778 73223 73268 81750 89872 *728 *1071 *29390 *29489 *39133 *48191 *56908 *56998 *64123 *72964 *72994 *73010 *73198 *81748
Chlorops orizae 93868
Chlorops pumilionis *24849
Chlorops taeniopus *16707
Chloroquine 23974 60115
Chlorosaccus 47321
Chlorosis 73090
apples 808
avocados 89980
azalea 39056
beans 81729
cauliflower *12378
celery 56898
cherries 808
chrysanthemum *47926
citrus *29356 *81702
grapefruit 826
grapes *910 *20356 *29298 *39111 *39123 *73130
jute 39064
lupine *29268
peaches 808 *12450 *28812 *64381
plants 12297 12345 12351 39210 47966 49645 73270 90099 *13767 *73145
raspberries 56592
tobacco *910 *911 *39205 *52896
vegetables *831
Chlorotettix 61037
Chlorotic streak
sugarcane 28825 64370 64386

Item

Choanephora infundibulifera 56517
Chocolate 78943
analysis and composition 7796 35539 69827 *35486 *44677
conferences and congresses *86723 *86724
flavor and odor 7773
grading and standardization *44677
history 7711 25865 69835
industry 7706 25865
marketing *86777
moisture *61925
nutritive value 7755
preservation 35475
prices *44700
processing 7755 7771 7773 7849 25799 25814 35475 35512 35513 45010 69781 69784 69815 69870 78929 78930 86718 86824 *35501 *61925 *69812
products *35506
properties 17776 35539 69827
regulation and inspection *44732
situation and outlook *17796
tests 25799 78906
trade
Germany *46941
transportation *69816
utilization 79158
See also Cocoa.
Chokecherry. See Prunus.
Cholera. See Fowl cholera; Hog cholera.
Cholesteatoma 33051
Cholesterol 12400
effects on plants 81719
in animal physiology 67952 *15667
in insects *25096
in poultry physiology 15795 76755
Choline
chloride carbamate *85312
effects on sheep 33578
in poultry nutrition 5210 5236 5273 23824 23836 23837 23887 *42697
Cholinesterase 6042 33938 77308
in cats 15587
in insects 43136 *43898
in spermatozoa 5745
Chondria 16605 *28644
Chondrilla juncea 72955
Chondriosome *73020
Chondrophyllum n g *89404
Chondropodium *28671
Chondrorhyncha lipscombiae 39982
Chondrostega 78209
Chopard L *38336
Chordeumoidea 17145
Chorea 24293
Choreutinula libyca 86080
Chorioptes bovis 52360 77629 85544
Chorioptes equi *42478
Choripetalae *47254
Chorisia n g *18107 *61274
Chorisia insignis 18107 *49359
Chorisia speciosa 18107 *2419
Chorisoneura *61274
Choristoneura fumiferana 6760 6789 43758 94051 94060
Canada 25033 61252 85987 85989 94066 94106
Maine 25038
Oregon 34612
predators 68973

Item

Chorthippus 94157
Chortinaspis 43653 *43625
Chortoicetes 69009
Chortophaga viridifasciata 17121
Chortophila brassicae. See Hylemya brassicae.
Chou moellier 78474
Chramesus *6432
Christianity 10073
Christmas greens 11384 32145 56066
Christmas trees 3774 14976 14977 14988 14992 22700 22704 22717 22718 91729 *32137
California 14969
Canada 14972
Florida 22708
Italy *50594
Maryland 22699
Montana 50609
Norway *32132
Pacific Northwest 22713 32144
regulation and inspection 22709
West Virginia 14989 41610 50608
Chromalizus 93778
Chromate complexes 11951
Chromatin 25092 *61267
Chromatography 7814 8017 9142 12249 16694 18177 18797 20474 24180 25822 26015 27140 29428 29452 35227 36716 40486 40487 45977 47885 47899 47997 48025 52184 52639 53660 53661 59117 60500 63137 64874 66187 67208 68744 69572 69824 70927 76351 79002 79011 81711 81769 81783 94926 95480 *7454 *17583 *18476 *18785 *18786 *35224 *35591 *45601 *45780 *46032 *53424 *53693 *54731 *54874 *62490 *62495 *63133 *64790 *69018 *69562 *69855 *70018 *70429 *71195 *81731 *85738 *86051 *86750 *87150 *87859 *90169 *95487
Chromic oxide 24157 60476 84809
Chromium 4564 53679 76320 *2595 *48023
Chromobacterium 2606
Chromophyceae *89420
Chromosomes 20191 47859 56795 73051 81527 81528
animals 15113 42373 51757 60121 75726 76820 *33654 *33655 *59966 *93211
insects 6872 6906 17130 24808 24828 24829 24838 24874 25099 25109 34013 34318 34357 43493 43504 52482 52523 52589 52856 60899 60931 60989 68746 68747 68757 68768 77829 77851 77864 77901 77968 85638 85945 93829 94158 94159 94161 *29154 *34368 *34652 *43885 *52524 *52526 *52550 *52577 *61265 *68751 *77816 *77817 *93898
isopods 24699
plants 638 662 666 713 722 734 785 929 12126 12133 12163 12204 20178 20243 20282 20386 20404 20405 20429 24699 29104 29133 29134 29144 29292 38898 38928 39220 47785 47793 47848 47852 56856 64635 64688 64694 64753 72954 72955

*Text of this reference is not in English.

Item

Chromosomes--Cont.
plants--cont.
72984 72987 73034 73064
73075 73185 73193 81493
81628 89804 89828 89839
89843 89847 89864 89869
89893 89902 89903 89925
90000 *722 *786 *1001
*12159 *12173 *20193 *29154
*47778 *47831 *47833 *47838
*47840 *47851 *56875 *64616
*64622 *72974 *73024 *81419
*81423 *81491 *89898
numbers 719 781
12110 12112 12115 12130
12152 12174 20205 20301
20328 29132 38913 38964
47747 56688 56697 56730
64611 64617 73015 81404
81416 *661 *711 *38924
*56680 *56700 *72973 *89836
See also Genes; Meiosis; Mitosis; Polyploidy.
Chroococcaceae 12057
Chroothece rupestris *38504
Chrotogonus 6840
Chrotogonus rendalli 6840
Chrysanthemum 2091 13181
21222 30156 49041 49042
57769 82298 *13304 *47275
*89345
anatomy and physiology
12455 39148 47960 *12165
*47926
Australia 49050
breeding 13319 82329
89705
Canada 30214
culture 1949 1973 2006
2126 13159 13198 13202
13310 13362 21223 30163
30239 30357 30389 39947
40061 48985 49004 49019
49064 49078 49096 57637
57701 57757 57768 65512
65531 65558 73924 82301
90714 90716 *13345 *90756
Belgium *30213
France *65509
Gt Brit 49013
Netherlands 82447 *13440
New Zealand 90767
Norway *30251
seasonal 30167 30377
diseases 564 20080
47684 72830 72907 89705
*47555 *81367
Australia 11692
Belgium *16236
Netherlands *579
Norway *28784
resistance 64549 64550
fertilizers 50055
forcing 21173 30337
genetics 64666
Gt Brit 21151 48904 65598
hardiness 30254 30361
*48961
injuries 89528
irrigation 40775
Minnesota 40086
North Africa *13165
pests 34311 68774 *16236
*33851 *65509
control 61096 *24802
propagation 1948 11857
21124
Rocky Mountain Region 13408
seeds *13238
varieties 2090 13388
21027 21122 30286 48912
48974 57767 65715 65750
65803 73973 74011 90754
90889 *48931 *49108
Chrysanthemum carinatum 47814

Item

Chrysanthemum cinerariaefolium 74096
anatomy and physiology 12120
breeding *738
culture 82601 91126 *82632
diseases *11790
Chrysanthemum gall midge. See Diarthronomyia hypogaea.
Chrysanthemum gayanum 81039
Chrysanthemum hortorum. See Chrysanthemum morifolium.
Chrysanthemum maximum 77826
Chrysanthemum morifolium 64642 *21159
Chrysanthemum praeteritum 80973
Chrysididae *16882
Chrysina 16536
Chrysocharis *6736
Chrysochlamys *116
Chrysochloa *16657
Chrysochraon *17117
Chrysocoptes n g 6370
Chrysodina *52404
Chrysolina *16567 *60846
*93773
Chrysolina gemellata 68717
85630
Chrysolina hyperici 85630
Chrysomela 52460 60846
*16567
Chrysomela hyperici 49247
Chrysomela tremula 6451
Chrysomelidae *34265
Africa *68684
collections 60805
Cuba *77806
food and host plants *60836
Formosa 16539
India 77676
Kenya 52409
North Africa *34269
South America *52472
taxonomy 16627 93747
Chrysomelinae 6451
Chrysomella decemlineata. See Leptinotarsa decemlineata.
Chrysomeloidea *43449 *77662
Chrysomphalus dictyospermi *24966 *68842 *94001
Chrysomphalus ficus *43655
Chrysomyia 24870
Chrysopa 34707 78261
Chrysopa vulgaris *52890
Chrysophaeum 28661
Chrysophaeum taylori *89420
Chrysophyceae *47777
Chrysophyllum *2442
Chrysophyllum auratum 47263
Chrysophyllum beardii 702
Chrysopidae 34707
Chrysopogon humbertianus *64175
Chrysops dimidiata 24795
Chrysops silacea 24795
Chrysotus 16695
Chugach National Forest Alaska 41111
Chuguevskaîa Lesozashchitnaîa Stantsiîa *58660
Churches 10643 10670 10682
10834 27911 27961 28029
37774 37885 55738 63772
71874 88730 *67120
activities 10761 10794
10809 10817 28031 28042
37856 37912
Canada 37871 *10572
Columbia River Valley 37806
37876
conferences and congresses 19305 46675
Germany *71779

Item

Churches--Cont.
Gt Brit 71798 80455
Illinois 46689
Kansas 10721
Kentucky 10581
Nebraska 10726
Pacific Northwest 37866
46322
Pennsylvania 46688 80543
policies and programs 10745
37877 46705 63743
public relations 88764
88773
Tennessee Valley 10689
Churion J *66830
Churns 78375 *70233
Chuvashskaîa Gosudarstvennaîa Selektsionnaîa Stantsiîa *12577
Chymomyza 60993
Chymotripsin *59964
Chytridium 28691
Cicada spumaria 6673
Cicadella viridis *6682
Cicadellidae. See Leafhoppers.
Cicadidae 61059 *16869 *34454
*43689
Cicadulina 61037
Cicadulina mbila 38803
Cicatricial keloid *42477
Cicer *38476
Cicer arietinum. See Gram chickpea.
Cichoriaceae 73074
Cicindela 34237 85638
Cicindelidae 16651
Cicuta *41869
Cidaria 78209 *61212
Cidaria varonaria *94095
Cider 18200 45408 73801
*35577 *62498
analysis and composition *69773 *78892
flavor and odor 94631
manufacture 7695 17721
17727 44721 53662 69761
78876 94685 95137 *35479
*35505 *45453 *53651 *79478
microorganisms 17720
*78927
Cigarette beetle. See Lasioderma serricorne.
Cilea 60848
Cillis E de *64009 *72213
*89109
Cimex 43657 *24978
Cimex lectularius 6638
43691 77959 *77958 *85386
Cimicichora n g 77732
Cimicidae 34450 *24978
Cimiciopsis n g 77732
Cimipsa *68653
Cinara 24916
Cinara wahhaka 16833
Cinchona 80007
anatomy and physiology 904
biochemistry 48172 73306
culture *2469 *2497
diseases *11780
history 13699
planting 41211 *13722
soils 21990 31233
Cinchona succiruba 83307
Cinder blocks *53304
Cineraria. See Senecio.
Cineraria hybrida. See Senecio oruentus.
cis-Cinnamic acid 928 12490
Cinnamomum camphora 64244
Cinnamomum daphnoides *28531
Cinnamon *7757 *86825
Cintractia 81117
Cinyra 77684
Cionella lubrica 68248 85114
Cionoderella n g 52628

Item

Circulatory system 51421
*51217 *51472 *76565
Circulifer tenellus 52684
61047 77931 93952
Cirencester Royal Agricultural College Forest Garden 31638
Cirphis unipuncta 5979
16802 78070
Cirrhosis 43090 *59316
*59967
Cirrospilus *6736
Cirsium 38467
anatomy and physiology *12495 *72978
control 2341 65931 74256
74324 *21350 *74240 *91085
hybrids 19839
Cirsium arvense 2363 12072
13182 57964 74282 *1028
Cirsium tuberosum *105
Cissampelos pareira 90143
Cistanche tinctoria 81426
Cistus *28520 *30659 *74008
anatomy and physiology *64783
hybrids *80959
pollination *29307
Cistus palhinhaii 56195
Cistus purpureus *30203
Cithaerias *25026
Citheronia regalis *68937
Citizenship 55664
Citranges 1704 13020
73768
Citrate 56940
Citric acid
determination *25605
fermentation 8015 63098
in dairy products *25983
*44821
in seeds *39231
in semen 23101
manufacture *88043 *94601
Citricola scale. See Coccus pseudomagnoliarum.
Citrinin *56131
Citronella oil 87839
Citronella toledoi 38441
Citronellagrass. See Cymbopogon nardus.
Citrovorum factor. See Leuconostoc citrovorum factor.
Citrullus 12563
Citrus
abnormalities 56684
advertising 8733 18273
26533 54282
acreage and area 95144
Africa 82194
Algeria *39770 *87526
analysis and composition 12282 45313 45316 *8671
*18234 *36158
anatomy and physiology 12453 20160 20354 29114
29193 29228 29238 29333
29445 31254 47972 48119
56830 64755 73232 73272
89940 *820 *20175 *29130
*29249 *29356 *39186 *48116
*56903 *90116
Australia 51582 60228
82190
bibliographies 87516
biochemistry 29382
Brazil *90585
California 30002 65408
73792 90606
canned 26572 26573 36201
care and handling *36289
*79444
chemistry 36147
coloring 62642
conferences and congresses *79355 *87312

*Text of this reference is not in English.

Item

Citrus--Cont.
consumer preferences 26499
consumption 45317 87378 *26491
containers 8782 *26513
cooperatives 36185 45374 *70578
Algeria *45347
California 36209
Florida 18274 36191 62519 62529 70570
costs and returns 8782 63588 63589
California 37574
North Africa *55478
Sicily *37613
Union of South Africa 88555
culture 13011 14028 21724 29964 29990 30005 39787 48738 57513 65385 66465 *57492 *65367 *73769
Australia 1700 20899 65381 65407
New South Wales 29989
Brazil *14228
California 8709 29980 29981 29994 48757 49824
Europe 82189
Florida 1694 21805 21914 39775 65389 90588 90593
Israel *20907 *90600
Morocco *3371
Rio Grande Valley 57515
Southern States 65398
Spain *20876
Tunisia *29974 *57491
Union of South Africa 20897 65396
U S S R *1717 *29999 *57502 *65386 *90602
directories
North Africa 65366
diseases 374 445 12042 19908 20086 20116 38674 38829 39027 47451 47620 47625 56451 56523 64548 64553 64557 64580 72703 72763 72873 72875 73270 81303 81335 81702 90079 90088 90099 *481 *526 *11984 *20096 *38799 *47634 *56534 *56550 *56588 *64492 *64565 *72729 *73142 *81349
Argentina *72838
Australia 11698 64776
California 56618 72872
control 341 11698 19958 38591 *20017 *29022 *47481 *56608
Florida 19909 72568
Hawaii 72839
India
Assam 392 38663
Java 20105
New Zealand 28741 47379
North Africa 20043 *38800
resistance 56589
Sicily *416
Spain 56437
Texas 28775 28779 29046
transmission 11672 72568
U S S R *20092 *47557 *56608
Uruguay *16809
dwarf trees 57498
enzymes 70534
fertilizers 2732 29982 49688 49693 66281 91293 *13912
Australia 49742 58239
California 2733 14270 49718
Florida 2719
Israel *82867
Italy *30913

Item

Citrus--Cont.
fertilizers--cont.
North Africa *49649
Florida 13026 73793
fumigation 34349 *70622
genetics *20237
germination *39779
grading and standardization 18285 45382 62559 62564 *8777
hardiness *57489 *57510
harvesting 1691
costs 95877
history 57508
Australia 45270
Florida 8641 48740
industry *36141 *63951 *79340
Argentina *18194
Australia 62479
California 79331
Cook Islands 54197
Italy 18187 *8605
Mexico 62452
Mozambique *54212
North Africa 45267
Spain *36141
Union of South Africa 62467 79357 87318
U S S R 36116
Uruguay *6248
injuries 12999 28724 28806 29205 29966
Algeria *19894
Rio Grande Valley 57515
Texas 29973
introduction
U S S R *30003
irrigation 2977 14066 21841 21842 21902 40832 74790 91438
Australia 14123 31154
California 14122
Florida 2999 31162
Israel *66549
Israel 18201 90610 *13007 *13014
Japan *90612
juices and sirups 36167 79351
analysis and composition 8898 26482 70547 87366 95073 *18226 *26484 *95048
canned 36294
concentrated 8920 18262 26482 36301 36302 *18226
bacteria 70540
contamination 95073
extraction *26608
flavor and odor *95048
frozen 8673
frozen concentrates 18269 18272 36195 36264 36270 45447 62561 95107
marketing 79428 87427
microorganisms 8669 79364
pasteurization 54374
preservation 8898
processing 8898 8920 36301 95131 95140 *95128
quality 45447 62561
sanitation 95107
storage 8898 36270 45447 62561
tests 8673
transportation 18262 18272 36195
utilization *95048
labelling 45381
labor *36289 *80114
Liberia 82194
marketing 8685 18257 70577
Algeria *36199
Australia 8741 36220
California 8708 8709

Item

Citrus--Cont.
marketing--cont.
Europe 28118
Florida 18261 45360 45362 54261 62535 79395 79406 79411
France *8692
North Africa *8724
research 79397
Mexico 39768
molasses
feed 76737
molds *47481
North Africa 65366 *70510
nucellar buds 13009 *1687
nutritive value 29982 *80697
packing 8792 8799 36248 62564 *10975
peel 70547 87360
pests 16824 16825 34449 60776 61116 77614 78061 85874 85875 93865 *6686 *16857 *43674 *60892 *61087 *79444 *93710
Arizona 34185
California 16183 16184 34185 61294
control 24405 24830 34180 43210 43651 61092 61120 68472 68851 93490 93504 93823 94186 *5938 *61088
California 5915 5993 6708 16218 16808 52452
India 6764 6799
Italy *52380
Mexico 77914 *77833
Morocco *24966 *68842 *68850
New Zealand 28741 47379
Spain 56437 *68408 *78040 *85350
Texas 34694
preharvest drop *90012
prices 45403 70616
processing 36269 36697 45318 62618 70654 *79444
conferences and congresses 36261
products 45318 *54206 *87326
propagation 12997 64554 *48746 *73770 *73790 *82174
pruning 29995 73774 *29979 *29991 *82182
public relations 70574
pulp 18040 26485 36281
feed 18040 59549
quality 70565
records 55438
regulation 6015
research 39791
Rio Grande Valley 30007
ripening *8777
rootstocks 1688 1704 13020 28779 29973 56589 64548 72873 72875 73768 73777 73784 *57494
California 12998 82173
India 90594
Java 20105
U S S R *13925
situation and outlook 8617 18198 36105 54214 95040 *54203
Algeria *79343
Argentina *45274 *70498
Australia 70506
Brazil *36123
Florida 8653 45362 62471 95031
Israel 26469 87335
North Africa *54211 *87385
soils 13013 21724 21914 58535 *49698 *82864
Florida 58117
India 2556

Item

Citrus--Cont.
soils--cont.
Texas 30776
U S S R *13925
Spain *82185
spraying and dusting 6373 7187 38760 68435 *16829
statistics 18356 45476
Argentina *8926
Australia 70676
Florida 54287 62652
storage 8870
diseases *70622
taxonomy *81012
trade
Algeria *10975 *38026
Argentina *8926
Europe 28118
Italy *96082
Mozambique *72023
Spain *80603 *80612 *80623
Union of South Africa *72075 *88988
transportation 45375 70565 *26513 *79393
by railroad 95061
costs 95877
Union of South Africa 13022
U S S R *90605
utilization 35843 36166 36269 53989 87095
varieties 1698 1720 95144 *39783
North Africa *65372 *73772
Rio Grande Valley 39766
U S S R *20893
vitamins 8898 *18234
waste 35919 45316 45322 79380
feed 4441 4506 35919 79380
West Indies 73789
yields 29982 *1693
Citrus assamensis 11461
Citrus aurantium 87360
Citrus blackfly. See Aleurocanthus woglumi.
Citrus bud mite. See Aceria sheldoni.
Citrus oil
extraction 36697 *45449 *87896 *87897
Citrus red mite. See Paratetranychus citri.
Citrus rust mite. See Phyllocoptruta oleivora.
Civilian defense 17204 38083 38098 38166 41895 43580 53818 59386 67421 72084 86841 92248
and dairy industry 87046
and food supply 78716 86517 86537 86596 86601 86998 87783
and human nutrition 88997 89011 89015 96114 96121 96128 96129 96137
Cixiidae 16796
Clada *68688
Cladinae *85930
Cladium 47248
Cladium mariscia *89374
Cladius *85930
Cladonia *56009 *89438
biochemistry *64108
Cladonia alpestris 56979
Cladonia transcendens 56332
Cladophora glomerata 38877 *47792 *72462
Cladosporium 8838 11758 72477
Cladosporium carpophilum 72734 *64436
Cladosporium cucumerinum 81220 *20027
Cladosporium fulvum 11735 11803
Cladosporium herbarum *38736

*Text of this reference is not in English.

Item

Clam shells 15789
Clarke-McNary Law 31780
Clasmatodon parvulus 19855
Clathrosphaera spirifera 243
Clathrospora 64307 *72498
Clavaria 64294
Clavariaceae 56326
Clavellinae *6717
Claveriella n g *60834
Claviceps *81234 *89595
Claviceps inconspicua 38532
Claviceps purpurea 47503
*496 *20021
Claviceps pusilla 72486
Clavicorona taxophila 47335
Clavidesmus 52421
Clavija *72372
Clavontella 43931
Claws *23490
Clay soils 40403 66117
66180 66353 74436 82695
91321 *66169
analysis and composition *21509
India 66172
Australia 66278
chemistry 66189
Italy *40567 *40765 *53035
Japan 91192
Mexico *66166
moisture 74426
Ohio 40441
Netherlands *14032 *30743
*31030 *58090 *82749
Texas 1291
Tropics *21546
Clays 40471 49385 58097
58114 91209 91210 *2539
*30773 *49384
Argentina *82702
chemistry 82697
properties 40419 *21502
*40392 *40393 *91190
U S S R *2559 *91190
Claytonia 12174
Clear Lake Gnat Control Project 34385
Clematis 2025 38386 57685
*30262 *56511
Clematis vitalba *29138 *73345
Clemente H *96192
Clemson Agricultural College South Carolina. See South Carolina Clemson Agricultural College.
Cleogonus *24737
Cleome graveolens *680
Cleonogonus n g *16640
Cleonus *57385 *60874
Cleonus mendicus *52491
Cleonus punctiventris *43433
*52467 *60821 *77699
Cleoporus lefevrei 68634
Cleora repandata 16971
Cleptidae *25005
Cleptomyia n g *24792
Cleptonotus n g 93778
Cleptosoma n g 93778
Cleptria *68863 *85869
Clergymen 19334 27994
28040 37827 46616 55738
71896 *46657
Cleridae 60886
Clerodendron *115
Clerodendron infortunatum 47742
Clerodendron phlomoidis 56584
Clerodendrum 47260
Clethra 72975 81427
Cliarthromorphus n g *16577
Climacia areolaris 52876
Climate and weather 48075
49980 63517 64078 *64071
*91889
Alaska 80807
Algeria *62635
Arizona 38286
Australia *25766 *69754

Item

Climate and weather--Cont.
Belgium *65356
Brazil *89787
California 28349
Colombia 10218 *66044
Connecticut 56094
Denmark *31798
effects on agriculture *18926
*38281
Gt Brit
Scotland 78717
Iceland *12805 *27593
Italy *56084
Mediterranean region *89152
Southwestern States 89150
U S S R *38285
effects on cattle 15515
15540 32547 76065 76066
76145 76420 84040 *23444
*23466
Brazil *15256
Norway *76503
effects on equipment *78301
effects on fibers 62339
62356
effects on forest fires 50370
*50376
effects on forests *3476
*3479 *14644 *38867 *41192
*50358 *50363
France *3486
Germany *3496
Norway *14753
effects on fruit 57447 *20947
*20948 *47390 *64858
effects on herbicides 21340
effects on insecticides 77294
effects on insects 6757
24829 25100 25101 33807
33811 43134 60776 61118
61252 78255 85335 86001
93330 93713 *16598 *25002
*33797 *34393 *43433 *43567
*52032 *52906 *77240 *77357
*85660 *93457
Japan *34495
effects on livestock 50705
50748 50768 50949 83905
84001 84002 84015 *4124
*15243 *92256
Union of South Africa 59420
effects on man 38095
effects on microorganisms *20407
effects on milk *69981
effects on plant disease
23815 64499 *19921 *28842
*72569 *72730
effects on plant disease control 11889
effects on plants 912
1565 12285 14018 29272
29520 29659 38418 39043
39431 39683 40611 47719
47907 47953 48104 56838
72927 72986 80856 81708
81723 81910 82112 89802
90530 90713 *11714 *12625
*12823 *12882 *13502 *20265
*20302 *20596 *29309 *29458
*29866 *29872 *30441 *36690
*47973 *48043 *48089 *56669
*56797 *56903 *57067 *57427
*58298 *65150 *68587 *72609
*73152 *73289 *81383 *81605
*81632 *81867 *82641 *90272
Austria *29904
Finland *20493
Germany *1803
Gt Brit 20790
India 66406
Japan *90612
Netherlands *20756
Norway *73214
Philippines 82516
Switzerland *89781
Union of South Africa *58229

Item

Climate and weather--Cont.
effect on plants--cont.
U S S R *20394 *29344
*39904 *47977 *48053 *64150
*90126
Utah 12734
Washington 73738
effects on poultry 51651
60265 76860
effects on sheep 68269
77030 *85037
effects on soils 21484 47719
49482 66149 66236
effects on swine 51921
effects on textiles *94961
effects on tobacco 95567
effects on trees 39109 41253
41256 41258 *11894 *14646
*22494 *31647 *31756
Canada 58846
U S S R *58830 *89993
effects on vegetables 13484
effects on wine *86714 *86715
El Salvador *38276
Finland 29567
forecasting 11311 38279
48248 80808 81926 83437
*80891 *93569
Argentina *56090
Australia 72232
Italy *64072
Netherlands *1662
Sweden *75285
France *80817
Germany *11302
Gt Brit 11307 28351
Great Plains 3363
Gulf Coast Region 28352
India 15380
Japan *80810 *95822
Mexico *19695
Michigan 64080
Nebraska 63536
Netherlands *39331
New Mexico 56092
New Zealand 11295 19699
Norway 11305 *64914
Union of South Africa 64082
Uruguay *56087
See also Drought; Frost; Hail; Humidity; Lightning; Meteorology; Precipitation; Snow; Temperature; Wind; and subheads drought resistance; ecology; hardiness; injuries under specific subjects.
Climbing plants 1991 2078
38894 48911 48930 48978
49053 *13184 *20164 *73937
*82613 *90748
Algeria *30196
anatomy and physiology *12148
Canada 13351
culture *48914
Georgia 39980
hardiness 57636
India 13425
pruning 73922
Southern States 57736
varieties 21113 21117
65526 *21128 *30278
Clinodiplosis hyperici 34304
Clinohelea 68787 85789
Clinosperma 28571
Clisodon *25010
Clistogastra 43726
Clitobius 52460
Clivia *2047
Clivina 43456
Clivina impressifrons 43437
Cloaca 84926 *68041
Cloches 1590 12904 17483
20822 21104 25301 47411
48672 65286 65287 65833
78620 *35112 *49203 *65459
*82127

Item

Cloches--Cont.
Gt Brit 13472 17484 21103
21241 21301 40164 40165
73727
New Zealand 21287 39674
57417 65870
Cloniocerus 93778
Clonostachys araucariae rosea *475
Cloquet Experimental Forest 91669
Clorox 21979
Closterium 56308
Clostridium botulinum 49463
Clostridium felsineum *87228
*87240 *87241
Clostridium hemolyticum 4568
51176
Clostridium pasteurianum *13794 *82731
Clostridium perfringens 4011
51824 *42967 *59356
Clostridium septicum *42940
*85127
Clostridium strasburgense *76549
Clostridium tetani *59335
Clostridium welchii. See Clostridium perfringens.
Clothes moths *68965
control 34646 68929 78192
78201 94119 *68965 *94111
Clothing 9791 19681 28330
28339 38244 38247 38261
45194 45247 47086 56076
56077 56079 62352 64057
64063 64064 79319 80794
80795 80796 80801 89142
89143
Austria *55727 *80481
children 28335
consumer preferences 18167
insect proofing 6619
Italy *71819
New York 10239
storage 56078
Switzerland 71792
See also Sewing; and under 4-H Clubs.
Cloud N B 11254
Cloudberries 55935 *20958
Clove oil 62896
Clove tree. See Syzygium aromaticum.
Clover 848 12786 13792
20698 39571 *13660 *33960
*48105 *90444
analysis and composition 79209
anatomy and physiology 38958
*339 *862 *20368 *81625
Australia 39442
bacteria 58146
control 57963
culture 48441 65091 65163
*49309 *65188
Austria *57033 *90210
Germany *13724 *29680
Russian Zone *48507
Ireland 12801
Israel *1384
U S S R *29790
*48488 *90396
diseases 452 20018 38838
*28866
Germany *64442
Sweden *47677
U S S R *19954 *38627 *56538
feed 60348 85079 *32246
*42480 *62309
fertilizers 48441 49605
66687 *58348 *82849 *89991
Florida 58310
U S S R *49785
Germany *57350
Gt Brit 12751 81960
harvesting *90415
Texas 39570
hay *54044

*Text of this reference is not in English.

Item

Clover--Cont.
inoculation 66197 *49464
irrigation 15356
nitrogen fixation 49471
pests 61183
control 43631 52102
52658 60564 68416 93431
planting 82080
pollination 52102 77545
93431 *1486 *24634 *77343
seeds 29709 48562 *7096
*20677 *29812
cleaning 54844 *18733
Denmark *88015
Germany *12829 *20717
pests *61125
U S S R 20317 *39561
*82041 *90415
Sweden *77309
threshing *61474 *65195
*69271
toxicity 15433
Uruguay *73618
varieties 1425
California 1389 39514
57268
Ireland 29757
Israel *90381
Texas 39455
weed control *21366 *40277
*47384 *47385
U S S R *29724 *48428 *74646
*90425
Clover root borer. See Hylastinus obscurus.
Cloves
Zanzibar 61996
Clubiona 77631
Clubroot
Brassica 28856
Cruciferae 11931 *47523
potatoes *19990
vegetables 511 20014
Clubs 63793 *19399 *46874
youth 10876 *10849 *88882
See also Communities, group activities; Discussion groups; names of organizations; and subhead associations under specific subjects.
Clunioninae *16692 *16713
Clusia *116
Clusiella *116
Clypeodytes *52436
Clysia *6815
Clysia ambiguella *6824
*68938 *78151 *85931 *94140
Clytocerus *85771
Clytra *77767
Clytridae *93765
Clytrinae 16600
CMS. See Cultured Molasses Substrate.
CMU 13538 30630 57926
57962 65940 65956 91000
91009 91020 91047 91076
91092
Cnemidocoptes *93716
Cnemidocoptes pilae 60779
Cnemonyx *43472
Cnephasia *85996
Cnephasia gueneana 43779
Cnephasia longana 25066
68940
Cnephia 43554 60982
Cnestis annamensis *64188
Cnethocampa pityocampa. See Thaumatopoea pityocampa.
Coal 40987 *81552 *85467
Cobalt
effects on livestock 15495
effects on plants 48016
48046 81719 *74921 *81547
fertilizers *91515
in animal nutrition 22858
22877 41730 49487 67273
83750 *49484 *75753 *93219
in cattle nutrition 59638
77001 *4434 *92559
in human nutrition 22877

Cobalt--Cont. Item
in plant nutrition 41730
in plants 12561 41732
69544 73264 90151 *15436
*49484
in poultry nutrition *51652
in poultry physiology 33315
in sheep nutrition 5645
16010 24140 33557 42957
51805 51809 68227 76978
77001 *24156 *33561
in soils 49487 *30783
in swine nutrition 51914
60416
radioactive 76978
Cobalt chloride method 73098
Cobalus *43795
Cobbett W 9949 23312
Cobnuts. See Corylus.
Coca *21455 *37837 *40351
Coccidae 16800 16871 43651
51607 52653 68897 77979
*16858 *43197 *61087 *61088
*85865
California 52632
China 43653 52630
control 34442 61092 68857
77988 93982 *52637
Australia 68472 *52660
biological 94186
seasonal *43684
Texas 34447
U S S R *93983
diseases 93959
habits and behavior *77980
Italy *43677 *52655
Morocco *24683 *52679
*68850
predators *61176
Spain *16794
U S S R *61033
Coccidencyrtus 94010
Coccidia
in poultry 33293
Coccidioidomycosis 23012
Coccidiosis
cattle 84275 *67678
coypus *23548
dogs 51404 67836
geese 33302
man *83955
poultry 15814 15848 23970
33257 42684 51607 68079
84841 84861 84869 *42702
*68076 *84884 *84895
control 51629 76809
84897 84928 *23930
immunization 23913
prevention 15804 42662
*60131 *76787 *84867
resistance 23913
treatment 23927 23935
23981 42633 42662 42671
51658 60167 68062 84876
84914 *68038 *84867
Union of South Africa 84875
vaccines 84860
rabbits 5588 *5593 *76943
*76945
Austria *5592
control 85022 *42879
sheep 51658 *5681 *33586
turkeys 33349 60147 60166
68083 84892
Coccidiphila n g *61176
Coccidiphila gerasimovi *61176
Coccinella septem-punctata *93750
Coccinellidae 16804 43451
43485 68702 85681
Coccinia cordifolia 29081
Coccinia indica 89842
Coccithane 67836
Coccodinium 56325
Coccoidea 6633 16800
43654 *43625 *43627 *85868
Coccophoctonus *6736
Coccospora agricola 28721

Item
Coccotrypes *6432
Coccus hesperidium 16824
16825
Coccus pseudomagnoliarum 34452 34457 43670
Coccus viridis *61030
Cochlearia officinalis arctica 38485
Cochlearia polonica 29068
Cochliobolus 11608 *72472
Cochliomyia hominivorax *15470 *24873
Cochrane W W 35347
Cochylis moth. See Clysia ambiguella.
Cocklebur. See Xanthium.
Cockroaches 6863 17131
43876 52861 69015 *6874
*61274
China *78232
control 6885 17127 34653
34656 43530 43531 43877
43896 52560 *85386
cytology 25105
Norway 17128
Ohio 78222
oothecae 6837 24989 34664
parasites 93703
pests 34172
rearing and breeding 78230
*34674
Tibet *78232
Cocks 5166 60224 *5188
anatomy and physiology 5303
5361 23965 76682 76716
94776 *5336 *33286 *68042
*84755
and heredity 23758 42530
60006
care 33425 42735 76887
Denmark *67959
feeding and nutrition 5271
*5255 *23751 *68014 *84824
fertility 76703 *15719
growth 23768 23906 76788
habits and behavior 5153
23757
marketing 15732
Netherlands *5177
records and testing 42519
*33167
selection 5412 *5177
*33164
Cocoa 17810 78943 86765
conferences and congresses *86723 *86724
husks 78913
Nigeria 35542 86782
products *26246
See also Chocolate.
Cocoa butter *9465
Cocoa Conference 44664
Coconut milk 64796 *39100
*64733 *64734 *64735
Coconut oil 9402 9424
70567 88267
analysis and composition *70965
extraction 26945
Mozambique *9485
processing 87833 88267
Coconut Research and Development Project 48748
Coconuts 45229 89255 *20895
anatomy and physiology
20182 20285 29240 29442
56715
Brazil *13025 *70926
breeding 73782
Ceylon 1689 20884 36099
95024
costs and returns 37610
India 37589
culture 31055 57505 *82175
*82196
Ceylon 1690 30878 65112
94264
India 65364
Philippines 1702

Coconuts--Cont. Item
diseases 28991 29196
64328 72865 *337 *19935
*20115 *81364
Fiji 56441
West Indies 38576 64342
equipment 78303
feed 72129
fertilizers 13963 21545
31011 66420 91286 91546
Ceylon 21763
India 66386
industry 87336
Brazil 18183 87346
India 70500
nutritive value 46997 72129
pests 16730 34267 60607
*16559 *94126
Fiji 56441
Malaya 24756
Philippines 18355 26461
36115 48748 65397
planting 20886 65365
65374
soils
Ceylon 21763
weed control 91051
See also Coir; Copra.
Cocytiidae *34598
Cod *37014 *37019
Cod liver oil 23205 32618
*4045 *68300
Codex Alimentarius Austriacus *69614
Codium 29441
Codling moth. See Carpocapsa pomonella.
Coefficient G *7988
Coeliades libeon *94071
Coeliccia *52899
Coelidia 61037
Coelioxys *34529
Coelogyne 74066
Coelostoma *68633
Coenia curvicauda 93886
Coenonympha *78170
Coenonympha hero *78205
Coenonympha iphis gallica *61213
Coenonympha oedippus *86013
Coenonympha tullia 52814
68951
Coenosia *93863
Coenosia tigrina 60965
Coenosiinae 93892
Coenurosis cerebralis. See Staggers.
Coffea. See Coffee.
Coffee 7837 7846 44722
69785 69836 86787 *66047
advertising 25821 78885
Africa 30686 35574 *35531
*49358 *61952
anatomy and physiology
*12454 *56679 *56814 *56916
Angola 78867
Australia 25775
Brazil *27359 *30690 *37119
*46192 *53684 *82622 *83002
breeding *58031
Cameroun *7745
Colombia *19156 *95860
concentrated 7758 44722
53638 53643 53644 61904
69863 86756
conferences and congresses 7726 7800 7845
consumer preferences 94647
*86822
consumption 7691 7787
7806 7818 78889
Costa Rica *40368 *44684
Cuba *44647
culture 2453 13732 53037
58051 *2434 *2447 *13733
*13735 *44731 *49345 *64833
*82609 *82641 *82650
Africa *58037 *66069

*Text of this reference is not in English.

Item

Coffee--Cont.
culture--cont.
Brazil 2502 *2448 *13677 *30700 *30702 *58004 *58020 *66082 *74363 *82159 *82629 *82643
Cameroun *74386
Colombia *66044 *66607 *82610
Cuba *44647 *61974
Ecuador 2421 *82630
El Salvador *82624
Guatemala *40359
Honduras *21460
India 40370 74379 74400 82633
Kenya 74381
Mexico 2492 82645
Mozambique *2416
diseases 11948 72731 *614 *11763 *11888 *11902 *28852 *38642 *38767 *56493 *72593 *81226 *81282 *89684 *89743
Brazil *28828
Colombia *11764 *38660
Costa Rica 11949
Guatemala 11926
Kenya 11701 20041 20042
East Africa 86702
Ecuador *86705
equipment *78349
exchanges 25773
Europe 7728
fermentation 35507 *17713
fertilizers 30872 66429 *21669 *31293 *49628 *58540 *82848 *82870
Brazil *74546
Colombia *21782
Costa Rica *82908
French Equatorial Africa *13673
futures 69768 78863 86706 94634
genetics 20217 *56724
Haiti *86708
harvesting *17332
Brazil *2503 *30703
history 61907 86731 *2436 *17780 *63068 *86810
India 2490 66077 94649
industry 7764 17810 25829 *86789 *94672
Brazil 7834 *7833 *78916
California 7733
Colombia *25844
Costa Rica 7777 *44668
Cuba *61974
Ecuador *69765
El Salvador *44668
France *86716 *86802
Hawaii 7826 17753
India 94639
Kenya 7785 78900
Pacific Coast States 61936
Tanganyika 53667
West Coast 86742
Ivory Coast *86794 *86797
Kenya 66068
labeling 7698
marketing 7704 7707 7718 7735 7753 7758 25821 25884 26941 53641 61976
Belgium 7730
France *44699 *88933
Southwestern States 25823
Mexico 7811 *61977 *82636
Nicaragua *71302
packing 7847 25821 35498 61912 61951 69785
pests 16617 34474 77977 *16560 *16597 *43465 *68665 *68827 *86022 *93942
Angola *68405
Brazil *34552 *34576 *68681
El Salvador *43151 *61030

Item

Coffee--Cont.
Philippines 82597
planting *2508 *21463 *58033 *91100
policies and programs 61930 61939 *21470 *61958 *86732
pollination *85533
prices 7708 7788 7818 17767 61907 *44728 *86803
Brazil 7690 7736
California 7842
processing 7765 17769 25911 *35566 *44731 *53686 *69810 *86752 *86753 *86788 *86820 *94650 *94664
Belgian Congo *69801
Cuba *61974
France *86822
Ivory Coast *86699
Union of South Africa *35461
propagation *2412 *21471 *30684 *40328 *58036
proteins 26248
pruning 21444 *13694 *58011 *82634 *91129
Colombia *13674
Kenya 91119
public relations 7734 7753 7801
Puerto Rico *7799 *17806 *35471
pulp *15087 *17668 *53317
quality *17713 *35588 *86798 *86803 *86820
research 13696 *40324 *40349 *66057
roots *2501
shading *13686 *21458 *40374 *49373 *58020 *66081 *82603 *82617
Brazil *2500 *13727 *49372
Colombia *13675
India 21469
Mexico *2472
situation and outlook 7788 7819 7831 94669 *17800 *25795 *25848 *53683 *86786
Brazil 7776 7780 53632 *25772 *94687
Colombia 7693
El Salvador *61965 *61966 *61967
France *86732
Oregon 61902
Western States 7760 61934
soils 40634 40543 40886 66428
Brazil *30996
El Salvador *83046
India 21667
Spain *69850
Spanish Guinea *74394 *91134
spraying and dusting 72744
storage 44694
substitutes *7839 *49363
surpluses *78859 *86698 *86786
Tanganyika 74396
taxonomy *56224
trade 61936 63844 72054 *38046 *38054 *44699
Brazil *88978
France 7691 *19480 *88929 *88933 *88938 *88939 *88953 *88984
Germany *88978
India 88966
varieties *11902 *21434 *58048
waste 66455
weed control 21409 30599 74310 *30513
Cognac
manufacture *35481 *78901
U S S R *17799 *35470 *35484 *35533 *35534
Coins *23702
Coir 40963

Item

Colx lachryma-jobi. See Jobstears.
Cojoba arborea 32163
Cola *72490
Colamine. See 2-Amino ethanol.
Colaphellus sophiae *43418
Colaspis *52404
Colasposoma *77767
Colaulon n g 77654
Colchicine *796
effects on insects 6848 52602 85825 *77985
effects on plant disease 11964
effects on plants 947 995 20307 29326 39039 40115 64663 73092 73169 81565 89859 89926 *20197 *20293 *29328 *29374 *48067 *64678 *64798 *73131 *73195
effects on poultry *84756
in plants *20197 *20468
Colchicum 90734 *796
Colchicum autumnale *2050 *20197
biochemistry 20468
Cold 55606
effects on bees *34102 *60726 *77342
effects on cattle *59804 *76426 *76477
effects on citrus 28806
effects on insects *77466
effects on plants 818 20338 22376 28744 29287 40115 56396 56409 57544 72966 73121 73144 73151 *333 *872 *20419 *29155 *29207 *39099 *39196 *64727 *64868 *81652 *81763
See also Frost; Temperature.
Coldframes 2120 2205 17491 20806 21228 21295 29894 39672 48671 65298 78415 *17487 *69428
Australia 2321
construction *86440
culture 82404
Denmark *1554
Gt Brit 12926
U S S R *90982
Colemanite 74621
Coleophora *6794
Coleophora caespititiella *52827
Coleophora laricella *68935
Coleophora pruniella 94145
Coleophoridae 61183
Coleoptera 52413 52463 68644 68685 77659 93778 *16613 *34246 *43467 *52454 *68715 *77662 *77672 *77727 *77735 *77776 *77778 *85619 *85648 *85673 *85849
abnormalities 6440 *77656
Africa *34272 *34273 *68687
anatomy and physiology 16624 85636 *77703
as parasites 24353
as pests 24730 24752 *50361 *77777 *85603 *93813 *94111
Ivory Coast *24748
as predators *25070
Austria *6488 *52445
Australia 77745 77760 93779
Belgian Congo *85647 *85674
Bolivia *52404
Canada 93768
Canary Islands 52460
Chile *77802
collecting and preserving 60875 *6487 *60829
cytology 85638
Czechoslovakia *43471 *60858
Dahomey *68633 *68688 *77715 *77767 *77800

Item

Coleoptera--Cont.
Denmark *16565
Europe *93770
food and host plants 85609 *16580
Formosa 93747
France *93807
French Guinea *52401
genetics
U S S R *6426
Germany *6478 *60843
Gt Brit 16521 16656 43408 52397 60887 68641 77678 77692 85605 85607
Scotland 16622 43411
Wales 52473
habits and behavior *77675
hosts 85694
Hungary *34229
Ireland 16523 52399
Italy *34216
Japan 16605
larvae 77653 *85632
Mauretania *16612 *68653
Morocco *34212
Nearctic Regions 77654
nomenclature 24718 60808 *34259 *93773
North Africa *68636 *77657 *77766
Norway *16647
Pacific Northwest 6447 24742
Patagonia *77757
pests 52381 *6496
Portugal 34226
rearing and breeding *24722
Solomon Islands 85613
South Africa 77732
South America *60834
Spain *6427
Sweden *6492 *68642 *68668 *68706 *77725
Switzerland *77785
taxonomy 52419 68641 77692 93746
Togo *68633 *68688 *77715 *77767 *77800
Tunisia *16609
Utah 77731
wood destroying 34287 60814 85667 *34303 *60866 *77673 *93805
Sweden *60864
Coleoptera Scolytoidea 34283
Coleosporium 64444
Coleosporium sidae 72517
Coleroa *47348
Coleus 20206 29120 *30221
Colias 34614
Colias australis *68966
Colias calida 78092
Colias croceus 16972 17107 85946
Colias hecla sulitelma *25047
Colias lesbia *43768
Colias nastes werdandi *25047
Colias palaeno *85960
Colias palaeno chippewa 43817
Colias phicomone *52845
Colias philodice eurytheme 17083
Colibacillosis *5364 *33584
Colic
horses 33043 *5081 *42480 *42484 *59958
treatment *33046 *33048
Colla Plantae rariores in regionibus chilensibus 63 89234
Colladonus 93953
Colladonus geminatus 61064 68821
Collagen 9362 45650 45651 62858 70879 70881 79696 *18586 *18596 *45709
analysis and composition 26820 26826 79685 87752

*Text of this reference is not in English.

Item

Collagen--Cont.
chemistry 9253 26826 45653 70812
determination 79690
properties 87750 87755
structure 9253
Collar rot
apples *28843
citrus 72763
tomatoes 397
Collargol *68038
Collective farming 27668 *19085 *37953 *63553
accounting *46450-*46453
Balkans *55365
Baltic Region 46393
China 10320 *55428 *80252
contests *55413 *63537
U S S R *26799
contracts *27673 *63480 *63529 *71577
Czechoslovakia *55361 *55411 *55431
Danube River area 19122
Europe *27629 *71713
Germany
Russian Zone *45472 *71413 *80252 *90208
history
U S S R *37427
labor
U S S R *37205
legislation
U S S R *37453 *37499 *37551 *46444
management
study and teaching
U S S R *10798 *37846 *63497
U S S R *10312 *27408 *27607 *27679 *32475 *37520 *37525 *46368 *46415 *55349 *55389 *55433 *63471 *63489 *63494 *63519 *63527 *63528 *71614 *95786
policies and programs
U S S R *10274 *10301 *10328 *10348 *10352 *10491 *19114 *19137 *27554 *27626 *27658 *36499 *37558 *46364 *46396 *46399 *46435 *46658 *48215 *55379 *55385 *55423 *59168 *63518 *63625 *71544 *71604 *71904 *88478 *88499 *88512 *95638
records
U S S R *27688
U S S R 19113 27683 63624 *6125 *6937 *7867 *9777 *10295 *10314 *10326 *10330 *10358-*10360 *10367 *12952 *13117 *20511 *22263 *23058 *23464 *23465 *26281 *26805 *27374 *27390 *27576 *27605 *27615 *27618 *27634 *27639 *27808 *30072 *30112 *30473 *31650 *32453 *32454 *32467 *32474 *32989 *33081 *33089 *33395 *33436 *33610 *33633 *33645 *33789 *35037 *35046 *35060 *35124 *35125 *35897 *35921 *37181 *37206 *37255 *37455 *37502 *37515 *37524 *37535 *37754 *37756 *39283 *40877 *46361 *46369 *46372 *46402 *46519 *46652 *49859 *51332 *51931 *55350 *55356 *55365 *55380 *55381 *55409 *55410 *57017 *59414 *62810 *63230 *63495 *63496 *63522 *63530 *63541 *63554 *63634 *63653 *63712 *67458 *71593 *71722 *73758 *77459 *77558 *88345 *88422 *91420
Latvia *10298 *37503
Turkmenian S S R *23045
Ukraine *10160 *55418
Yugoslavia 10324 19098 *88298 *88360 *88505 *95678

Item

Colleges. See Land-grant colleges; and names of colleges.
Collema 12340
Collembola 78262 86073 86094 *25128 *69031
Africa *34697 *43908
Alaska 78256
anatomy and physiology *78284
Colorado 52907
Italy *78258 *86077
Malaya 43931
Colletes 6741 34527
Colletotrichum 11930 *38768
Colletotrichum falcatum 38662 *47500
Colletotrichum fuscum 11928
Colletotrichum graminicolum 28835 28906 38712
Colletotrichum hibisci 89646
Colletotrichum lilii 476
Colletotrichum lindemuthianum 28930 *11856 *38709 *56525
Colletotrichum phomoides 38686 38772
Colletotrichum spinaciae 11912
Colletotrichum ×anthii 47476
Collinsonia 13680
Colloidal silver. See Collargol.
Colloids 8549 8919 9333 *7717 *17991 *36430 *61846
See also under soils.
Collops 93783
Collybia 19870 47336 72501
Collyria *61126 *89460
Colobasiastes *24943
Colobathristidae *24943
Colobognatha 16479
Colobopyga 43654
Cololejeunea *89403
Colombia Federación Nacional de Cafeteros *40324
Colombia Ministerio de Agricultura *27547 *80711
Colombo Plan for Cooperative Economic Development 27524 *9979
Colon dentipes *6454
Colon dubiosum *6454
Colonial Sugar Refining Co Sydney 95530
Colonization. See Land, settlement and colonization.
Color 56064 89202 89885 *43115 *77972
See also Chromatography; Pigments; and under specific subjects.
Color perception
insects *93307
Color set 56800 56801 56817 56895 57458
Colorado Agricultural Experiment Station 4054
reports 11321
Colorado Bankers Association Agricultural Committee 95608
Colorado Dept of Agriculture 55958
Colorado potato bettle. See Leptinotarsa decemlineata.
Colorado River Indian Reservation 46440
Colorado State Board of Forestry 22266
Colorado State Fair 80464
Colorado Wool Growers Association 26843
Colorimetric tests 24447 52188 54146 56979 58108 69794 *2577 *8343 *13790 *27132 *35234 *44681 *45221 *49428 *53678 *61964 *74929 *78727 *78728

Item

Colorimetry 62557 69550 *7466 *17719 *29459 *70003 *78739 *90171 *92492 *95525
Coloring. See Dyes; Pigments; Stain technology; and under specific subjects.
Colostrum 51084 *17884 *96160
cattle 15372 23187 62057 62069 78998 *23202 *76321
feed 4438 4485 *4516 *4530
goats 60349
swine 24232 *93224
Colotis fausta somalica 43765
Colotois pennaria 16693
Colotrechnus *6736
Colpocephalum 6910 17146
Colpotrochia *61126
Colters *61426
Colts. See Foals.
Columbia Basin Project 14088 49853 49893 58469 58477 74791 95688 *66504
Columbicola columbae 69039
Colura *89403
Comb and wattles 23768 33358 42643 76685 76841 93041 *33286 *42525 *51552 *67979 *84896
turkeys *15833
Combesius *16618
Combined Conference on Administrative and Scientific Aspects of Food in Civil Defense 86517
Combines 7122 25331 25335 34882 36337 44084 69247 86262 94319 94321 *1107 *7098 *8950 *25339 *29525 *34872 *44076 *44082 *44092 *44100 *44107 *45529 *46488 *61451 *69221 *69241 *78445 *78464 *78472 *78649 *79566 *86248 *86253 *86254 *86268 *86276 *86277 *86278 *86283
Austria *53091 *86259 *94323
cooperative use
Germany *78459
costs and returns 25322 69225 *78468
equipment *34877 *34895 *61460 *86266 *86284 *94316
Sweden *61461
U S S R *7125 *7130 *17189 *53071 *53090
Finland *17363 *78463
Germany *25326 *61462 *78440 *78446 *78451 *78468 *78473 *80085 *80100 *86271 *86275 *86281 *88281
Russian Zone *69232
Gt Brit 34879 69225 69231
history 69244
Italy *25315
labor *27354 *71332
maintenance and repair 44075 44093 44096
U S S R *25316 *25422 *86270
Netherlands *86255
Norway *44108
operation 7090 7111 25333 *69239 *94343
U S S R *9929 *25324
study and teaching *7108
Sweden *81938 *94340
Switzerland *69246
types
U S S R *7114 *7129
Union of South Africa 78373
U S S R 7118 7128 *7096 *7113 *7114 *7135 *9929 *9962 *20766 *25334 *25338 *29594 *34868 *34885

Item

Combines--Cont.
U S S R--cont.
*34887 *34888 *34890 *34900 *34903 *34904 *34907 *34909 *35026 *44083 *44087 *44104 *44110 *46184 *53079 *53083 *53094 *61457 *69248 *86260 *94308 *94332
Combretum 64192
Combs in apiculture. See Honeycombs.
Comega process *61954
Comibaena *17002
Comisión del Maiz (Mexico) *16225
Comité de Ganaderos del Valle *18498
Servicio Veterinario *15149
Comité des Industries Avicoles du Québec *45830
Comité Interamericano Permanente Antiacridiano *86026
Comité Nacional Lechero 35646
Comité Permanent Nord-Africain des Agrumes *70510
Commelina *11452
Commelina benghalensis 11917
Commercial Exchange of Philadelphia 72034
Commercial Soils Service 21633
Commissie ter Bevordering der Suiker-Bietenteelt in de Noordelijke Provincien *12864
Commissione per l'Incremento ed il Miglioramento della Coltivazione della Barbabietola da Zucchero *57386
Commodities. See Agricultural products; Raw materials; and names of commodities.
Commonwealth Bur of Pastures and Field Crops 749
Commonwealth Institute of Biological Control 60542
Commonwealth Mycological Institute 72777 81139
Communication 72018
Communism 10452 10931 19460 27494 55692 *10164
Bulgaria *10340
China 19390 27816 63610 *71700 *80252
France 55645
Germany
Russian Zone *80252
U S S R 63735 71692 *10295 *63345 *63365
Communities 10604 10668 19376 27911 63823 80593 88724 88785
Brazil *37765
Canada 19298
centers 10602 46615 *55665
cooperatives 80430 80438
France *63683
Gt Brit 46692 88720
group activities 10737 28038 37758 37761 37870 46611 63687 63688 80440
Alabama 95938
Florida 10595
Georgia 95940
Illinois 7479
India 71782 80443 88402
Ireland 25576
Nigeria 37751
organization 88723
Philippines 10915 46610
planning 10601 30376 37752 37764 46621 55617 80437 80439
Georgia 95941
Malaya 37642

*Text of this reference is not in English.

Item

Communities--Cont.
programs 71781 95942
services 37885 63682
surveys 71774
Ireland 46614
Maine 19299
Michigan 10603
Puerto Rico 37760
West Virginia 95943
Switzerland *27435
Tennessee 95945
See also Villages; and subheads community; school and community under Forests; Gardens and gardening; Hospitals; Pastures.
Community Garden League of Greater Montreal 65544
Compagnie des Entrepôts et Gares Frigorifiques *25736
Compania Bananera de Costa Rica 70673 *87315
Comperiella bifasciata 34448
Complement fixation 4006
4969 32925 33061 41874
41875 51442 59709 59748
68261 *4660 *15203 *23035
*32783 *32916 *41824 *41847
*42195 *84356 *92731
Compositae *38415 *56190
anatomy and physiology 81574 *47781 *48049 *89806
South America 11455 *89288
Syria *47275
Composts 14256 14306
14315 21999 22063 22073
22715 31297 31317 40769
40962 40969 40977 40983
40987 50007 50055 58545
66198 66263 66599 66734
74952 74959 83176 83178
83180 83184 *2804 *14311
*14312 *21784 *22053 *22066
*22069 *31319 *40952 *40986
*40989 *58547 *91536
analysis and composition 22072
Argentina *3172
chemistry 3158 31301
effects on plants *31316
*66371
effects on soils *30867
France *31288
Germany *22058 *50073
Gt Brit 66739
India 3153 91533 91534
Israel *66728
microorganisms *66747
Netherlands *14321 *31310
*40974
preparation 3164 3169
3171 14320 22056 31312
31318 40956 40964 40987
50057 50061 66735 66748
74957 83169 83171 83181
86449 91547 *3159 *3160
*3172 *14309 *14310 *22052
*22061 *22065 *31289 *31294
*31303 *31308 *50065 *58592
*58604 *58605 *66722 *66727
*66741 *66747 *82720 *83173
*91543
Belgium *40961
equipment *34862 *53317
*53318
Kenya 3168
North Africa *3154
Union of South Africa *3170
U S S R *40970 *58601
*91545
utilization 31304 *66727
See also subheads as fertilizer; fertilizers under specific subjects.
Compound A42. See Arsenomethane As-1,2 disulfide.
Compound 22008 *77913

Item

Compsagis n g *61264
Compseuta *24923
Compsobracon *16889
Compsocerus *34218
Compsochlaenius *77660
Compsosilpha n g *6874
Compulsory deliveries. See under Markets and marketing; and names of products.
Conarthrosoma n g *68715
Conarthrus *68715
Concentrated Activated Diesel Emulsion 82724
Concorso Enologico Piemontese-Ligure *7725
Concrete 35117 35122 35131
44307 61603 61635 78578
78590 78593 94465 94471
*41136 *53304 *67125 *75168
*94423
blocks 31100
utilization 66488 78653
*41465
Condamy A *90011
Condiments 7848 25775
68789
See also spices; and names of condiments.
Confagricoltura *88865
Confectionery 19579 45426
46967 61812 87348
ingredients 8027 25709
26923 35706 62928 71129
79356 86901
manufacture 8835 *8911
pests *68969
Confederacão Rural Brasileira *46849
Confederación de Asociaciones Rurales de Buenos Aires y La Pampa 96042
Confederación de Sociedades de Crédito Agrícola y Ganadero de la República Mexicana *27271
Confederation des Producteurs et des Industriels de Roquefort *94710
Confédération Européenne de l'Agriculture *10863 *19417
*19457 *28058 *28091 *46773
*55745
Confédération Nationale de la Famille Rurale *46802
Conférence Européenne du Tabac *36981
Conférence Forestière Interafricaine d'Abidjan *75004
*83215
Conference of Production Credit Corporation Presidents 37098
Conference on Agricultural Services to Foreign Areas 64067
Conference on Research 95227
Conference on Rural Reading 19381 37896 55728
Conference on World Land Tenure Problems 27798
46535
Conferences and congresses 10818 55272 71456
Argentina *71365 *71788
Australia 88307
Belgium *10030
Brazil *19057 *19316 *88337
*88347 *88909
Canada 37357 46303 63367
63812 71483
Chile *19050
Colombia *37441
Ecuador *37279 *46207
Europe *19457 *28091
France *71374
Germany *10186
Russian Zone *55157

Item

Conferences and congresses --Cont.
Inter-American *19691
*38268 *38269
International 8458
28346 64070 80171 88434
88875 *11289 *13001 *19417
*28343 *37141 *37329 *37362
*38266 *46566 *56080 *72220
*95704
Finland *28368
Mexico *11155
Netherlands *29029
Italy *40915 *55282 *88333
Kansas 80174
Montana 96074
Spain *10020
Sweden *71459
Texas 88428
U S S R *9999 *27658 *89080
Uruguay *71953
See also names of conferences; and under specific subjects.
Congrès du Froid Tropical *44559 *78825
Congrès National de la Culture en Bon Père de Famille *19136
Congrès National de Laitérie *35614
Congrès Pomologique de France *57448
Congreso Agrario Nacional (Colombia) *37441
Congreso Nacional de Químicos Azucareros *18760
Congreso Sudamericano de Investigadores en Materias *48207
Congreso Sudamericano de Química *80712
Congresso di Studi di Tecnica ed Economia Tessile *8462
Conicobruchus n g *52420
Coniferae 1983 40051
87892 *3693 *29479 *31513
*73943 *91013
anatomy and physiology 12187 29072 *23095 *29263
*81582
Belgium *28554
California 40025
culture 60827
cytology 47808 *64623
diseases 11893 56537
*11894 *56428 *89596
Argentina *11761 *47479
France *2121
Germany *31481
injuries 39095 *56428
Japan *3302 *89316
needles *83800
New Zealand 83397
pests 14635 34441 *16862
*77664 *77960 *77984
U S S R *33852
planting 3446 50327 *14611
propagation *14613 *30354
*83422
pruning *22313
Rocky Mountain Region 39139
seeds 22345 22347 83397
*14607 *14611 *33852 *83411
*83415
South Africa 3634
Sweden 2658 *58758
U S S R *28470 *31739
*38854 *50174 *50653
varieties 22221
weed control 13547
Wisconsin 3424
wood 41459 59143 *22743
*92021
Coniophora cerbella *58969
Coniophora puteana 28831
Coniopteryx 61294 94193

Item

Coniothyrium 72464 *47348
Coniothyrium diplodiella *28908
Conistra alicia *85984
Conium maculatum *60820
Conjunctivitis 42650 68074
*19327 *84917 *92853 *93156
sheep *5680 *93156
Conmachaerota *16843
Connarus 11455 *89303
Connecticut Agricultural Experiment Station Tobacco Laboratory 90493
Connecticut (Storrs) Agricultural Experiment Station 15920 80825
Connecticut Arboretum 80860
Connecticut Dairymen's Association 86837
Connecticut Nutrition Council 19518 48696
Connecticut Pomological Society 48696
Connecticut Tree Expert Law 31467
Connecticut Vegetable Grower's Association 40168
Connecticut Wholesale Milk Producers' Council 26036
Conocarpus lancifolius 47245
Conocephalus *17117
Conomorpha *72372
Conophytum 56254 72432
82457 89370
Conopidae 77880 *43487
Conopodium denudatum *80987
Conorhynchus luigionii *68650
Conostethus frisicus *85880
Conotrachelus 60835
Conotrachelus nenuphar 16662
16663 34228 34230 60813
control 6430 6446 34227
34247 52494 60877 68703
77688 77730 77771 77788
93754
Virginia 93743
Conotyla 6352
Conotylidae 6352
Consejo Nacional de Leches de Colombia *53731
Conselho de Agricultura da Madeira *55708
Conservation. See Agricultural Conservation Program; Conservation farming; Soil conservation; Water conservation; and under specific subjects.
Conservation farming 3055
3092 3093 14203 14145
14196 27619 40854 40870
46398 49949 63538 63539
71545 71609 78328 80280
83067 91257 95793
Arizona 14241
Australia 80013
Georgia 95805
Iowa 31192
Kentucky 21946
Mississippi 37474
Nebraska 13842
New Jersey 40893
New Mexico 10286 88470
Oklahoma 14234
Oregon 14149
Southern States 58498
study and teaching 3014
37533
Union of South Africa 14239
80294
Venezuela *10343
Wisconsin 27600
See also Contouring; Strip cropping; Terracing.
Consolidated Badger Cooperative 46779

*Text of this reference is not in English.

Item

Consorzio Nazionale per il Credito Agrario di Miglioramento *9799
Constantia *16939
Constipation
horses *42480
Construction. See under specific subjects.
Consumers 35253 44429 44463
Canada 94527
education and training 7482 17593 18245 18246 18247 18248 26500 45656 45877 55900 61730 61747 61763 61765 61782 70557 79863
Germany *78796
preferences 44433 44435 44436 44465 61726 86573
See also Cooperative organizations, consumers; and subhead consumer preferences under specific subjects.
Consumers Cooperative Association 63815
Consumption 44434 44437 44440 44445 44463 63378 *25619
See also under specific subjects.
Contagious agalactia *5685 *5701 *33608
Contagious ecthyma 5658 33595 77000 *15996 *60365 *85115
Containers 3674 78710 *69643 *78794
aluminum foil *18822
cellophane 36246 36247
fiber and fiberboard 3674 8154 22635 32056 33909 61951 95090
film 26563
glass 69652 69712 78787 78788 78793 86613 *8159 *35314 *70150 *70154
grading and standardization 54547 *44530 *53497 *62158
Canada 8798
insectproofing 33909
metal 35319 36242 44525 44529 44531 69641 69650 69652 78820 79113 *7827 *26233 *35316 *69639 *69642 *70924
mold prevention 69633
paper and paperboard 17640 22658 35312 36249 53493 58572 61811 62294 69634 75573 83598 86609 87028 87031 94821 *8153 *8159 *14884 *45991 *70150 *70154
parchment *87029
plastic 8789 70608 70862 78789 95093 *70157
self-heating *53494
sterilization 26557
waxing 69651 87031 *69648
wood 14885 22632 32060 41500 59046 59047 67149 67150 70609 83595–83597 *7779 *32058 *32059 *50179 *92086
costs and returns 32057 *41498
preservation *32061
properties *22633 *22634
See also kinds of containers; and under specific subjects.
Contarinia chrysanthemi 77826
Contarinia hyperici 34304
Contarinia nasturtii *16680
Contarinia pyrivora 93858 *34317 *77818

Item

Contarinia tritici 16670 60952
Contests 19054 37758 71578 *19359
Canada 10278 *88808
See also under specific subjects.
Contouring 2882, 2897 3028 21976 40868 50001 74835 *14158 *14163 *21463 *21931 *21932 *40886 *40888 *49954 *91100
Australia 66592
Canada 40904
equipment 74868
India 14177
Massachusetts 66660
Philippines 14195
Texas 74860
U S S R *25233
Controle C L O Mengvoeders *62291
Convallaria 38911
Convallaria majalis 20119 *21202 *40969 *65728 *89531
Convegno delle Sementi *47153
Convegno Nazionale del Cuoio *95228
Convención de Agricultores Literal *37279
Conveyers 7011 7017 17287 25191 25211 25373 43979 43996 86124 86156 86330 *7016 *25212 *52960 *69115 *86180
U S S R *34773 *52943 *61359 *86172
Convolvulaceae *81011
Convolvulus 2337
Convolvulus arvensis 40265 49241 82558 82580 *19828
Convolvulus major 47242
Convulsions. See also Tremor.
Conwentzia 61294
Conwentzia pineticola 25119
Conzatti C *80749 *80771
Cook O F 28474
Cookery 47082 55900 56055 56074 80644 96117 *69679
effects on nutritive value 8913 9134 11147 28230 28231 87749
large quantity 55899
meal planning 11021 17689 47077 47091 55886 55902 56051 56056
recipes 11035 11068 28156 28165 28166 28168 28170 28201 38067 38078 38101 46967 47077 55894 55898 55899 56061 80662 80665 80675 89137 *63891
See also under 4-H Clubs.
Cooling towers 67083
Cooperatieve Dorpsvereniging "Ruurlo" *88856
Coöperatieve Melkcentrale *8037
Cooperation 55254 71942 *80164 *86784 *88355
Alabama 27604
Florida 10595 71932
Germany *27751 *93191
Gt Brit 46837
inter-American 11292 80805
international 19507 27999 28000 37850 *4034 *19448 *27204 *38034 *64065 *71367 *88898
Missouri 5418
Tunisia *80157
Cooperativa Agrícola "Ministro le Breton" *96043
Cooperativa Algodonera Salvadoreña *35949

Item

Coopérative des Semences de Tunisie *9636 *36882
Co-operative Federation of Western Australia 88857
Cooperative Forest Management Act of 1950 14409
Cooperative Grange League Federation Exchange 10860 18049 37927 50034 63782
Cooperative organizations 10241 10866 10874 10897 10909 10970 17630 19410 19421 19441 19451 28057 37921 37927 37954 37956 37996 44399 46755 46776 46779 46790 46796 46815 46833 46884 55192 55749 55751 55752 55792 63779 63785 63792 63801 63823 71931 71934 71936 71949 71958 71961 71977 80546 80560 80581 88843 88858 88872 96045 96051 96072 *9763 *10872 *10877 *10918 *19402 *19405 *28074 *37943 *37953 *37984 *55758 *55773 *55787 *55791 *63807 *63493 *71940 *71946 *71995 *71999 *80589 *88845 *88853–88855 *88864 *88894 *88899 *96035
accounting 37567 46791 63815 *28098
Brazil *28051
Japan 10873
Netherlands *63556 *71617
activities 80567
Africa *37922
Alabama 10891 46814
almonds 26503
Argentina *19431 *28068 *71933 *96043
artificial insemination *50656 *59147
Asia *37922 *46832
Australia 28106
Austria *55766 *55788 *63818 *71930 *71959 *71968 *71996 *88849 *88905 *96066
bacon 70846
Balearic Islands *55777
banking 46128 *46117 *95619
Barbados 80552
beets 45353
Belgium *10881 *72005
bibliographies 46890 55799
Brazil *10848 *10907 *19439 *28051 *28054 *28077 *28082 *36626 *37964 *37991 *63803 *71970 *88910
British Commonwealth 37933
building *69411
Bulgaria *10340
cacao 94675
Canada 10861 10906 10911 19445 37937 37958 37983 46821 55784 80578 *10851 *28085
Newfoundland 71979 80576 96063
Nova Scotia *71944
Saskatchewan 37936
carobs 26528
cattle
Netherlands *51290
cattle breeding 23162 76121 92478
citrus 36185 45374 79380 *70578
Algeria *45347
California 36209
Florida 18274 36191 62519 62529 70570
communities 80430 80438
conferences and congresses 10917 19416 28100 46753 46866 *46785

Item

Cooperative organizations --Cont
conferences and congresses --cont.
Australia 88857
France *55755 *55779
India 88874 95801
Spain *19449
consumers 10845 10868 18128 46803 55771 55805 63800 80545 88840 *10899 *37952
California 96047
Canada 19445
Europe 7512 10970
Finland 63799
France *71935
Germany *10884
Minnesota 19432
Mississippi 96052
Switzerland *80588
Union of South Africa 71943
Washington 88841
corn *18370
cotton 8590 45160 54077
Brazil *8420
El Salvador *35949
North Carolina 18128
cotton ginning 45129 45130 54093 62441
cranberries 18254 26508
credit 9805 9838 18873 71237 80030 88178 88185 95611 *37103
Germany *9835
Italy *71249
Puerto Rico *46084
credit agencies 18876 27272 27276 55020 55033 63246 *9818 *63807 *63247
Brazil *9797
Canada 63239 *37077
Europe 37108
Finland 9828 88195
France *63237
Germany *27286 *46088 *46095 *80048 *95615 *95626
India 71245
Mexico *63251 *63256
Netherlands *95607
North Africa *27269
Pakistan 71228
Puerto Rico *46109 *46110
Siam 27287
Spain *27282
Sweden *55023
Cyprus 28080 28084 72013 88859 96034
Czechoslovakia *63795 *71964
dairy industry 8045 8046 8047 8074 17904 17914 17922 17994 25903 26043 26044 26049 26050 26054 35619 35714 35716 35721 44751 44851 44852 44860 44862 44864 44871 44877 44882 44883 69889 70042 70049 70095 79078 86948 *8056
Argentina *35720
Austria *35742 *94778
Brazil *53901 *62168
Canada *8061 *44870 *62106
Colombia *86961
Denmark 17921 *4801 *26060 *79120
France *8216 *35712 *53831
Germany *8063 *44855 *69966 *70080 *70089 *70094 *79075 *86947 *86957 *86968
India 8064 26031 26062
Indiana 44848
Ireland 35713
Italy *8067

*Text of this reference is not in English.

Item

Cooperative organizations --Cont.
dairy industry--cont.
Michigan 26055 26056
Netherlands *8037 *86974
New England 26032 62127
New York 8043 53808
New Zealand 35252 94784
Norway *17915 *70077
Spain *17919 *26041 *26833
Sweden *4801
Switzerland *86944
Texas 70092
Denmark 10869 10912
10920 46840 71965 88869
96050 *10916 *19408 *28087
*55778 *70568 *71993 *95967
directories 19435 19454
37928 46760 55764 80587
88840
eggs 9565 18709 63015
79868 87977
New Jersey 27018
Northeastern States 54764
Sweden *79871
electricity 7394 17523
25540 25550 35152 35165
35172 44338 44340 44343
44347 44349 44350 44352
44354 53330 94479 94483
New Hampshire 35170
Wisconsin 35151
equipment *69082
Austria *78371
Brazil *69077
Cyprus 44001
Denmark *34746
Europe *25242
France *74747
Germany 25243 *34746
*69097
Gt Brit 44013
Ireland 25195
Netherlands 25241 25246
Europe 10931
*71971 *72000
farm woodlands 41161
farming 27596 27597
27668 27677 80257 80276
80306 *19112 *63493 *95787
Arizona 37456
Bulgaria *80380
Canada 10242
Gt Brit 95812
India 10253 10256 19138
71528 95801 95819
Israel 10325
Kenya 88465
Paraguay 55395
Pennsylvania 80310
Spain *71526
Yugoslavia 71572 *82057
*88298 *88502
feed 26298
fertilizers 3151 40929
40934 44751 50033 50034
50039 91526 *58581
Fiji 55759
finance 10860 19414 37934
37940 37951 44883 46750
46767 46788 46792 46808
46810 55742 55805 63790
88861 80906
California 37935
France *10850
Germany *80583
Ireland 88911
Japan 10873
Union of South Africa
71943 *72008
Finland 19442
flowers *18277
forestry 50225 66900
66909 *66807
France *10901 *28075
*37980 *46859 *71947 *71988
*88862

Item

Cooperative organizations --Cont.
fruit 8683 45325 45329
45336 54244 54252 54253
79417 *8739 *54305
Austria *70569
Belgium *18277
California 45349 54254
62512 87416
Germany *36197 *46835
*55790 *87380
Gt Brit 36203
India 26524
furs
Germany *26831
Germany *10884 *10889
*10895 *28104 *37962 *46835
*55790 *71998 *72012 *80477
*80551 *80586 *88891 *96038
*96039 *96056 *96067
Gold Coast 28071
grain 8988 9009 9018
9022 18459 45507 45512
45583 45585 87642
Canada 9053
elevators 19435 36341
87590
France *54444 *54445
Illinois 9133 55742
Iowa 36353
storage *54510
grass drying 67267
Gt Brit 10857 28048 37924
68322 88916 *71960 *88886
history 37995 *71956 *71957
*80571 *80582
Brazil *88884
Netherlands *37919
honey 18486
Iceland *96053
Illinois 55742
India 10890 10927 19288
19433 28095 28097 37971
46604 46816 63685 63783
63784 63814 71201 71782
71963 71973 71981 72001
72004 80579 96048 96059
Indiana 55785 80562
insurance *71268
international *46869
Iowa 46759
Ireland 88912
irrigation *74712
India 2956 91441
Israel 28067
Italy *19400 *37981 *44766
*55748 *63465 *63791 *71519
*88844 *94671
Jamaica 37920
Japan 19452 80242
*80566 *87684
Kenya 88878 96060
land settlement 95885 95894
*46799 *63247 *71663 *88615
leadership 71941
legal aspects 46778 46813
46817
legislation 19423 28052
46830 88919 *28094 *71985
lima beans
California 26505
livestock 18545 45665
45668 54619 70829 70830
*83717
Austria *54635 *95285
Canada 18544
Germany *36576
Midwestern States 45670
Spain 26833
locker plants 18698 25657
*7617 *86672
management 10886 10892
10905 19413 19425 37941
44862 45130 46754 46765
46801 46807 46810 46827
46830 46831 46841 46844
46862 46868 46880 46882
46888 55809 61660 63789

Item

Cooperative organizations --Cont.
management--cont.
71954 72011 80549 80561
80565 88868 88879 94473
96032
Argentina *28086
Austria *55789
Canada 63811
Germany *55803
Italy *71983
Mississippi 96052
marketing 25639 44456
44460 44474 44480 44485
53461 69590 *10899 *44475
*69581 *69586 *86562
Brazil *17603 *61739
Canada 19445
Cyprus 69594
Europe 7512
France *7511 *25651
*53457 *61776
Germany *44462 *61752
Norway *35267
Pakistan 78754
Sweden *69580
Maryland 10910
meat *70825 *70843
membership 10885 10933
44851 44871 46611 46756
46787 46807 46809 46811
46819 46878 46900
Mexico 28062
Minnesota 19456 28078
Mozambique *28090
Netherlands 46877 63423
71951 *10847 *19434 *28093
*36179 *71978 *80590 *83160
*88856
New York 63782
New Zealand 10879 *27244
Nigeria 28072
North Africa *19440
Norway 37968 *80577
Ohio 37944
Oklahoma 46800 63794
oranges 26519
Pakistan 10887 37986
peaches 36177 45331
pears 54279
personnel 19413
petroleum 7234 17421
17422 17423 44199 44201
44207 53199
Philippines 10915 63820
plowing *46135
plums *70580
Poland *63819
policies and programs 19430
37946 46763 46764 46804
46812 46823 46870 88850
88851
Brazil *10859 *63802
India 88903 96046 96065
Portugal *17625
potatoes 8701 18255
36190 70571 87311
poultry 9564 18709 45842
45873 45879 63015 71052
79867 87927 87936 87963
87977
Brazil *71574
California 36816 63008
87964
France *54799
North Carolina 62994
slaughtering *76858
Spain *9523
poultry hatching 45888
processing
Italy *53542 *94610
public relations 19407
19426 44860 46749 46769
46770 46781 46807 46843
46844 46858 46885 46887
46900 55744 55801 71945
80563 *46825 *71994

Item

Cooperative organizations --Cont.
Puerto Rico 27283
*17806 *46852 *46856
rabbits 5548
research 44480 46797
46863
rice 36349
seeds 57027
Belgium *63077
France *27078
Netherlands *27078 *36858
Spain *18741
Tunisia *9636 *36882
sheep 18541 24198 26843
silk spinning *70387
Singapore 37987
situation and outlook 10856
19411 19415 19422 19458
37950 46761 46762 46782
46822 46824 46875 46881
55753 88880 96054 *37925
*37938 *46747 *46793 *46794
Ceylon 46774
India 63798 88889
Italy *71972
Yugoslavia *88876
soil conservation 31185
Southern States 10923
63775 88913
Spain *10902 *19424 *46799
*46842 *63808 *88867 *88900
*88908
statistics 19420 19443
28089 *37998 *46783
study and teaching 19427
28056 38001 44347 46680
46752 46757 46768 46777
46795 46818 46827 46839
46845 46848 46850 46851
46864 46883 46888 46892
46893 46895 46896 46898
Georgia 46806
Netherlands *51290
Tennessee 63796
Union of South Africa
*72008
sugar
Australia 9674 18782
sugar beets 27146
Sweden 28073 88869
*10864 *72009 *96064
Switzerland *37952 *55802
*80553
taxation 9878 9889 18917
26269 27348 37153 37154
37175 46151 46159 46160
46168 46173 55068 55078
55081 71277 71297 *71999
Colorado 55070
France *27322
Germany *71295 *95654
Hawaii 71298
telephones 25567
Texas 37969 88871
tobacco 18815 54927
Tunisia *14192 *37931
*46857
turkeys 9571 18674
Union of South Africa 19438
63776 *26356 *71268 *71974
vegetables 45336 54244
62513 *8739
Austria *70569
Belgium *18277
California 45349
Germany *36197
Gt Brit 36203
India 26524
Utah 45334
Virginia 87311
walnuts 87389
warehouses 44553
*17686 *25737
Washington 88921
wheat 36397 45549 *87572
wine *7841 *61909 *69831
*78939 *86738 *94690

*Text of this reference is not in English.

Item

Cooperative organizations --Cont.
women 46784 46786
wool 8423 8464 45257 *18172
Canada 79298
Spain *8440 *18164 *62345
Union of South Africa 8514 8567 26355
Western States 45148
youth 10914 46758 46772 46775 46784 46826 46828
Yugoslavia 19395 19396 96058 *19409 *88846 *88848 *88881 *88883 *88892 *88893 *88895 *88920
Copal 50577 *5898
Copelatus *77714 *77715 *85639
Copernicia cerifera *56202
Cophogryllus *25091
Cophoscottia n g *25091
Copidognathus 34194 *6399
Copium *93947
Copper
determination 21537 41627 63058 79006 *59085
effects on insects 16734
effects on plants 964 12342 48040 64805 73232 *48028 *64856
fertilizers 66692 *22016
Germany *66688
fungicide 11890 20042 28966 38644 38682 38692 38755 47538 81248 89604 *524 *11751 *11935 *28836 *56526 *64413 *64836 *72785 *81254 *89601
in animal nutrition 5778 41712 41730
in animal physiology 75833 *15436 *90146
in cattle nutrition 4460 62108 51105 84272 84322 *42245
in dairy products 62071 *70146 *70147
in food *7462 *44415
in plant nutrition 22013 41730 *90055
in plants 12503 12562 56854 69544 90151 *15436 *30749 *90149
in poultry nutrition *23797
in sheep nutrition 5645 33557 42108 42966 51105 51805 51809 60336 68223 76977 84272 85101
in soils 49436 49492 58560 *21515 *30749 *40443
residues 44696
toxicity
sheep 5655 42962 51823 85101
Copper naphthenate 31972 41431 50472 *14803
Copper pentachlorophenate 14798
Copper sulfate *53023
effects on plants 90114 *56819 *64732
fungicides *405 *11779 *28915 *81284
herbicide 30609
therapeutic use 16000
Copra 26941 36738 62606 70567
Ceylon 36694
effects on plants 64796
Mozambique 8623
New Guinea 36709
Papua 36709
Philippines 18213
prices *9485
processing 26930 62606 62904 95349

Item

Copra meal 23874 60088
Copra oil *95351
Coprinus 56343 81087 *28710 *81703
Copris hispanus *77738 *85656
Coprogen 47517
Coprolites 3136
Coprophagy 33520 *85029
Coptis japonica *12549 *81590
Coptocephala küsteri *77703
Coptostethus 52460
Cora *633
Coramine 43260
Coranus 43675 *85870
Coranus subapterus 16846 85881
Corazol *32982
Corchorus *80957
Corchorus olitorius oil 18730
Corcyra cephalonica 34622
Cordage 8455 26349 79301 *26393 *70474
Cordia 38448 *11450
Cordia macrostachya 6503
Cordoba Universidad
Facultad de Veterinaria
Pabellón de Industrias Lácteas *87088
Cordulegaster boltoni 52031
Corduliidae 86079
Cordulinae 17179
Cordylobia anthropophaga 24800
Cordyluridae. See Scopeumatidae.
Core stock. See subhead manufacture under Plywood; Veneer.
Coreidae 24976
Coreopsis 89364
Corey M V 12764
Coriander. See Coriandrum.
Coriandrum *40347 *48006 *49362 *91106
Coriandrum sativum 89916
Coridophora n g *85773
Coriococcus *77968
Coriolus versicolor *78
Coriomeris alpinus *77990
Corixidae 61036 61077 61091 85864 *6645 *93964
Cork 22702 50596 75678
chemistry 41626 67219 *41579
consumption *32133 *67196
France *92140
Italy *41603
Portugal 59104 92132 *3772 *67196
products *67194 *92133
properties *83649
statistics *14978 *22701
trade *22711
Australia *83652
Portugal *32129 *67190
utilization *32146
Cork oak. See Quercus suber.
Corkboard *32131
Corn 1200 12637 12681 26665 58498 73466 *12593 *48265 *54502 *64980 *74591
abnormalities *89947
acreage and area 8995 18377 18416
analysis and composition 54429 54437 54491 *9115 *54453
anatomy and physiology 882 936 973 977 979 12109 12323 12367 12388 12439 12451 12458 12477 12480 20330 20399 29078 29100 29226 29250 29284 29354 29371 29380 39002 39163 47734 47988 48059 56890 68971 73138 73239 73261 81411 81525

Item

Corn--Cont.
anatomy and physiology --cont.
81544 81655 81736 89920 89937 90110 91341 *12269 *12496 *20413 *38904 *48024 *56768 *64720 *64765 *64791 *72981 *90067
bibliographies 21267
biochemistry 12387 12478 20456 39235 81768 *64816 *90156
Brazil *87634
breeding 1266 1269 12122 12194 20585 20602 29181 29561 29571 39355 39405 48273 64967 65031 73399 73419 73420 73423 73450 73459 73460 78212 81544 81838 81844 *12191 *12603 *12639 *12641 *20571 29553 *39335 *54453 *81505
Angola *65034
Chile *29528
Mexico 81517 *20532 *73406
Oklahoma 65828
Union of South Africa 73451
Venezuela *49193
California 65842 74716
Canada *12676
canned 36284 54230 62608 87479 *62645
conferences and congresses *12602 *18370 *73441
consumer preferences 36262 54241
costs and returns 71632 *10383
Guatemala *39313
Kentucky 10372
New York 18416 55471
Union of South Africa 10402 55134
Western States 95851
Cuba *26727
culture 1137 29494 29583 29618 48268 48281 48286 48300 48336 57036 57043 57051 57068 57094 65814 73387 81855 82926 90921 91354 *1267 *12662 *12609 *12617 *20589 *48317 *57062 *57127 *57134 *65012
Africa *1225
Argentina *29612
Austria *29538 *65196 *73444
Belgium 39320 *57133 *65026
Denmark *48290
Egypt *12671
El Salvador *90262
France *12604 *12665 *29546 *29565 *29604 *29631 *48250 *48259 *48295 *48333 *57050 *57099 *64954 *64965 *64971 *64988 *65007 *65028
French Colonies *12586
Germany *65030 *90267
Guatemala *39313 *39385
Indonesia 90265
Iowa 57069
Israel *1173 *12627
Italy *30849 *48271 *57128 *64984
Kentucky 10372
Maryland 57141
Mississippi 29573
Montana 48303
Netherlands *12589 *48253 *64959 *73389
North Africa *12640
South Dakota 73418
Spain *12622
Switzerland *39323 *48315
Texas 73453

Item

Corn--Cont.
culture--cont.
U S S R *1264 *12723 *29586 *90913
Western States 95851
Yugoslavia *90278
cytology 20180 72987
diseases 28932 38756 38803 56406 56533 56566 64453 64458 64476 72695 72721 72780 81323 *371 *11792 *11793 *11830 *12024 *19968 *64431 *64435 *81273 *89703
control 440 72698
Florida 11919 56621
French Equatorial Africa *47572
Illinois 72803
Iowa 64385
Ivory Coast *64470
Madagascar *11628
Mexico *11861
Nigeria 56456
Philippines 12020
prevention 64324
resistance 11847 47527 64501 72615 89610 89615 *11907
transmission 12022 56407 *11987
Tropical Africa *11680
Venezuela *20038
drying 9038 9141 18440 54499 62301 95205 *8984 *17333 *54530 *62708
equipment 7148 7153 53107 61469 86295 *78492
France *54536
Netherlands *36385
equipment 18416 86163 *94293
feed 3870 3954 15101 16075 23188 23875 24251 24271 26289 32241 32247 32250 32274 33701 45614 51137 60098 67285 68228 76172 76178 76730 76736 85081 85197 93229 *4475 *5151 *5762 *15093 *18370 *24252 *60423 *85086 *92211
substitutes *3947
fertilizers 1154 2702 2735 14003 14007 30921 30962 30963 31015 31029 40632 40636 40736 40739 40745 48260 49558 49559 49564 49567 49590 49612 49713 49798 58251 58278 58323 58324 58336 58340 61440 66396 74600 74607 74641 85868 *40496 *49779 *58249 *91352
Arkansas 12630
El Salvador *58316
Florida 74569
Georgia 13908
Gt Brit 48262
Illinois 30989
Nebraska 30983
Texas 58271 74560
U S S R *40662
West Virginia 12597
Florida 26457 40252
for processing 40153 49128 55471 62496 62584 79531
forage plant *1267 12666
Austria *65196
France *65064 *65081 *65095 *65192
Gt Brit 1439
U S S R *90322 *90422
France *12662 *18380 *73411
freezing 79515 87508
French Indochina *12618 *12646 *12664

*Text of this reference is not in English.

Item

Corn--Cont.
genetics 12225 20195 20203 20205 20215 20238 20240 29143 29182 38992 47850 56728 56738 56751 73040 73064 73081 73249 81461 81466 81479 81484 81489 81493 81501 81504 81513 *12192 *20212 *47810 *47822 *47832 *64685 U S S R *38985
germination 20570 29287 56404 *90251
grading and standardization 18410 54540 *18391
Gt Brit 29226 80295
harvesting 20564 29614
Austria *57123
equipment 7095 7099 7134 17365 25331 53089 69245 78456 78457 86264 94329 *17333 *44102 *53076
Netherlands *25320 *25329
U S S R 7120 *34906
France *29597 *73405
Gt Brit 7134 49126
Illinois 30399
Netherlands *1221
history 12680 12681 57072 71632 81489 90268 *9054 *12621 *29499 *65042
Hungary *12678
hybrids 1219 11847 12645 20587 29526 29536 29574 29613 30963 39378 48287 48335 57121 65011 65894 73386 73402 73429 81525 81859 *1174 *1177 *20552 *20605 *29537 *29549 *29615 *38963 *39330 *39345 *39360 *48261 *48269 *48341 *51537 *57079 *58249 *73409 *73431 *81847 *81856 *90255
Alabama 73407
Arkansas 12685
Australia 1199
Austria *57055 *57056 *57082
biochemistry 56971
Bombay State 1158
Brazil *81852
Chile *1180 *12620
Columbia Basin 57111
Connecticut 30427
diseases 38611
Europe 48328
France *12667 *29550 *29589 *48296 *48322 *64975 *64981 *64994 *73404 *81836
Georgia 29558
Germany *65029 *81883
Gt Brit 48262
Illinois 29606
India 1245 12635
Indiana 39374
Italy *1152 *1235 *1276 *29560 *57106 *57119 *57148 *65006 *65036 *81877 *90249
Maine 49128
Maryland 29598
Mexico *1270 *12682 *29633
Michigan 57132
Minnesota 48319
Mississippi 2235 57107
Missouri 73468
Morocco *20551 *73391 *73413
Netherlands 90222
New Jersey 39390
North Africa 90231
North Dakota 57151
Oregon 57076
Portugal *1232 *65025
seeds 27079 90285
Southeastern States 1262

Item

Corn--Cont.
hybrids--cont.
Spain *90233
Sweden *57083
Texas 29541 39359 39363
Union of South Africa 29569 48294 *29584
U S S R *1204 *48313 *57091 *73441
Virginia 12649
West Virginia 12597 12598 57110
Wyoming 1236
yields 29605 64990 73468
icing 8883 36262 45422 45424 70586 70587
Illinois 57085
Indiana 81858
industry *18426 *26635
Pacific Coast 8945
Union of South Africa 62755 70763
injuries 81199 *11714 *28739
Iowa 31192
irrigation 29354 58399 58493 66396 *14082 *21876 *91440
Italy *12612
marketing 36262 62552
Brazil *26327
Gt Brit 8743
Hawaii 8703
Philippines 9109
Union of South Africa 62751
milling 26289 45545 62728 *18431
moisture 36342 36438 39075 54429
molds 54429 87581
Morocco *12626
Nebraska 10336
nutritive value 16075 28229 62301 63943
packing 62552 95091
pests 6428 16537 24733 34638 38756 43437 43753 43754 52840 68922 77705 78137 94058 94068 *16172 *16545 *47348 *72531
Alabama 52772 77698
control 6759 16652 16951 34388 34553 34580 43147 43571 43860 43862 52459 60930 61151 61185 61236 68437 68952 68993 77269 77734 86000 93756 94050 *68398
California 34554
Italy *52789
French Equatorial Africa *16230
Gt Brit 24817
Kenya 34252
Madagascar *16230
Maryland 78070
Mexico *5909 *16225 *16226 *16568 *24366
resistance 1269 12194 34437 78212 81838
planting 1154 1203 29532 39326 48260 57064 57145 73437 81862
Arkansas 12630
Iowa 20564
Philippines 20529
Texas 81833
U S S R *20569 *34866 *57098 *64992 *71327
pollination 12425 81862 *47943 *81627
Portugal *12659
prices 26656 45554 62854 *36252 *95750
processing 61471 87573 *8984 *18391 *18432 *62688

Item

Corn--Cont.
products 36435 87147 87673
proteins 2735 9143 20222 39405 40636 56971 56890 73322 81544 81768
quality 22874 26541 26653 32274 36438 62584 70590 *32139
regulation and inspection 18410 43238 95199
seeds 29599 *12585 *12660 *18370 *48304
certified 57085
France *57063
injuries 56404
Italy *1175
treatment 56443 64452 72694 *11854 *47554 *64732
situation and outlook *18364 *18370 *18387 *70749
France *18371
Germany *54524
soils 2735 21411 49704 58247 58341 *58229 *81669
Southern States 54077
spraying and dusting 34553 60538 *487 *11903 *38745
statistics 18377 26625 36680 54539 *45521
storage 54429 86447 95169 95205 *8984 *18412 *18453 *29614 *54489 *62688 *62708
Paraguay *9003 *18392 *25524 *53312
pests 5951 16222 16249 52815
Switzerland *12674
Tennessee 55425
tests 12598 62496
transportation 70586 70587
Union of South Africa 66669 81819
U S S R *20575
utilization 8970 9083 70735 *54502
industrial 54516 62681 95175
varieties 12651 12613 30478 40153 70590 79531 81461 *20544 *29612 *64985 *65015 *73451
Alabama 64952
Arkansas 39321
Brazil *65884
Connecticut 40204
Corn Belt 90220
France *48257 *64953
Georgia 29585
Guatemala *29564 *39315
Israel *12688
Italy *39337 *39360 *57148 *73431
Kansas 48264
Kentucky 1197
Mexico *64970
Mississippi 40157
Netherlands *73440
Oklahoma 57054
Texas 49135
U S S R *20581
waste *70737
weed control 13536 13610 13617 21367 21374 21378 21398 21404 21411 30495 30534 40305 43285 65937 65989 65999 74283 91000 *49258 *57917
South Carolina 13530
Union of South Africa 30402 90992
West Virginia 13640
yields 2718 29544 39328 40632 40722 48336 49735 58247 58493 64939 66350 73448 95186 *54457 *87548

Item

Corn--Cont.
yields--cont.
Georgia 20608
Iowa 57150 73452
Israel *91440
Italy *29531 *64979
Mexico *39330
Missouri 20603
Nebraska 29548
New York 18416
Ohio 29623
Oklahoma 29605
Texas 29591
U S S R *12660
West Virginia 12597 13640
Yugoslavia *12675
See also Popcorn; and under Silage.
Corn earworm. See Heliothis armigera.
Corn-hog ratio 62784
Corn leaf aphid. See Aphis maidis.
Corn meal 9060 68026 80665 89060
Corn oil 54429 73459
Corn pickers 86256 94311
Corn rootworm. See Diabrotica longicornis.
Corn sirup 18761 36932 54899 63124 79611 86528 94881
Corncobs 87682
feed 22864 32600 32650 42037 59575 76214
meal *5274
utilization 9101 26743 36322 95178 *26751 *70737
vitamins 63938
Corncribs 7360 25521 25522 86447 86448 *69456
Cornell Nutrition Conference for Feed Manufacturers 22784 70306
Cornell Rural School Leaflet 88802
Cornell University 10637 27362
Dept of Agricultural Economics 71872
Cornstalks 19580 22864 61485 74544 *3958
Cornstarch 9080 26720 36423 *18426
Cornus 66861 74012
Cornus florida 81244
Cornus kousa 65522
Coronary thrombosis 42460
Coronilla varia *2460
Coronopus didymus 26080 35762
Corozo meal 33241
Corporaal J B *96215
Corporación Vitivinícola de Chile *61972
Corporation des Agronomes de la Province de Québec *63367
Corporation farming 10309 *10322 *71526
Corpus luteum
buffaloes 15473
cattle 32728 42177 *32715 *42113 *42137 *59515 *92606
Corrals. See subhead enclosures under Livestock and kinds of livestock.
Correvon H 96199
Corrhenes 93778
Corrodentia 25133 52894 61288 86091
Czechoslovakia 34710
Indiana 17166
Corrosion and anticorrosives 7557 8198 17959 53128 62226

*Text of this reference is not in English.

Item

Cortaderia 48528
Corticium 280
Corticium microsclerotia 28720
Corticium salmonicolor 38741
Cortinarius 38538 *72496 *72497 *89462
Cortinellus edodes 30450
Cortisone 26335 87286 *30679
effects on animals 5289
16007 16078 22964 33102 68246 76841
therapeutic use 4900 15480 32906
Corus 93778
Corybas 72385
Corylaceae 72384
Corylus 3296 30142 82289 *30149 *57626 *90009
breeding 73902 *39913
diseases 11831 *72750 *89647
Oregon 49679
Corylus avellana *39917 *39918 *39920 *47442
culture 1872 *1862 *39914 *39915
Corynebacterium 30795 78987
Corynebacterium humiferum 64540
Corynebacterium insidiosum 81313
Corynebacterium michiganense 11969 38785
Corynebacterium pseudotuberculosis *5665
Corynebacterium pyogenes 15420 84745 *59675
Corynebacterium pyogenes bovis *59704
Corynebacterium renale *23342 *59700
Corynebacterium sepedonicum 11973
Corynebacterium tritici 72820 81322
Coryneum 89602 *453 *11898 *28671 *47467 *72471
Coryneum cardinale *89596
Coryneum carpophilum *24879
Coryneum follicolum *38675
Corynofrea 93778
Coryphaeolana *24685
Coryphantha 29075
Corypheae 28576
Coryssobaris n g *60834
Corysthea *52404
Corythucha 34435
Coryza
man 37839
poultry 5371 15888 68093 84874 *15831 *68080 *84866 *93034
See also Sinusitis.
Coscinia cribraria 61208
Coscinia cribrum 17087
Coscinoptera 16600 *93765
Cosmic rays 998
Cosmina *77881
Cosmolyce boeticus 17016
Cosmopolites sordidus *16543 *43422 *60825 *68672 *68894 *85668
Cosmos 39211
Cossidae *34562 *86015 *94129
Cossoninae 77653 *68715
Cossus cossus *61239 *68982
Cossus ligniperda. See Cossus cossus.
Cost and standard of living 10241 19076 19078 26130 37451 46359 55159 55348 63470 78802 88448 95781
Brazil *10451 *37450 *88450
California 19163 27709

Item

Cost and standard of living --Cont.
Canada *10238
France *38104 *63468 *71522 *71523
Germany *61828
India 55111
Iowa 55347
Japan 63469 *95780
Kentucky 27640
Mississippi 9847 10240
New York 10239 88696
Oregon 55481
Philippines 10915 88446
statistics 19077 95782 *88451
Sweden *9786
Tropics 46358 61368
Union of South Africa 27595
Wyoming 10838
See also Families, expenditures; Farmers, economic and social status; Inflation; Prices; Social conditions.
Costa Rica Dept de Agronomía Sección del Café 40368
Costantinella 89464
Costus oil 2506
Cotinus coggyria *75648
Cotoneaster 991 40001 *353
Cotoneaster salicifolia *2441
Cotopaxia n g 89328
Cotton 20612 26398 29660 43163 45207 62337 *18179
acreage and area 27701 36022 94933 *8421
Africa 12714 62381 *39412
Algeria *90286
analysis and composition 18116 26337 62422 87212 *8551 *35998 *70409 *90066 *94999
anatomy and physiology 861 12307 12375 12430 12434 20257 39068 47552 47952 64820 72986 73136 73141 73158 73174 73262 73482 78278 *791 *893 *952 *982—*984 *20417 *29309 *29352 *29370 *35998 *47924 *73127
Arizona 62334
Australia 35941
bibliographies 57168
biochemistry 12525 *12515 *12523 *12547
Brazil *18025 *35954 *95873
breeding 1287 1290 1294 11960 12693 12704 12706 19901 20630 29640 39421 73469 73490 81910 87287 *1285 *39415
Africa 1283 1292
Brazil *81915
India 39409 56580
Punjab 48359
California 26421
Canary Islands *79300
carding and combing 8555 45180 62341 *70457 *79278 *94980
care and handling 54176
chemistry 54111 70356 70462 70486 *87225
cleaning 62342 70428 *35963 *35977 *69273 *94984
conferences and congresses 8458 8491 29656 70376 87171 87287
Canada 26413
consumption 18100 18108 18125 18138 18149 18156 45149 62397
India 8502 18144
cooperatives 8590 45160 54077

Item

Cotton--Cont.
cooperatives--cont.
Brazil *8420
El Salvador *35949
Mississippi 54093
North Carolina 18128
Costa Rica *20623
costs and returns 27701 37621 88459 88572
credit 9844 18169 63238
culture 17294 20613 29650 29664 29667 39424 47535 48350 48358 73475 81919 81924 81926 81928 86160 *1293 *1298 *48366 *81923 *90294
Africa *1281 *1282 *90295
Alabama 1278 12715 20631 29666 39433 48363 57171
British Commonwealth 48351
California 57173
Canary Islands *57154
Colombia *39419
Costa Rica *12702
Ecuador *18121
Egypt 62379 *29643
France *48352 *57155
Hungary *57152
India 1296 39411 57174 73471 81925 90287 90296
Israel *20622
Japan *81912
Mexico *57160
Mississippi 57166
Morocco 12699 *90295
Peru *1279 *1286 *12695 *26319 *48349 *57158
South Carolina 48370
Southern States 27648
Spain *1303
Texas 82492
Union of South Africa 57170
U S S R *10310 *20516 *29370 *39420 *48355 *48373 *81927 *86371 *90190 *90218 *90291 *90300 *90438
Yugoslavia *90292
defoliation 1280 12525 12713 20274 20625 20627 29654 57168 73158 73280 81900 81904 *66273
equipment 17308
Texas 81903
deterioration 18084 35994
diseases 501 532 534 28971 28977 29028 38773 81743 *38648 *47548 *56475 *56333 *64412
Arizona 72890
Arkansas 56527
control 47535 48370
France *11743
India 536 56580 89954
Mediterranean Region *81235
Mozambique *28847
North Carolina 72898
Pakistan 24361
Peru *47568 *72642
resistance 531 11960 19901 28970 38774 64504 64526 72762 72792 89665 *11899 *11979 *12547
South Carolina 64584
Texas 38702
transmission *89619
U S S R *93373
drying 62407
Ecuador *18121
Egypt 65047 73470 81899
equipment 17209 17217 17225 17233 17242 17245 17249 17250 17253 17254 17261 17294 17413 20625 25188 25231 61356 79255

Item

Cottone--Cont.
equipment--cont.
86163 94231 *34850 *35964 *94997
conferences and congresses 34750
costs 17220
South Carolina 88560
Southern States 17210
U S S R *25232 *86352 *86371 *94292 *94398 *94399 *94409
exchanges 79296 79297
farms 17260 27620 27637 55422
Oklahoma 27678
Southern Piedmont 88459
U S S R 19113
fertilizers 1291 2776 30960 49559 49590 49638 66340 74621 82860 *22054 *31005 *58326
California 13957
India 58309 66405 74593 91330 91331
Italy *66286
Mississippi 58265
Peru *82893
U S S R *13791 *40694
fibers 8465 12710 18084 18093 18116 18117 18152 26427 35978 45224 79266 79302 94944 94992 *8551 *18103 *18134 *36076 *87206 *87223 *94999
properties 45216 54159 62434 73136
tests 8587 18168 26434 36072 36073 45253 79325 81901 *26428
U S S R *36048
France 62347
French Sudan *62367
futures 8599 62435
genetics 747 750 998 29172 38977 73082 89890 89892 89902 89903
U S S R *756 *20246
germination 56828
ginning 8532 18069 18119 26403 54138 54154 54155 62408 62425 70455 70461 87233 87246 87252 87256 88204 *87259
cooperatives 45129 45130 62441
costs 18098 62437 62441
equipment 79293 87181 94985 *8475 *87259
Mississippi 54093
Pakistan 87280
Texas 18058 26375
U S S R *62370 *87301
grading and standardization 18145 26430 35961 45203 45250 79320 87288 *8527
Gt Brit 90288
Greece *12711
harvesting 29654 34800 81910 88560
Arizona 80084
equipment 1287 12700 12706 17259 17339 17345 17351 17356 17360 18119 25318 29650 34901 44109 45250 53082 54154 54155 78442 80084 86279 *25340 *57175
California 7104 17359
North Carolina 25337
U S S R *44088
Hawaii 77268
history 57161 73477 *26397 *26402 *62412 *65042 *70437 *70438 *73483
Gt Brit 79232
Italy *18082
Japan *26374

*Text of this reference is not in English.

Item

Cotton--Cont.
hybrids 64658 *1284 *81914
hydrogen-ion concentration 54146
India 39431
industry 35937 62330
62349 62360 62413 *70358
Australia 62330
Brazil *45227
California 70468
Cameroun *79268
Egypt *18127 *36067 *54099
El Salvador *8445
France *26332 *36053
Gt Brit 45256
Illinois 26426
India 8430 8472 8474
8529 45256 *45189
Italy *62344
Japan 26344 70436 79285
*62386 *70403 *70404
Mexico 18070 45215
Mississippi 26438
Netherlands 36024 *54119
*54171
Oklahoma 70467
Pakistan 8548 26441
62329
Peru *26319
Southern States 76501
79255
Texas 8525 26366
Uganda 8528
Union of South Africa *36013
injuries 73482 74288 81906
irrigation 52812 61226
*21899 *49906
Africa *1281 *31124 *40820
*40841 *49928 *58446
Arizona 8546
Peru *2907
Texas 40843 40845
U S S R *2945 *90190
*90299 *91379
labor 45258 46176 80084
*37194
linters 18068 36693 45220
54112 54131 62333 70420
79321 87236
marketing 26363 26425
36019 45140 54076 62363
62391 79307 87164 87216
Brazil *26327
costs 62437
India 62405
Mississippi 8468 36083
New Mexico 45178
Nigeria 36023
statistics 70480
Texas 45157
neps 26433 35985 36038
87205
New York 36020
North Carolina 18150
Oklahoma 10124 17216
packaging 8532
Pakistan 26310 26396
26414 35924 54118
Peru *12694 *18132
pests 6797 16544 17065
24429 43192 43198 52070
52099 52100 61218 61226
78278 93468 94070 *6630
*77661
Australia 16852
Belgian Congo *24962
Colombia *85397
control 16195 16221
24386 33832 33878 34274
34291 43153 43166 43194
43195 43199 43216 43248
43384 43436 48370 52048
52055 52075 52097 52098
52105 52111 52114 52154
52477 52812 52822 52823
52832 60605 61229 68386
77269 77275 77280 77610

Item

Cotton--Cont.
pests--cont.
control--cont.
77681 78147 78148 78290
85364 85365 85375 85426
93757 *6810 *33856 *43224
*43230 *52061 *52133 *52169
*60574 *68453 *68454 *77190
*77285 *85354 *85418
Arizona 60592
Arkansas 16588
conferences and congresses 52069
Georgia 43177 60553
Louisiana 77256
Midsouth 43184
Mozambique *33833
research 43189
Southeastern States 43172
Southern States 60582
Southwestern States 43169
U S S R *93373
Western States 43232
Egypt 33846 34560
Greece *24695 *24702
India 43829
Indonesia 61152 *85934
Pakistan 24361
Peru *5985 *43221 *77278
Puerto Rico 34607
research 52044 52078
52097 52098 52154 52822
52823
Sudan 6770 52610
Texas 52044 52076 52148
Union of South Africa *16229
Venezuela *25060
planting 1291 29663 73478
Brazil *48362
India 57157
U S S R *81911 *90298
*94402
policies and programs 8585
18170 35989 45251 54150
54151 70453 79263 79264
87289
Colombia *54080 *62353
Egypt 29649 62423
Peru *54090 *54091 *62380
U S S R *35990 *87175
*88512
pollination *791 *20246
*34027
prices 8431 79276 87236
94982 *79248 *79281
Brazil *8420
Egypt 10950
Pakistan 26412
processing 18092 26341
26348 26417 35985 36030
45250 45750 62444 70452
79280 81924 87192 87298
*36076 *70450
costs 54109
equipment 8587 45220
*26372
U S S R *35939 *45234
*79238
properties 35978 36030
36089 62406 70376 87174
94949 *59112
Puerto Rico 77268
public relations 45261
62414 62449 70439
Egypt 35951 35962 36031
quality 8465 8468 8546
8581 17259 18069 18093
26381 26425 26433 35956
37082 45150 45238 54138
62336 87298 *8511 *8527
*35964 *62388 *62408 *94954
*94999
Arizona 18112
Belgian Congo *24962
Brazil *79308
Egypt 62348
India 87250

Item

Cotton--Cont.
quality--cont.
Somaliland *26423
statistics 26432 70481
quarantine and inspection 77268 87281
research 12697 36030
45185 45187 45192 45193
45201 45784 62449 73473
94981 *94955
Africa 29655
conferences and congresses 45156
Texas 54113
U S S R *93373
sampling 12710
seeds 64466 73478 81906
*48364 *65057 *87206
anatomy and physiology 38096 73125
storage 9622 52610
treatment 28774 73478
*89666 *89695
vernalization *922 *90068
shrinkage 45168
situation and outlook 8579
8588 17213 18106 18108
18169 18176 26347 26351
26360 26363 26370 26381
26382 26383 26440 35948
35989 36085 36087 36088
45179 45210 45230 45259
54076 54127 54135 54168
62335 62394 62418 62443
70354 70405 70453 70479
79237 79262 79289 79327
87238 87303 94919 *7581
*26406 *35973 *62436 *87284
*87294 *94991
Brazil 26436 54076 *18085
*45141 *45219 *45222 *54073
*62362 *87291
California 8487 26421
62334
Egypt 26330 62423
Europe 79285
France 18149 *26328
Germany 18100 *18083
Gt Brit 18138 36086
79252 95013
India 18144 35972 62424
Italy 18156 *54132
Japan 18125 *26374 *45199
*62385 *79295
Peru *62346 *70366
South America 35927
Southeastern States 26346
Southern States 8600
Texas 36055 54175
soils 1291 2556 21496
29663 40758 49522 *2532
*13920 *13921 *58250 *91148
Southern Rhodesia 54141
spinning 8547 18126
18168 26434 26438 45195
45196 54116 62379 62425
62434 70393 70461 87287
95008 *8536 *18062 *26394
*45135 *54101 *54157 *79246
equipment 36000 87302
*8457 *8552 *35929 *36002
*62417
Gt Brit 36025
Japan 26344 *62428
Sudan 79231
tests 36072 45253 57169
81919
spraying and dusting 33925
34275 43195 52054 52427
60536 64466 72707 77220
equipment 34967 44149
53147 77702
U S S R *52326 *77559
stalks 14233 61485
staple length 1294 45175
94971
Brazil *45211

Item

Cotton--Cont.
statistics 35928 70480
87182 87297 95004
Egypt 35955 38024
62361
France *87290
India 8430 45190
79240
South Carolina 70380
storage 35950 54176 *62362
structure 26337 26427
45217 62422 *70409 *87223
subsidies *95778
taxation 37156 *71302
Tennessee 55425
tests 18093 26433 54159
62438 79272 95008 *8536
*18090
Egypt 35960
equipment 79274
India 18146 18147 87250
Texas 10623
textiles 8564 18092 26322
26417 36046 45144 45145
45168 45238 62339 94924
Australia 26318
Belgium *54170
El Salvador *79251
Formosa *70478
Gt Brit 79243 79306
history 9773
India 70406 70430 87219
94918
Pakistan 18114
processing 26358 35931
properties 54085 62339
trade 96101
trade 37156 38060 63859
72047 80618
Egypt 10950 38009 38024
Europe 38060
Gt Brit 96086
Japan 70436 *28140
Mexico 63859
Pakistan 28153 38009
54177
Turkey *73171
utilization 8575 8597
18088 26377 50855 54112
70419 87281
varieties 12700 18168
26434 29665 35961 36072
45179 45238 45253 57156
57167 62418 62434 62438
72762 72792 79266 79280
81901 87192 87298 *25430
*57175 *62346 *89353 *94954
Alabama 65045
Argentina *8421
Arizona 12698 20629
89665
Arkansas 12690 48346
48347 90301
Asia 89892
Australia 29662
Egypt 29641 29644 29645
37082 90288
Georgia 57162
India 18146 39428 65059
81925 87250
Louisiana 65060
Mississippi 39414 39429
65051
Oklahoma 29651 39416
Pakistan 20635 48345
54118
Peru *70366
surveys 79266
Texas 20621 20633 20634
39422 48357 48367
U S S R *12523 *90299
West Indies 48360
waste 31318 45173 50072
wax 18116 18117
weed control 2366 2391
13544 13549 13551–13553
13555 13577 13578 13580

*Text of this reference is not in English.

Item

Cotton--Cont.
weed control--cont.
13582 13606 13630 13631
20625 21372 30591 30635
40261 40282 40313 49257
49282 49330 57913 57959
57980 64749 65958 65965
65972—65974 65986 65990
65995 66009 66032 66034
74288 74319 82546 90990
91048
Mississippi 40294
South Carolina 13530
Southeastern States 13600
Tennessee 13593 49320
weight and measurement 26328 79302
yarn 8465 18062 26433
35940 36045 36073 45217
70376 79272 87201 *18103
*36048
yields 1291 2842 12712
21496 27620 29668 30960
48350 49522 57169 65046
66340 78278 82818
Belgian Congo *24962
Egypt 36022
India 45218
U S S R *40728 *65052
See also Cottonseed.
Cotton burs 59222 91276
Cotton Insect Control Conference 52069
Cotton Institute of Canada 26413
Cotton leaf roller. See Sylepta derogata.
Cotton Producers Association 54077
Cotton Research Congress 45156
Cotton Spinner-Breeder Conference 70376
Cottonseed 26951 27291
54757 70964 78168 87875
analysis and composition
9429 9434 9468 45110
bibliographies 9495
fertilizers *31308
hulls
feed 3924 5642 15360
67284 *32604 *60345 *67319
pests 78168
prices 9494 18662 70984
79821
processing 5252 9389
9400 9409 54695 54696
54708 62959 87844
costs 87879
India 70962
Near East 26960
products
feed 15100 22869 92570
quality 26979 70971 95359
storage 45750 45778
Texas 8525
utilization 32047 45784
54727
waste 36693 62319
Cottonseed meal 94913 *91543
feed 5252 5766 23220
24142 32293 33215 36825
76725 77097 85197 93235
*32656 *33699 *75749
fertilizers *49581 *58540
marketing 5766 62319
62912
nutritive value 5252 23825
54046 59576 62926 70293
processing 23825 36693
36706 54046 62926 70293
properties 9432 70293
quality 54708
toxicity 92273
utilization 79800
Cottonseed oil 36728 62927
70971

Item

Cottonseed oil--Cont.
chemistry 9394 36754
95329
color 9400 54716
extraction 36693 36707
54695 54696 54710 54716
62963 70910 70913 70971
87879
India 70962
keeping quality 70920
processing 36719
Cottony cushion scale. See Icerya purchasi.
Cotula 72425
Cotyledon hoerleinianum *80986
Cotyledon pillansi 73938
Couch J F 56014
Coudelaria Paulista *84606
Couepia oil *9486
Coumarin 33065 81612
determination 69794
effects on plants 81624
*39066 *39093 *90039
in plants 64908
Coumarone resin 85469
Council for the Preservation of Rural England 10539
Counties
Alabama
Clay 27604
Dekalb 75127
Franklin 10303
Lawrence 75126
Arizona
Yavapai 95231
Yuma 48598 58325
California
Alameda 55449 60998
Butte 95849
Fresno 14161 19212
65408
Humboldt 88563
Kern 14161 49144 53592
70555 79465
Kings 14161
Lake 1870 50158
Lassen 27711
Los Angeles 7328 10374
10375 10377 17818 19163
23392 27512 27709 53723
76949 78966 95848
Mendocino 50159
Merced 85826
Modoc 95226 95845
Napa 7783 71622
Orange 1695 37575
55448 55598 63562 73792
88564
Placer 55450
Riverside 21839 27704
27715 27716 37574 95843
Sacramento 80332 93978
San Bernardino 30002
37573 37576 55453 95847
San Diego 2733 12799
27708 27710 37577 37923
46462 61044 80328
San Joaquin 27713 63563
88562
San Luis Obispo 46463
San Mateo 2369
Santa Barbara 46461
90607 95844
Santa Clara 27705 27706
31112 80330
Shasta 12799
Solano 27714 37572 55451
Sonoma 24715 27707
55447 80331
Stanislaus 27712 37580
55452 88565
Sutter 10378 37579
Tulare 20900 29998
80329
Ventura 10376 20883
48757 65376 69752 88566
90583 90587

Item

Counties--Cont.
California--cont.
Yolo 40195 57833 61896
93978
Colorado
Weld 37803
Connecticut
Worcester 54270
Delaware
New Castle 71626
Florida
Gadsden 71932
Hillsborough 58176
Lake 10595 37147
Polk 37147
Seminole 46846
Georgia
Catoosa 75124
Jackson 95940
Walton 10815
Idaho
Lewis 9644
Nez Perce 9644
Illinois
Carroll 67636 80396
Cook 75073
Du Page 80396
Fulton 80396
Jasper 80396
Kendall 58189
Lake 76261
Lawrence 27694
Livingston 29
McLean 80396
Monroe 9133
St Clair 55662
Woodford 19372
Indiana
Allen 37781
Elkhart 18687
Hendricks 12090
Henry 46600
Lawrence 12090
Marion 11588
Montgomery 923
Morgan 14517
Porter 63754
Ripley 12736
St Joseph 24842
Tippecanoe 95936
Vigo 46085
Iowa
Cedar 56179
Hardin 75797
Iowa 56178
Johnson 58152
Keokuk 27899
Mitchell 79846
Story 49885
Kansas
Jackson 49548
Nemaha 49549
Republic 49550
Sherman 55234
Kentucky
Madison 71452
Louisiana
Union 71639
Maine
Aroostook 37603 54563
Waldo 87925
York 49503
Maryland
Prince Georges 95986
Massachusetts
Franklin 71446
Michigan
Baraga 50160
Menominee 10633
Oakland 47725
Minnesota
Isanti 55608
Itasca 31492
Meeker 64063
Murray 66021
Wright 64063

Item

Counties--Cont.
Mississippi
Bolivar 74507
Forrest 10677
Jones 10240
Lee 10240
Pearl River 37474
Missouri
Dent 27921
Stone 5418
Montana
Cascade 55184
Yellowstone 76563
New Jersey
Hunterdon 71828
Union 28570
New Mexico
Dona Ana 28295
New York
Broome 37712
Cortland 7341 55634
Lewis 55441
Livingston 80482 88558
88696
Niagara 37519 80201
Onondaga 75187
Otsego 19164 37584
51096
Tompkins 55581
Wayne 70678
North Carolina
Buncombe 59869
Chatham 27661
Cherokee 2650
Mitchell 40551
Monroe 51713
Wake 10592 10593 79843
Yancey 49510
North Dakota
Griggs 82901
Ohio
Clinton 10650
Stark 17913
Oklahoma
Lincoln 63682
Marshall 38874
Okfuskee 66223
Oklahoma 76562
Oregon
Clackamas 48888
Grant 1370
Jefferson 40828
Linn 64603 81389
Pennsylvania
Allegheny 80968
Erie 68729
Luzerne 1647 31620
South Carolina
Darlington 73704
York 80434
South Dakota
Jerauld 30831
Tennessee
Washington 51134
Texas
Archer 6926
Burleson 26375
Deaf Smith 54742
Floyd 35165
Henderson 64246
Howard 15306
Lamar 37762
Milam 37439
Mills 42093
Panola 4022
Swisher 23162
Wharton 48367
Utah
Davis 18207
Weber 18207
Vermont
Caledonia 55467
Franklin 95735
Rutland 50488
Virginia
Scott 30830

*Text of this reference is not in English.

Item

Counties--Cont.
Washington
Cowlitz 50294
Spokane 80521
Whatcom 93
Whitman 19447
Yakima 45471
West Virginia
Hardy 69483
Wisconsin
Bayfield 14632
Brown 3230
Door 80939
Douglas 14632
La Crosse 83133
Rock 22267
Wyoming
Goshen 46481
Country Landowners' Association 19403 37929 88896
Country Women's Association (Australia) 10878
Country Women's Council 75350
County agents 10710 27925 37816 37910 46630 46709 63694 80451 80452 80511 80527 92350 95978 96025 *19307
Canada *19349
Denmark *28003
directories 15916 63701
education and training 37897 37907
Florida 55733
Greece 10808
Illinois 71917
Iowa 80539
Minnesota 74876
Oklahoma 71918
Washington 19388
Court noué grapes *29017
Cousinia *47276
Coutinho A X P *28292
Cover crops 964 2766 13013 14012 16645 21686 21738 30931 31011 49897 66383 74424 74645 91301 91354 *12578 *31193 *31195
Australia 30985
California 2792
Ceylon 91325
fertilizers *2784 *66326
Indonesia *91322
orchards 2540 2736 13060 13985 30041 31000 40626 49732 58531 65112 66285 66314 66328 82772 *1668 *1773 *13942 *20950 *30040 *34911 *48810 *49703 *57560 *65363 *82799 *82899
Austria *1678 *48811 *48815
Belgium *82155
Denmark *66307 *74559
Michigan 74657
Netherlands *57524 *74557
Philippines 21687
Tropics *2726
vineyards *13951 *40704 *49328
Cow-and-calf plan 42309 76440
Cow pox 76357 92631 *4582 *4588
Cowania n g 43541
Cowboys 18928
Cowpeas *49900 *56276 *81610
anatomy and physiology 20257
culture 81984 *49900 *81953
diseases 64440 64474 72683 72868 89733
feed 85226
genetics 38991
varieties 1387 49134

Item

Cows. See Cattle.
Coxiella burnetii 53782 *4175 *24175 *24176 *51819 *75957 *76244 *84845 *88095 *92730
Coxiella popilliae 77695
Coxsackie viruses 93876
Coyotes 41930 75983
Coypus 4981 *4974 *15638 *42421 *76610
breeding *15622 *32962 *42407 *51434 *76588 *76610 *84571
care *23553 *42422
Italy *51443
Sweden *67866
feeding and nutrition *4961
Denmark *32968
Sweden *42412
fur production *67867
genetics *42407
Germany *9224 *27727
housing *23553
Italy *4976
skinning *32988 *62792
Sweden *95816
Uruguay *87722
See also under Blood; Furs; Sex.
Crabapples 705 1738 1778 13203 40031 49117
Crabgrass. See Digitaria.
Crabro (Protoctemnius) *25000
Crabro tabanicida *25000
Crabronidae *16910
Crag herbicide 57924
Crag herbicide 1 74280
Crambe *40337 *82097
Crambe maritima *47272
Crambidae *43760
Crambus 52825 *16940 *78140
Crambus bonifatellus 52787
Crambus luctiferellus *52756
Crambus maculalis *43760
Crambus myellus *78140
Crambus osthelderi *6800
Crambus sperryellus 52787
Cramer P J S *96203
Crampton G C 47031
Cranaostygnus n g *68596
Cranberries 20959 36140 48866 54407 57592 62597
advertising 8717 8754 79400
analysis and composition 54228
cooperatives 18254 26508
culture 1806 49866 57583
diseases 47489
freezing 87488
harvesting 82246
industry 8624
irrigation 2901
keeping quality 95071
marketing 26508 36202 79383
packing 36246 36247 79464
pests 24938 47489
Massachusetts 93400
pollination 77385
processing 87519 95071
situation and outlook 26446 26472 36194 95041
spraying and dusting 47505
storage 8874 *95125
weed control 21352 47489 74250
Cranberry scale. See Aspidiotus oxycoccus.
Crane flies. See Tipulidae.
Crane H L 2489
Cranes 17358 *41321 *46037 *58910
Cranichis 72421
Craniospermum 38448
Crankshafts *53186 *53205

Item

Crapemyrtle. See Lagerstroemia.
Crassula argentea 49068
Crassula ausiensis 89315
Crassula barbata 13261
Crassula falcata 13217 73986 *64651
Crassula rubicunda 90080
Crassulaceae 20411
Crataegus 21212 21417 *1063 *20196
Crataegus coccinea *57804
Crataegus phaenopyrum 30342
Crataepus 34508
Crataerina pallida *34343
Crates 32062
Cream 7890 79035 79164
acidity 62082
analysis and composition 53796 70006 *86908
bacteria 86924 86934 *8201 *70260
care and handling 8140 62230 *8325
chemistry 62082
clarification and filtration 54010
cooling 7160
cultured *70184 *70198
defects 94817
enzymes 79032 *44829
fat 62066 *53781
flavor and odor 53941 76211 79047 79108 86979
France *62129
frozen 70273
grading and standardization 53852 62169 86978
Germany *53872 *53873
Gt Brit 94737
marketing 8038
Austria *86963
Canada *62120
Iowa 70065
Nebraska 35731
New York 26065 53844
Mississippi 35703
pasteurization 17985 35828 53768
preservation 53941
prices 62169 *35784
processed *53872 *53873 *62073
processing 17985 26202 44800 79164 *8325 *35839 *45027 *62190 *62231
properties 44800
quality 8140 44903 53800 *8149
sanitation 79167 *8201
sour *44808 *53836 *79036 *94836
spoilage 35751
sterilized *79149
storage 35751 53941 86934
substitutes 53939
tests 69994 86924 *86923
transportation *35718
utilization 35703
Cream separators 25357 78375 *25343 *25368 *26209 *44138 *45020 *45038 *53113
sanitation 94348
Creameries. See Milk plants.
Creatine 23973 70814
Creatinine *54600
Credit 7407 9813 9815 9836 9841 18879 18881 27268 27277 27285 27297 27298 37089 37101 37125 37726 46093 46103 55035 63242 63250 63253 63257 71235 71236 71237 71241 71252 71257 88183 95605 95609 95612 95628 95629 95632 *9739 *18862 *27265 *55029 *88180 *95264

Item

Credit--Cont.
Asia 9829
associations 46126 46127 *37106 *95604 *95610
Australia 9803 9825
Belgium *95623
Brazil *9822 *18886 *55039 *63235
Cameroun *80050
Canada 9796 18874 18882 37096 37116 *55016
China 71259
Colombia *46089 *46097
Columbia Basin 55028 88192
commodity 18169 27290 27292 27294 37127 95631 95634
corn 27299
cottonseed 27291
conferences and congresses 37098 63232 *27271
consumer 63236
cooperatives 9805 18873 18876 27272 27276 55020 55033 63246 *9818 *63247 *63807
Brazil *9797
Canada 63239
Europe 37108
Finland 9828 88195
France *63237
Germany *9835 *27286 *46088 *46095 *80048 *95615 *95626
India 71245
Mexico *63251 *63256
Netherlands *95607
North Africa *27269
Pakistan 71228
Puerto Rico *46084 *46109 *46110
Spain *27282
Sweden *55023
Thailand 27287
Costa Rica *71232
Cuba 46100 *9794
Czechoslovakia *63248
Denmark *37110 *46092
Dominican Republic *37092 *80041
El Salvador *9806
Europe *37107
Far East 9829
Formosa 27261
France *9800 *9807 *9810 *27284 *37099 *37111 *55019 *63240 *95613
Georgia 37109
Germany *18870 *37122 *46108 *46119 *46120 *88179 *95620
Gt Brit 18872 37105 95614
Hawaii 46115
history *63237
India 18864 18883 80049 80052 88174
Iowa 46121 46123 55030
Italy *9799 *9817 *9823 *9831 *9840 *18880 *27279 *27280 *37091 *37114 *37118 *46112 *55031 *55034 *55040 *63430 *69597 *71249 *80040 *80046 *95621 *95622
legal aspects 63231
Netherlands *37095
Louisiana 55021 88197
Madagascar 27789
Maryland 71229
Mexico *18877 *27289 *46106 *63234 *71244
Midwestern States 63260
Minnesota 55017 88199 95633
Morocco *55022
mortgage 9804 18890 27281 27300 46091 46098

*Text of this reference is not in English.

Item

Credit--Cont.
mortgage--cont.
46101 63244 63261 71248
71254–71256 71741 80034
88186 88198
Austria *80037
Chile *18875 *18925
El Salvador *9795
Germany *71247
history 71250
India 9798 9832 9834
37088 37123 46118 71245
Israel 88189
New York 55037
Pakistan 71228
South Dakota 46105
Uruguay *63233 *88177
Virginia 27273
mutual
Algeria *95618
France *37104 *88187
*88196
Netherlands 95625 *27266
*37094 *46090 *46099 *55027
*80032 *80035
New England 27270
New Hampshire 46094
New York 71230
New Zealand *27244
North Africa *71234
North Carolina 27296
Philippines 37113
policies and programs 7583
9843 37100 46125 55041
71240 *80029 *80047
France *71233
Germany *95627
India 9830
Italy *55032
North Carolina 46111
Puerto Rico *9824
records 46540
Réunion *18884
situation and outlook 9801
27300 71500 88184 95606
France *55026
Southwestern States 63260
Spain *9809 *9811 *80031
statistics 18887 63259
80027 *80045
Sweden *46116 *55024 *55036
Tennessee 37117
Texas 80053
Tunisia *9812
Union of South Africa 9802
*27553
U S S R *9826 *63249 *63255
*80054
Western States 88188
Wisconsin 80051
Wyoming 10357
See also Banks and banking; Government, aid to agriculture; Indebtedness; U S Dept of Agriculture, Farm Credit Admin; U S Dept of Agriculture, Farmers' Home Admin; and under Veterans, and names of commodities, industries, and government agencies.
Creditkassen for Landejendomme i Østifterne *46092
Creep feeders 24281 33693
42072 43037 51122 59579
84179 84642 92566
Creeping bellflower. See Campanula rapunculoides.
Creeping eruption. See Larva migrans.
Cregya *85673
Crematogaster 94043
Cremna *61256
Creocide *7180
Creolin *5690 *15223 *85427
Creosote 22570 41417 75500
*92015

Item

Creosotebush. See Larrea.
Crepidiastrum platyphyllum 73074
Crepidodera *77662
Crepidomyia 24820 *43507
Crepis 47215
Cress. See Watercress
Crested wheatgrass. See Agropyron cristatum.
Criadores Españoles de Aves Selectas *51521
Crickets 6842 *6879 *25091
*34678 *52857 *61276
Crime *37851
See also subhead theft under specific subjects.
Crimson clover 1321 21702
21738 30858 30958 84196
anatomy and physiology *39003
costs and returns 95857
fertilizers 74626
Georgia 12807
grazing 1356
planting 12828
pollination 77340
U S S R *48552
Crin végétal. See Chamaerops humilis fiber.
Crinipellis 19870
Crinkle leaf 81743
Crinodendron patagua 39981
Crinum *11452
Crinum zeylanicum 65616
Criocephalus ferus 85641
Criocerinae 16539
Crioceris 24717 52437
*52472 *77767
Criodonna corsii 65607
Cristoopsis n g 68644
Crobylophora *61227
Croce *52895
Crocini *52895
Crocus 38995 72779 90734
90763
Crocus chrysanthus citrinus 80946
Crocus niveus 57648
Crocus nudiflorus 56196
Crocus sativus *66051
Cronartium 64304
Cronartium filamentosum 64483
Cronartium fusiforme 11855
Cronartium ribicola 28832
*39876
Crop bound *76823
Crop insurance 37149 46141
46144 55057 63274 71253
71273 71508 88224 88241
95641 95645 *46136 *46139
beets 9866
citrus 37147 37148 46142
cotton 46143
France *27316
Gt Brit 35336 37140 46138
Italy *37137
Mauritius 95643
wheat 80068
Crop Rotation Commission *81789

Crops
estimates 18377 95186
*9081 *26927 *62436 *86683
California 94620
Germany *69755
Great Plains 64934
India 7666 45218
U S S R *25751 *70692
*87144 *94625
losses 13636 24372 28905
43156 47435 47594 56451
56581 81180 *293 *28739
*28827 *31133 *49920
Italy 40795
reporting 7677 17696
19688 53584 69747 78843

Item

Crops--Cont.
reporting--cont.
Brazil 7682
Chile 17707
Latin America 7659
residues 30766 40869
49426 87196 91178 *74479
statistics 17706 44641
California 53592
Germany *7672
India 35408
Indiana 7668 7669
Kansas 25754
Pakistan 35427
Pennsylvania 25760
Sweden *35433
theft *71836
Uruguay *17545
yields 30756 49616 66443
78848 *35424 *82937 *94616
Crosa n g 43557
Crossocerus 94027
Crossostylis 56245
Crossotus 93778
Crotalaria 39035 40902
59369 *47629
Crotalaria retusa 11868
Croup *15691
Crown gall 11962 11963
11964 12301 47979 72809
72818 73115 *29348
control 56582 *20111
Juglans 525
New Zealand 20109
peaches 525
plants 528 29311 47612
64531 *29315 *64734
Prunus amygdalus 525
64534
sunflowers 81583
tomatoes 11961 47994
Crown rot 449 28960
47485 64427 72665
Crown rust 407 *47579
Cruciferae *89282
anatomy and physiology *12173 *47967 *64614
biochemistry *29449
diseases 11931 47609
64407 72541 *47523
germination *2216
Northeastern States 152
pests 52559 *6273 *16531
*68679 *85698
seeds *448
Tennessee 81020
Cryoscope 69999
Cryphalus 16628
Cryphocricos *34445
Cryptantha 38448
Crypticus 52460
Cryptocellus spinotibialis 93709
Cryptocephalus 77676 *16533
*34272 *77806
Cryptocephalus frenatus *77703
Cryptocephalus lostiai *77679
Cryptocerata 34483
Cryptocercus *94162
Cryptococcosis 51391
Cryptococcus farciminosus. See Lymphangitis epizootica.
Cryptococcus neoformans 59708
Cryptocoptes n g 6370
Cryptocorynes 56193
Cryptodiaporthe *72505
Cryptogams 89772
Cryptolabis 16666
Cryptolaemus montrouzieri 52454 52475 68812 *6426
Cryptomeria japonica 12121
*47735 *47986 *50311 *50654
*90037
diseases *38688 *72692
*72733

Item

Cryptopenella n g 43910
Cryptophagidae 43421
Cryptophagus 43421 52460
Cryptophlebia carpophagoides 6765
Cryptops *6362
Cryptorchism 33711 59633
84657 *23655 *33057 *68197
*68346 *77108
Cryptorhynchidae 16555
*43466
Cryptorhyncus insidiosus *52468
Cryptorhynchus lapathi *77700
*77808
Cryptostemmatidae *24977
Cryptostetha *77662
Cryptostroma corticale 19999
Cryptothallus 29070
Cryptothallus mirabilis 194
Cryptothrips nigripes 43925
Cryptus *61126
Crystal violet vaccine *5830
*33736 *60474 *77114 *85263
CS-708 77219
CS-645A 77219
CS-674A 77219
Ctenicera aeripennis destructor 5884
Ctenistes *85647
Ctenitis *56286
Ctenochiton 16871
Ctenopelma *61126
Ctenopteris heterophylla 28629
Cuba Ministerio de Agricultura *46838
Serv de Parasitologia y Control de Plagas *43209
Cubas B *80784
Cube *77300 *77301 *77320
Cuboni's test *5035 *59960
*92840
Cucujoidea 24751
Cucullia absinthii 61194
Cucumber mosaic 38798
Cucumbers 40210 79430
*18203
analysis and composition *29161
anatomy and physiology *12371 *29285
biochemistry 39219 *48191
costs and returns 80358
culture 40210 65823 65866
74204
Denmark *3108 *65840
*82491
Netherlands 40988 *14250
*20332 *21260 *21293 *40241
*40251 *57841 *90945
diseases 11991 20113
38790 47666 72834 72868
81220 89732 *529 *20027
*28892 *89532
control 56378 64331
81207
Netherlands *28791 *64394
Puerto Rico 28984
resistance 28867 72860
81346
South Carolina 28867
fertilizers *66388
genetics 64680 *29161
hybrids *57882
marketing 54264 79430
Netherlands *26458 *27721
pests
control 60547
U S S R *16501
processing 8844 *62580
propagation *21252
seeds *57821 *57882
Sweden *65855
varieties 57891 *2155
*2313 *45187 *74186

*Text of this reference is not in English.

Item

Cucumis melo vulgaris agrestis *30436
Cucumis virus 38819
Cucumis virus 1 *38812 *47638
Cucurbita 2256 40220 *12161 *54717 *72973 *81454
Cucurbita peop. See Pumpkins.
Cucurbitaceae 29116 65920 *28538
diseases 47601
pests 16231
seeds 72654 *73190
Cucurbitaria pithyophila 38654
Cud inoculation 76339 *23315
Culex 24898 34408 77925 85795 85810 85813 *43547
Culex annulirostris 24904
Culex autogenicus *77922 *77928
Culex fatigans 6625 61016 *93911
Culex iolambdis 43603
Culex (Microculex) 24898
Culex mimeticus *93932
Culex pipiens 6597 43589 52602 85825 *77928
Culex pipiens complex 43596
Culex pipiens pallens *93925
Culicidae. See Mosquitoes.
Culicoides 24787 24811 68787 68788 85733 85781 85789 *24842 *24845 *52561 *93884 *93885 *93894
Oklahoma 77859
Panama Canal 43500
South Africa 43506
Venezuela *60955
Culicoides bricenoi *6551
Culicoides citrinellus *43521
Culicoides dominicii *60955
Culicoides grahami 43616
Culicoides impunctatus 6538
Culicoides nubeculosus 52544
Culicoides pulicularis *85768
Culicoides tristriatulus 16755
Culicoides weesei 60938
Culiseta inornata 16780
Culiseta maccreckenae 77927
Culiseta melanura 5032
Culpeper N 56007
Cultivators 25299 61416 86227 86235 *25294
Germany *69198
Union of South Africa 78374
U S S R *7073 *7077 *25286 *25291 *31663 *34858 *44062 *69202 *78416 *83388
Cultroribula 43380
Culture 71842 80430 80441 *63676 *71767
Africa 88400
Austria *64016 *96066
Germany *88716
Haiti 55599
Mexico *88710
Netherlands *19286
Norway 55596
Puerto Rico 19284
Switzerland *46608
U S S R *46874
See also Human ecology; Social conditions; Social organization; and under specific subjects.
Culture media 41809 70540 86924 *25970
hydrogen-ion concentration 56706 69992
Cultured Molasses Substrate 5254
Cumberland-Shenandoah Fruit Workers' Conference 48698
Cundinamarca Secretaria de Agricultura *89078
Cunoniaceae 56245

Item

Cunuria 81022
Cuojesco 62359 *8523 *26391
Cup disease *19916
Cupania *72372
Cupboards 78632
Cuphea *47738 *73962
Cuphocybe n g *259
Cupressus 13257 14476
Cupressus abramsiana 28559
Curare 83919 *56228
therapeutic use 4913 15138 92756 *15166
Curculio caryae 52441
Curculionellus *77727
Curculionidae 6466 77799 *16640 *16641 *43457 *60834 *68715 *77736
Chile *77802
control 77755 *93811
food and host plants 77797
France *68708
Germany *77667
Gt Brit 43408
Italy *16642
taxonomy 52463
Curds 53912 *79042 *86994 *87126 *94870 *94871
Curicta *93943
Curly top 544 547 568 77931 81329
Currants 1837 30584 87446
abnormalities *56694
analysis and composition 18232
anatomy and physiology *38901
Australia 8879 19189 36254 36255 36304
biochemistry *64904
diseases 566 89720 89723 *976 *38579 *39876
transmission 56524
fertilizers 13904
Gt Brit 13098
hybrids *20231
Netherlands *13127
Norway *73994
pests *52457
Belgium *38579
propagation
U S S R *13101 *57622
pruning
U S S R *48889
Sweden *1797
trade
Australia 36304 38023 38035
U S S R *13104 *31629 *48851
varieties 13076 *1811 *62465 *82255
Curtains 38250 38257 47079
Curteustrophinus n g *85674
Curtiss C F 72186
Curtoscaphosoma n g *34273
Curvularia 11850
Curvularia spicata 81271
Curvularia sudanensis *89579
Cuscuta *590 *11711 *18733 *21366 *40277 *47530 *64215
anatomy and physiology 38949
and plant disease 72844
biochemistry *47886
Canada 90994 91049
clover *28866
control *2350 *13563 *65936
Cuscuta campestris *82584
Cuscuta japonica *89722
Cuscuta reflexa 692 28807
Cuscuta trifolii *47384 *47385
Cussonia paniculata 3294
Customs Simplification Act 80636
Cuticle
arachnids 60783 68607

Item

Cuticle--Cont.
arthropods 5895
chilopods 6343
diplopods 6343
insects 33820 85305 *78169 *86056 *93300
Cutworms 52120
Canada 6784
control 61169 78159 *25069 *34262
Maryland 78070
Cyanamid. See Calcium cyanamid.
Cyanides 9648 34457 *67089
effects on plants 12419 20406 64866 *90031
toxicity *15390 *23263
wood preservation *31979
Cyanogas. See Hydrocyanic acid.
Cyanogenesis 81756
Cyanogenetic glucosides 50703
Cyanophyceae 11560 56301 *81123
anatomy and physiology 29079
China 38503
Japan *239 *38511
Portugal *28650
Cyanophyta *81067
Cyanoporina n g 19877
Cyanopsis psoralioides. See Guar.
Cyanostylon 38503
Cyanotis 47765
Cyathea dregeri *28898
Cyathea lindsayana 28629
Cyatheaceae *47303
Cyathodium 56299
Cyathus olla 64291
Cybaeus 77645
Cybalomia *16939
Cybistax donnell-smithii 15007
Cybister lateralimarginalis *43441
Cybocephalus 52460
Cycadaceae 30231
Cycas *38442
Cycas revoluta 81450
Cycas rumphii 81026
Cycladiene *68042
Cyclaine 41909 83828
Cyclamen 13162 39948 82435 *65745
Belgium *13393
breeding *39956
culture 30334 65600 65812
cytology 56689
diseases 47396 *82423
soils
Netherlands *21784
Cyclamen indicum *30324
Cyclamen mite. See Tarsonemus pallidus.
Cyclamen persicum. See Cyclamen indicum.
Cyclanthaceae *89329
Cyclanthera pedata *21308
Cyclidiopsis acus *64276
Cyclocephala borealis 68689
Cycloconium *44211 *47474 *73788 *90597
Cycloconium oleaginum *89580
Cycloderes *34212
Cycloheximide 29439
Cyclolejeunea *89403
Cyclopropane 51834
Cycloscapus n g 34508
Cycnoches 80932
Cycnoches chlorochilon 2033 40123
Cydia molesta. See Grapholitha molesta.

Item

Cydia pomonella See Carpocapsa pomonella.
Cydrelichus 77631
Cylas formicarius 6499
Cylas formicarius elegantulus 16637 52416 77706 93797
Cylindrocarpon *268 *81233
Cylindrocladium 72784
Cylindrocladium scoparium brasiliensis *56474
Cylindroiulus *77619
Cylindroiulus teutonicus 68617
Cylindronotus 52460
Cylindrorhininae *43457
Cylindrorhinus *43457
Cylindrosporium *89623
Cylindrosporium padi *28841
Cylindrostethus 93954
Cylindrotoma *85762
Cylindrotomidae *85762
Cymatodera 77658
Cymbalaria *29131
Cymbalaria toutoni *47867
Cymbidium 1918 13241 13356 40026 65602 81723 82327 82463
Australia 65639
California 65626
culture 13395 40077 40124 57651 65624 65625 65631 65687 65700 65701 73941 82367 90742 90856 *30277
diseases 72814
Florida 65579
hybrids 65554
propagation 21160
varieties 21181 48994 64662 82328
Cymbidium eburneum 30205
Cymbidium erythrostylum 65553
Cymbidium grandiflorum 21057
Cymbidium insigne 39971
Cymbidium lowianum 73955
Cymbidium tracyanum 13194
Cymbidium vangie 82451
Cymbifoliella *47315
Cymbolus *43467
Cymbopogon 74344 *15338
Cymbopogon nardus 74355
Cymbopogon winterianus *56596
Cyminae 77986
Cymopolia *56307
Cynaeda *17029
Cynara cardunculus 40299
Cynara hystrix 56259
Cynipidae 16907 61123 *68907
Cynipoidea 6744
Cynocurus *73612
Cynodon dactylon 39446 58201 65077 73643
control 13542 *2340
fertilizers 82812
planting 57310
Texas 1337 90323
weed control 66000
Cynodon hirsutus 84285
Cynodon incompletus 24155
Cynomorium coccineum *11487
Cynorta *68596
Cyosoprocta n g 43541
Cyperaceae 47265 47267 64197 72407 *80937 *89281
Cyperus *11452
Cyperus alulatus 80989
Cyperus rotundus 63199
control 12375 13539 13550 13591 65934
Argentina *2368
Israel *21348
Cyphellaceae 19871
Cyphoidris n g 61143

*Text of this reference is not in English.

Item

Cyphomyia *43528
Cyphon *85673
Cyphophthalmi 93708
Cyphotheca 56218
Cypress. See Cupressus.
Cypriola *6420
Cypripedium 13258 49060 57797 74129 82379 *21084 *30369
California 73992
Hawaii 82454 82455
Cypripedium calceolus *11507
Cypripedium reginae 1919
Cyprus Dept of Agriculture 96167
Cyprus Dept of Co-operation 88859
Cyprus Forest Serv 14370
Cyprus Land Registration and Survey Dept 71534
Cyprus scariosus oil 18630
Cyriogeton *85673
Cyrtanthera 89352
Cyrtinoopsis n g 68644
Cyrtomium falcatum 28623
Cyrtomium fortunei 89833
Cyrtomium yamamotoi *47305
Cyrtonus *43448
Cyrtopeltis complex 43638
Cyrtopeltis(Singhalesia) n sgen 43638
Cyrtopeltis(Tupiocoris)n sgen 43638
Cyrtopeltis(Usingerella) n sgen 43638
Cyrtopholis portoricae 93715
Cyrtoprosopus n g 6842
Cyrtorhinus 68861
Cyrtoxiphoides n g 6842
Cyrturella n n 77827
Cysteine *70445
Cystine 83733 *8010 *8571 *11749 *70445
in animal physiology 5656 68013
in poultry nutrition 23887 76779
Cystitis 67810
Cystobasidium 81111
Cystopsora antidesmatis 56351
Cystopteris baenitzii 11513
Cystopteris fragilis *47306
Cystopus 38744
Cysts *23373 *75909 *75933
Cytaea 77606
Cytisus *21349
Cytisus praecox *2000
Cytochrome 20472 34624
Cytochrome oxidase 34375
Cytochromoxidase *12548
Cytology 63978 *20189 *28268
See also Cells; Chromosomes; Genetics; Meiosis; Mitosis; and under names of animals, insects, and plants.
Cytomixis 89848
Cytospora 81257 *72477
Cytospora chrysosperma *11942
Cytospora corylicola *89647
Cytospora kunzei 20034
Pinus 81227
Cytosporella 72464
Cytura Parent See Cyrturella.

Daboecia *13156
Dacetini 61142
Dachrys *34265 *77758 *93765
Dacinae 77872
Dacnusa 43736
Dacrydium 3755
Dacrydium bidwilli 29219
Dacrydium colensoi oil 62894
Dacrydium taxoides 72982
Dactylanthus taylori 64182

Item

Dactylaria scaphoides 56349
Dactylella 72475 81095
Dactylella lobata 19873
Dactylis 20664 29710 65183 73570
breeding 20252
feed 1400
genetics 38969 *20248
pollination 65111
Dactylis glomerata 906 907 1019 1460 64465
Dactylium dendroides 64510
Dactylochelifer latreilli 34175 68605
Dactylopsylla 6915
Dactylosternum 43412
Dacus 77872
Dacus cacuminatus 77874
Dacus cucurbitae 6509 34342 60954
Dacus dorsalis 16668 16751 34349 68725 68779 68781 93835 *85783
control 24830 77906 93907
food and host plants 16685
Hawaii 52516 77825
larvae 24793
parasites 68724
Dacus ferrugineus 68722
Dacus oleae *16739 *43197 *77884 *85716
control *34362 *43546 *52584 *93875
Israel *85764
Italy *85729 *85755
Spain *6508
Dacus tryoni 77874
Daemon *85673
Daffodil. See Narcissus.
Dahlbom A G *78008
Dahlbominus fuscipennis 34501
Dahlia 13391 28604 30168 *13247
anatomy and physiology *2079
Belgium *30320 *65793
breeding *21119
culture 48976 49040 57741 65636 74108 82332 82370 90761
cytology *89857
Denmark *30344
diseases 11693 56517 *47641 *81173 *81286 *89707
genetics *57790
Iceland *13277
Netherlands *48947 *49088 *90888
propagation *30180
varieties 21070 82343 82373 90709 *13269 *21221 *30190 *65623
Dahlia variabilis *30311
Dahurian larch. See Larix gmelini.
Dairy barns 7285 17461 25479 25494 25498 44272 53248 61590 69434 78585 94443 *61574
Belgium *35065
construction 25477 35663 44250 44257 44276 78611 *7295 *7309 *17449 *69389 *69396
costs 61608
designs and specifications 7313 17448 35080 35090 44248 44267 53247 61587 69392 78590 78595 86394 94420 94438 *7310 *35065
equipment *7051 *7409 *17269 *69396
Finland *86403
Germany *53259 *78606
insulation 7316 17453
maintenance and repair 17473

Item

Daify barns--Cont.
Norway *61607
pest control 68415 68775 85746
remodeling 44241 86383
sanitation *7305 *61583 *86311 *92711
Texas 52501
Sweden *69396
ventilation 35059 44119 44257 44275 44913 53242 53277 53283 61469
U S S R *53244 *94423
Dairy cattle 4809 *32855 *76452
adaptation 32547 92466 *15259 *32853 *84107
Azores *59493
Fiji 92706
advertising 15253 84029
Alaska 4737
anatomy and physiology 15479 84476
associations 4789 42020 84081
Australia 51298 92674
Austria *23139
Brazil *42301
breeding 4282 4297 4328 4375 4408 4423 15252 15280 15302 15314 15499 23114 23115 23164 23169 32493 32498 32499 32509 32519 32547 41968 41981 50965 50979 50991 50994 51028 51030 51032 51036 51040 51041 51073 51075 51078 67472 67483 67486 67529 67692 76007 76058 76102 76105 76128 84026 84028 84037 84101 84122 84140 84153 92173 92422 92482 *4288 *4360 *4369 *4405 *23116 *41967 *41995 *51303 *59453 *67463 *76077 *84043
Australia 32595
Austria *51058 *59526
Azores *4348
Canada 23136 84036 *59776
Denmark 76194 *4291 *76033 *84063
effects of age 32534
France *84031
French West Africa *32541
Germany *4263 *4340 *51016 *51018 *59485
Russian Zone *84072
Gt Brit 50995 59456 92480 *32489 *32525
hybridization 23108 76079 *32478 *84090 *84107 *92504
Italy *32504 *41966 *42019 *59518
linebreeding 51052 92419
Netherlands *59436
New Zealand 92488
Norway *4407 *4419 *59536 *92426 *92491
Southern States 4283
Sweden *8164 *15276
Switzerland *92507
Tropics 23147 76095 92466
U S S R *23129 *23183
Uruguay *15249
Canada 7866 15509 67468 *78951 *92704
care 4757 4798 15343 15504 15515 15522 15539 15541 23401 23457 26074 32842 42200 42282 59802 59806 67774 76445 84448 84450 *4763 *15526 *15547 *17463 *32858 *42157 *51303 *59789 *59797 *67553 *67731 *67770 *84087

Item

Dairy cattle--Cont.
care--cont.
Arizona 67776
Australia 32819
Canada *15528 *59776 *84465
Germany *32833 *51292
mountain areas *51305 *67760
Norway *76503
seasonal 4804 23272 76498
study and teaching *4810
Sweden *32816 *67555
Texas 92678
Tropics *67755
U S S R *4787 *23441 *32863 *59766 *59779 *67766
Chile *18885
Colombia *4293 *59496 *76000 *92444
cooperatives *4801
costs and returns 4462 10398 59582 71646
Germany *27729
Gt Brit 95852
Iceland *95861
Minnesota 37591
New York 55477
Cuba *15291 *15333 *42011 *76506
culling 4831 67767
Denmark *23096 *59799
drying off 23431 32873 51219 *23461 *51165
enclosures 35062 53323
feed relationships 42035 67566 *4482 *23260 *76097 *84205 *84459 *88597
feeding and nutrition 4435 4440 4442 4447 4448 4454 4458 4460 4462 4469 4484 4492 4494 4497 4502 4512 4523 4526 4757 10248 15339 15343 15344 15359 15368 15369 15370 15379 23184 23185 23186 23190–23194 23200 23204 23216 23224 23229 23230 23233 23234 23253 23254 23256 23258 23267 23268 32609 32618 32629 32642 32668 35889 42030 42039 42044 42048 42059 42060 42061 42062 42064 42078 42083 42084 42088 42091 42098 42099 42282 50965 51075 51083 51087 51095 51110 51132 51146 51183 53248 59549 59551 59570 59572 59582 59584 59591 59597 59802 67486 67570 67706 71633 76150 76155 76156 76162 76165 76166 76180 76207 76210 76215 84158 84166 84173 84187 84193 84194 84197 84210 84221 84223 84227 84230 88588 92526 92527 92538 92540 92542 92565 *4405 *4466 *4475 *4505 *5762 *8387 *15338 *23208 *23227 *23228 *32614 *32622 *32665 *32678 *42087 *51121 *51150 *51303 *59544 *59556 *59577 *59581 *59594 *59595 *59602 *59789 *59797 *67578 *76192 *84192 *84202 *84214 *84216 *84217 *88590 *92528 *92529 *92545
Australia 4507 76181
Austria *67590
Barbados 23242
Chile *4495
deficiencies 4585 *4456
Denmark 76194 *4467 *4490 *23226 *76231 *84200

*Text of this reference is not in English.

Item

Dairy cattle--Cont.
feeding and nutrition--cont.
equipment 7047 86124
Finland *15375
Germany *4420 *4515
*15329 *23222 *23265 *27729
*32648 *42080 *42101 *51114
*51117 *51148 *51151 *67576
*84199 *88598 *92549
Russian Zone *84171
Gt Brit 4474 32628
Indonesia *4493
Italy *67571
Jamaica 84212
Japan *4496
Netherlands *23199 *23252
*84165
New Mexico 32598
New York 51096
New Zealand 15347
Norway *59571 *67559
pasture 4524 15381
17867 20710 20719 23210
23262 32607 32617 32632
32672 42053 42054 48530
49490 51109 51111 51134
59583 59590 65097 65144
65181 65205 67566 67588
73580 73616 76171 76175
76183 76188 76191 76197
76198 76206 76227 76228
80314 84161 84167 84189
84196 84207 84434 90346
90352 92539 92550 92568
*4446 *23243 *67572 *67574
*76170 *84176 *84235 *92551
*92561 *92563
Germany *51124 *84170
Gt Brit 76177 84204
Iceland *95861
Japan *92555
New Zealand 15365
15386
seasonal 4510 4804
42071
South Carolina 57249
Sweden *32653 *84181
Union of South Africa
76196
U S S R *23441 *32597
*32623 *32671
Puerto Rico *1353 *44314
research 35889
seasonal 4509 23203
23240 42105 51097 67583
76152 76177 76197 *23195
*23198 *23223 *51136 *67581
*76212 *76231
Germany *51098 *59604
*92533
Tennessee 92562
Sweden *4487 *23259
*32816 *42081 *67555 *67557
*84159
Tunisia *32615
U S S R *23225 *32624
*32635 *32654 *32656 *32673
*32679 *32788 *67592 *84175
Washington 23251
Fiji 15540
Florida 4805
France 67469 *7856
Germany *32817
grading and standardization
4316
Gt Brit 23404 32521
53698
Hawaii 59528
herd classification 4831
59529
herd size 51288
history 50987 84123
housing 25469 25479
27363 44261 44265 44277
44282 51183 61593 78602
78612 84403 *17463 *17465
*23444 *53259 *53291 *86421
Canada 78596

Item

Dairy cattle--Cont.
housing--cont.
Gt Brit *25487
Sweden *53278
Switzerland *7297
Tropics *84110
India 67762
Iowa 51287
Italy *18524 *50972
Jamaica 84468
Japan 41999
Jersey 32481
judging 23180 23432
42268 51338 84431 *32821
*59755
Denmark *51057 *59523
Sweden *92697
labor 27363 *46196
U S S R *23420 *32827
*32848 *32850 *32863
Maine 15269
marketing 18919 37170
51334 54630 70845
meat production 4335
15292 15503 15506 15553
19188 23438 32823 59547
67746 *4481 *84438
Mexico *18519
milk production 4430
4775 4827 15255 15307
15501 15534 15544 15553
23091 23112 23408 32823
32852 32878 41992 42288
42293 51037 51089 51322
51323 51343 59507 59765
59801 67722 67775 76430
76431 76439 76475 84456
84476 84477 92629 92694
*4344 *4370 *4534 *4621
*4750 *15505 *15529 *15548
*23437 *23444 *32664 *32740
*32813 *32834 *32835 *32858
*42286 *42318 *51079 *51335
*59536 *59666 *59756 *67729
*67747 *67764 *76158 *76326
*76428 *76455 *84087 *84444
*84459 *92713 *94280
Australia 4738 32820
32860 42319 51330
Austria *46499 *63509
*67745
Canada *42265
Denmark *84200
effects of age *84451
effects of breeding 4254
4316 4317 4366 4757
4798 15262 15318 23144
23145 23146 41970 41976
41978 51052 59540 67521
70123 76079 76128 84118
92387 92389 92433 *4290
*4364 *4399 *23116 *23121
*23129 *23183 *32478 *32550
*32875 *41967 *41990 *51016
*51018 *51019 *51058 *59457
*59526 *69980 *76033 *76082
*76133 *76135 *76142 *84154
*92463 *92504 *92507
Spain *59500
U S S R *4325 *23439
effects of disease 4649
23271 23286 *32734 *51235
*67697
effects of feeding 4465
4473 4478 4489 4509
4757 4798 15354 15388
15531 17867 19166 23191
23193 23197 35762 32607
32608 32631 32657 32672
42035 42053 42061 42071
42106 42107 48489 51082
51086 51089 51120 51137
59593 59596 67265 67564
67573 67588 76149 76152
76157 76163 76175 76177
76178 76179 76191 76199
76204 76211 76215 76220

Item

Dairy cattle--Cont.
milk production--cont.
76227 76228 76235 84161
84190 84223 84237 91462
92524 92540 92560 *4436
*4450 *4482 *4517 *4527
*4787 *15357 *15366 *23212
*23222 *23225 *23246 *23260
*23464 *32599 *32646 *32648
*32664 *32665 *32670 *32793
*32875 *42063 *42085 *51088
*51112 *51115 *51117 *51130
*51136 *51138 *51139 *59555
*59580 *59599 *59771 *67540
*67548 *67553 *67557 *67559
*71660 *76135 *76151 *76187
*76192 *76195 *76200 *76209
*84175 *84176 *84181 *84183
*84214 *84219 *84229 *87049
*92549 *92552 *92556
Sweden *59546
U S S R *92518 *92558
*92572
effects of light *76471
effects of milking 42256
*92690
effects of temperature
15510 15533 *32853 *84110
Germany *4340 *4830
*23390 *23442 *37600 *42318
*51017 *51292 *51331 *59775
*67743 *67768 *76421 *84475
Russian Zone *84205
*84483
Gt Brit 19165 23086
35606 67756 88586
India 76474
Israel *15502 *92717
Italy *84438
Norway *92690
seasonal 4765 15537
18021 32838 67742 71645
71646 76227 79118 80355
84443 87038 87039 *4739
*4762 *4802 *15525 *15536
*67778 *69960 *76441 *84488
Sweden *4739 *32864
*51062 *51310 *76434 *84460
*92697 *92708
Switzerland *23462 *51301
Union of South Africa
42617
U S S R *23414 *23420
*23436 *23446 *23452 *23453
*23465 *23467 *32824 *32827
*32844 *32845 *32846 *32848
*32850 *32854 *32880 *41998
*42271 *42289 *42290 *42298
*48225 *51168 *51324 *59764
*59794 *67724 *67725 *67750
*67757 *67773 *76443 *76477
*76499 *84482 *92700
Estonia *23468
Lithuanian SSR *32849
Netherlands *15300 *76476
New Zealand 67691
Ohio 32836
pedigrees 4381 23159
67530
prices
Gt Brit 67756
New York 36628
records and testing 4759
4799 15512 15543 23412
23430 23470 23471 32484
32558 41946 41953 41955
41969 42001 42002 42262
42270 51032 51322 51346
59530 59754 59759 59784
59811 67529 67730 67740
76079 76149 76420 84453
92388 92395 *4750 *4816
*23444 *23454 *32814 *42315
*51335 *51341 *76478 *92676
*92701
Argentina *51285

Item

Dairy cattle--Cont.
records and testing--cont.
Australia 4751 4752
23400 32820 32859 32860
32871 42263 42285 51286
51330
Austria *4266 *4363
*42276 *76480
Balearic Islands *76495
Brazil *92703
Canada 15508 23408
32496 59758 *4808
Denmark 4753 84440
92693 *4292 *42299 *67741
*76047 *84474
Ecuador *76106
England *84452
Europe 4789
Fiji 59788
France *84031
Germany *4339 *4344
*4758 *4782 *23425 *23442
*32881 *42277 *51295 *59775
*67721 *67777 *84452 *84490
*92677 *92687
Russian Zone *84072
*84483
Gt Brit 32851 50995
59447 67487 67739 76482
*84048
Italy *32504
Jersey 4390
Kansas 84454
Majorca *67772
Netherlands *4803 *51295
New Hampshire 23451
New York 59778
Norway *59787 *92491
*92591
Ohio 23403 42000
Spain *59524 *84444
Sweden *32857 *42311
*42312 *51291 *76077 *76434
*92708 *96184
Switzerland *51295 *59455
Tasmania 76419
research 42260
New Zealand 15501 32879
sanitation 15428 15519
23428 42278 51307 51308
51309 59767 *23424
conferences and congresses
87082
selection 4831 15499
23119 41992 67752 84118
*4344 *4348 *42004 *92692
Canada *42265
U S S R *23121
shelters 61584
shows 4736 23399 59806
67465 67752 67774 76438
76483 76491 84478 *23410
*23426 *59459
Germany *15303
Gt Brit 15520 *32525
Norway *4407
Spain *4811
Switzerland *59455
Sicily *23127
Southern States 59508
Spain *78969
statistical methods 86932
statistics 19166
Austria *62886
Denmark 4753
Gt Brit 35606
Idaho 95321
Western States 69733
Sweden *32864
taxation 37170
Tropics 67573
types 15307 15323 23146
23163 32498 51003 51211
51338 59530 59759
Germany *4320
Spain *76463
Union of South Africa 15321

*Text of this reference is not in English.

Item

Dairy cattle--Cont.
U S S R *32569 *32867 *76013 *84051
Venezuela *15259
watering 4528
weight and measurement 23191 23408 76020 *67477 *84444
Western States 67522 92490
See also Bulls; Calves and heifers; and under 4-H Clubs.
Dairy Cooperative Association 17903
Dairy Farm Management Competition 76487
Dairy Herd Improvement Associations 46449 51299 59778 84453
Denmark *51317
Iowa 51287
Sweden *32877 *42311 *42312 *51314 *51344 *51348
Dairy Herd Improvement Scheme (Australia) 42262
Dairy industry 7876 7916 7929 8746 18010 23469 25900 25945 25958 35668 37164 44786 69905 84450 86519 *17845 *17858 *35629 *35796 *35847 *53707 *53718 *62050 *69874 *78949 *78950 *78965
accounting 7872 7923 7936 88552 *7896 *7931 *44748
advisory services 25905 44752 44759 53715 53751 69894
Canada *7927
Germany *7882 *25917 *35628 *44747 *62207
Alabama 25939 86898
Argentina *7858 *25907 *25908 *94698
as an occupation 78978
associations 53700 69893 86900 *35648
Brazil *17826
California 86873
Canada *35639
Finland *7921
Germany *7854 *35616 *69966 *69971 *86847
India 78964
Indiana 7889 86853
Netherlands *7850
New Zealand 78973 86876
Australia 7888 35635 44758 62006 92674 *7945
Austria *35626 *86869
Belgian Congo *25894 *69876
Belgium *69892 *69959
Brazil *17850 *25910 *25942 *42301 *62044 *86887 *86888 *92703
California 17818 53723 53752 69923 78966 *69886 *94708
Canada 10260 44777 51329 *7900 *7953 *11104 *35610 *35637 *62027 *78951
Central America 35618
Channel Islands 53705
conferences and congresses 25891 53729 69916 69937 69946 78948 *25913
Brazil *25909 *86850
Canada 62040
Connecticut 86837
France *17817 *35614
Germany *7955 *17944 *86854
international *17825
Italy *25936
New Zealand 86875 86886 94713

Item

Dairy industry--Cont.
conferences and congresses --cont.
Vermont 53750
Washington 17861
Connecticut 53722
cooperatives 8045 8046 8047 8074 17904 17914 25903 26043 26044 26049 26050 26054 35619 35714 35716 35721 44751 44851 44852 44860 44862 44864 44871 44877 44882 44883 70042 70049 70095 79078 86948 *8056
Argentina *35720
Austria *35742 *94778
Brazil *53901 *62168
Canada *8061 *44870 *62106
Colombia *86961
Denmark 17921
France *8216 *53831
Germany *8063 *44855 *69966 *70080 *70094 *79075 *86947 *86957 *86968
India 26062
Indiana 44848
Ireland 35713
Italy *8067
Michigan 26055
Netherlands *8037 *86974
New England 62127
New York 8043 53808
New Zealand 17906 35252 94784
Norway *17915 *70077
Spain *17919 *26041 *26833
Switzerland *86944
Texas 70092
costs and returns 4335
17842 27645 27736 51042 51299 69889
Australia 10387 19173
California 10378 27714 88563
Canada 46487 *69879
Delaware 71626
Germany *10414
Gt Brit 19168 88556
Maine 55475
Michigan 10426 71628
Mississippi 27740 71645 80355
New York 19164
Northeastern States 80258 95854 95855
South Carolina 10418
Vermont 55467
Denmark 53745
*7871 *7891 *7892 *17856 *53736 *62035 *69896 *94720
directories 8278 45002
Canada 17819
France *25892
Gt Brit 25898
New Jersey 26058
New York 8132
New Zealand 44774
Pacific States 69949
documentation 53733 69929 78976
Egypt 53703
equipment 7017 7049 8183 8198 8225 8256 8283 17285 17842 17959 17960 17974 44267 44966 44992 44993 45003 45022 45045 53933 53949 61390 61661 62188 62201 62202 62203 62214 62226 69167 70182 70186 70272 78389 79086 86217 *8251 *8266 *8307 *8322 *8326 *17997 *26233 *26254 *35795 *35840 *35861 *35862 *44129 *44975 *53962 *53974 *70228 *70261 *70269 *94283

Item

Dairy industry--Cont.
equipment--cont.
Australia 8262
Austria *45014
Denmark *34999
France *8212 *54011
Germany *62207 *69277 *70212 *70245 *70246 *79173
Gt Brit *8233 *26170 *44997
New Zealand 26247
U S S R *26217 *44967 *53931 *53994 *94731
Europe 44779 53735 53741 *44749 *53713
exhibits 35611
*7894 *7924 *25950 *35627
farms 25203 27664 32839 35818 35819 35820 42308 51308 73554 *94218 *94467
Australia 4819 71578 77138 80302 88520
Brazil *32865
Colombia 59440 *71537
Connecticut *80303
Denmark *55368
equipment 17277 25265
Europe 95797
Germany *25163 *55354
Gt Brit 10346 15523 34739 55362 62199
Kenya 42294
layouts 6946
management 4755 10302 10356 12720 19082 19105 23186 27625 27645 32874 37536 37546 37651 42199 42287 42304 42307 46384 51083 51251 51296 51312 55375 59761 59795 59810 63512 71579 76460 78612 80275 88485 92422 95791 95799 *32855 *55415 *76461 *84064
Australia 71557 76487
Austria *63509
Canada 10260
France *71566
Georgia 84434
Gt Brit 17970 37505 51327 88467
India 19109
Ireland 59584
New England 80258
New Zealand 76502
U S S R *42298 *59782
Missouri 67510
Netherlands 76488 *51318
New York 19164
New Zealand 37468 55384 *19116 *27642
Oregon 7887
Pennsylvania 29751
Tasmania 52002
Union of South Africa 10264
U S S R *4817 *59803 *59794 *61570 *62123 *67779
Estonia *50968
Wisconsin 80268 *71543
Germany *69909 *69942 *94725
Finland *94740
Florida 62008
France *7856 *25892 *62000 *69954
Germany *7894 *7898 *7911 *17846 *17857 *17918 *25960 *35623 *35632 *35651 *35665 *44757 *62005 *62010 *62019 *62043 *69902 *69924 *69926 *69956 *69962 *69967 *69970 *81974 *86845 *86863 *86896 *94722
Gt Brit 7886 7933 44768 53735 71661 76427 78959 86849 *55241

Item

Dairy industry--Cont.
Gt Brit--cont.
Scotland 62036
Wales 94719
Greece 86833
history 25943 44745 86872 *25897
Australia 4819 7859 7906 25916
California 44771 86873
Canada 35643 76459
Germany *7903 *69947 *86892
Gt Brit 25964 86844
Netherlands *7956
Norway *96193 *96221
Roman Empire *7922
Sweden *53716
Union of South Africa 61999
Virginia 84437 86852
India 7855 62054
Iowa 17556
Italy 35602 *17820 *42305 *44769 *86869
Japan 7930 *69975
Jersey 84030
Kentucky 53749
Kenya 25895
labor 17960 42306 55096 55101 62188 63301 69167 79121 95680 *18903 *46183 *88285
Canada 27413
Connecticut 80086
Denmark *7891
Germany *7862 *7898 *9912 *9923 *9939 *9973 *27315 *69903 *71343 *80341 *88592
Gt Brit 18948
Michigan 37248 37249
Netherlands *9920 *37237
New Zealand 25929
U S S R *25927 *25961 *26113
legal aspects 26050 *7920
legislation 53857 69912
Gt Brit 35631 62007
Louisiana 7873
Madeira *69927
Massachusetts 35781
Mexico 69907 *17823
Missouri 44750
Netherlands 7862 *7925 *17838 *25922 *78986
New Hampshire 70043
New York 17855
New Zealand 7914 25962 44791 53734 53737 62030 67753 86858 *17834 *25919
Norway *7864 *7939 *7947 *35650 *35669 *44741 *53744 *62046 *62051 *62052 *69878 *69897 *69968
occupational diseases 76357
Oregon 14149 86880
periodicals *7897
pest control 52571 60559 60560 68739 77839
Philippines 69958
policies and programs 17908 35634 55851 69961 86841 94743
Argentina *44744 *44770
Australia 7861 7917 17822
Austria *35624
Brazil *17851
Canada 35746 *53706
Europe *69914
Florida 57264
France *8212 *35659
Germany *25926 *44756 *62014 *62133
Guatemala *25890
Illinois 53898
India 35661 44742

*Text of this reference is not in English.

Item

Dairy industry--Cont.
policies and programs--cont.
New Zealand 78955
Oregon 62037
Puerto Rico *7860
U S S R *44762 *44763 *44764 *53696 *53719 *94739
Uruguay *69884
Vermont 53740
Portugal *69957
productive capacity *7895
public relations 8035 8068 8090 26033 26034 26042 26067 44847 44853 44854 53810 53811 53817 53837 53838 53840 62117 62125 70044 70054 70059 70061 70081 70087 79080 86965 94786
Canada 35746 86945
France *70074
Germany *69951
New York 8069
Oregon 35737
Washington 17927
Puerto Rico *7899 *7932
records 70095 86879 *35658
regulation and inspection 17937 26098 86945 *53860
research 8234 17961 51294 59765 62018 62274 79184 87054 94843 *8205 *26173 *26187 *26219 *26228 *44775 *53960 *94861
Alabama 87053 94833
Austria *45013
Denmark *44980
France 87048
Germany *8214 *69965 *70232 *87121
Gt Brit 17970 17980 18006 53959 87091
India 8254 25920 45053
Italy *94865
Netherlands *53954
New Zealand 70251
Oregon 79183 79185 87125
Spain *87088
Switzerland *8245 *15135 *17979 *18008 *18020 *19725 *26192 *79174
U S S R *25978 *26149 *26186 *26187 *26237 *94873
Wisconsin 8295 45037
Ruanda-Urundi *25894 *69876
sanitation 7049 8183 8225 8242 8244 8304 15519 17266 17681 17842 17975 17976 18004 25974 26172 32839 34915 35689 35818—35820 44374 44973 44977 44982 44987 44999 45003 45018 53924 53936 53950 53951 53987 54015 59657 61390 62197 62226 78389 79166 79175 79186 86217 87045 87058 87069 87073 87083 87112 87113 87127 *23437 *35800 *35821 *35847 *53917 *53957 *53962 *53974 *53990 *62200 *62236 *70188 *70226 *70227 *70228 *70242 *70249 *70254 *70261 *79122 *79156 *86213 *87050 *94611 *94849 *94860
equipment 78382
Fiji 94842
Germany *8124 *17944 *44923 *44968 *62265
Gt Brit 62199
Italy *62254
Nigeria 87047
Northern Ireland 87085
Norway *79137

Item

Dairy industry--Cont.
sanitation--cont.
Puerto Rico *8273
U S S R *45009
Sicily 35602
situation and outlook 8162 17824 17831 17843 25896 25941 25951 25965 35607 35620 35655 35670 44760 44761 44772 53700 53727 53732 53738 53746 53747 54012 62024 62045 62056 69882 78961 78968 78975 86855 86874 86889 86890 86893 94706 94707 94723 *17815 *17841 *17854 *62003 *62016 *62017 *69945
Arizona 53704
Australia 18197 35644 53725 69901 *86871
Austria *35641 *54634 *86846
California 35625 69917
Canada 17835 69928 78953 78970 *62009 *62028 *62038 *69940
Central America 25904
Colombia *7904
Florida 53743
France *8089 *35622
Germany *7878 *7935 *7949 *7952 *17828 *25906 *25967 *53753 *62022 *62034 *69934 *69935 *69939 *69964 *86831 *86865 *94703
Gt Brit 7868 35617 44740 69931 94711
Indiana 86886
Italy *7863 *7869 *7908 *35600 *35601
Kansas 86857
Kentucky 17853
Missouri 62053
Morocco *35662
Netherlands *17821
New Zealand 62031
Northeastern States 44400
Norway *53699 *53728
South America 25904
Southern States 53702
Spain *35656
Sweden *35608
Switzerland *17859 *35757
Tasmania 44754
Texas 78982
U S S R *94696
Uruguay *78954
Western States 94718
South America 35618
South Carolina 25947
Southern States 62011 69887 86836
Spain *35640 *35646 *69880 *69944 *78969 *86864
statistics 26257 54022 54023
Australia 35869 54020
Canada 35870 *70292
Denmark *8335
Netherlands *8334 *79189
Norway *8336
South Carolina 94885
Switzerland *8337 *78952
Tasmania 62280
study and teaching 35615 35664 62018 69890 84467 *7918 *8320 *62049
Australia 35613
Austria *17849
Canada 27413
Florida 7875
France *35605
Germany *7870 *7919 *62049 *69965 *69969 *69972 *69977 *86885
Gt Brit 94724 *86867
India 25920

Item

Dairy industry--Cont.
study and teaching--cont.
Norway *69875 *69922 *86860 *86891
Southern States 53739
U S S R *25911 *25923 *25925 *25927 *25931 *25937 *25938 *25955 *25963 *26091 *44776
Wisconsin 8295
subsidies *55342
supplies 17819 *35849
Sweden 7954 69900 *35642 *35665 *35667 *86897
Switzerland *25933 *35658 *69932 *86835 *86869 *86884 *94742
taxation 37177
Germany *63290 *71288 *71289 *71290 *71291 *71292 *71293
Tennessee 44785
Texas 69888
Tobago 62001
Trinidad 62001
Tropics 69976 *69911
Union of South Africa 25959 35790
U S S R 86856
*26184 *26240 *53709 *67757 *94697 *94715
Uruguay *7852
Virginia 78958 78963
Washington 10248 69948
waste 53955
fertilizers *31306 *58602
water supply 87096 *62218 *70177
Western States 2906 86851 86894
Wisconsin 35652 45036 *7946
Yugoslavia *84466 *94732
See also Dairy barns; Dairy cattle; Dairy products; Goats, dairy industry; Milk; Milk houses; Milk plants; Milking machines.
Dairy Industry Committee 25900
Dairy Industry Insurance Agency 86875
Dairy Month 62117 70044 70054 70059
Dairy products 7890 7915 17977 44786 94741 *7926 *8300 *17991 *35666 *35841 *62164
advertising 8081 53842 79065 86950 *35710
analysis and composition 44804 69991 69993 70016 86901 *7974 *8004 *17892 *44806 *53756 *53779 *69989 *86914
Argentina *10996
Netherlands 70022
U S S R *25970
and disease *35759
bacteria 8015 17872 25975 25985 70109 78780 78995 86906 86984 87058 *7966 *25971 *62087 *62185 *70000 *79020
bibliographies 45068
Brazil *7934 *35654 *88248
Canada 86839
care and handling 62250 70119
chemistry 25995 78989 *25977 *53778
consumption 8079 17833 44872 69899
France *8034
Italy *7869
Western States 86851
contamination 8097 35762 70016

Item

Dairy products--Cont.
costs and returns 10356 17652 37603 44948
dried 18001 35797 *44931
enzymes 7977 17878 53773
fat 53765 *44826 *53756 *62074 *86933
fermented 26136 26137 70179 70180 *17876 *26135
flavor and odor 44915 53773 86988 *25977
frozen 8274 62260 70195
grading and standardization 26114 53877 62154 70109 78780 86977
Germany *8131
Gt Brit 86984
India 62136
Switzerland *44928
U S S R *44897
homogenized *87123
hydrogen-ion concentration *35807
India 25948 62004
Italy *44769 *86827
judging *8113
keeping quality *94806
manufacture 35660 53913 53919 54012 78984 79121 79142 87086 87113 94868 *8320 *17928 *35807 *35824 *35851 *62185 *62221 *70263 *87052
Canada 8331 *62180
Germany *8199
Mississippi 35703
U S S R *26144 *45054
marketing 8072 8079 17916 17924 25655 35725 44873 53812 53828 53830 62100 62118 70048 70064 70068 78984 79064 86959 *53718 *87105
Belgium *26039
Canada 8331
France *35710
Germany *7898 *87015
Gt Brit 51327
Missouri 79074
Netherlands *26115
New Zealand 53834
Norway *53824
statistics 17923 44872
Switzerland *25933 *70045 *94776
Union of South Africa 53843
U S S R *44885
microorganisms *8003 *8004
moisture 44804 *53779
New Zealand 53802
nutritive value 11127 26232 38075 55931 *17821
oxidation 17931 17932 44915
packing 26114 *45050 *70157 *94822
pasteurized 8116 35762 53789
prices 27736 44958 62174 *8177
Belgium *26039
control 44957 62173 70173
Finland *70166
France *35710 *35779 *87041
Germany *8172 *9923 *69903 *69955 *70167 *87034
Kansas 86857
Southern States 79115
Union of South Africa 35790
properties 78993 86901 *53778
public relations 53826 70069 *8080
purchase and sale programs 17925 44958 53815
quality 44873 53866 70048 70119 92560 *8177 *17928 *42063

*Text of this reference is not in English.

Item

Dairy products--Cont.
quality--cont.
France *35710
Germany *69969 *87015 *94806
U S S R *26103 *26113 *44935
refrigeration 8229 35817 53945 62204 62205 *45063 *70211 *70265
regulation and inspection 26081 26114 62154 94794 *19487 *44920
Argentina *8135
Gt Brit 94800
Netherlands *26115
Oregon 53857
U S S R *26091 *53871
research 8017 17957 78989 78993 79146 87108
situation and outlook 17832 17833 25930 69899 78984 *44753
Canada 79084
Chile 44746
Germany *69951
starters 8219 8249 8275 25986 26178 26222 35799 62189 62232 79138 79188 87044 94834 *7966 *8003 *8207 *35833 *53975 *62087 *62225 *62247 *62248 *70184 *70198 *94838
statistics 26256 26260 45075 54024 87128
sterilization 70259
storage 62250 *44931 *70203 *70263
Sweden *35744
tests 7964 44807 53765 79027 *8012 *25972 *35690 *94764
trade 19511 *19487 *44753
Argentina *8135 *10996
Denmark *28124 *55854
Germany *88951 *94772
Italy *19476 *38050
Netherlands *10967 *19489
transportation
Canada *35732
Norway *35728 *35736 *44846 *44876
U S S R *44935
utilization 35706 62118 *26200
vitamins *17876 *44978
Dairy Queen 70195 79092
Dairy Research Institute (New Zealand) 70251
Dairy Service Units 23403
Dairyland Cooperative Association 70049
Dairymen's Co-operative Sales Association 44852
Dairymen's League Cooperative Association 8046 8047 35716 44883
Dalbeen *50871
Dalbergia *56276
Daldinia concentrica *47344
Dale C W 78288
Dallis grass. See Paspalum dilatatum.
Dalmosanus n g 93746
Dal'nevostochnyĭ Nauchno-Issledovatel'skiĭ Institut Lesnogo Khozĭaĭstva, Khekhtsirskiĭ Opytnyĭ Leskhoz *50251
Daltonia splachnoides 195
Damalinea bovis. See Bovicola bovis.
Dammerman K W *38201
Damodar Valley Corporation 19300
Damping-off 11925 56563 72678

Item

Damping-off--Cont.
alfalfa *413
Althaea rosea 11918
beans 72623
clover *19954
Coniferae 56537 *47479 *50330
ornamental plants 74553
papaya 72761
peanuts 72653
peppers 11867
Saponaria 28945
seedlings 20033
vegetables 11768
Dams 14105 31140 66562 66975 74704 82983 83016 83032 *14240
Argentina *21873
Oregon 21833
Puerto Rico *21953
Spain *2885
Texas 74860
Union of South Africa 14094 74797 83007
U S S R *2964 *22478 *67038
Danae 24778
Danaus plexippus 16944 34563 34584 61249
Dandelions. See Taraxacum.
Dandridge D 47041
Dansk Anlaegsgartnerforening *40002
Dansk Hedeselskab *11159 *37988 *89079 *96168
Dansk Hörforskningsinstitut *48356
Dansk Piledyrkerforening *31517
Danske Landboforeningers Frøforsyning *88015
Danske Mejeriers Faellesindkøb *53736
Danthonia 64172
Danthonia compressa 12075
Danthonia raouli 90411
Daphne cneorum *28611
Daphne mezereum *66091
Daphniphyllum macropodum 47759
Dargida procincta 6784
Dartia *34186
Dasturella 81112
Dasycampa rubiginea 78210
Dasychira 6768
Dasychira fascelina 43850
Dasycladus clavaeformis *56307
Dasyhelea 68787 85789 *43520
Dasyneura *85722
Dasyneura affinis *85712
Dasyneura brassicae *6575 *52431
Dasyneura hebefolia 43525
Dasyneura tortrix *60907
Dasyproctus ceylonicus 16927
Dasystachys *11452
Dasytes 52460
Dasythamnion n g *28647
Dasytidae 93779
Dasyuris polata 17047
Date Growers' Institute 57496
Dateplum persimmon 82199
Dates 55468 57496 *18227
anatomy and physiology 706 47763
Argentina *90595
California 27715 48751 95843
culture 1714 48759 82172 *20896
diseases 47373 *72650
fertilizers 49879
grading and standardization 54328
harvesting *25416
Iran *47705
irrigation 48759 49879
marketing 8689 8690 8700 54257 54295

Item

Dates--Cont.
Morocco *28518 *65399
North Africa 8609
Pakistan 39786
pests 52112
pollination 57500
processing 39786 *54381
products 26451
Sahara *48754
Spain *65403
storage 8861
thinning 48752
varieties 48752 56661
Datisca cannabina *47745
Dattinia *16939
Datura 39227 *81586 *89331
Datura ferox 64579
Datura stramonium 12433 *30585
Datura tatula 64884 77957 *64690
Daucus carota *2443
David A 38196
David J P A 28288
Dawson W 89130
Daxata 93778
Day lily. See Hemerocallis.
DD 30596 38837 38840
DD mixture 14248
DDD 6542 6546 16951
DDT 6477 16282 24755 43154 68981 85424 86045 *5929 *16301 *43261 *52196 *68385 *77191
adjuvants 16262 85469 *93789
analysis and composition 52184 *16296 *68505 *93526
ant control 68909 *25017
application 5928 16274 *33900 *34974 *44161
chemistry 60627 77317 77318 85462 93923
cotton pest control *6810
determination 16272 33940 33950 68523 *4059 *26637 *52198 *77303 *85465 *87687 *93523
effects on animals 51250
effects on bacteria *82730
effects on insect populations 93355
effects on plants 1021 12255 28768 77705 *52169 *86061
effects on poultry nutrition 60133
effects on soils 40507
emulsions *43690
fly control 16700 34325 43183 52546 60987 93850 *85721 *85727
forage plant pest control 24757 *52137
forest pest control 85989 *24374 *33840 *33894 *78052
formulas 16274 85441
fruit pest control 6775 6814 24769 52115 52352 52661 78187 93355 *6682 *24810 *77225 *77257
tests 24363
grain pest control 5951 *43690 *68709 *77807
grassland pest control 16547 43425
hazards and safeguards *43270
household pest control 6638
insect resistance 6554 6566 6733 25131 33887 34332 34366 34367 34692 37331 52562 60979 68726 68745 69038 85805 93921 94103 94109 *6547 *16721 *43746 *60941 *85707 *93822 *94213
livestock pest control 6568 68392 85567 86074 *5690 *22980 *43391 *60753 *85724

Item

DDT--Cont.
louse control 17144
mite control 43183
mosquito control 6587 6602 6607 6608 6616 6621 6625 6626 16764 16767 16773 16776 16782 16786 24894 24900 43183 43610 43614 43618 52601 61006 61023 68792 68797 85829 93923 *6585 *6606 *52597 *93918
India 61009
Indonesia 43619
Java *93914
Malaya 16781
Netherlands *93913
Venezuela 61007
physiological action 16264 17131 43503 43518 68486 68491 93514 *16602 *24432 *24886 *43432 *43898 *85440 *86055 *93911 *93925
plant pest control 3497 6774 16581 16837 16855 17081 34632 52788 61060 77722 93982 *16857 *24957 *68424 *93828 *94001
properties 60628 *93549
radioactive tagging 34350 85799
related compounds 16283 85462
residues 7537 8095 16306 16307 16787 16868 20257 24439 26665 33918 33920 34333 36162 42043 52192 52546 53865 60133 62918 68421 68481 85469 *54321 *87687
in soils *16495
rodent control *11189
seed pest control 5963
sheep pest control 24183 24185
soil pest control 68690
solvents 60626
storage pest control 85691
synergism 24869 34367 60830
termite control 52891
tests 16258 33920 34325 68806 78238 *52118
tick control 34170 77627 85546 *16500 *34195 *60753 *68615
toxicity 6607 6705 16259 24435 93518 *43270
bees 6231
beneficial insects 52352 *93750
livestock 16273 52179
man and animals *32387 *85451
poultry 68486
silkworms *86061
wildlife 77287
vegetable pest control 16951 24930 24974 25056 34553 43862 52809 60579 61151 68421 89604 *5971 *6879 *34289
Deafness 67881 *55630
Dearness J 89124
Debaryomyces mrakii 81083
Debilisiphon n g *68848
Debts. See Indebtedness.
Decarboxylase 64887
Decline
citrus 28775 29026
Decompression. See Vacuum.
Decorsea n g *56276
Deep suture 89727
Deer 17507 32303 73627
as pests 11207 11661 14635 *31760 *75354 *75355
Defense Production Act of 1950 78809 78810

*Text of this reference is not in English.

Item

Deficiency diseases 15174 92332 *4166 *4179 *32249
cattle 4585 67714 77001 *15363 *15460 *23239 *59615
British West Indies 67631
French West Africa *32750
Germany *67703 *76299
Gt Brit 42108 84322
New Zealand 84272
Sweden *32762
treatment *76321
U S S R *51233
ducks 5375 51650 68069 76843
foxes *15633
Gt Brit 50911
horses *51479
livestock 75832 *3999 *22995 *32337 *41853 *59172 *59267 *59358 *83852
poultry 23908 33307 76854 *15805 *42669 *60160
prevention *92324
rabbits 51763
ruminants 83872
sheep 15998 42936 68240 68252 77001 *24156
Gt Brit 42108
New Zealand 84272
swine 16095 51967 85274
turkeys 33250
See also names of diseases; and subhead deficiencies under Human nutrition; Livestock, feeding and nutrition; Plants, nutrition, and names of animals and plants.
Deflexula 56326
Deformities. See subhead abnormalities under specific subjects.
Degeneration diseases
grapes *72829
sugarcane *64797
Degenerative myositis. See White muscle disease.
Dehra Dun Forest Research Institute *31419
Dehydration 53547 61483 69263 94599 *53558
equipment 7601 25367 35386 78488
See also Dehydrofreezing; High-frequency heating, in food processing, and subheads dried; drying under specific subjects.
Dehydration (pathological condition) 68094 *41795
Dehydroacetic acid 79521
Dehydroascorbic acid 26474 48175 55918
Dehydrofreezing 7613 35406 86648 86655 *44564
Dehydrogenase 1055 1069 64805 81758
Deightoniella 38528
Deilephila elpenor 43857 68956
Deilephila euphorbiae *25059 *68915
Deinanthe coerulea *81423
DeKalb Argicultural Association 42808
Delacroixia coronata 64297 *679 *81088
Delafond H *64041
Delany Mrs 28416
Delaware Bur of Markets Poultry Div 42732
Delaware-Lehigh Experimental Forest 58675
Delaware-Maryland Crop Reporting Serv 5472
Delaware State Board of Agriculture 19599
Delaware State Forestry Commission 41043

Item

Délégation Française sur les Causes de la Haute Productivité Américaine *95708
Delesseiaceae *11564
Delilah 52421
Delonix regia 74034 *2068
Delphacodes 77933
Delphacodes striatella *29000
Delphinium 21196 40015 40142 48906 57721
anatomy and physiology *73033
breeding 65730
culture 1989 2007 48985 57778
genetics *38997
germination 40010
varieties 73989
Delphinium barbeyi 12517 84360
Delphinium glaucescens 57932
Delphinium loscosii *72379
Delphinium orientale 80947
Delphinium staphisagra *89221
Delta Council 71398 71399
Deltocephalini 85835
3'-Demethylisolariciresinol 41581
Democracy 10108 27973 80486
Demodex 85543
Demodex canis 92744
Demonax 93778
Demonstration farms 37815 80286 80452
Belgium *95818
Canada 73635 *19115
France 88494 *27613 *46383 *71558 *88471
Germany *37492
Gt. Brit 20485
Greece 27924
Morocco *10294
Netherlands *48491 *88515
North Carolina 95789
Norway *10252
Oklahoma 82137
Pennsylvania 90328
Texas 10623 55430
Union of South Africa 37533
Dendrides n g 68644
Dendrobium 28542 65692 80975 82383 82406 82407
Dendrobium bigibbum 13161
Dendrobium nobile *39951
Dendrobium sanderae surigaense 11497
Dendrobium superbum 72857
Dendroblatta *61274
Dendrocalamus strictus 39116
Dendrochronology. See Trees, rings.
Dendroctonus 67049 *77664
Dendroctonus brevicomis 6501
Dendroctonus engelmanni 24724 34217
Dendroctonus frontalis 16557
Dendroctonus micans *93792
Dendroctonus pseudotsugae 85634
Dendrolimus pini *16987 *61135 *94133
Dendrolimus sibiricus *85750
Dendrolimus spectabilis *52795
Dendrometer 89200
Dendropanax *72372
Dendrotrypum n g *85687
Denmark Askov Forsøgsstation *21998
Denmark Landbrugsraadet 11161
Denmark Statens Bisygdomsnaevn *6183
Denmark Statens Forsøgsmejero *44980
Denmark Statens Forsøgsvirksomhed i Plantekultur *361

Item

Denmark Statens Husdyrbrugsudvalg Forsogslaboratoriet *24224
Denmark Statens Planteavlsudvalg *23446
Denmark Statens Plantepatologiske Forsøg *28737
Denmark Statens Skadedyrslaboratorium 55961
Denmark Statens Ukrudtforsøg *2399 *49254
Denmark Statistiske Dept *25748
Denmark Statsfrøkontrollen *71097
Denmark Udenrigsministerium *94261
Denmark Veterinaerdirektoratet *15153
Dengue 61017
Dental programs 19311
Dentathalia *52716
Denticollis 77663
Deodorants 32901
Depressaria 78088
Depressaria nervosa *68441
de Rabié 17048
Deracantha onos *61266
Derelomus 6466
Dermacar-Serag *23510
Dermacarus 6370
Dermacentor *24710
Dermacentor albipictus 16492 24704
Dermacentor andersoni 6365 16492 52346 93730
Dermacentor antrorum *60789
Dermacentor dissimilis 52374
Dermacentor marginatus *24705 *60753
Dermacentor occidentalis 23298
Dermacentor pictus *43397
Dermacentor variabilis 34168 34169 52346 68602
Dermanyssidae *34211
Dermanyssus *68628
Dermanyssus americanus 5086
Dermanyssus gallinae *6387 *24714 *84906
Dermaptera 78255 81118
Africa 43913 86081 *61310
Gt Brit 43133 43914
Missouri 61295
Turkey 86075
Dermatitis 4103 6795
dogs 67840 84506 84512
livestock 16006 60183 *24758 *93162
Dermatobia cyaniventris See Dermatobia hominis.
Dermatobia hominis *6574 *24681 *24873 *43490 *52533 *93839
cattle *60893 *68718 *85583
control *60893 *93905
Dermatocarpon 11604
Dermatomycosis *22926
Dermatopelte n g 34508
Dermatophagoides 60791
Dermatosis 76555
Dermea 28882
Dermestes *6469 *24749 *52451 *85650
Dermestes ater 60831
Dermestes cadaverinus See Dermestes ater
Dermestes lardarius *68714
Dermestes maculatus 43474 60831
Dermestidae 52451 *24749 *85650
Derris 2454 *6075 *66084 *68517 *85382
See also Rotenone.
Derris elliptica 2455
Derthisa *78075

Item

Descanso Rose History Garden 65660 90827
Descolea *81119
Descurainia 72357
Desert lands
Chile *63597
irrigation 14128
U S S R *12099 *21127 *21934 *21943 *41708 *66609 *82972 *91405 *91442
Desert locust. See Schistocerca gregaria.
Desert Locust Advisory Committee *25090
Desert plants 11393 56808 *20420 *28546 *56808
Desert soils *75258
Deshenov T *92876
Desmidiaceae *38912 *81074
Canada *230 *28652 *38505 *72455
Norway *47317
Sweden 81066
Desmobaris n g *60834
Desmodium 39019
Desmodium discolor *1388 *82018
Desmodium ovalifolium 30931 91325
Desmofischera 80992
Desmogramma *77662
Desmolase 29490
Desmopachria 16664
Desmopterella 69011
Desmopterina 69011
Desoxycorticosterone acetate *4918
Desoxyribonuclease 68757
Desoxyribosenucleic acid 16159 20440 89949
Desserts
frozen 78974 79129 79177 94875 94878 95360
Sweden *8907
Detergents 8304 9412 18004 25721 26358 41792 44579 44973 45018 51574 53987 54085 62259 62961 67805 68004 70229 76760 84678 87045 87267 87675 *35363 *35821 *94611 *94860
Dettol 42136
Deudorix *34626
Deuterepipona n g *52694
Deuteronoda n g *52404
Deuteronomos alniaria 43752
Deuterons 64569
Deuterophlebia coloradensis 34365
Deuterophoma tracheiphila *11736 *11749 *12257 *38649 *56781 *89571
citrus *416 *47557 *56489 *81249
Deutsche Akademie der Landwirtschaftswissenschaften *46700 *71784
Deutsche Forstverein *83202 *83220
Deutsche Gesellschaft für Holzforschung *91551
Deutsche Gesellschaft für Hygiene und Mikrobiologie *8124 *17944
Deutsche Gesellschaft für Züchtungskunde *67243
Deutsche Landwirtschafts-Gesellschaft *770 *1603 *4241 *7023 *7268 *7894 *8121 *8131 *15248 *15309 *25216 *37797 *44805 *45112 *46707 *52933 *53872 *53873 *54059 *54060 *55689 *62143 *69970 *70127 *70137 *70245 *70246 *71854 *86994 *86999 *87000 *87001 *87002 *87003 *87004 *87012 *87013 *87014 *88786 *88860 *88888 *94909

*Text of this reference is not in English.

Item

Deutsche Landwirtschafts-Gesellschaft--Cont
Futter- und Grünlandabteilung *57302
Deutscher Bauerntag *10656 *80199
Deutscher Müllerbund *87611
Deutscher Raiffeisenverband *46783
Deutzia 38456
Dew 80811 *2981 *73269
Dew-point tester 36381
Dewberries 865 20069
Dewlap *24099 *33506
Dextrins 79611 *54665
Dextropur *32255
Dextrose See Glucose.
Dhanus 85549
1,1 di(p-ethylphenyl)-2,2-dichloroethane See 1,1-Dichloro-2,2-bis(p-ethylphenyl) ethane.
Diabase *49708
Diabetes 15602 89043
Diabetes insipidus 15603
Diabetes mellitus 84531
Diabrotica longicornis 52459
Diabrotica undecimpunctata howardi 38756 77772 93756
Diacasol *44827
Diacetyl 87063 *8221 *25849 *53930
Diactenis 68933
Diadasia bituberculata 85909
Dialeurodes citri 16808
Diamanus montanus 52887
L-Diamino acid dehydrogenase *60119
Diamino acids *6897
4-4 Diaminodiphenylsulfone *92277
Diamond-skin disease. See Swine erysipelas.
Dianella n g *85648
Dianova V *13491
Dianthidium(Spinanthidium) 6725
Dianthus 9732 21135 30236 *38475
anatomy and physiology 995 47741 73110 81408
culture 1971 2112 13251 13413 21098 30957 39979 40671 65632 73927 82442 *1935 *90900 *90901
equipment 7056
Italy *30154
Riviera *48900
Sweden 82382
diseases 287 20072 28978 28979 28990 38678 38827 47606 47611 47614 72689 72810 72823 *11708 *81266 *89662 *89663
control 19918 72841
transmission 38759
fertilizers 2812 30957
hardiness 57629
pests 19918 *52796
propagation *13221
varieties 1885 21135 40062 40132 65614 65651 65738
Dianthus caryophyllus *6567
Dianthus monspessulanus 64611
Dianthus suberbus *89346
Diapause 16127 43114 61108 61261 69004 85955 86018 94055 *61270
Diapensia 89816
Diapensia lapponica 47219 89354
Diaphania hyalinata 17063
Diaphania nitidalis 17063 78095

Item

Diaphanidus *60806
Diapheromera femorata 6845 6852
Diaphragmatic hernia
cats 51417 76526
dogs 4857 23487 32909 51405 59856 84510 *4911 *4914 *67844
mules *59930
Diaporthe 72728 72787
Diapriidae 6747
Diapromorpha *68684
Diarrhea 16754 23498 50898 60477 92759 *92605
See also Scours.
Diarsia florida 52760 52778
Diarthronomyia *85722
Diarthronomyia chrysanthemi *24802 *52545
Diarthronomyia hypogaea 34311 68774
Diaspididae 16800 *94037
Diaspidinae *77984
Diaspis boisduvallii 16803
Diaspis carueli 34441
Diaspis visci 61054
Diastase *56966 *61844 *79591 *94516
Diastephanus *52691
Diastolinus *16595
Diastosphya 68644
Diastrophus rubi *29113
Diatomaceae 11561 19782 56939 72454 72458 *223 *11559 *28656 *56310
anatomy and physiology 81594 *47768 *73029
China *221
ecology 12105 *231
Gt Brit *11553
Germany *218 *64275
New York 89427
Portugal *28660
Scandinavia 89424
*28643 *47325
Diatraea 6756 25029 25072 60905 *61161 *61162 *68912
Diatraea considerata 6755
Diatraea grandiosella 94050
Diatraea saccharalis 43781 52794
Argentina *68984
control 94100 94112 94142 *17072 *17073 *43861 *52792 *86002 *94056
Louisiana 25044 61166 94101
Peru 94057
Diatypus *6410
Diazo compounds 45171
Diazomethane 54111
Dibolia 52460
1-2 Dibromoethane 14251
Dibutyl-naphthalene-sulfuric acid sodium *11824
Dicanthium 12412
Dicarboxylic acids 3613
Dicentra spectabilis *2059
Diceratalebra n g 85884
Dichaea tennis 81025
Dichaetochilus *6410
Dichaetomyia *93863
Dichaetothrips 25137
Dichanthium *38424
Dichapetalaceae 72413
Dichapetalum 72413 *115
Dichelacera 16682
1,1-Dichloro-2,2-bis(p-ethylphenyl) ethane 43594
p-Dichlorobenzene 394 95399 *56680
Dichloroethane. See Ethylene dichloride.
Dichlorophenol-indophenol method 54724
2, 4-Dichlorophenoxyethyl sulfate 13540

Item

2,4,-Dichlorophenoxy propionic acid 73124
1-3 Dichloropropene 14251
Dichonia areola. See Xylocampa areola.
Dichromic acid 36153 87369
Dichrooscytus *77992
Dichrostachys cinerea 47806
Dichrostachys nutans 13634
Dicopur *65979 *74312
Dicraeus *60951
Dicranum *47316
Dicranura vinula *34586
Dicrobezzia 60926
Dicrodontus 52460 *77750
Dictionaries 321 80726
Dictyna 77602
Dictyonidae 77602
Dictyoarthrinium 38528
Dictyocaulus 59735
Dictyocaulus filaria *77008
Dictyocaulus viviparus 67412 *67685
Dictyochrysa 34707
Dictyonannus n g 6653
Dictyonemobius n g 6842
Dictyopeltis *242
Dictyophora *68824
Dictyophora duplicata *19879
Dictyosporium 28666 81092
Dictyosteliaceae 28716
Dictyostelium 29119
Dictyostelium discoideum 73259
Dictyuchus pseudodictyon 28689
Dicyphus *68867
Dicyphus minimus *16791 *16826
Didymella 93725
Didymella applanata *81251 *89664
Didymodon *47312
Didymonycha *52489
Didymoplexis 47291
Didymopsorella 28718
Didymosphaeria 72487 *47348 *72471
Didymosphaeria elaeagni *89573
Didymozoophaga n g *38549
Dieback 792 11813 64539
Betula 22372 28916
coffee *56493
Ulmus 479 3497 28850 28863 33837 38707 47578 56516 72746 77287 81299 81304 89632 *64468 *81309
Connecticut 11808 28890
New Hampshire 11776
Diehlia n g *72503
Dieldrin 6005 6059 24455 68492 68521 68806
ant control *78021
cotton pest control 77681
effects on plants 77289
fly control 16723 16740
fruit pest control 52661 77244
grasshopper control 52854 69001
mosquito control 43594
residues 52195
seed pest control 34225
toxicity 33923 51761
turf pest control 68689
vegetable pest control 52809
Dielectric heating. See High frequency heating.
Diella 81055
Diet. See Human nutrition, diet.
Dietert Solfat Determinator 53765
Dietetics 28178 *46960 *96111 *96130

Item

Diethyl p-nitrophenyl thiophosphate. See Parathion.
O, O-Diethyl O-p-nitrophenyl-phosphate. See Parathion.
Diethylcarbamazine 42371
Dietitians 11046 38098 46958 63902
Dietysus *43467
Diexis *61273
Digestion 41826 50706 67362 92299 *32408 *59179 *67343 *75897 *83825
cattle 4448 4540 4564 4651 15337 23350 32658 42043 67708 76193 76276 76320 84233 *4698 *23387 *51194 *76239 *84289
goats 4564 67708
horses *23617 *51487 *92848
insects 61250 *24770 *24771 *43406
livestock 3846 83923 *3952 *32314
poultry *5287 *33303 *42590
rabbits *42875
ruminants 41845 59210 67357 *4011 *41832 *75795 *83921
sheep 5666 5670 24157 42919 *42917 *76239
swine 33653 60476 *85212
Digestive system *83845
arachnids 85570
dogs 15578
horses *59944 *59974
insects 24506 78220 86082 *78267
poultry 5301 *68070
ruminants 42119 42162 *3980 *15997
Digitalis *21395 *64883 *73321 *91102
anatomy and physiology 851
diseases 11928
Digitalis ferruginea *32720
Digitalis purpurea 29488 81719 *914 *28593 *56829 *56966
Digitaria 30542 52825 57922 82579 *11452
control 21343 21356 21359 21394 21420 30539 30622 57989 65927 66000 66013 66029 66038 91022
Digitaria decumbens 82833
Digitaria sanguinalis 47944
Diglyphus 34508
Digonatopus *6699
2-4-Diguanadirephenyl-lauryl-dihydrochlorate *92276
Dihammaphora *34218
Dihammus 52433
Dihydroquercetin 3751
Dihydrostreptomycin. See Streptomycin.
Dihydrothiamine *978
Dihydroxy diphenyl sulfone 18581
6:4'- Dihydroxy-5:7 dimethoxyisoflavone 41580
2,5- Dihydroxy 3,6-diphenyl p-quinone 64895
2:4-Dihydroxyphenyl 1-p-methoxyphenylethyl ketone 75696
Dikes *31146 *91403
Diketogulonic acid 26474 48175
Dikraneura 61037 85884 93939
Dikrella 43685 85884
Dikrellidia n g 85884
Dilaktorskii N V *47043
Dill *44685
Diloba 94123
Dilophospora graminis *19966

*Text of this reference is not in English.

Item

Dimeria 47221
Dimeriellopsis *242
2, 6-Dimethoxy-p-benzoquinone 70705
O,O-Dimethyl dithiophosphate of diethyl mercaptosuccinate. See Malathon.
Dimethyl p-nitrophenyl thiophosphate
toxicity 33921
Dimidium bromide. See Phenanthridinium.
Dimmockia *6736
Dinaria n g 43888
Dindymus versicolor 34476
Dinitro capryl phenyl crotonate *72674
Dinitro compounds 30614
Dinitro-o-cresol 6052 16260 56771 56852 65924 93545 *33886 *40314
forest pest control *33895
toxicity 13601 24435 60675 65924
Dinitro-o-cresol sodium salt 60675 *17097 *29420
Dinitro-o-sec amyl phenol 21354
Dinitro-o-sec butyl phenol 2383 20263 65944 65975 91093
2, 4-Dinitrophenol 12442 15602 24819
Dinitrophenols 16284
Dinitrophenyl 567
Dinoderus ocellaris 16639
Dinoflagellates 47320 47327 64281
Dinophtalma *34265
Dinurothrips hookeri 43905
Diochlistus 6555
Diogmites 34308 *24792
Diogoa n g *80957
Dioncophyllaceae 47212
Dione vanillae *85980
Dionysia 1886
Diores 77631
Diorinae n subfam *24754
Dioryctria amatella 78136
Dioryctria splendidella *86021
Dioryctria zimmermani 85999
Dioscorea. See Yams.
Dioscorea bulbifera 90076
Dioscorea chouardii *89306
Dioscorea hispida 20462 49370 73339
Dioscorea nervosa *12527
Diospyros discolor 12171
Diospyros ebenates *62579
Diospyros hebecarpa 73318
Diospyros lotus. See Date-plum persimmon.
Diospyros melanoxylon 59106
Diourbelia *6736
Diparopsis 25031
2;2-Di-p-chlorophenyl-3-methylbutane 85462
Dipetalonema ewansi *67389
Diphenyl 70647
Diphosphate 1069
Diphtheria 60353
Diphucephala 77760
Diphyllobothrium latum 23491
Diphysicum 89401
Diphysicum cumberlandianum 89390
Diplatys 43913 86081
Diplocarpon rosae 64432
Diplocaulobium 28542
Diplococcus pneumoniae *84291 *93171
Diplodacus n g 77872
Diplodia 72464 *38517 *47348 *72471 *72650
Diplodiella 72464
Diplodina *38517 *47348 *72464 *72471 *72477

Item

Diplogrammus sexlineatus *77716
Diploidy. See Polyploidy.
Diplolepis 78053
Diplophlyctis laevis 19888
Diplopoda 16481 43374 77622 85553 *52345 *77625
anatomy and physiology 6343
Brazil *68623
Cyprus 85597
habits and behavior 68598
parasites 60769
Tennessee 16480
Diploptera *6874
Diplorhinotrichum 28686
Diplosiacanthia 43676
Diplotaxis 77685 *89845
Diplotaxus liberta 34300
Diplura. See Entotrophi.
Diprion hercyniae 52727
Diprion pallidum *85904
Diprion pini *34231 *34506 *61128 *68877 *68893
Dipsacaceae *28538 *47275
Diptera 43522 43558 52538 60995 68787 93852 *60974 *77831 *85756 *85773 *85784
Africa 85792 *43514
anatomy and physiology 34330 77821 85743 *6515 *16674 *24825
and disease 34394
Arctic Region 43555
Argentina *43489
as parasites 24353 *16749
as pests 24823 *52505 *68767
as predators 52579 93901
Australasia 43557 60981 77872
Belgium *34377
Connecticut 52519 60906
eggs 77853
food and host plants 52503 60916
France *16737 *16742 *24871 *34377
Germany *68753
Gt Brit 16732 34315 43133 52511 60914 77875
habits and behavior 16667 34309
Hawaii 60927
India 85766
Ireland 68778
Italy *16757
Japan 6536 34340
larvae 43527 77895 *6573 *24860 *43550 *93869
Lesser Sunda Islands *93863
Middle East 85780
Netherlands *93867
nomenclature 43544 52499 60971 68720
North America 68765
pupae *60970
rearing and breeding 24877 34356
Sweden *34370 *77890 *77930
Switzerland *34377
taxonomy 77894 *60908
U S S R *24825 *24842 *24863 *60983
Dipterocarpus 41403
Dipyron *33048
Dirca 48918
Dircema *77662
Dirofilaria immitis 42364 84526 85809 93303 *4043
cats 92750
dogs 4867 32911
Discocalyx 56245
Discomycetae *258
Discomycetes 28712 56342 *28681 *29115 *72503
Discosia *72505

Item

Discosporium *72505
Discussion groups 10936 10938 10939 19459 19460 38005 46909 55811 80597 96080 *46908 *96077
Disdercus *24962
Diseases 4217 34450
See also Bacterial diseases; Deficiency diseases; Degeneration diseases; Health; Hereditary diseases; Immunization; Phytopathology; Veterinary medicine; names of diseases and vectors; and under Insects; Livestock; Plants, and names of animals, insects, and plants.
Dishwashers 19686 38262
Disinfectants 55992 *32414 *35565 *41801 *45726 *62200 *70149 *70156 *75934 *84065
Disonycha 16528
Dispersis 47291
Displaced persons 27760 46186 71782
Finland 10438 *55589
Germany 10447 18965 27830 *19192 *27754 *55593 *71667 *71668 *95889
Russian Zone *37731 *63671
Distegella n g *52722
Distemonanthus benthamianus 41580
Distenia n g 68644
Distillers' Feed Research Council 59169 70310
Distilling 53642 *18763 *35454 *45561 *61954 *70730 *70731
Australia 25776
Austria *53656
India 95541 95542
Distoma hepatica. See Fasciola hepatica.
Distomatosis. See Liver Fluke.
Distylium racemosum 50625
Disynstemon n g *56276
Ditches 57927 *14502
Dithane *72720
Dithiocarbamates 26542 56532 64426 68506 94568
Dithiocarbamic acid 11932
Dithizone 58119
Dithmarus 93979
Ditylenchus 72892
Ditylenchus destructor 602 *29045
Ditylenchus dipsaci 607 608 72897 *598 *47674
Diuresis 5577
Diversified farming 10003 19130 27617 *10307
Argentina *27665
Australia 5520 40587 71708 88460 88520
Brazil *27660
Canada 63506 *19090
Colombia *46315 *55279
France *10397
Germany *95813
Gt Brit 10280 37530 46390 55390
Israel *81875
Kenya 10321
Netherlands *46482
Rio Grande Valley 57515
Southern States 19101 27648 62805
Texas 55398
Tobago 27670
Trinidad 27670
Union of South Africa 80314 *88525
U S S R *9991 *10310 *27607 *27639 *37558 *46361 *55319 *88345

Item

Diversipes 85562
Divona *16939
Dixidesmus 16481
Djakarta Nutrition Institute 38106
Dneprpetrovskiĭ Gosudarstvennyĭ Universitet *40991
DNOSBP. See Dinitro-o-sec-butylphenol.
Dociostaurus maroccanus 34679 *25102 *78215
Dock sawfly. See Ametastegia glabrata.
Documentation 46211 *19007
Brazil *27951
Colombia *27547
forestry *74968 *74976
Dodder. See Cuscuta.
Dodecatheon *30174
Dodecylbenzene sodium sulfonate 78725
Doets, C *96214
Dog foods 4854
Dogs 4848 4948 15612 23521 32946 42398 51425 59876 67850 76573 *76583
abnormalities 42352 76509 *4883
age 76580 *59819
anatomy and physiology 4876 59850 *4879 *4885 *4918 *4923 *4930 *32937 *42354 *84533
and disease 4868 51374 *4164 *4563
as predators 32948 51423 51862
Australia 84493
breeding 4836 32886 42391 50952 67801 84495 84499 84565 92726 *42323 *51354 *59813 *59819 *67785
as an occupation 76510
Australia 42322
Germany *32898 *76513
New Zealand *42322 *60046
Norway *67792 *67800
Sweden *67800
breeds 4844 4848 4851 15566 23521 32889 42334 76511 84495 92724 *15613 *32956 *42325 *51360 *67795
Afghan 32892 *51356
Appenzell *67794
Basenji 32888 92727
Beagle 4912 15558 32893
Belgian Sheepdog *76507
Groenendael *42333
Malinois *51355
Bloodhound 4849 4850 59817
Border Terrier 42324
Boston Terrier 23483 67832 76558
Bouvier des Flandres *59814
Boxer 4838 32894 59825 84502 *23476
Briard *59814
Bulldog 15554 15565 59821
Bull-mastiff 15563
Bullterrier 42330
Cairn Terrier 4833
Catahoula Hog Dog 67782
Collie 42339 51412 84496 *15555
Coonhound 42341 76515
Dachshund 4841
Miniature *51365
Dalmatian 76508
Dingo 84493
Doberman Pinscher
Miniature 23482
Dogue de Bordeaux *23476

*Text of this reference is not in English.

Item

Dogs--Cont.
breeds--cont.
Fox Terrier 4834 4842 59816 84510
French Bulldog 15564 67793
German Shepherd 67786 *15586 *59823 *67802 *92740
Greyhound 84492 84513 *51361
Hound 32890 *15557 *15567
Kelpie 67799
Maltese *51364 *76514
Mastiff *15569
Newfoundland *32899
Norwegian Elkhound 23485 *67780 *67781 *67783 *67784 *67787-*67792 *67797 *67798 *67800 *67803
Norwich Terrier 4832
Pekingese 67796 *42329
Pointer 42327 59818 *23479 *32895 *51353
German Shorthaired 4847
Pomeranian *59820
Poodle 23477
Poodle-Pointer *15568
Retriever 42336 59815
Chesapeake Bay 4835
Rhodesian Ridgeback 15562
St Bernard *4837 *23484
Scottish Terrier 32887 92720
Sealyham Terrier 4843
Setter 42327 84498 *4883
English 4852
Irish 15599
Spaniel 51357
Cocker 4839 4840 4845 32936 42335 42337 42338 42340 51362 67801 76509 92724 *42331
English 42326
English Springer 32891 32896 32900
Staffordshire Terrier 15554
Terrier 76512
Tibetan Terrier 42328
Weimaraner 23478
Welsh Corgi 92722
Wolfhound
Russian 92721
care 4873 4880 4940 4950 15617 23523 32951 42391 51431 59863 59874 59880 67853 67854 76580 *4941 *23531 *76576
Germany *32947
Norway *67792
seasonal 76578
color 4846 23481 42337 51362
cytology 51387
diseases 4834 42391 59863 76564 *4908 *23518 *23531 *59858
control *32942 *42386
diagnosis 42377 92755 *92769
Madagascar 15574
Mexico *42361
Netherlands *76552 *76569
transmission 84551
treatment 4854 4856 4870 4873 4886 4889 4897 23509 32905 42376 67826 72195 *4884 *23520 *23531 *32913 *51371 *67839 *84519
estrus 92754
feeding and nutrition 4853 4854 4855 15570 32901 32902 32903 42376 42391 51366 59826 67805 *4951
folklore 4949
genetics 4846 23481 76509 *59813 *67785
Gt Brit *67783
growth 67805
habits and behavior 4939 23532 32936 42337 42393 *4937 *4951 *15620 *59820 *67852
hairless 67846
Hawaii 15614
history 23534 76584 *15567 *23524 *32952
Norway *67781 *67787 *67798 *67803
housing 4917
Hungary *67795
injuries 42349 51400 *34517
foreign objects 4864 23513 32910 51410 *51420 *92734
intelligence *4937
Ireland 51359
judging 32949 *15618 *32956 *51353
legal aspects 59869 84562
marketing 4943
names 32955
Netherlands *67784
parasites 4867 15577 23491 42364 42378 42381 42391 51377 67815 67843 76556 76566 85579 *32928
Ceylon 42371
control 32904 *23511
Oklahoma 76562
transmission 42942 *15594
parturition 76559
pedigrees 4840 32886
pests 4860 25140 34170 *61297
pet 23527
poisoning 15580 67828 67834 76551 84507 84538 *32943 *67822
pregnancy 42367
psychology 4939
purchasing 51428 *15619
records and testing *42323
restraint 76543
seeing-eye 15616 42392
selection 4944
shows 23530 32950 32953 42397 51424 51426 51428 92726 92775
sporting 4851 15558 23535 32889 32890 67851 *4934 *4938 *4945 *15618 *15619 *42323 *67788 *67789 *67791 *76575 *84533
Germany *59879 *67852
New Zealand 60046
Norway *67797 *67849
training 4947 32954 *4936 *76574 *84561
Wyoming 84564
stud books 51359 *15561
Beagle 23475
German Shepherd *42342 *92728
Greyhound 15559 15560 42322
Harrier 23475
Terrier 92725
surgery 4866 4874 4894 4895 4909 4913 15582 42364 51405 51421 67825 84515 84539 92732 *4911 *67807 *92734 *92736
Switzerland *15561
terminology 67847 *42345
training 4935 4942 15615 15616 23536 32944 32950 42335 42390 42392 42394 42396 51427 51429 67786 76577 84565 92771
training--cont.
92772 92773 *15613 *32945 *42395 *51430 *59872 *59879 *67849 *76576 *76582 *76585 *84560
Germany 23529
Malaya 59870
transportation 23525 23526 59868 79718
war use *84560
weaning 32936
working 4942 76508 92770 92774 92776 *23476 *23533 *42325 *51360 *51430 *76579
New Zealand 23522
training 59877 *59875
wounds 51416 *4890
See also names of anatomical parts, diseases, and parasites; and under Anesthesia; Artificial insemination; Blood; Embryos; Fetus; Obstetrics; Photography; Semen; Sex.
Dokkiocoris n g 43675
Dokuchaev V V *48227 *58143
Dolerus niger *16903
Dolichoderinae 6745
Dolichodorus heterocephalus
celery 47687
Dolichogryllus 6842
Dolichopeza *52552
Dolichopodidae 16695 77827 85751 *85782
Dolichos *56276 *84216 *92563
Dolichos lablab. See Hyacinth Dolichos.
Dolichotetranychus 93717
Dolichoxipha 6842
Dolomite 40949
Dombeya rotundifolia 3294
Dominican Republic Comisión de Defensa del Azúcar y Fomento de la Caña *88040
Dominion Dairy Conference (New Zealand) 94713
Donaspastus n g *85956
Donidia n g 85884
Donisthorpe H S J K *19671
Donkeys. See Asses.
Doors 31932 41494 59015 75553 *41472 *69407 *92055
Doralis fabae See Aphis fabae.
Dorcadion *6419
Dorcadion fuliginator *16619
Dorilas 6525 6529
Dorogov's antiseptic stimulator *41801 *51851 *67409 *84690
Doronicum 89883
Doryclus 34308
Doryctes 16929 *68879
Dorylaea *61274
Dorylas 6525
Dorylinae 77887
Dorylocratus *77764
Dorytomus 43409
Dothichiza populea *72727
Dothidella insculpta *28683
Dothiorella 72464 *28671 *72471
Douglas D 38206 *96204
Douglas' semilunar fold 4222
Douglass A E 28449
Douglasfir. See Pseudotsuga taxifolia.
Doumpalm *3913
Dourine *15694 *67910
Doves. See Pigeons.
Dovyalis caffra *8812
Downy mildew
Antirrhinum 64450
apples *11958
barley 472 *28955
beets *56570
cantaloups 11937
cucumbers 28867
grapes 28878 *405 *435 *499 *11737 *11779 *11869 *11874 *19972 *28871 *38651 *38683 *38740 *47536 *56526 *56540 *64464 *64481 *72622 *72627 *72639 *72672 *72715 *81206 *81298
Austria *64485
oats 89587
onions 56427 *382 *20062 *56486
peppers 394
soybeans 28886
tobacco 47463
Dracaena *11452
Dracocephalum moldavica *39004
Dragonflies. See Odonata.
Drainage 2915 14056 14067 14091 14139 14142 31178 39692 40818 43613 49845 58439 58487 72798 74522 74751 74752 83039 86115 91429 *2905 *2918 *14077 *21524 *31119 *40862 *66474 *66511 *66521 *66533 *82958 *91391
Africa 2895 31084 58444
Arkansas 21905
Australia 14117 31177
Austria *49877 *58420 *83021
California 58467
Canada 2890 2910 40799 91434 *31087
canals and ditches 2986 91398 *2894
Finland *40805
Netherlands *74823 *83036
Norway *41152
Sweden *14080 *66895
Coachella Valley 74779 74780
Denmark *2958 *31092 *31116 *31117 *31135 *40811 *58416
Egypt 74690
equipment 31173 40837 66481 *21892 *49876 *74733 *74786
Denmark *40810
Germany *74785
Norway *58425 *74735
South Africa 21885
U S S R *31121 *74784 *82947
Finland *2933 *40839 *58432
Florida 21914
France *31070 *49909 *66534
Germany *2965 *14114 *20500 *40838 *58379 *66564 *83001 *91416
Gt Brit 14063 31079 58421 82997
Iceland *74753
Idaho 58447
Iowa 49885
Ireland 14120
Italy *31075 *31125 *49926 *66578 *74700 *74723
Kansas 74761
Midwestern States 49851
Missouri 2893
Montana 74694
Morocco *40783
Netherlands 74717 74769 74818 74822 82986 82988 *2912 *2965 *10495 *21869 *31113 *31159 *31172 *58476 *58490 *74737 *82952 *83008
New Zealand 21977 49546 49886 74742
Norway *40850
Ohio 2919

*Text of this reference is not in English.

Item

Drainage--Cont.
Puerto Rico 74759
Senegal *31126
Sweden *31083 *46586
Texas 21835
tile 14064 58433
74803 83011
Union of South Africa 49723 *82977
U S S R *38868 *82999 *83033
Draperies 19678 38250
47073 47084
Drapetis insularis 60947
Drapetisca 16491
Drepanolejeunea *89403
Dressmaking. See Sewing.
Dreyfusia nusslini *93989
Driers. See subhead drying, equipment under specific subjects.
Drilidae *68663
Drills 61434 61444
*3438 *34863 *44068 *53059
*69206 *69215
Drino *52557
Droogmansia *64178
Dropping pits 33366
Dropsy 67608 84053
Drosera *73112
Drosera indica 703
Drosophila 24798 34369
60961 60962 73165 93841
*68734
anatomy and physiology
16734 34346 34381 68757
77861 77867 93866 *24852
*24872 *60932
Brazil *52551
control *6541
cytology 60899 60962
68768
diseases 52512
Europe *60908 *60925
genetics 6506 16714
24801 24814 24837 24844
24874 34320 43496 43504
52523 52548 60921 60959
60962 68762 77812 77866
77901 85735 93834 *6522
*34310 *38997 *68751
habits and behavior 24804
hybridization 68747
Japan 85748
larvae 93866
Lebanon 24850
Nebraska 85788
New Zealand 77848
North Carolina 60980
nutrition 6531
populations 24850
Tennessee 60980
Drosophila americana-texana-novamexicana complex 60897
Drosophila cardini 24866
Drosophila crucigera 81099
Drosophila euronotus 60957
Drosophila fasciata *60948
Drosophila funebris 34347
Drosophila hydei *52526
Drosophila littoralis 60959
Drosophila magnarcus *52529
Drosophila melanica 60989
Drosophila (melanica group) 60957
Drosophila melanogaster
6560 24788 34391 52568
*85714
anatomy and physiology
6511 6543 6572 16696
16697 16736 16756 24788
24791 24832 24833 24848
34327 52568 60917 60988
68740 68744 85730 85731
85735 85769 *16678 *43562
*52585 *85732 *85772
breeding 24836
cytology 43493 68746
77851 77853

Item

Drosophila melanogaster --Cont.
diseases 16675 24806
24841 34334
ecology 16698
eggs *68773
genetics 6530 6561
6576 6577 16681 16688
16689 16694 16698 16753
24797 24803 24808 24812
24815 24819 24828 24834
24838 24867 34324 34326
34338 34357 34386 34390
43534 43543 43568 52509
52515 52534 52549 60896
60910 60922 68727 68738
68741 68747 85778 93829
93853 93893 *52569 *60936
*85738
insecticide resistance 85710
larvae 77846
nutrition 24806 24841
43532
parasites *43724
Drosophila (melanopalpa group) 60990
Drosophila montana complex 60961
Drosophila (mulleri group) 60958
Drosophila (obscura group) *34368
Drosophila paulistorum 77830
Drosophila persimilis 24798
77838 77905
Drosophila pilimanae 81099
Drosophila pseudoobscura
16719 24798 34318 77838
77864
Drosophila repleta 34307
Drosophila (repleta group) 60960 60990 85726
Drosophila robusta 24829
34348
Drosophila simulans 68747
Drosophila subatrata 80884
Drosophila subobscura 43505
Drosophila virilis 52589
Drosophila (virilis group)
60897 60898 60931 60959
60961
Drosophila wheeleri 60958
Drosophila willistoni 77829
77885
Drosophila (willistoni group) *77871
Drosophilidae 60993 60994
77848 *77871
Drought 10293 38271 90445
96235
Algeria *7420
Argentina 3904 26705
55844 57061 *14672 *66651
Arizona 88517
Australia 46067 51351
Brazil *56088
effects on forests *31759
*31762 *58847
Australia 75360
effects on insects 24912
77838 85643 85808 *61027
*78059
effects on livestock 84353
effects on plants 38391
38865 66053 81672 *847
*920 *12250 *12727 *29376
*56919 *57322 *57364 *81661
*81691
Argentina *65080
Near East 47716
Netherlands *293
U S S R *81620
effects on sheep 33558
33566 42926
India 66560
Israel *19693 *19915 *57453
Japan *66157 *88168

Item

Drought--Cont.
Southwestern States 64081
Tennessee 92562
Texas 29618 89151 92548
Union of South Africa 49984
*56085 *88525
U S S R *31085 *31632
*48227 *58877 *66126 *74836
See also subhead drought resistance under Plants, and names of plants.
Drug plants 2462 2479
13728 *2459 *2474 *2475
*2505 *13683 *13692 *21475
*30643 *30653 *30707 *66065
*66093 *75938 *82635 *91107
*91137
Africa *13725
anatomy and physiology *916
Argentina *2493 *3535
*13719 *21459 *66071 *74372
*74373 *82637 *91121
Austria *2440 *58032
Brazil *30692
chemistry 63193
culture *13659 *30701
*49342
Argentina *58039
Germany *2513 *30672
*40335 *46054 *63192 *80002
history 2422
illustrations *58016 *74348
*74353
India 57996 91113
Indochina *12520
Indonesia 58010 58038
63189 63193 71194 *74393
Italy *2488 *30652 *74346
Ivory Coast *30673
Japan *74374
Mexico *64871
Morocco *13709
Netherlands *2420
New Caledonia *40332
Pakistan 2462 30674
58049 66076
Pennsylvania 82604
Poland *85437
Spain *66079 *91135
Switzerland *30656
Texas 13667 66061
U S S R *30670 *47860
*58042
Venezuela *13734
Yugoslavia *66078
Drugs 4876 5088 9101
42719 75945 *15179
contamination 5972
effects on dairy products 53964
pests 16217
Druna K *67575
Druthmaris 52622
Dry cleaning 47070
Dry eye rot 11952
Dry farming 29675 29759
29797 31034 49520 84166
*14030 *31058 *48480 *83111
Argentina *49981
Australia 1109 21640
Balearic Islands *40771
Brazil *14027 *30856
Colorado 39569
Italy *1124 *65190
Mexico *2669
Spain *1373 *12771 *40833
Union of South Africa 12784
Washington 30874
Wyoming 73499
Dry ice 36195 *87491
Dry rot 14804 83534
potatoes 56500 *81256
*89622
wood 75495
Drying of foods. See Dehydration; and under names of commodities.

Item

Dryinidae 52719 *6698
Dryinus tarraconensis *52724
Dryocoetes autographus *77753
Dryocosmus 78053 *68887
Dryophilus 52460
Dryopteris sclerophylla 11519
Dryopteris setigera 28622
Dryopteris subpubescens 29326
Duabanga sonneratioides 22733
Dual purpose cattle
15290 23112 32529 41974
42296 76057 *4350 *23455
*51079
feeding and nutrition 76202
France *59450
Germany *23153
Gt Brit 23112 59541
84141
meat production 76202
*4406 *84070
Norway *4406
U S S R *4331 *23466
*32570 *76091
Dual purpose sheep 24195
*23455 *24120
U S S R *42910 *60314
*68202
Dual Purpose Shorthorn Club of Canada 59454
Duboisia 28510
Duboisia hopwoodii 65957
Duboisia myoporoides 48165
Duck eggs 42761 87951
*9581 *24076 *60256
Ducks 5426 24011 68148
84943 *15942 *33386
abnormalities *33165
anatomy and physiology
23989 *5293 *33304 *60185
breeding 84751 *5142
breeds *33129 *60009
Khaki Campbell *33172
*67962 *84762
Muscovy 42515 42547
*33174 *42527 *84763
Pekin *33165 *84802
Rouen *23779
Canada *95374
care 15930 24074 42547
51692 60263 68129 93052
*23999 *33369 *42807 *68141
*68145 *76901
Germany *5510
Philippines 84948
U S S R *24077 *60212
Denmark *5142 *5501
dressing 36773 62976
egg production 15929 *42807
feeding and nutrition 5240
8415 23839 51595 60088
*23840 *23877 *33197 *33236
*33386 *42617 *76754 *84762
*84802 *84827
Germany *60249
growth 23839
hatching 15930 *15897
*51702
hybrids 92917
marketing 45906 62976
meat production 63561
68115 *42617
molting *42775
Netherlands *60249
parasites 5348 23917
33350 42647 84889 92985
Michigan 76790
Philippines 5421
sexing *42823
U S S R *33197
See also Duck eggs; names of anatomical parts, diseases, parasites, and products; and under Embryos; Sex.

*Text of this reference is not in English.

Item

Dudleya 11488
Dudleya abramsii 65693
Duerst U *19669
Dulcedo n g *25026
Duluth Board of Trade 45505
Duméril 43544
Dumont C *17099
Dumpcarts *53207 *53208 *69350
Dunalia *81028
Dunbar P B 80766
Dunes. See Sand dunes.
Dunkley process 7634
Duodenum 33600 *33738 *75938
Durgades miocenica *5874
Durra *29563 *48280
Durvillea antarctica 72457
Duss A *80767
Dust explosions *18442 *26729 *31931 *58950 *67212 *87606
Dust. See Soil dust.
Dusts and dusting 38598 56328 85466 *5954
by aircraft 33912
equipment 7175 17393 25392 34200 47538 61499 61506 69293 86145 94373 *7183 *17400 *25395 *25399 *25404 *81254 *86319 *94384
electric 44157
Germany *53144
formulas 72550
hazards and safeguards 24440
Oregon 72483
properties 34497
tests 24974 33925 34230 69293 *52668
See also Fungicides; Insecticides; names of dusts; and subhead spraying and dusting under specific subjects.
Dutch clover. See White clover.
Dutch elm disease. See Dieback, Ulmus.
Duvernoia 89352
Dwarf coconuts *20887
Dwarfing corn *12024
Dwarfism
cattle 15408 15426 23128 32516 41937 41996 67502 76044
Dyakina *6874
Dyakinodes n g *61274
Dyakocoris n g 6669
Dyes 33335 83602
effects on plant disease 528
effects on plants 785
plant sources 13657 *74341
tracers *77181
Dying. See under Textiles.
Dynamal *58313
Dynamite 51209 *66511
Dynamographs *7211
Dynamometers *86215
Dyrchenkov S G *47056
Dysdercus 43702 *52610 *6630
Dysentery 4865 16754
sheep 33587 42933
swine 5803 51973 60454
See also Scours; Vibrionic dysentery.
Dysmachus bilobus *85705
Dysmorphocerus *77804
Dysonia 6871
Dysoxylum 64222
Dyspnea 84695
Dyspteris *34567
Dystocia *59308 *59309 *75855
buffaloes 15493
cattle 42178 76284 76298 84286 *76391

Item

Dystocia--Cont.
horses 42463 *42454 *42465 *51482 *76643 *84665 *84666
sheep 60348 93166
See also Obstetrics.
Dytiscidae 16576 43412 *77713 *77714
Africa *52436 *77712 *85639
Gt Brit 52471
Pacific Northwest 24742
Dytiscus *6494
Dytiscus marginalis *16633

E 605. See Parathion.
Eagles 11213
Earias fabia 61152 *85934
Earias insulana 43829
Earobia n g 25021
Ears
cats 76571
dogs
diseases 76537 *4907 *23489 *51386 *92736
trimming 23493 42362 59837 *4861
goats *85060
horses *92842
rabbits 5584 5586
Earth rays *14566 *20389 *21716 *30709 *40475 *91146
effects on horses 5105
Earthworms 21571 30807 30809 40500 60794 74484 *2620 *14559 *21577 *58130 *82718 *82726 *82736
Canada 74486
Germany *49473
Israel *74471
New Zealand 49470 74491
U S S R *13806
East African Agriculture and Forestry Research Organization 14372 19716
East African Veterinary Research Organization 41805
East Coast fever. See Theileriasis.
East Malling Research Station 1557 29911 30129 56397 82129 90507
Eastern Caribbean Farm Institute 63718 88770
Eastern cottonwood. See Populus deltoides.
Eastern Federation of Feed Merchants 79225
Eastern redcedar. See Juniperus virginiana.
Eastern Shore Poultry Growers Exchange 95280
Eastern States Farmers' Exchange 63786 63787
Eastern tent caterpillar. See Malacosoma americanum.
Eastern white pine. See Pinus strobus.
Eat More Turkey Campaign 36766
Ebnerella n g *47223
Ecacanthothrips ramakrishnai 69027
Ecballium elaterium 47773
Ecclisomyia 17149
Eccoptogaster mali. See Scolytus mali.
Eccoptogaster rugulosus. See Scolytus rugulosus.
Echeveria 38489 *80268
Echinacea purpurea 64649
Echinocactineae 19809
Echinocactus mesae-verdae 11442
Echinocactus williamsii *56191
Echinocereus *72363
Echinochloa colona 38764
Echinochloa crusgalli *90398

Item

Echinochloa crusgalli frumentacea *1489 *29823 *90309
Echinococcosis. See Hydatidosis.
Echinoccoccus *59276
Echinoccoccus granulosus *59830
Echinocystis 583
Echinohelea 24880
Echinoparyphium recurvatum *15818
Echinops *47275
Echinopsis *111
Echthodopa 34308
Echthromorpha 61131
Eciton burchelli 85921
Eciton coecum 61114
Eciton hamatum 85921 85926
Eckelrader disease *12011 *47645
Eclampsia 42347
Eclomus 52350
Eclytus 43374 52350
Ecodonia n g *86016
École Central d'Agriculture Rogow
Forêts Expérimentales *41589
École d'Oka *37838
École Marocaine d'Agriculture
Laboratoire de Viticulture *28933
École Nationale d'Agriculture d'Alger *19310
Ecology 19590 38871 55596 80379 *12078
See also Climate and weather; Flora; Human ecology; Vegetation; and under specific subjects.
Economic conditions 10097 10215 18852 18855 27240 27263 37056 37072 37074 37093 44404 44407 46063 54987 54993 63200 63201 63210 63216 80020 81162 94499 95600 95755 *54999 *88153
Africa *44453 *95590
Argentina 63227 *71200 *88139
Asia *27243
Australia 46067 46080 95601
Austria *55000
Belgium *63217
bibliographies 46070
Bolivia 88156
Brazil *88142
British West Indies 95599
Ceylon 71220
Connecticut 88143
Denmark *46228 *80017 *94903
Egypt *18841 *46075
El Salvador 55003
Formosa 80018
France *18848
Germany *18847 *18848 *37073
Gt Brit 18843 18853 *18847 *18848
Guatemala 27442 27464
Haiti 55599
Illinois 9742
India *46064
Indonesia 95594
Israel 27239
Italy *27247 *35195 *37054 *37070 *46243 *71203 *71209 *71218 *88138
Japan 27500 37058 *54985 *88168 *95593
Latin America 55005 *71502
Malaya 54992
Maryland 54979
Mexico 27807 *63209 *71208 *71676 *88146

Item

Economic conditions--Cont.
Mozambique 88165
Pakistan *46065
Panama *37065
Peru 88147
Philippines 9754
Poland 55004
Puerto Rico *88159
Singapore 54992
Southern States 10972 17210 95589
Spain 54998 71199 *19424 *54984 *63223
Sweden 88164 *88149
Switzerland 54989
Venezuela 54991 *9764 *18845 *95592
West Indies *88145
Economic plants 47190 58026 81468 82623 *56687
Africa *2509 *74338
Argentina *82626
Brazil 82640
breeding *29516
Gt Brit 2437
India 11649 13701
Indonesia *12103
New England 91127
New Zealand 58009
Norway *57422
Poland *30683
U S S R *40366 *82596
See also names of plants.
Economic poisons 28249 55996 63966 80741 89073 89096 *11222 *28263 *43162 *47012
analysis and composition 28257 55955 72156 72180
application 58230
Australia 56359 89102
Canada *80710
Germany *11206 *80719
hazards and safeguards 19605 38178 55978 55997 67246 *63999 *80713 *89081
Netherlands *38162
industry 6049
Japan *72167
manufacture 72170
New Jersey 28272
regulation and inspection 38168 55970 55999
Denmark *38180
France *11201
Germany *11171
Virginia 89100
residues 67198
Sweden *80718
toxicity 11223 38165 38178
bees *16404 *24636 *93590 *93673
dogs 76551
France *11201
livestock *67425 *76301
man and animals 85431
See also Bactericides; Fungicides; Herbicides; Insecticides; Rodenticides.
Economics 11170 27248 37555 54981 55443 55632 88152 *9763 *27233 *63208 *95595 *95596
associations 27238 *37045
conferences and congresses 37041 55008 88151 *37071
Italy 95598
Netherlands *18856 *63202 *95597
Norway *27234
research 9751 27236 *37057 *88154
Germany *9772
Netherlands *27242
New Zealand 54996
Sweden *88150
U S S R *63213

*Text of this reference is not in English.

Item

Economics--Cont.
Spain 95598
study and teaching 27930
46071 55006 88140
Economists *71898
Economy 63221 71221 *10313
*37658 *46793 *63389
Asia *9765
Australia 63222 80013
Belgian Congo *54977 *54982
*88158
bibliographies *37043
Brazil *9753
Bulgaria *54995
Canada 9748 37052 80015
*88144
Caribbean Area 38314
Chile *88166
China 71259 *55002 *71213
Colombia *69578 *88141
Cuba 37060
Czechoslovakia *63212
Europe *71433
Finland *71205
France *27235 *27237 *88155
Germany *45265 *54978
Gt Brit 54980
Guatemala 37053
history 38226 80016 *53459
Hungary *54990
India *46069
Indonesia *9744
Ireland 80019
Israel 46072
Italy *27903 *31427 *31429
*63224 *71204 *71462 *79253
*80231
Japan 9758
Madagascar 27231 *19721
Mauritius *18799
Mexico *88621
Netherlands *37046 *63203
*71217
New Zealand 54994
Nigeria *36726
North Carolina 37063
Pakistan *27249
policies and programs 37051
37066 46061
Brazil *9745 *18857
Canada 37069
Chile *18842
Europe 37059 *37042
*46079 *63219
Guatemala *37049
Italy 63215
Liberia 63220
Southern States 37048
U S S R 18851 *37067
Yugoslavia *88202
regulation 9260 46060
46068 46073 46074 46077
63204
Réunion *18799 *18849
Romania *9752
Southern States 88161
Spain *46081 *88409
Sweden 88157 *9749 *96064
U S S R 18851 *9988 *10295
*27605 *63522
Uruguay *71655
ECP See Estradiol cyclopentylpropionate.
Ectomocoris 77971 *85871
Ectrichodia *88569
Ectrichodiinae *34494
Ecuador Caja Nacional de Riego *40787
Ecuador Ministerio de Obras Públicas Comunicaciones y Ferrocarriles *40787
Ecuador Servicio Nacional de Extensión Agrícola *46650
Eczema 4103 *51382 *59853
*84514
Edaphus blüweissi *93791
Edel'shtein V I *19661

Item

Edema 32980 51971 93268
*5817 *43058 *84371
See also Gut edema; Malignant edema.
Edfina Barrage 2903
Edinburgh Poultry Research Centre 42531
Education 10624 10629
10652 10661 10697 10711
10725 10746 27350 27928
46730 55792 88739 88742
88743 88796 88797 88824
88835 *9739 *44398 *71862
adult 27949 28018 55646
Denmark *19317
Georgia 28038
Illinois 46656
U S S R *10801
Algeria *37853
Argentina *55685
Austria *88734 *88778
Belgian Congo *10644
Brazil *10676 *19326 *19379
*37785 *88820
Costa Rica *71900
Czechoslovakia *55635
Denmark *46708 *95967
farmer training 46659
46674
Germany *55678 *80532
Ireland 10795 37879
Sweden *10830
U S S R *27982
France *10702
Germany *10630 *10792
*19342 *55660 *55698 *71858
*80510 *88759 *88829
Gt Brit 80448 88769
Haiti 19292
India 27948 95960
Italy *28037 *37902 *46686
*71831 *80473
materials and methods 10631
10662 10679 10686 10693
10698 10701 10709 10748
10751 10757 28344 88830
Argentina *28017
Mississippi 71809
Netherlands *46629 *71448
Peru *19318
Philippines 63739
policies and programs 46695
63742 71781 88781 88836
Southern States 10713
statistics 10614 37881
46732
Switzerland 37889
Texas 37880 63751
Union of South Africa *37800
U S S R *63757 *71790 *71805
*71852 *71927 *88782 *95786
See also Apprenticeship; Audio-visual aids; Extension work; Films; Motion pictures; Schools; Teachers; Visual aids; Vocational agriculture; subhead education and training under Children; Indians; Negroes; Veterans; Women; Youth; and subheads advisory services; study and teaching under specific subjects.
Educational and Methods Conference in Public Policy 17648 18989
Eelworms. See Nematodes.
Efficiency 19223 37223
37248 37249 37496 53230
55086 55089 63482 70863
88277 88643 95671 *9902
*34733 *37240 *44476 *46178
*69056 *71329 *71347
Canada 10278 10371
New York 71553
New Zealand 25929

Item

Efficiency--Cont.
time and motion studies
26143 26162 27181 27362
27363 27364 27373 27406
27407 37180 37184 38254
46179 51769 55096 62573
78750 95297 *37191 *55125
*88272
Denmark *9904 *88286
Finland *88292
Indonesia *37236
Netherlands *18950
Sweden *17236
U S S R *37215 *71327
Egadroma *43415
Eggbound *93022
Egg-laying contests. See Poultry, egg production, laying contests.
Eggnog 53695
Eggplant 12529 21266 87415
Argentina *49124
diseases 87415
genetics 736
Netherlands *40254
Philippines 13488
propagation *2164
Eggs 9551 18676 51647
*18702 *71026
abnormalities *27014
advertising 95409 *54800
Germany *54794 *71048
*87929
albumin 92986
analysis and composition
9505 27008 36834 54819
60133 71021 79878 95363
*9540 *62971 *84912 *87930
anatomy and physiology
15854 23916 33285 33340
*5395 *5416 *76909 *93091
and disease *5351
Norway 87937
associations 9504 9561
bacteria 23907 54819
71037 78780 *45880
biochemistry 33340
blood spots 5165 15760
Canada 18722
candling 27017 87970 *71019
*71020
care and handling 9518
9520 9539 33366 42736
45898 63007 79873 87950
87966 93094 *79834 *79859
costs 79868
Kansas 45863
Sweden *9506
chemistry 9525 9589
26987 27020 71018 79848
*45880
cleaning 9518 9541
26999 27017 27047 27049
36779 36785 36787 45857
45865 45878 54818 63028
71061 79877 *18671 *45840
collecting 86206
color 5511 24007 67969
*5149 *5151 *5432 *84790
consumer preferences 36809
45825 79852 87921
Canada 87979
New York 95397
consumption 9516 9533
79863 87926 95364
Canada *96156
containers 9550 18716
contamination 95399
cookery 11132 63007 89005
cooling 27004
cooperatives 9565 18709
54764 63015 79868 87977
New Jersey 27018
Sweden *79871
costs and returns 5443
9521 45870 46429 46470
46474 46479 46501 54764

Item

Eggs--Cont.
costs and returns--cont.
62999 63030 63557 63567
71647 80331 80336
California 37577 46462
Germany *10395 *46465
*46491
Gt Brit 9558 27732
37581 95865
Maryland 95414
New York 88567 88568
Spain *63564
Sweden *95881
Union of South Africa 80354
culture media 15593 33330
*33707 *41798 *41850
defects 27008 36803 62990
62991 62999 71059 87970
dehydrofreezing 18717
determination *62985
dried 9578 27042 47009
71013
bacteria 27043 87937
storage 27042
utilization 79839
flavor and odor 36779 45878
for hatching 5443 15878
15928 24018 24063 42683
42801 46501 54782 60032
67965 67981 84931 87923
95371 *15910 *68127 *68143
Canada *95380
Delaware 63009
Delmarva Peninsula 45826
Germany *51588
Industry 5491
marketing 5512 71051
New York 88567
Sweden *76690
freezing 18692 54783
frozen 9578 36837 71063
quality 45859 54783
storage 45859 54783
utilization *42654
Germany *27036
grading and standardization
9518 9528 26989 27016
36835 45877 54797 63007
71041 71047 78780 95383
Canada 45837 *95384
Germany *36808 *71024
*71040 *79881
Kentucky 95410
Netherlands *9575 *79859
Gt Brit 15941
hatchability 5130 5193
5219 5450 5511 23819
23890 24020 33223 33224
33234 51583 60087 60100
76764 76766 76888 76905
*33419 *60247 *68020 *76906
*84790 *84912 *92956
India 95363
industry 9515 9553
36781 54793
Australia 36761 62997
Canada 45833 87954
*95391
Delaware 63009
Germany *27026 *45890
*63010 *71033
Gt Brit 45835 45855
45902 63012
Midwestern States 95407
Minnesota 54768
North Carolina 36806
Northeastern States 36788
Ohio 36803
Oklahoma 9542
Pennsylvania 9520
Spain *87945
Sweden *87928 *87965
judging 9532 18675 24029
keeping quality 5276 27047
36785 62990 79851
labor 27016 46921
liquid 54770 62982

*Text of this reference is not in English.

Item

Eggs--Cont.
losses 62991
marketing 9510 9518 9521 9536 9556 18686 18712 18723 25655 36783 45838 45848 45856 45872 45914 54759 54764 54765 54785 62987 63003 71042 71043 79869 87923 87941
Alabama 9511 63033
Australia 9507 54772 63006
California 87959
Canada *95391
Connecticut 70560 95413
costs 79842 79854
Germany 54802 *18703 *86946 *95378
Gt Brit 9569
Hawaii 27031
Kansas 45863
Maine 18708
Maryland 95414
New York 54789 54792
Northeastern States 36788 87955
Pennsylvania 9517
Philippines 95398
South Dakota 45847 71044
Southern States 54790 54791
Sweden *18671
Switzerland *71027 *95385
Virginia 79837 95369
West Virginia 87956
Netherlands *27041
nutritive value 11132 *96156
oiling 71023 *68143
Oregon 27045
packing 9539 9550 18716 27010 45835
pasteurization 36784 62982
preservation 18696 86634 *9508 *9540 *95419
Spain *87960
prices 18722 33444 36797 36839 42821 45856 79872 79876 87967 95388
control 54766 62988
Florida 9557
Germany *45885 *62304
Gt Brit 45855
Kentucky 95410
Netherlands *18700 *18718 *71035 *71036 *79845 *94585
New York 87940 95376
Spain *63019
support 62993 *18700 *18718
processed 79852
U S S R *79858
products 78780 *36786 *45852 *45880 *62985
properties 45834 60237 79835 *71030
proteins 9589 79848
public relations 71017 79192 *63000
purchasing 9533 45656 63007 95397 *79858
quality 5162 9512 9537 9541 9573 18675 18678 18714 18723 23958 23964 26999 27009 27015 27029 33373 36774 36779 36783 36787 36811 36814 36825 36834 36835 42627 44245 45848 45869 45870 45872 45877 45898 54808 54809 54818 62983 62987 63028 71058 76828 79851 79872 79873 79876 87918 87934 87935 87950 87952 87962 87966 87967 95388 95415 95825 *79834
Germany *36808 *71060
Gt Brit 45835 63001
Hawaii 27035

Item

Eggs--Cont.
quality--cont.
Iowa 79846
Kansas 45863
Maine 18708
Netherlands *9575 *79845
New York 95397
South Dakota 71044
Sweden *9506
rationing 88682
refrigeration 27009 45900 54765 *45887
regulation and inspection 45915 84848
sanitation 9573 71057 87973
shell-less *87920
shells 5511 24007 33234 60222 76905 *23957 *54798 *60247 *76906 *84790 *93017
situation and outlook 9534 9588 18679 18704 27011 36800 45899 54813 62992 63031 71043 79879 *44753
Brazil *36813
Canada 26986
France *87946
Georgia 95382
Germany *45893 *62970
Gt Brit 9549
New Mexico 87949
Netherlands *87974
North Carolina 79843
Philippines 9193
Southeastern States 45911
Spain *33362
spoilage 9525 27020 27045 27048 45865 79848 79882 95392
statistics 9513 26988 35872 36837 54811 63029 63030 79855 79874
Canada 62974
Minnesota 9519
New York 9519
storage 9518 18678 27004 27009 36769 36825 47009 55924 62983 87934 *45887
buildings 26992
cold 71042 *27006 *71016
temperature 9537
substitutes *86940
Sweden *62978
tests 36827 87918 *8012
trade *44753 *55841 *88948
Australia 46921
Belgium *88955
conferences and congresses *10995
Denmark *19510 *28138 *55841 *63870 *63877
France *10994 *10995 *19496 *28142 *38031
Germany *10995 *19496 *28142 *28147 *38059 *46935
Switzerland *88954
Yugoslavia *88952
transportation 23929 79851 86955 87934 87935
by truck 79870
costs 71049
vitamins 47009 55924
weight and measurement 24059 33147 33234 42523 42683 42733 60032 60199 84937 84938 *5505 *87930
Hawaii 9560
whites 71013 79835 79848 *18580 *45880
freezing 95375
proteins 60203
yolks 15304 23844 27048 32531 33340 36778 67922 79882 84854 *4356 *5151 *68087 *76131 *92386 *92404
analysis and composition 36821

Item

Egonol *93535 *93924
Egyptian alfalfa weevil. See Hypera brunneipennis.
Egyptian clover 1397 15379 20703 91341 *90366
Ehrlich's diazo reaction *89059
Eichhornia azurea 57925
Eichhornia crassipes 13644 56706 74318 82564
88R. See Aramite.
Eilema *86010
Eimeria arloinge 24179
Eimeria innocua 84892
Eimeria magnalabia 68066
Eimeria meleagridis *84893
Eimeria necatrix 33257
Eimeria parva *33586
Eimeria piriformis 5582
Eimeria spinosa 60448
Eimeria stiedae 24105
Eimeria tenella 23935 23970 23981 60167, 68062
Eimeria truncata 68051
Einkorn 47839 73310
Ejidos *71715
Ekman E L 38212
El Salvador Ministerio de Agricultura y Ganaderia Centro Nacional de Agronomía 29497
Elabra n g 85884
Elachertus *6736
Elachista *85932
Elachistidae *85976
Elaeagnus 73930 *22744
Elaeis guineensis 82619
Elaeocarpus 11491 *64189
Elaidic acid 36559
Elapheremaeus obsoleta *6364
Elaphocera *93748
Elaphrus (Neoelaphrus) n subg 24742
Elasmucha ferrugata *61090
Elasmus *6736
Elasticity of demand *61729 *62113
Elateridae
Belgium *52448
Canada 93776
control 77734 *34214 *60824 *93739
Denmark *60863
larvae *68631 *77707 *93739
Pacific 60885
Spain 6427
U S S R *6457
Electragapetus 17176
Electric batteries 3513 86374 *32182 *44187 *53177
Electric fans 35079 44275 61469 63153 86292
Electric generators 35184 61682
Electric heaters 35177 *69486
Electric lines 14838 61657 74249 74272 86482 *14323
maintenance and repair 13223
Electric meters 53342
Electric power 7376 7378 7379 35160 35166 35183 35184 44356 52980 53343 66553 86481 86483 *17532
Florida 74776
France *17528
U S S R *25546 *35159
Electric transformers 17526 *7400 *35157
Electric wiring 7382 7402 53334 53347 61654 61658 61665 69469 69471 78671 86467 86471–86473 86475 94482 *17520 *78670
Electricity 44046 61626 78658
consumption 53344 61652

Item

Electricity--Cont.
cooperatives 7394 17523 25540 25550 35152 35165 35172 44338 44340 44343 44347 44349 44350 44352 44354 53330 61660 94473 94479 94483
New Hampshire 35170
Wisconsin 35151
costs and returns 44350 53344 *7383 *53329
effects on animals 42693 83993 *51414
effects on insects 16435 *93637
effects on plants 39183 *73218
Germany *61666
Gt Brit 94474
hazards and safeguards 17519 44360 52912 61663 *61664 *78665 *94481
Iceland *94477
in apiculture *60667 *77509 *85495
in dairy industry 44910
in logging *41330
U S S R *31880 *41319
in plants 29069 47881 72843
in soil sanitation 74904 74908 *74907
on the farm 7378 7387 7389 7390 17519 35158 35170 35171 35174 44345 53351 61652 61659 61668 69470 78667 86474 86478 *7384 *35176 *53338 *61662 *61666 *61667 *69466 *78662
Algeria *78659
Belgium *86476
Canada 25541 *86465
Germany *94476
Gt Brit 44120 44344
Iceland *7381
Iowa 78657
Kansas 44337
Netherlands *7398
New England 7391
Tennessee 35148
U S S R *25537 *35159 *35169 *53335 *86479
Washington 25548 35162
policies and programs 69478 86477
rates 53337
Spain *55247
static 36414 79249 87209
study and teaching 25535 25543 25547 78669
Tennessee Valley 17527
U S S R *25542 *25546
utilization 69479 69481 *78660 *94485
See also Electronics; Power; under 4-H Clubs; Future Farmers of America; and subhead electric under specific subjects.
Electrification 17515 25536 35167 44355 69285 78664 78668 86480 94493 *7388 *25534 *53333
Alaska 35149
Algeria *78659
Australia 78663 86470
Austria *35155 *35161
Brazil *94478
Canada 7399
conferences and congresses 44348
credit 71258
Cuba *25539 *35145
equipment 53360 69500 *61662 *78661
Florida 78666
France *35146 *61653 *69467
Germany *86466
Gt Brit 69475
Iceland *17516

*Text of this reference is not in English.

Item

Electrification--Cont.
Iowa 53332
Italy *35156 *69468 *69476
Kansas 53331
Norway *44341
policies and programs 7380 7397 17525 25545 35172 61655 61656
Austria *35154 *53339
India 86464
research 7377 17514 78656
situation and outlook 7374 7396 25549 53345
Spain *37442
statistics 25544 44351 44353
study and teaching 35164 78656
Sweden *7385
Texas 35163
U S S R *7392 *7395 *35153 *53336 *86479
West Virginia 69483
Western States 44339
See also U S Dept of Agriculture, Rural Electrification Admin.
Electrocardiogram *59298
dogs 4912 84522 92741 92757
horses 5060 5061 23633 67900 84709 *76649 *84707
poultry 76844
Electrodes 74904 *15293
Electrodialysis 58100
Electroencephalograph 23505
Electrolytes 15478 15479 32531 62494 64841 *62910
Electronics 53128 *50575
effects on seeds 56853
in agriculture 877
in egg grading 71041 71047
in fiber analysis 87261
in food industry 7629 54970 61872 62618 95338
in insect control 77212
in pulp and paper industry 3708
in soil sanitation 3105 3106
in wood bonding *3659 *32041 *32042 *67131 *75550 *83593 *91986 *92061 *92062 *92135
in wood preservation *58983
in wood seasoning *50463
See also Fluorescent light; High-frequency heating; Radio.
Electrons 22731 56778 60692 *68773
Electrophoresis 5303 12025 33731 40487 41772 *33740 *47636 *69805
Electroretinogram 15598
Electrotherapy *59338
Eleĭskafa Mashinno-Traktornafa Stantsifa *27672
Eleocharis dulcis 38845
Eleocharis subtilissima 47266
Eleodimerus *16577 *85647
Eleorchis *47280
Elephantgrass. See Pennisetum purpureum.
Elephantiasis *59722
Elephantomyia 6505 52497
Eleusine coracana 12512
Eleusine indica 709
Eleutherotheca 17118
Elevators 6960 6984 7007 17498 17501 43979 44001 52932 52979 52980 61351 61371 69121 69140 78334 *25208 *35076 *61381 *69115 *78351
Elgetol-methanol 525
Elingamita n g 64170
Elk *3478 *3484 *3487 *14642
Ellopia fasciaria *17006
Elodea 39008 *39222 *64743
Elodea canadensis. See Anacharis canadensis.
Elodea densa *81749
Elodimyia n g *85756
Eloise Butler Wild Flower Garden 21213
Elsinoaceae 11744 *56323 *56324
Elsinoe *56323 *56324
Elsinoe australis 11757
Elsinoe fawcetti scabiosa lemons 72700
Elton C 19590
Elymus caput-medusae 65955
Elymus junceus 1394 12814 29797
Elymus virginicus 38491
Elze D L 38230
EM 40. See Methoxychlor.
Embolemidae 85896
Embryology 33805 *92309
Embryonal carcinosarcoma 59852
Embryos *4178
cattle 15454 84267 92630 *51205 *92597
chicks 5261 23950 33249 33255 33335 33336 68039 84854 93021 *33461 *76847
abnormalities 5294
anatomy and physiology 5340 5342 5372 5403 15723 15847 33271 33297 33318 33334 33348 42700 51654 60116 60158 76778 76830 76833 84911 84922 93005 *15853 *23923 *23967
culture media 15829 23966 32341 51373 51647 60113 67922 76806 84518 84862 85311
growth 5294 33357 76842 *5300
mortality 60265 *93103
dogs 84523
ducks *5401 *23988 *84844 *84927
hamsters 23706 33101
insects 34650 68602 85540 *6897
pigeons 23763
plants 676 692 703 705 926 12113 12114 12139 12167 12387 12433 28937 29127 29305 29310 29338 38902 38926 38940 38947 38949 38950 39039 47746 48054 56715 72353 73004 73009 73261 81407 81655 81704 81705 89822 89824 89855 89856 89860 89871 *677 *680 *697 *729 *20154 *20188 *29085 *38954 *39191 *47745 *47784 *47796 *56703 *64631 *64640 *64646 *64647 *64791 *81415 *81421 *81449 *81621 *81654 *89817 *89835 *89858 *90251
transplantation *38975 *48031
rabbits 5570 *5573 *51766
swine 33717 *5818 *85277
turkeys 23941
Embryotomy *5047 *5662 *51262 *51836 *59647
Emesinae 68874
Emetine hydrochloride 85104
Emigration *10575
Emmental Exportgesellschaft für Schweizerkäse *63838
Emmer *47856
Emmesomyia *93863
Empetrum 47696 81434
Empetrum nigrum *64225
Emphreus 93778
Empididae 60914 85751 93901 *77911
Empire Cotton Growing Corporation 73475 81905
Empis 6537
Employment 9935 27393 37222 37419
Asia 80095
Canada 55094
Ceylon 55137
Denmark *9910 *18936
France *87557
Germany *71313
India 55111
Italy *27389 *27412 *37192 *55082 *71339 *95686
Kansas 27366
Netherlands *18941
New Zealand 18931
statistics 18964 88301
See also Labor; Occupations; Unemployment insurance.
Empoasca 61037 61046
Empoasca decendens *43674
Empoasca fabae 77976 93977 *16541 *16792 *16830
Empoasca flavescens *85833
Empoasca maculata 16852
Emprepes *16939
Empresa de Mecanização Agrícola *52954 *69100
Empria *52716
Emulsifiers 61791 61861 79087
Emulsions 8009 53415 61092
Emus 11213
Enantius *77727
Enarmonia 61179
Enarmonia pomonella. See Carpocapsa pomonella.
Enarmonia woeberiana *85965
Enarthrobius 60758
Encardia *85887
Encentridophorellus. See Encentridophorus (Encentridophorellus).
Encentridophorus (Encentridophorellus) n Subg *34186
Encephalartos natalensis 28616
Encephalitis
dogs 15584 51373 67837 *15581 *32919
foxes 51442 *32979 *42416
goats 33583
horses *5033 *23626 *23647
laboratory animals 84747
man 67906
poultry 76831
rabbits *42877
sheep 33583
swine 85243
Encephalitozoon 67837 76556
Encephalocystocele *84310
Encephalomalacia 23908 23933 24171 42672
Encephalomyelitis 23288 67916
Encephalomyelomalacia 50849
Encephalus 34288
Enchomyia erythrocera *24794
Enchytraeidae 616
Encymon 16650 24778
Encyrtidae 94020 *6736
Encyrtus 94010
Endacusta 6842
Endeochetus 6466
Endive
cytology *72966
Belgium *90987
diseases *11906 *47559
France *90954
Netherlands *2288 *2323 *6679 *30485
Endocarditis 59847 *32698 *93256
Endochus *68864
Endoconidiophora fagacearum. See Chalara quercina.
Endoconidiophora fimbriata 495
Endoconidiophora fimbriata platani 64521
Endocrine glands *50867 *83942
cattle 23306 51201 76288 84308 *15392
guinea pigs 33105
insects 25041 33827 68370
poultry 33322
Endocrinology 15140 84074
Endodothella 72514
Endometritis. See Metritis.
Endomia *77766
Endomyces *89470
Endomyces magnusii *17577
Endomychidae 24778 *34215
Endomychus 16605
Endosperm *47800
Endotaria n g 6842
Endothal 21415
Endothia *270
Endothia parasitica 72651 *19978 *20036 *28889 *47468 *47567 *56478 *64403 *64429 *64508 *72638 *81285
Castanea sativa 72634
Quercus 72636
Endothiella 247
Endoxoneura n g 85884
Endrosa *68994
Endymion hispanicus 81040
Engelmann spruce. See Picea engelmanni.
Engelmann spruce beetle. See Dendroctonus engelmanni.
Engineering 9361 9425 17197 25375 78321 94224 *78352
Germany *86108
Italy *94230
Japan 34734
Netherlands *94221
Philippines 43943
research 6941 17203 69062 69065 86098
India 43950
study and teaching 61329 61330 69059 78326 *6943
Brazil *10824
Finland *43945
Norway *43953
South Carolina 78313
Virginia 78319
Sweden *43944 *61361
See also Chemical engineering.
Engineers 15916 34729 94226
Engines *7237 *44172 *86495 *86498 *94489
diesel 7207 7242 7253— 7255 12571 40876 61526 69490 69499 78684 78686 78687 83507 *7245 *25428 *25431 *25452 *44164 *44172 *53172 *53200 *78680 *86365
Germany *37449
in lumbering *14736
Sweden *53162
U S S R *7212 *34957 *44186 *44229 *53202 *61528 *78685
gasoline 78678
lubrication 78684 *86343
maintenance and repair 53357 69499 78681 86497 94390 *25449
U S S R *25426 *44225 *53157 *53166 *53168 *53186 *53187 *53203 *53205 *53206 *61517 *69308
steam *44364 *69496
Union of South Africa 78375
U S S R *44215 *44218 *61540
See also Motors.
Engstedt M *96208
Engytatus complex 43638
Enheptin 5308 33345 42688 42708 84872

*Text of this reference is not in English.

Item

Enhydra fluctuans 90145
Enid Cooperative Creamery Association 44860
Enid Okla Chamber of Commerce 46800
Enklanthus 28615
Enlarged hock. See Perosis.
Ennomos quercinaria 17092
Enochrus *68633
Enoicyla group *17177
Enoploctenus *85550
Enoplolindenius *16910
Ensilage. See Silage.
Ensilan *50686 *92185
Entan *76740
Ente Delta Padano *13867
Ente Nazionale Risi *87651
Ente Zootecnico dell'Oltrepò *84128
Entedon 34508
Enteritis 51616 93118 *41842
See also Feline infectious enteritis; Necrotic enteritis; Ulcerative enteritis.
Enterococus
Enterohepatitis. See Blackhead.
Enterolithiasis 76571
Enterolobium contortisiliquum *66878
Enterotoxemia
goats 42950 60376
sheep 4604 5696 51824
Norway *93167
Uruguay *33588
Enterotoxin 76249
Entimus 77799
Entimus nobilis 77728
Entomogenous fungi *60661
Entomological Society of Canada 93340
Entomological Society of Ontario 5880
Entomologists 6022 38199 60524 93482 93483 *11233 *85333
Pacific Northwest 6447
Entomology 33823 77172 *33799
as an occupation 60512
associations 52057 93340
bibliographies 16208 93321 *43126
Finland 24355 24356
British Colonies 5888
Canada 93317
conferences and congresses 5904 *33802 *43141 *60515 *60522
economic 85363 93393 93410 *68452
Arizona 52045
associations 52042 93350
Canada 77195 93388 93405 93412 93497
Georgia 52085
Puerto Rico 60619
Tropics *43174
equipment 43118 60519 78263 94164 *16949 *34359 *85329
France *85308
French Guiana *59322
history 52019 93383 93483
India 16156
nomenclature 77156 77950
North Central States 93482
public health aspects 24900 85371
research 16164 68375 *5890 *17006
California 16188
Canada 77195 93412
Madeira *33881
Malaya 33871
Spain *85350
statistical methods 16133 52794 60503 77166 *34261
study and teaching 77252

Item

Entomology--Cont.
techniques 16497 17134 24436 34656 43560 43875 61001 68736 68798 68847 77246 77851 85317 85334 93304 93890 *16138 *16148 *16152 *16915 *16975 *43116 *52030 *52709 *77855
terminology 16142
See also Insects.
Entomophthora 20427
Entomophthoraceae 19872 64297
Entophysalis 38503
Entotrophi *6903 *6904 *6913
Entramin 42648
Entyloma 72523
Entyloma dahliae *81286
Enyo ocypete *34603
Enzootic ataxia 24170
Enzootic hepatitis. See Rift Valley fever.
Enzootic meningoencephalomyelitis in swine. See Teschen disease.
Enzymes 4651 12532 26756 29486 33731 39038 48177 62393 67362 73042 73080 81646 *25780 *36649 *43060 *87363 *93550
amylolytic 64902 *61844
effects on plants 39226
in animal physiology *41839
in cheese manufacture 8222 17969 *44797 *53943 *53969 *53976 *87090
in food industry 61864
lipidolytic 43818
proteolytic 23916 39219 64746 73229 *53943
wine manufacture 53624
See also names of enzymes; and under specific subjects.
Eoctenes *24920
Eomenacanthus stramineus 69039
Eosentomon 78265
Eosin 15320
Eosinophilia 15695 76385 *50815
Eotetranychus 68620
Epacris *13394
Epalpodes *77831
Epaltes *38429
Epamera *34626
Epeiromulona n g 78098
Epepeotes 93778
Eperua falcata 15015
Eperythrozoonosis 33750 43061 85278
Ephedra 89830 *42955
Ephedra andina 53260 *30649
Ephedrales 72377
Ephedrine 42969
Ephemerella 6912 78275
Ephemerida 17162 69032 *78266 *78267
Ephemeridae 6912 25122 43133 43910 43915 52880 78275 *52905 *78260 *78267
Ephemeroptera. See Ephemeridae.
Ephestia 85691 *16939
Ephestia elutella 17060 68992 *68969 *85670
Ephestia kühniella 6746 25045 94083 *17097 *25051 *25065 *68948
anatomy and physiology *78085
Ephippiger *69016
Epiblema tedella *52824
Epicaerus near capetillensis *61030
Epicauta *52398
Epichloe typhina 64465 *47492
Epiclopocoris n g 43676

Item

Epicometis hirta *16526
Epicypta 24826
Epidemic encephalitis B 32341 84877
Epidemic encephalitis C 5048 22991 76639
Epidendrum 64216
Epidendrum ampliracemum 89357
Epidendrum chondylobolbon 56248
Epidendrum dunnii 28541
Epididymis *42860
Epididymitis 51399 84318
Epifagus virginiana 64200
Epigaea repens 82352
Epihydrine aldehyde 36554
Epilachna *93815
Epilachna chrysomelina 43438
Epilachna philippinensis 60889
Epilachna varivestis 24729 68645 *16551
Epilachna vigintioctopunctata 6445 34266
Epilampra *61274
Epilepsy *41776
See also Canine hysteria.
Epilobium 73067 *103 *89908 *90078
Epilobium adenocaulon *89296
Epilobium angustifolium 58352
Epilobium obcordatum 40105
Epimecis 16984
Epimelitta 60826
Epimyrma stumperi *25020 *78030
Epinephele jurtina 17078
Epinetrum *11483
Epinotia aceriana *6790
Epipactis helleborine 117
Epipactis microphylla *11507
Epipactis palustris *47251
Epiphronitis x veitchii 30392
Epiphyllum 13318 65563 73921 74130
Epiphyllum conzattianum 11481
Epiphysan *67358
Epiphytes *11527 *47709 *82299
Epiplema *68985
Epipodocarpus n g *77672
Epipogium *11468
Epipogium aphyllum *151
Epipterygium 72444
Epirhyssa *24983
Episcia 40110 81018 90820
Episeius *93731
Episema 94123
Episthetosoma n g *85315
Epistreptus n sgen *52345
Epithalassius sancti-marci *16691
Epithelantha *19808
Epithelantha spinosior *19847
Epithelioma 15481 *84344
Epithrix *93770
Epitrimerus 52372 52388 *6400
Epitrimerus vitis *52369
Epitrix 43423
Epitrix cucumeris 77752
Epitrix subcrinita 6465
Epitrix tuberis 6465 43699
Epiusana n g 52628
Epizootic cerebrospinal nematodiasis 59374
EPN. See Ethyl p-nitrophenyl thionobenzenephosphonate.
Equine encephalitis 5048 15692
Equine encephalomyelitis 84702 84712 *5067 *15669 *23669
diagnosis *23652
eastern type 5032 5057 85793
Ecuador 67916
Greece *92849

Item

Equine encephalomyelitis --Cont.
immunization *23640
transmission 52064 *6519
vaccines 32362
virus 76639
western type 5086 67906
Equine infectious anemia 42466 84708 *5018 *5020 *5044 *5082 *5083 *5084 *5087 *5090 *15673 *15691 *23629 *23648 *33069 *51495 *59973 *84677 *84692
cattle *15394
control *15673 *42464 *59936 *59968 *67904
Czechoslovakia *84689
diagnosis 84699 *84654
Germany *15677
immunity *5026
Japan *5053
Poland *84676
Sweden *5019 *59922
U S S R *23621 *23630 *23666 *33053
virus 59972 67922
Equine paralytic myoglobinemia *23632
Equipment 7214 9791 14221 17231 25227 34752 34767 43963 49962 52930 52967 78328 78345 78353 78381 86131 86189 86195 90420 94257 *7015 *27411 *52952 *61335 *61350 *69135 *78329 78352 *78435 *86177
Australia 25179 78365 86174
Austria *6973 *43992 *52945 *86141
Belgium *25328
Brazil *6959
Canada 69083 78331 86132
conferences and congresses 17253
contracts 17263
cooperative use 52944
Europe *25242 *86158
Germany *25185 *34753 *94228 *94243
cooperatives
Austria *78371
Brazil *69077
Cyprus 44001
Denmark *34746
France *74747
Germany 25243 *34746 *69097
Gt Brit 44013
Ireland 25195
Netherlands 25241 25246 *6961 *34754 *69082
Tunisia *37931
costs and returns 6975 25203 37162 61374 86165
Australia 25197 34759
Gt Brit 34785 43975
Hungary *61367
New York 86307
credit 9792 34805 *80041 *89193
Czechoslovakia *17243 *61372
Denmark *86161
depreciation 6980
designs and specifications 52997 94226
U S S R *7012
directories 17329 34774 61349 61357 69094
effects on soils *6953 *13850
electric 7389 8261 17277 17513 44344 52940 61351 61378 61482 61658 61661 69107 69287 69480 78671 86472 *25533 *35448 *53006 *69071 *69150
Finland *17521
maintenance and repair 53341

*Text of this reference is not in English.

Item

Equipment--Cont.
electric--cont.
marketing 17517 35147 35150
U S S R *44357
Finland *34806 *34807
France *6964 *6969 *25220 *34781 *61347 *69087 *69096 *86125
French colonies *86166
Germany 69136 *6967 *17212 *25177 *25201 *25235 *34760 *34782 *34788 *44047 *52946 *52998 *61435 *69112 *69126 *78338 *78339 *86155 *86185 *88296 *94249
glass 44250 *35837
Gt Brit 6958 25223 25252 25253 34810 43957 43997 44014 86191 94266
hazards and safeguards *17521 *53192 *53193
history 17252 86168 94251
household 61378 61619 63200 69107 80790
Germany 7333
hydraulic controls 43984 61387
India 17246 34790
industry 17209
Germany *69109 *69145 *78358
Gt Brit 43967 86148 94229
insurance *7010
Ireland 19261
Italy *86175
labor saving 6968 6999 7017 17241 17271 25226 25280 34822 37247 37250 43962 43971 46179 46391 49257 59795 61373 61548 69108 76899 94284 *7121 *25164 *25212 *43976 *69071 *86137 *86171
Gt Brit 78344
lubrication *69288 *78509 *86308 *86313
maintenance and repair 7165 7172 7173 17381 17386 25376 25378 25379 25385 25388 34959 44140 69146 69166 69289 69290 78372 86309 94367 *25377 *25386 *34951 *34958 *44142 *53125 *53132 *53134 *53136 *69096 *69126 *94370
Austria *34964 *78513 *86310
costs *53140
France *53127
Gt Brit 94369 *7169
Iceland *17411
Netherlands *34952
Sweden *7164 *17388 *34956
U S S R *25383 *34954 *44145 *53135 *78515 *94325
manufacture *6990
Philippines 17218
Sweden *7028
marketing 52962 61691 94251
Gt Brit 86128
India 43981
materials *25245
Mississippi 78350
Morocco *25193
mountain areas
Italy *94267
multiple purpose *53032
Netherlands *7002 *34995 *52923 *69105 *78367
New Zealand 86174
North Carolina 6963
Norway *44059
operation 34759 61328 *34763 *34791 *53220 *61363
parts 34747 34786 *69286 *78346 *94368
Philippines 17218
policies and programs
Germany *25204 *78359
Morocco *86170

Item

Equipment--Cont.
policies and programs--cont.
U S S R *6992
prices
Gt Brit 25206 78378
purchasing 6980
regulation and inspection *52955 *53192 *53193
rental 43994
research 86181 *6962 *17221 *61352
shows *8326 *25202 *43989 *52971 *69127 *86183 *86184
Austria *6971 *6994 *7004 *17223 *25200 *25228 *34764 *52977 *69093 *69117 *78341
Belgium *52942 *61346 *61355 *69129
Benelux *61355
Canada 25176
Denmark *4243 *6979
France *6991 *7025 *17257 *25198 *25221 *44975 *52937 *52939 *52949 *61341 *61342 *61348 *61364 *61369 *61370 *69072 *69076 *69089 *69091 *78332 *78361 *78362 *78363 *86154
Germany *4247 *6972 *6989 *7001 *7003 *7023 *7177 *25216 *34792 *34797 *34798 *43987 *52933 *69104 *69106 *69123 *69124 *70245 72046 *78327
Russian Zone *6981 *94238
Gt Brit 34794 44004 46719 *17251 *34772 *44997 *61345
Ireland 69113
Italy *25181 *25189 *61353 *78333 *78347 *86164
Netherlands *6985 *31366 *34925
Philippines 43969
Sweden *86194
Switzerland *34751
U S S R *6991
situation and outlook 7020 17208 17239 25210 27421 28265 34749 34755 34799 52994 63303 69111 *6990 *34801
Gt Brit 25205
Syria 69099
Spain 52988
storage *35138 *53316
study and teaching 43968 78342 86142 94214 *52982
Austria *86130
France *86106
Germany *7026 *17312 *25218 *25219 *34762 *43961 *43998 *44008 *78368 *78379 *94225
Italy *69095
Netherlands *6977
Sweden 86127 *7027
tests *3188 *6982
Denmark *61343 *78343
France *34846
Gt Brit 25190
Iowa 34975
Minnesota 34973
Sweden *69141
U S S R *53046
trade
Colombia 69120
Switzerland *69139
Tropics *86167
Tunisia *34768
Union of South Africa 78373 78374
U S S R *6987 *7021 *25233 *61336 *61358 *69162
utilization 27608 78355 94240 *34775
Nebraska 10336
Sweden *61366
U S S R *55129

Item

Equisetum 40302 66004 67911 *51479 *84663
Equisetum arvense 57992 81438
Equisetum palustre 82577 *2352
Eragrosteae *146
Eragrostis 137 *1373 *11452
Eragrostis curvula 48537
Eragrostis trichodes 39440 81771
Eranthus hyemalis *21429 34308
Erax
Erebia 17041 43858 *78141
Erebia aethiops 61225
Erebia rossii 94076
Erechtites *40311
Eremascus albus 56681
Eremaspis n g 16800
Eremobates 6375
Eremobelba *93731
Eremogryllus hammadae 43870
Eremohallaspis n g 16800
Eremorhax 6375
Eremothecium ashbyii 67995 69725
Eremothera n g 6375
Eremurus 90816 *1950
Eretmapodites silvestris conchobius 6593
Ergates faber *77655
Ergot 1052 9145 47679 72644 *28902
India 72682
poisoning *18425 *26746 *36338
toxicity 59729 *385 *69627
Eria inornata 80980
Eriandra 38488
Erica 21115 21180 39991 91132 *13394 *30188 *74390
Gt Brit 21101
Erica arborea *41605 *89825
Erica carnea *22192
Erica gracilis *21218 *48915
Erica multiflora *19828
Erigeron 177
Erigeron provancheri 28506
Erigonopterna *43377
Erinnyis ello *6825
Eriocampoides annulipes *68930
Eriocaulaceae 147 148 28565 47259
Eriocaulon *164
Eriochloa polystachya *1157
Eriococcus 6633
Eriocraniidae *17100
Eriogonum 47244
Eriogonum polypodum 80977
Erioischia brassicae See Hylemya brassicae.
Eriopeltis festucae 6633
Eriopeltis lichtensteini 24968
Eriophorum 19845 *19844
Eriophyes 52388 77236
Eriophyes essigi *16508 *24708
Eriophyes pistaciae 72552
Eriophyes pyri *6359 *77608 *77609 *93705
Eriophyes vitis *52369
Eriophyidae 52388 77597 77628
Eriopsela *78165
Erioptera 6505
Eriopyga lamptera *78142
Eriosoma lanigerum 34489 *6664 *34451 *34464 *43648 *68844
Eritrichium 38448
Ernobius mollis 6440
Erodini *60806
Erodium 38793
Erodium willkommianum *13289
Erodius *60806
Erora laeta 94091

Item

Erotylidae 16593 *6431
Errhomus 52665
Erucic acid oils 54735
Erwinia amylovorus 47615 81310
Erwinia aroideae 91237
Erwinia carotovera 56602 79489 *28980 *64541 *72802
Eryngium *64606 *81722
Eryngium agavifolium *30273
Erysimum cheiranthoides *18641
Erysipelothrix rhusiopathiae 33722 50901 51854 60455 60480 77120 85112 93252 *5807 *5846 *24294 *24302 *33742 *33751 *33752 *60449
Erysiphaceae 81091 *244 *28711
Erysiphe 81296
Erysiphe cichoracearum 72674 89668 *47587 *47595 *72786
Erysiphe graminis 56520 *11897 *38742
Erysiphe graminis hordei 81274
Erysiphe malachrae *47568 *72642
Erysiphe polygoni 81739
Erythraea *89345
Erythrina *56276
Erythroblastosis fetalis *5819
Erythrocytes 4082
cats 4928
hamsters 59997
horses 75873 *33052 *59923 *67921 *84654
poultry 42657 68040 76819 *68044 *76817
rabbits 41874
ruminants 4580 15443 75873 92627 *83935
Erythrodontium *89394
Erythroneura 77938 85884
Erythroneura dolosa 6629
Erythroneura plena 6629
Erythroneurini n tribe 85884
Erythronium 89312
Erythronium japonicum *73001
Esakiella *68843
Escarole 38779
Eschatroxus 60885
Escherich K 28327 *28298 *38220 *38222 *38243 *56013 *72209 *72214 *80788 *96202
Escherichia coli 13813 23187 42120 51969 81572 *5834 *26108 *35685 *43605 *62087 *84365 *92312
in milk *79018 *86936
in water *33058
Eschscholtzia californica 402 64419
Eschweilera 11455 92151
Eschweilera luschnatii *60890
Eschweilera sagotiana 32163
Escola Superior de Agricultura Tapera
Herbário Pickel *28430 *28431
Escuela Agrícola Panamericana *71890 *96006
Escuela de Capacitación Agrícola *10608
Escuela Nacional de Agricultura
Peru *2916 *46643
Esenbeckia 16682
Eserine See Physostigmine.
Esfandiarîa n g 43888
Esophageal groove 15150
Esophageal impaction 32752 *5840 *92841
Esophagus *33066 *67607
dogs 32910 42356 51410 *67844
Espaliers. See under Fruit.
Esparto 35947 35968 36037 79558 *26334 *36029 *87269
Argentina *45205 *54128

*Text of this reference is not in English.

Item

Esparts--Cont.
processing *54078 *54142
Spain *54096
waste utilization *44571
See also Stipa tenacissima.
Espostoa. See Pilocereus.
Espino R B 89107
Essential oils 9439 45754 54711 62914 64899 *9448 *79809
analysis and composition 70960 91018 *45785 *54706 *87869 *87870
Brazil *18647
California *62922
chemistry 45777 *26972 *26973 *79813
determination 69871
directories 45798
distillation *9390
effects on plants 12434 64820
extraction 36716 *70911 *70970 *87848
flavor and odor 9452
industry 70928
Brazil *18640 *36735
Madagascar *45779
plant sources 54719 66072 87873 87892 *26922
prices *18638
research *79783
Réunion *18657
situation and outlook 87862
storage 9452
utilization 62928 70942 *26970
U S S R *58042
Esso Livestock Insecticide A. See Toxaphene.
Estação de Investigação da Palmeira na Nigeria *71011
Estação Experimental de Arroz *69351
Estação Zootécnica Central Chobela *59498
Estación Biológica de Rancho Grande *72242
Estación Experimental de Mendoza *1666
Estación Experimental de Silvicultura de Bejarano *66795
Esterase *33738 *41870
Esters 7976 25883 27157 27179 54692
Estigmene acrea 78060
Estola *6420
Estradiol *15836
Estradiol cyclopentylate. See Estradiol cyclopentylpropionate.
Estradiol cyclopentylpropionate 5039 32317 41656 41868 51496 59893
Estrogens
effects on cattle 15478 84255 *84258
effects on dogs 15575 84552
effects on guinea pigs 42508 51513
effects on livestock 32214 *92300
effects on poultry 5130 5396 9505 15846 76685 93024 *5314 *5336 *42525
effects on rabbits 51513
effects on sheep 49483
effects on swine *85254
effects on turkeys 36829 42624 60143
in milk 84255
in poultry *84896
plant sources 20436 24150 50812 83732
therapeutic use *92300 *92347
Estrus. See under names of animals.
Etch
tobacco 20104
Ethanol. See Alcohol.
Ether 6560 *35222
Ether extract *8011
Ethiochrysa n g 78261
Ethmia sexpunctella. See Ethmia terminella.
Ethmia terminella 52777
Ethnobotany 72306 *64110 *64111
Ethojulus 93699
Ethomid C/15 60428
Ethopolys 85554
Ethyl alcohol. See Alcohol.
Ethyl bromoacetate *61874
Ethyl esters 87853
Ethyl p-nitrophenyl thiono-benzenephosphonate 43260 43271 52168 85466
Ethylene 45414 *26582 *70629
effects on fruit 62642
effects on nuts *45420
effects on plants 95108
in plants 29464 56834 56997
polymers 48686
Ethylene chlorobromide 16646
Ethylene dibromide 14249 16244 52193 77889 85461 *11189
Ethylene dichloride *43432
Ethylene glycol 6010
Ethylene oxide 14242 58538 *81211 *92247
Ethylenediamine tetra-acetic acid 3090
Ethylenediamine tetrasodium-acetate 8242
O-[2(ethylmercapto)ethyl]-O, O-diethylthiophosphate. See Systox.
Ethylurethane *93855 *93856
Etiella zinckenella 34615 *43738
Ettmulleria 68624
Euastrum verrucosum *220
Eubadizon magdali *43732
Euborellia annulipes 61295
Eubrachylaelaps martini 34179
Eucalandra 43461
Eucalyptus 3777 28749 *50348 *64180 *83653
anatomy and physiology 29290 56722 64612 *22214
Angola *83308
Argentina *22225 *50273
Australia 3398 59072
biochemistry *1041
Brazil *66920 *91679
breeding 56749
Colombia *58720
Cuba *66923
culture 21431 *22227
diseases *56474
France *50195
genetics 56750
germination 75312
hardiness *22214 *50333
hybrids 48910 *1041
India 89819
mensuration 75209
New Zealand 91839
pests *5992
products 83632
therapeutic use *50839 *67371 *67388
U S S R *31621 *50333 *58719
varieties 74111
wood 3694 41552 76528
Eucalyptus camaldulensis 3390
Eucalyptus campanulata 32184
Eucalyptus deglupta. See Eucalyptus naudiniana.
Eucalyptus erythrocorys 75139
Eucalyptus gigantea 3629 75636
Eucalyptus globoidea 32184
Eucalyptus globulus *73007
Eucalyptus gomphocephala 75139
Eucalyptus grandis 83532
Eucalyptus gummifera 56722
Eucalyptus maculata 32175 83532
Eucalyptus naudiniana *14621
Eucalyptus oil 36739 *18643 *45810
Eucalyptus pilularis 83532
Eucalyptus regnans 3803 14994 32150
properties 15032
structure 15018
wood 3600 3731 3740 50506 83523 91994 92141
Eucalyptus robusta 83420
Eucalyptus rostrata *75722
Eucalyptus saligna 3691 3692
Eucalyptus sideroxylon *3749
Eucalyptus viminalis 3313
Eucampsipoda hyrtli 77815
Eucampylochira n g *52404
Eucedestis n g *61227
Euceraia 6869 6870
Euceropsylla 43635
Eucerotoma *77662
Euchlaena mexicana 20203 73400 *39156
Eucollinae 6744
Eucommia *20323 *31540 *58785
Eucommia ulmoides *48161
Eucosma scudderiana 94049
Eucosmidae 52770
Eucryphia cordifolia 22668 59078
Eucryptocerus n g 43725
Euctenophthalmus obtusus *69045
Eucynortula *68596
Eudalaca *25083
Eudemis moth. See Polychoris botrana.
Euderus 34508
Eugenia dombeyi 21450
Eugenia involucrata *38481
Eugenia luschnathiana 74022
Eugenia uvalha *95101
Euglena 20387 *73163
Euglena gracilis 29429 64817 *39182
Euglena gracilis bacillaris 39161
Euglenaceae *47319 *64276 *89423
Euglossa 24999
Eugnamptoplesius n g *77802
Euhanitschia n g *6874
Eulalia *68755
Eulan 43185 70395
Eulecanium arion *61084
Eulecanium corni *52672
Eulela caesio 93899
Eulophia 28540 47236 90862
Eulophidae 34508 *6736
Eulophus 34508 *6736
Eumayria 78053
Eumenes *16901
Eumenes unguiculata 61121
Eumenis *17039
Eumenis semele 94094
Eumethana n g *61274
Eumolpidae *6411 *52404 *85612
Eumystrops 52430
Eunotia *81064
Eunotia arcus *47750
Eunotia flexuosa *47751
Eunotus *6736
Euodynerus *52694 *78007
Euodynerus posticus *16883
Euonymus 30373 49106
anatomy and physiology *29106
propagation *58003
U S S R *30644 *74371
Euonymus frigidus 56192
Euonymus hamiltonianus 80942
Euonymus melananthus *72998
Euonymus verrucosus *31629
anatomy and physiology *56931 *73238
U S S R *1012 *75347 *91110
Euoopsis n g 68644
Euparyphus 16748
Eupelmidae *6736
Eupelminus *6736
Eupelmus *6736
Eupeodes volucris 43561
Euphorbia 40018 72396 *115 *80985 *89345
biochemistry 73327
Italy *47227
effects on insects *25059
Formosa 80988
French Equatorial Africa *11448
Euphorbia cooperi *48998
Euphorbia esula 30491 *89346
Euphorbia lancifolia *32664
Euphorbia lathyris *20746
Euphorbia milii *80984
Euphorbia peplus 56553 *38425
Euphorbia pulcherrima 995 30373 *21167 *30362 *82464
culture 2104
diseases 38787
soils 58328
varieties 21214 49106
Euphorbia taurinensis *19807
Euphorbiaceae 12113 40097 *56189 *89333
Euphrasia 72367
Euphydryas aurinia 43766
Euphydryas ichnea *78072
Euphyllodromia *61274
Euphyllura 85847
Eupiflgia n g 68685
Eupinidius n g *77727
Eupista *61190
Eupithecia 6779 78177
Eupithecia actaeata 43776 61174
Eupithecia immundata 43776 61174
Euplaniceps 61113
Euplectamecia n g 93746
Euplectromorpha 34508
Euplectrus 94010 *6736
Euplectus 93746 *16577 *85647
Euploea 85941
Euproctis 6768
Euproctis chrysorrhoea. See Nygmia phaeorrhoea.
Euproctis flava *34594
Eupteroidea n g 85884
Eurema (Teriocolias) 43783
Euremisca n g *43146
Euremiscidae n f *43146
Eurepa 6842
Eureum 6909
Eurhexius 93746
Eurhynchium pulchellum praecox 215
European Agricultural Union *63444
European apple sawfly. See Hoplocampa testudinea.
European Brewery Convention *62747
European corn borer. See Pyrausta nubilalis.
European earwig. See Forficula auricularia.
European foulbrood 34023 52309 *77484
treatment 34052 60691 *24643 *34082 *43300 *52215 *93607 *93662
European pine shoot moth. See Rhyaciona buoliana.
European Plant Protection Committee 24735

*Text of this reference is not in English.

Item

European Recovery Program
10214 14059 27246 37308
71393 *3541 *3587 *3593
*10083 *10111 *10120 *10167
*10226 *19018 *19035 *27484
*27585 *27971 *30955 *37382
*46279 *50125 *53339 *55258
*71518 *71873 *75065 *80228
*82796 *91911
See also U S Economic Co-operation Admin; U S Mutual Security Agency.
European red mite. See Paratetranychus pilosus.
European spruce sawfly. See Diprion hercyniae.
Europeans in Rhodesia 53596
Europeans in the U S 27760
Europoda. See Uropoda.
Eurosta 93824
Eurostus hilleri 60832
Eurybata 43557
Eurybunus *68622
Eurychora 77732
Eurychorini 77732
Eurychorula n g 77732
Eurydema 77950
Eurydesmidae 6352
Eurydoxa 52769
Euryea greenwoodii 56245
Eurygaster *68866
Eurygaster integriceps 6685
34433 *24928 *24969 *43690
*77970 *85831
parasites *93872
Eurygaster maurus *24957
Eurygryllodes n g 6842
Eurymerodesmus 77601 85553
Euryopis *6349
Eurysa 52615
Euryscopa *43464
Eurythrips 61298
Eurytoma *6736
Eurytoma fellis 34525
Eurytoma ononis *43708
Eurytoma orchidearum 85905
Eurytrema pancreaticum 59314
Eusandalum *6736
Euscelis 61099
Euscelis singeri *68870
Euscepes postfasciatus 16637
Euschistus 93945
Euschistus conspersus 34439
52659 61098 68805 68834
93978
Euscorpius *34166
Euscorpius flavicaudis *43407
Euscorpius italicus *93697
Eusimulium *43554
Eusphingoderus n g *61258
Eusphingonotus n g *61258
Eustigmaeus *93731
Eutrapela *85674
Eustrephus *28602
Euterpe *72376
Euthanasia 4888 67816
Eutheatus 77601
Eutreta sparsa 52503
Eutrichocampa *6904
Eutriptus 52460
Eutrombicula 6370
Eutrombicula alfreddugesi 93698
North Carolina 24716
Eutrombicula splendens 16494
Euxesta 60981
Euxesta stigmatias 34388
60930
Euxoa *85972
Euxoa ochrogaster 8884 78135
Euxoa punctigera 61219
Evania 6709
Evanioidea. See Proctotrupoidea
Evaporated Milk Association 44986
Evaporation 47102 58086
66583 89199 *2972 *49388
*66122 *66249

Item

Evaporation--Cont.
India 19700
measurement 74814
Evergestis *16939
Evergestis extimalis *78213
Evergreens 1882 13290
40035 82425
broadleaf 93937 *57682
Colorado 21149
dwarf 2017
North Dakota 3293
pests 43178 43792
planting 41240
transplanting 90870
Evetria 16976
Evippa 77631
Evisa 78209
Evodinus *52489
Evolution 38156 *83693
Evseenko S S *4110
Ewing H E 11268 64011
Exaereta ulmi *94137
Exallomorpha *16577
Exanthema 64776 *23519
Exapate duratella *78081
Exartema appalachianum 16957
Excelsior *50606
Excreta 4876 49527 *32304
Exechia 16710 16744 77902
Exelis 94128
Exenterus 52727
Exhibits 27953 37782 *10659
*19359
Australia 10720
Brazil *27951
Canada 37826
El Salvador 27929
Germany *71869 *88786 *88829
Gt Brit 10720 37819 46719
88753
Union of South Africa 27945
27965 *55725
Uruguay *10641
Wisconsin 47050
See also Fairs; and subheads exhibits; shows under specific subjects.
Exidia 28704
Exitianus 43679
Exoascus deformans *47467
Exoascus pruni *56480
Exobasidium camelliae gracilis 47603
Exobasidium vexans 28949
72696
Exocortis 89481 *29006
Exopropacris n g 17118
Exorides 43461
Expédition Suisse à l'Himalaya *89182
Expeditions Polaires Francaises Missions P E Victor *52802
Expenditures. See under Families; Farmers.
Experiment stations 10663
28371 80840 81820
Colombia *28367
directories 38322 80822
Georgia 96241
Iceland 89170
Madagascar *89158
See also U S Dept of Agriculture, Experiment Stations; and names of stations.
Experimental farms
Australia 28365 60236
Canada 55357 *88507
Denmark *95804
Germany *37532
Gt Brit 88473 95800 95808
Netherlands *46442
Sweden *56116
Tunisia *37552
U S S R *20478
Explosives 34730 86104
*14080 *25170 *69063
See also names of explosives.

Item

Exportadora Hennig 88113
Exports. See Trade; and subhead trade under specific subjects.
Exposição Nacional de Animais e Produtos Derivados *83996
Exposición Internacional de Ganadería *15241 *15663
*42254
Exposition Internationale du Bois *66761
Extension work 1575 1616
4003 4104 4114 4117
4165 10612 10636 10647
10729 10742 10769 10793
10818 17619 19069 19302
19336 19339 19368 19383
27925 27936 28034 28339
30504 37777 37782 37812
37831 37844 37894 40276
46663 46734 46735 46744
48821 54816 55348 61734
61735 61765 61782 63737
63766 63924 71878 71914
80456 88711 88732 88741
88757 *10820 *37805 *46623
*46660 *46738 *63724 *71856
*80827 *88767 *96003
Argentina *71788
Arkansas 46620 95949
as an occupation 55701 63694
95978 96025
Australia 19380
bibliographies 19320 88827
95965
British colonies 55687
Burma 95988
Canada 12931 19335 95969
Colombia *80463
conferences and congresses 46704 61780
Ecuador *46650 *46737
entomology 93397 93406
93427 93428 93463
Europe 88728
Florida 61755 80474
Georgia 61751 95970 95971
history 10623 46637
home demonstrations 10646
10698 10704 10828 19685
28035 36300 38249 38255
47092 56062 72218 80542
80804 94447 *46624
Georgia 28334
Haiti *63738
Oklahoma 72219
Pakistan 45434
horticulture *65294 *73716
Illinois 55662
India 10783 10803 71906
95960 95961 95968
Indiana 37781 95990
Iowa 71909 80539
Japan 28016 37875 63744
Latin America 55735
Maine 37843
Malaya 80516
materials and methods 10768
19304 19378 27932 27953
27988 61748 71787 95004
*19308
Mississippi 10749 61736
80504 88793
Missouri 19355 46633
Montana 96074
Nebraska 63778
New Mexico 37858 46619
North Carolina 61746 78747
North Central States 10671
Oklahoma 61760 80447
Pennsylvania 63741 71884
Peru *18971
Philippines 46610 55649
88726 88803 96020
programs 10688 10708
10759 10796 10819 10924
25655 37963 37990 38000
44483 46752 46764 46850

Item

Extension work--Cont.
programs--cont.
46888 46895 61761 63732
71849 71920
Alabama 88727
New York 44470
Washington 55732
public relations 37898 37909
80519 80527
publications 28027
Rhode Island 28014
South Carolina 61781 96014
Southern States 10782
study and teaching 10736
28021 47100 71818 80462
88828 96013
Tennessee 61762
Texas 10813 61733 96018
Turkey 46617
Union of South Africa 63770
Virginia 61767
Washington 80521
Wisconsin 10836
Wyoming 10838
See also 4-H Clubs; U S Dept of Agriculture, Extension Serv; and names of extension services.
Extension workers 19685
93428
directories 28035
education and training 10604
10655 10712 10724 19382
37773 37906 46725 80498
See also County agents.
Extrusion process 79891
Eyes 75833
cats 4925 84532
cattle 15476 15481 76393
*42173
diseases 50866 67344
dogs 4925 15582 15598
76524
abnormalities 51412
diseases 42353 42375
51415 84532 92735 92762
surgery *76533
horses *15654 *51475 *92850
insects 24832 24833 24838
85303 94154 *52205 *52206
*77154 *77155 *93326
color 68727 68738 68744
85731 *85738
livestock 42353
pigeons 92990
poultry 60122 93014
rabbits *76946
sheep 76987
surgery 50866 83981
See also Vision.
Eyespot
wheat 318
Eyreocoris n g 6669

Fabaceae 28607
Fabre H 19654
Fábricas de Manteca "Sancor" *35720
Fabriciana 94090
Fabrics. See Textiles.
Fabronia *619
Face 4589
Fachverband der Meiereifachleute von Schleswig-Holstein und Hamburg *7854
Fagara *72372
See also Zanthoxylum.
Fagara coco oil *87836
Fagepauropus n g *6385
Fagepauropus hesperius *6385
Fagonia *89345
Fagonia arabica 72934
Fagopyrum tataricum 13714
57993
Fagus 31541 89795 *91736
*91779
anatomy and physiology 64758 *64784 *72957

*Text of this reference is not in English.

Item

Fagus--Cont.
Austria *31520 *83371
Belgium *22298
Bulgaria *81391
Denmark *41245 *50295 *66935 *66936 *91756
diseases *14646 *20016 *28786
Germany *22370 *89568
Yugoslavia *11669
fertilizers *40738
Florida 89763
Germany *75247 *75254 *75303 *91784 *92027
germination *12409 *41245 *90019
Gt Brit 31623
Indiana 11496
injuries *14646 *67100 *81170
Italy *41171
measurement *31605 *31607
New Caledonia 80861
New Guinea 80861
pests *6500 *14646 *43686 *68713 *81425
control *16578 *58844
products *3753
regeneration 3449 50319
seeds *3427 *91825
Switzerland *58791 *81386
thinning *14580
U S S R *32001 *41461 *75346
wood 83661 *3540 *3544 *50479 *50496 *50531 *50573 *58848 *59144 *67026 *67105 *67112 *83672 *92027
properties *41122
utilization *31998 *32020 *32052 *41122 *59105
Fagus grandifolia 31527
Fagus sylvatica 19980 75291 *67225 *91824
Fagus sylvatica osbyensis *81194
Fahrenholzia *78296
Fahringer J *47059
Fairchild D 57413
Fairs 71243 75982 88763 88813 95955 *19306 *96005
Arizona 10765
Belgium *10722
California 67437
Canada 10610 10621 10696 10733 10734 10747 10766 10772
Colorado 80464
Florida 27969
France *55719 *88735
Germany *10620 *10705 *10706 *27968 *27970 *28007 *37797 *46707 *55689 *71854 *80484
Russian Zone *82128 *82134 *95947
Gt Brit 19313 80470 80533 *27964
international 63713 *80501
Italy *19329 *63693 *63710 *95027
Minnesota 71871
Netherlands *10666 *10784 *19345
Pennsylvania 88751
Spain *19367 *37872
Union of South Africa 10778 80485
U S S R *19373 *63755 *63756
See also Exhibits.
Falcolipeurus 69052
Falcopaussus *52478
Falkenbergia rufolanosa *81558
Fall armyworm. See Laphygma frugiperda.

Item

Fall cankerworm. See Alsophila pometaria.
Fall webworm. See Hyphantria cunea.
Fallbrook Citrus Association 36185
Fallopian tubes. See Oviducts.
Falsaspila n g 77732
False stable fly. See Muscina stabulans.
Falsischnolea 93778
Falsoceraegidion n g 93778
Falsochariesthes n g 93778
Falsocolobapsis *68687
Falsomordellistena (Falsomordellistenoda) *6434
Falsomordellistenoda. See Falsomordellistena (Falsomordellistenoda).
Falsonerissus n g *43467
Falsotemnaspis n g *68687
Falsotrachystola n g 93778
Families 10663 10739 10825 46756 80517 88783 *46622
Austria *55721
bibliographies 10731 72019
Canada *27900
economic and social status 37864
Japan *95780
expenditures 9846 37087 55014 55481 71222 71223
India 27260
Michigan 9791
France *10680 *10775 *10777 *37813
Government aid
Austria *10835 *55344 *55676 *88780
Belgium *88227
France *27895 *28044 *46677 *71833 *88805
Germany *80076
New York 10597
relationships 10625—10628 10669 19290 28107 38004 38007 46905 55793 72016 80556 80594—80596 80598 88924 88925 *88923
France *10730
Southern States 27302 80429 80434
Washington 19388
Famine 53383 78717 86515 *7420
Fans. See Electric fans.
Farcy, horses. See Glanders.
Farfugium. See Ligularia.
Farm and Home Week 35664 96002 *5887
Farm Bureaus. See American Farm Bur Federation; and names of local farm bureaus.
Farm Credit Admin. See U S Dept of Agriculture, Farm Credit Admin.
Farm fishponds 69055 69060 78302 78304 86114 86117
Germany *19201 *86109
U S S R *30592 *34732 *43226 *61327
Farm forestry. See Farm woodlands.
Farm foundation 19046 18999
Farm groups. See Communities, group activities; Groups; Organizations; and names of organizations.
Farm Improvement Loans Act (Canada) 9796
Farm Production Electric Power Use Conference 44356
Farm shops 17205 25173 25374 25375 34950 34961 53126 53129 78511 86312 94366 94371
designs and specifications 44143 69285 86316

Item

Farm shops--Cont.
equipment 44141 44143
Germany *78514
Gt Brit 78574
study and teaching 7170 53133 86317 94369
Farm trainees 56003
Farm woodlands 22273 30873 31585 *58740 *83345
Argentina *50233
Australia 41157
Canada *3365
Alberta 14518
British Columbia 14524
Manitoba 14525
New Brunswick 14516
Ontario 14529 14533
Saskatchewan 14531
Colorado 22266
cooperatives 41161 66909
Costa Rica 14460
costs and returns 14528 31594 41167 58746 58747 58748 *55045
Europe *31333
Germany *3377 *31592 *58657 *58739
Russian Zone *83343
grazing
Arkansas 12809
Gt Brit 41078
India 3362 14519
Indiana 14517
management 3340 3367 3368 3370 14536 22261 22262 22268 31584 41041 41163 41165 50235 83341 83344 *3364
Canada 14526 14535 75206
Germany *58743 *75202
Russian Zone *91730
Gt Brit 3375 83346
Indiana 31593
Kentucky 58745
Lake States 31583 58746
North Carolina 14534
Norway *50236 *58744 *66904 *66905 *75203
Pennsylvania 50237
Puerto Rico 14528
Southeastern States 41275
Sweden *22265
Texas 41156
West Virginia 58747
Wisconsin 22272 22377
Minnesota 50238
New England 14521
New York 41159
Norway *66769 *67008
Ohio 31586
policies and programs
Austria *83340
Spain *83339
Wisconsin 22267
study and teaching 31401 31587 41034 41160 50113
Sweden *14527
Western States 3373
Wisconsin 14647
Yugoslavia *22259
Farmco Dealers' Association 27018
Farmers 37831 46743 63682 71841 *71415 *88801
age 37817
Austria *46669
Germany *37767
Netherlands *95802
attitudes 9755 9958 10072 19020 19463 28108 38006 46121 55255 96078
Brazil *72017
France *14226
Malaya 27776
Austria *18953

Item

Farmers--Cont.
Brazil *71785 *80508
Denmark *95946
economic and social status 18890 71227
Germany *28006
Philippines 10714 19352 19354
education and training 28018 55734 63745 63758 71804 *71862
France *27931
Nigeria 14194
U S S R *37835 *96000
expenditures 9775 19179 37076 37080
Gt Brit 88533
India 95637
France *88812
Germany *10329 *10619 *27966 *37361 *38008 *54988 *55628 *71887 *88755
Gt Brit 71866
Iceland *96053
Italy *71772
Japan *55647
New Mexico 46619
political influence 10667 10826 55723 71789 71880 71907 71922 88731 95987
France 88837
Germany *19360 *27942 *28004 *28005 *46697 *46698 *88410
public relations 95950 95981 96026
purchasing power 9867 17517 55013 95603
Germany *44534
Ireland 17608
Virginia 10738
See also Peasants.
Farmers and Manufacturers Beet Sugar Association 46024
Farmers Cooperative Association 10910 18128
Farmers Co-operative Grain Dealers Association of Oklahoma 8994 54454
Farmers Cooperative Gin 45130
Farmers' Co-operative Wool and Produce Union 28355 *26356
Farmers' Educational and Cooperative Union of America 10667 71916 80554 80555
Farmers Elevator Association of Minnesota 45511
Farmers Federation 96057
Farmers Grain Cooperative 36397 45549
Farmers Grain Dealers Association of Illinois 54456
Farmers Grain Dealers Association of Iowa 36353
Farmers' Union. See Farmers Educational and Cooperative Union of America.
Farmers Union Cooperative Creameries of Nebraska 17922
Farmers Union Grain Terminal Association 45512 87642
Farmers Union Jobbing Association (Cooperative) 46790
Farmers' Week *19316
Farmhouses. See Houses; Housing.
Farmingdale Cooperative Egg Producers Association 27018
Farms and farming 2752 10319 10794 37451 37521 37548 46418 46755 63923 71397 *27622 *37459 *37460 *37483 *37484 *46441 *95783

*Text of this reference is not in English.

Item

Farms and farming--Cont.
advisory services 10710
82618 95815 *10773 *80467
Austria *27958 *55674
*82164
Argentina *71921
Denmark *95993 *96001
Europe *55717 *63724
France *37849
Germany 40666 *10687
*10716 *10787 *10790 *10811
*10831 *34792 *37627 *37796
*37840 *37888 *44008 *46661
*46706 *46715 *46721 *46739
*46741 *55661 *55671 *55682
*55716 *55731 *63708 *68460
*71349 *71757 *71796 *71814
*71832 *71873 *71885 *80477
*88479 *88704 *88761 *88811
*95992
Gt Brit 46683 63761
80483 80518 88748 88772
Italy *71834
Netherlands *19344 *37834
*46442 *88733 *88826 *96008
Territoire du Niger *71795
Tunisia *46742
U S S R *94343
Alaska 46387 55377 71567
appraisal 10561 35412
37726 46587 55575 63490
71728 71733 *70307
Canada *71732
France *63659 *88695
Germany *10568 *27344
*88700 *95927 *95928
Gt Brit 10560 46584
46585
Italy *10564 *37722 *37725
New York 55581
Spain *63662
Sweden 46588
Western States 55579
as an occupation 46426
19093 19124 19247 19265
37498 46426 55432 63483
80478 *10329 *19146 *46367
Austria *55369
Dominican Republic *71541
Gt Brit 88488
Australia 80318 95806
*88491
Austria *10284 *19099
bibliographies 95809
Bolivia *88514
California 10306 80319
Canada 7361 19102 27667
46371 73635 88496
classification 19259
Columbia Basin *37554
contracts 46385 55371
55372 *55388 *71577
cooperatives 27596 27597
27668 80257 80276 80306
*19112 *63493 *95787
Arizona 37456
Bulgaria *10340 *80380
Canada 10242
Far East 27677
Gt Brit 95812
India 10253 10256 19138
71528 95801 95819
Israel 10325
Kenya 88465
Paraguay 55395
Pennsylvania 80310
Spain *71526
Yugoslavia 71572 *82057
*88298 *88502
costs and returns 7574
19167 27364 27723 27750
37588 37598 37611 46063
46245 46339 53017 55383
55440 55443—55445 55463
63572 71658 88200 88530
88536 88540 88541 88543
88544 88545 88595 95880

Item

Farms and farming--Cont.
costs and returns--cont.
*9783 *19159 *27255 *27731
*27749 *35324 *46475 *53517
*55417 *55486 *63593
Arizona 46213
Austria *37618 *37619
*37620 *55461 *55462
Belgium *88549
Brazil *95858 *95870
Canada 10371 10407
46500
Denmark 71630 *27719
*46469 *63570 *63584 *71631
France *10397
Germany *37627 *55490
*80345 *88550 *88574
Gt Brit 10411 19182
27700 46472 63582 69659
71650 88492 88561 88584
Scotland 37592 37593
37595 37596 71624 88577
Iceland *19170
Illinois 19179 55466
63535
India 19161 27260 88532
88542
Ireland 71575 71644
Italy *18918 *71657 *88548
Kentucky 88573
Louisiana 71639
New Mexico 95869
Michigan 37081
Minnesota 10382 10404
10405
Netherlands *10403 *27748
*46482 *46485 *61338 *71656
New York 55441 55442
63574 63576 71553 88558
New Zealand 17650
Northern Ireland 46495
Norway *80340
Sweden *10830 *17657
*19171 *19180 *46480 *55469
*63569 *63571 *63578 *71637
*80061 *80356
Switzerland *17657 *95874
Union of South Africa 25695
*55458
U S S R *55047
Wyoming 46481
Denmark 19142 *31116
*55364 *71560 *88469 *96168
Dutch Guiana 80265
Europe 19139
family 7415 9841 10305
10355 10682 27581 27662
27666 27675 27681 37516
55393 55429 71789 88498
88523 88595 88673 95829
*95919
Argentina *27384
Canada 46400
France *88486
Germany *9918 *9955
*25460 *37534 *55119
Italy *9950
Louisiana 10379
Netherlands *80283
New York 88673
Puerto Rico 19140 19141
Southern States 80289
Switzerland *37193
father-and-son 10247 10298
10337 10345 27623 27628
37547 46366 46385 55371
55372 55412 55426 63492
71589 80308 88457 88483
88529 95792
Florida 46405
France *10270 *10271 *37529
*46378 *63474 *63475
Germany 80279 88497
*27602 *37466 *37479 *46424
*69743 *71542
Gt Brit 9750 10275 10308
10323 10338 20517 27631
27635

Item

Farms and farming--Cont.
Gt Brit--cont.
27663 37510 37511 46408
71531 71568 80250 80256
80267 80288 80291 81940
83998 88511 95800 95808
Scotland 37486 46406
46408 80287
Wales 88473
Guatemala *63540
Hebrides 37490
history 28308 38203 63533
Brazil *37504
Gt Brit 27631
Southwestern States 27612
Union of South Africa 64033
Hungary *63547
Iceland *46445
improvements 37076
Austria *61324
Canada 9796 37096
Italy *9799 *55031
inheritance 10483 46554
71681 71714
Austria *55533 *95918
France *10514 *71702
Germany *37674 *55546
*80391 *88656
legal aspects *55546
institutional 46363 88475
*37454
Arkansas 27922
Colombia *10351
Germany *27981
Sweden *80307 *95820
Ireland 95790
Israel 46404 71540
Italy 46417 *46370 *55358
*71565 *80259
Japan 46401 *80282 *80284
*80311 *95822
large-scale
Africa 63426
Brazil *37504
Germany *34787
Indonesia 63514 *80301
Netherlands *7005
Spain *27780 *46548
Venezuela *10343
layouts 34739 43938 52917
69066 86115 86118 *25161
*34731 *52913 *94218 *94223
Austria *52910 *69056
*86105
France *86103
Germany *25163 *34733
*44262 *53233 *69067
Italy *6931 *94215
Netherlands *6942
U S S R *6937 *34735
*34740 *34743 *61332
legal aspects
Argentina *27384
Fiji 55651
France *10322 *63513
Long Island 55360
Madagascar *88477
management 3068 10244
10245 10292 10293 10344
13880 13960 19097 19106
19126 19148 27603 27608
27614 27624 27630 27638
27652 27656 27657 27723
35352 37461 37463 37469
37473 37475 37491 37496
37527 37537 37678 37700
37852 46391 46433 46454
55394 55440 63478 63490
63516 63521 63523 63543
71524 71535 71549 71554
71673 71949 80260 80278
80293 80299 88456 88458
88466 88472 88504 88522
88528 95811 95815 95826
95827 95829 *9739 *10331
*19119 *19135 *19208 *27606
*27610 *27697 *27731 *37531

Item

Farms and farming--Cont.
management--cont.
*46386 *46443 *55374 *55417
*57005 *71527 *71546 *71599
*88524 *90561 *95817
Alabama 1278 10303
27604
Australia 10269 10316
71557 71564
Austria *10341 *46380
*46381 *46411 *88461
Belgium *19079
Canada 10371 10521
27601 37467 46400 63491
Channel Islands 19111
China 46363
conferences and congresses
*19087 *19136
Denmark *31117 *71559
documentation 95794
Fiji 63511
finance 9784 18863 27250
27259 31164 37075 37086
63257 63555 71226 80024
80025 *9783 *37085 *55011
*88170
Germany *55009 *55501
Iowa 80026
Japan *71225
South Carolina 9774
U S S R *9777 *55433
*63230
Finland *19110 *19154
France *71585 *80316
*88486
Germany *6986 *10327
*10333 *10342 *21523 *37526
*37528 *37627 *46198 *46373
*46379 *46431 *46432 *55120
*55376 *55391 *55401 *55421
*63507 *63525 *63542 *71513
*71550 *71551 *71592 *71607
*71886 *88479 *95798
Gt Brit 10259 10281
19120 19152 27650 27655
37452 37476 37523 37540
46376 46390 46416 46472
55390 55408 55464 63505
80263 80295 80320 88526
*37480
Scotland 19104 80272
India 10262
Ireland 71575
Isle of Man 46360
Italy *35410 *55351 *80300
*80370 *80381
Japan 95831 *10354 *95803
Jersey 71552
Kansas 63504
Kentucky 10315 10349
27640 63517 71582
Mozambique *10277
Nebraska 10336
Netherlands *10334 *27387
*46394 *63488 *63545 *95802
New England 19088
New York 55397 71553
New Zealand 10335 54996
55419 80285 80290
Northeastern States 95824
Norway *10282 *10285
*37471 *63531 *71569 *71586
*88506
Ohio 10255
Oregon 10290 *19095
Philippines 10714
research 37481 37555
37556 80320 *37462 *63487
Southern States 10318
Spain *55359 *71526
Sweden *10287 *19096
*19128 *19129 *37543 *63502
Switzerland *10364 *37544
Tennessee 55425
Turkey 37487
Union of South Africa 10353
Western States 63473
Yugoslavia 19131

*Text of this reference is not in English.

Item

Farms and farming--Cont.
marginal 20709 27649 29779 55567 *55486
Argentina 3904
Gt Brit 10297
Sweden 46588
Maryland 19118
methods 10251 19274 27421 27636 27676 27681 38317 46665 55383 63482 63521 63533 63544 80298 88509 93357 95823 *10273 *10311 *10313 *19135 *34808 *37470 *46413 *55420 *63486 *71539 *71584 *80297 *80312
Algeria *37853
Australia 19145
Cyprus 71576 80264
Denmark *80281
France *19136 *80316
Germany 19017 *10059 *46365 *46425 *55367 *63510 *80309
Gt Brit 46438 86134 88675
Illinois 63535
Israel *71608
Italy *80254
Japan *80282
Latin America *11234
Madeira *71570
Morocco *19080
Nebraska 63536
North Carolina 95830
Norway *27365
Philippines 19117 71812
Union of South Africa 80315
U S S R *71598
Middle East 37653
Mississippi 10289
models *27609
mountain areas
Austria *88461
Georgia 10243
Gt Brit 10291 10339
Indonesia *66666
Italy *63481 *71649
Switzerland *80270
names *10802 *46445 *63479
native
Africa 63546
Netherlands 10283 46436 71596 88495 88521 *10249
New Zealand 27651 46377 55366 55378 55400 88518 *46409 *71562
North Carolina 27661
Northern Ireland 95810
Norway *71602 *80730
Oregon 71547
Orkney Islands 80253
Pakistan 27674 55402
Philippines 71563
policies and programs 27943 37868 55642 88482 95821
Antilles *10254
Austria *46389
Germany *27686 *46412
Italy *55434
Philippines 46510
productive capacity 88493
Canada 88452
Germany *71607 *88500 *95795
Iowa 80026
Northern Ireland 80296
Puerto Rico 71530
purchase and sale 27880 27881 46587 46593 55573 71729 71745 88699
Denmark *27878
Germany *10485
Italy *37722
South Carolina 95929
records 27342 27645 27690 27698 37560 37562 37563 46447 46448 46456 88534 95832 95833 *71610 *95836

Item

Farms and farming--Cont.
records--cont.
Germany *55435 *80345
Gt Brit 10300
Iceland *71613
Illinois 27694 55466
India 10366
Netherlands *46394
Norway *88506
Rhode Island 95785
Saudi Arabia 74795
size 10118 37678 37700 63602 71673 88643 *9739 *86278 *88524 *95919
Arizona 46440
Australia 71708
Belgium *71689
Bolivia *10453
Canada 27858
France *10478
Germany *9378 *26627 *45479 *46104 *71529
Idaho 27818
Ireland 69739
Italy *10458 *10513
Nebraska 10336
New England 80258
North Dakota 27794
Northern Ireland 46495
Spain *10450 *27780
Sweden *55469 *80090
Union of South Africa 95914
Washington 27818
small-scale 10355 37542 46407 71240 80183 86131 86189 86195 94539 *19952 *34811 *55404 *80269 *86135 *94271
Africa *55355
Asia *55355
Austria *27758 *86192
Belgium *69075 *71738 *86126
Bolivia *10453
Brazil *74392
Finland *80060
Germany 69136 *25175 *25177 *25408 *27632 *46054 *63524 *71595 *80108 *88527
Gt Brit 10272 10281 55362 60493
Indiana 10522
Ireland 63508
Italy *10458 *61365 *71339 *86338
Kentucky 10257
Mexico 28062
Netherlands *37346 *37512 *46524 *71532 *78357 *88642
North Carolina 78539
Spain *27647 *27780
Sweden 86127 *94407
South Carolina 27450 95929
Southern States 37064 71597 95926
Spain *71587 *88453
statistics 88487 95824
subsistence 37542
Sudan 27633
supplies 28261 55964 78365 80545 96047
surveys 37500 88487 *10284
Sweden 10347 *46374 *71548 *71601 *96178 *96184
Switzerland *71591
tenancy 10523 19222 19223 19249 27797 27812 27866 37655 46532 55507 55540 71679 71714 80382 80386 88666 *10517
Austria *10469
Chile *19086
Denmark *46539
Europe 19225
France *10486

Item

Farms and farming--Cont.
tenancy--cont.
Gt Brit 88626 88677 95899
Illinois 46553
India 19203
Ireland 46550
Italy *46520 *55545 *63630
legal aspects 46543 88677 95908
France 27799 *10473 *27841 *37657 *37677 *88660
Gt Brit 71683
Netherlands 27853 *19228 *71695
New York 7341
North Carolina 95913
North Dakota 55531
Philippines 27863
Southeastern States 95908
Southern States 88665
Spain *10504 *18911 *46525
Texas 55530
transfer 27862 37693 46518 63288 63606
Germany *19244 *37690 *37702
New York 88266
Turkey *80274
types 19094 19127 27637 71568 83078 88493 88513
Arizona 46440
Belgian Congo 88489
Canada 88452
Denmark *71559
Finland *19153
Germany *46421 *55416 *88463 *88500
Gt Brit 10300 63582 80273 80304 80305 88492
Iowa 80408
Israel *80271
Italy *19143 *55396 *88476
Netherlands *19151 *37467 *39827
Norway *10285
Puerto Rico 37750
Southern Rhodesia 46434
Union of South Africa 71573 71594
values
Belgium *71738 *71739
Gt Brit 71742
New York 55581 88696
Ohio 63660
Sweden *63655
Washington 37493
See also Agriculture; Collective farming; Conservation farming; Corporation farming; Demonstration farms; Diversified farming; Dry farming; Experimental farms; Grassland farming; Group farming; Part-time farming; Ranching; Share farming; State farms; and subheads farming; farms; farms and ranches under specific subjects.
Fasciation. See subhead abnormalities under Plants and names of plants.
Fasciola hepatica. See Liver fluke.
Fascioliasis 83952 *51827 *84388
Father-and-son agreements. See Farms and farming, father-and-son.
Fats. See Oils and fats.
Fatty acids 36695 36711 45315 70954 87853 *9445 *54732 *62942
analysis and composition 36718 54718 70927 70947 79832 87832 87854 *79787

Item

Fatty acids--Cont.
chemistry 5691 9502 17870 18669 25988 36734 36747 70938 87853 *54731 *70934 *70980 *70988
determination 24180 44834
enzymes *45771
hydrogenation 71001
in blood 4571 76240 85103
in butter 25990 25991 *35763
in casein 78992
in cheese 79011 79019 79141
in coconut oil *70965
in cottonseed oil 36754
in cream 79035
in eggs 36821
in food 94517
in grain 95203
in meat 87749
in milk *35684
in peanut oil 26953
in oils 95361
in poultry 87749
in rapeseed oil 9503
in rice 45535 79595
in rumen 68228 92284 93163
in sheep physiology 68253
in silage *87150
oxidation *45771
processing 36750 54693 *87893
unsaturated *23239
Fatty esters 36721
Faustinus cubae *77773
Fayette silt loam 40439
Fazenda Experimental de Criação Jupananá *15671
Feather River Project 14052 58429
Feathers 5389 23975 63011 *76829
Germany *33292 *45843
poultry *5354
ostriches 93098
quality 23968
See also Poultry, feathering.
Fecal impaction *84655
Feces 64893
Arthropods 85586
cattle 4610 23301 23317 76225 76320 84213 92666
analysis and composition 59642
insects 60525
poultry 15811 33218
sheep 5698 76993 85079 93177 *33556
swine 51974 51975 85190
Federação Nacional dos Industriais de Lanifícios *94942
Federação Nacional dos Productores de Trigo *45513 *87572
Federación de Cajas de Crédito *9806
Federación Nacional de Arroceros Colombia *84960
Federación Nacional de Cafeteros *19353
Federación Rural *71953
Federal Crop Insurance Corporation. See U S Dept of Agriculture, Federal Crop Insurance Corporation.
Federal Farm Mortgage Corporation 9804
Federal Insecticide Fungicide and Rodenticide Act 6032 33928 55967 55992
Federal Land Bank of Wichita 88186

*Text of this reference is not in English.

Item

Federal Land Banks 18881
27293 46098 95612
Federal-Provincial Agricultural Conference (Canada) 46303
Federal Seed Act 18747
27080
Federal-State Shipping Point Inspection Serv 78771
Federal Viticultural Council of Australia 78879
Federated Farmers of New Zealand 10875
Fédération Belgo-Luxembourgeoise des Industries du Tabac *18811
Fédération des Fabricants de Produits Laitiers *35639
Fédération des Familles de France *37813
Fédération des Viticulteurs Charentais *36096
Fédération Nationale des Syndicats de Propietaires Forestieres Sylviculteurs *31404
Federation of Malaya Dept of Forestry 22158
Federation of Malaya Veterinary Dept 83895
Fédération Pyrénéenne d'Économie Montagnarde *88890
Federazione Italiana dei Consorzi Agrari *88844
Feed 3855 4966 5763
8970 15368 15385 22830
23831 32902 35906 41716
45080 59600 80664 86979
92946 *23813 *32264 *32273
*60160
adulteration *94893
advertising 8370 8385
18026 26299 45091 62300
analysis and composition
5210 8379 8391 14275
22793 22794 23847 23926
35893 35916 41732 45125
50781 54061 68002 92780
94900 *18034 *33556 *35894
*41680 *62288 *70297 *70321
*70334 *79196 *87132 *94893
Florida 45103 83153
Kentucky 8383 35893
54045 70322
Malaya 3951
Minnesota 18041
Mississippi 45110
Missouri 54052 94908
New York 70333
North Carolina 26292
Texas 35879
U S S R 62311 *24249
Wisconsin 8416
associations 45127 45490
Australia 33558 33566
76181
Brazil *33228
care and handling 8384
45102 54043 54056 70338
87142 94902
equipment 8345 9137
17265 26262 26753 36448
61490
concentrates 4470 5641
23824 23829 35904 42098
42106 51086 51905 67265
67583 68206 76155 83762
83776 84187 92538 94900
*4467 *4482 *4527 *15079
*22806 *22866 *23206 *23228
*24138 *32267 *42621 *43026
*50729 *54053 *59170 *59587
*62286 *62287 *76184 *76321
*85013
Australia 35899
Germany *45112 *54060
Puerto Rico *8403

Item

Feed--Cont.
conferences and congresses
41766 70306 70703 79225
79226
Germany *8408
Kansas 45096
U S S R *35915 *54062
Washington 22871
containers 69634
costs and returns 37612
59578 *46498 *60444 *88597
Germany *46477 *88576
*88598 *95856
Gt Brit 35877 51598
55474 63566
South Carolina 10373
credit 9833 27294 37102
63236
Denmark *4490 *15630
digestibility 41826 42043
50781 76320 84223 85079
*42590 *42875 *42917 *59921
*75897 *85086 *85088
Peru *59221
directories 9014 26681
36335 54463 70314 70718
79580
Canada 36334 36335
Iowa 45591
Wisconsin 18024
enzymes 15387
Europe *46299 *71064
exhibits 70304
Finland *15118
flavor and odor 41739
*3931 *15119 *32292
formulas 3936 3944
3963 4444 4478 5209
5216 5220 5229 5230
5260 5266 5267 5641
5771 8407 15106 15360
15387 15773 15775 15786
15986 16057 16074 16076
18036 22819 22823 22844
22868 23220 23224 23253
23544 23817 23832 23833
23835 23841 23854 23890
24238 32636 32666 32903
33194 33204 33214 33219
33224 33234 33243 33285
33672 33690 33701 41690
42376 42575 42584 42596
42681 43037 50699 50753
51577 51592 51908 51911
51912 51938 52010 54047
54054 59189 59243 59545
59549 59588 60062 60071
60073 60088 60098 60102
60106 60410 60428 67262
67265 67270 67536 67582
67584 68318 70303 75805
76172 76173 76729 76761
76762 77071 83790 84162
84182 84223 84227 84807
84808 84818 84823 84829
84830 84831 85197 85199
85226 87145 92948 92972
92974 92975 93236 *5235
*5237 *22848 *22876 *32237
*33226 *33233 *33498 *42452
*42876 *50779 *51148 *51152
*51675 *67859 *68035 *75751
*84762 *93230
Canada 15110
India 42032
Kansas 84180
New Zealand 15347
Sweden *42081
frozen 26285
Sweden *15626
futures 26263
Germany *3902 *3903
*48502 *54030 *54059
grading and standardization 9057
Germany *45112 *94909
Gt Brit 27588

Item

Feed--Cont.
green 92959 *3843 *8378
*17383 *22833 *23265 *33668
*60339 *67305 *77084 *83802
*85191 *92196 *92551
drying *8369 *50690
*87156
Germany *8363
nutritive value *50690
U S S R *24249 *26300
*32597 *32661 *33197 *48472
*57290 *59223 *67255 *75773
*75785 *82068
Guatemala *3947 *41758
home production 3959
5267 5646 10425 15123
23253 23835 41735 42088
42578 45614 51137 57051
60105 63566 68029 84831
92968 *1449 *20711 *57279
Austria *54025
France *60426
Germany *23222 *51928
*54037 *65189 *67576
Gt Brit 12816 15062
15531 35877 39511 55474
81897 87136
New York 51096
New Zealand 5775
Norway *4481
Sweden *59546
Union of South Africa *82076
industry 8347 8351
11060 15058 15154 18022
19542 22856 26267 35920
45092 45910 50751 54039
54054 59220 59248 62323
63737 63904 67298 70294
70298 70300 70331 70340
79198 93055 94891
Europe 8412
France *8354
Germany *8398
Netherlands *62291
New Hampshire 62282
Southwestern States 9579
supplies 62320
Switzerland *26302
U S S R *35907 *35910
Ireland 67308
labeling 18032
legislation 26269 26270
marketing 8357 8360
8364 8381 8382 8411
18030 45080 45081 45087
45101 79199 87160 94896
*79623
France *8390
Germany *8344 *35913
India 8367
New York 35904
milling 4448 8350 8404
26284 35903 35918 45079
45113 54047 62290 79191
87134 *18055 *51934 *79210
*87140
conferences and congresses 8342
cooperatives 26298
costs 18044
equipment 45128 70302
78504 87152 87153 *8372
*26286 *44133
France *8390
Germany *35914
Puerto Rico *8403
statistical methods *8368
study and teaching 70301
79559
Netherlands *26290
Norway *84817
nutritive value 15786 24238
32277 33213 37612 41689
42099 42572 50774 59238
75788 83788 84213 *33561
*35914 *41750 *50687 *50769

Item

Feed--Cont.
nutritive value--cont.
*59172 *75817 *79202 *84224
Germany *50801
Malaya 3951
packing 35902 62294
69635
particle size 16073 76736
pellets 4440 4720 5216
5651 8415 15782 15985
18044 23190 23847 24273
26298 33185 42596 42601
45116 50730 51273 92228
*23877
Peru *85086
Philippines 5221
policies and programs 26270
45086 46224 70341 79556
*15074
Corn Belt 45090
Czechoslovakia *18039
France *62298
Germany *8399 *26277
*45121 *54058 *62315 *79207
*94899
Russian Zone *70336
Italy *62298
Netherlands *70343
U S S R *8378 *26281
*26297 *26300 *35897 *35901
*35921 *37506 *37518 *45077
*45078 *54026 *54062 *62299
*62313 *62314 *62316 *70339
*79195 *79201 *87158 *94889
*94906
Ukraine *45107
preservation 26307 32268
35911 41736 *18038 *18046
*70325 *86302
Germany *35881
prices 26304 42629 45082
45496 54032 62281 *3964
Canada *37583
control 26271 *45078
Germany *10392 *46491
*50801 *54037 *62304
Gt Brit 35877 37608
Netherlands *45126 *54031
Norway *45119
processing 5248 8358 8389
17383 23190 24137 24273
32602 33205 33245 42098
42596 42601 45116 67858
68023 87145 *8373 *18048
*22786 *24241 *33683 *50718
*51587 *61586 *62284 *62307
*62318 *70335 *75746 *75817
*79213 *79214 *84224 *86398
costs *35874 *46498
equipment 17276 17378
18027 61482 87151 *34918
*34939 *53110 *61481 *61492
*69115 *69274 *78496
U S S R *34933 *61475
*61476 *69272 *78487 *78494
Germany *8365 *35874
*45111 *69279
Gt Brit 62310 76169
U S S R *32275 *32291
*50738 *59182 *62327 *83749
*83779
proteins 5218 8401
15070 23867 23879 26305
32261 35877 35899 55474
63566 *15780 *23228 *41684
public relations 7495
8339 8362 8364 8381
8397 18029 35873 45093
71612 79192 79206 87135
Belgium 8359
purchasing 37080 *18025
quality 8356 8371 18033
18049 70331 92886 *32269
*70328
Gt Brit 67295
Netherlands *8366

*Text of this reference is not in English.

Item

Feed--Cont.
rationing 87165
refrigeration 32977 *15626
regulation and inspection
8371 18022 18030 18035
18043 18045 18050 26296
35883 94887 94895 94898
Arizona 87131
Canada 94901
Connecticut 70315
Germany *35908 *35912
*35913 *79208 *87154
Gt Brit 25667
Indiana 8377
Maine 18052
Massachusetts 45109
New Hampshire 8355
New Jersey 87159
Oregon 26273
Sweden *35875
Texas 35879
Venezuela *54053
Vermont 54063
Virginia 26275
Wisconsin 8416
requirements
3888 15386 32257
45088 76162 79216 94888
*20654 *22810 *45084 *45117
*50766 *67290 *67321
Balearic Islands *9980
Germany *23264 *45098
*54036 *94915
research 3934 5262
22870 26288 32215 33230
42610 50699 67304 68001
68022 70344 *70332
Netherlands *32619 *62297
statistical methods *42081
sanitation 18047
situation and outlook 8346
8353 8392 8400 8413
15367 17544 18031 18053
18526 22797 26261 26264
26265 26266 26272 26274
26279 26282 26283 26287
26295 26301 26305 26306
26809 26811 26812 28265
35880 35885 35909 35911
36482 36483 45083 45089
45118 45120 45829 54049
62283 62292 70308 70309
70329 70340 79193 79211
79212 87133 87148 87161
92544 94888 94912 *70295
Australia 8401 35899
Austria *38039 *53712
*54048 *62309 *94904 *94905
Belgium *8349 *8395
Canada 8386
Chile *18037
Denmark *26293
France *79203
Germany *8375 *9246
*26276 *45114 *45122 *62324
*94915
Gt Brit 35895
Jamaica 54035
Morocco *87149
Netherlands *15769 *54040
*87141
Northeastern States 18042
*26294
Norway *15342 *62286
*62287
Philippines 33188
Sweden *59546 *70318
Texas 79222
Union of South Africa
*70330
U S S R *94890
Yugoslavia *92225
spoilage *15119 *23239
statistics 26274 70342
84227 *79623
storage 3926 61642 61645
69449 87162 94424 *35137
*44321 *87167

Item

Feed--Cont.
storage--cont.
Denmark *35892
Sweden *44325 *69457
U S S R *87137
study and teaching 62290
substitutes 8396 35886
41707 80339 *41758 *83725
Germany *43048
supplements 3852 3948
4468 4470 5764 5790
16065 22825 22858 23266
23804 23829 23837 23856
23875 23886 24237 32655
33191 33215 33273 33672
33673 41724 42595 42623
42665 45108 50722 51091
51435 51906 51944 54041
59559 60087 60408 60439
67534 67536 67567 67584
67856 68003 68299 68303
75757 75768 75777 76227
76252 76726 76766 76767
84576 84639 85080 85190
85195 85197 92570 *3902
*5715 *50789 *51150 *60422
*75742 *92967
Canada 32643
Germany *33685
Norway *67305
Sweden *76186
Switzerland *90369
terminology *67250
tests 54041
Texas 92548 93148
toxicity *4207 *15629 *22800
*23275 *32387 *41811 *92786
trade
Austria *38039 *55848
Belgium *8349
transportation 8340 45099
45102 54055 54056 54057
62302
equipment 17425 26262
*7016
New Jersey 35905
Spain *45078
U S S R *22809 *27355
*35884 *37204 *37228 *60337
*80101
utilization 22812 26274
54042 *75809
vitamins 3925 22845
32229 41700 *15085 *32221
*32249 *32284 *75746 *92229
U S S R *92236
Wyoming 32660
Yugoslavia *92212 *92219
See also Dog foods; Pastures; Roughage; Silage; names of feeds and their components; and subheads effects of feeding, feeding and nutrition under Livestock and names of animals.
Feeders. See Creep-feeders; Self-feeders.
Feeding lots. See subhead feeding and nutrition, feed lot under names of animals.
Feet
cats 15587
cattle 4605 42248 51251
59519 84392
abnormalities *32712
*84422
injuries *23367
surgery 92658
dogs 4922 84556
*42345
foxes *15633
horses 5038 42474 59952
poultry *33126
swine
abnormalities 24301
*93261
Fehling's solution 9686
*18765

Item

Fehling test *61901
Fehr A *38209
Feijoa 73767
Felin Agricultural Experiment Station *82750
Feline distemper. See Feline infectious enteritis.
Feline infectious enteritis 51380 76534
Feline pneumonitis 4899
51402 92742
Felleskjøpet *61752
Felt 38663 94920 94945
Femsjonia luteoalba 81108
Fenatox. See Toxaphene.
Fence posts 3648 14840
41451 91729
concrete 7370 78653
measurement 41179
Missouri 92037
preservation 3623 14805
17509 31977 41407 41431
50480 50481 50482 58973
58981 75493 83532 *75490
soaking 22574 22575
22576 41414 75498 75502
Southwestern States 22566
22567
Tennessee Valley 22561
Fences 17511 25529 30238
66648 69463 78648 78651
86463 *7369 *25528 *61650
*78654 *94472
Australia 17505
Austria *7372
construction 17504 17507
17509 25531 44329 44336
53328 61649 78649 *69461
costs 17504 *66972
designs and specifications
44328
electric 17506 17510
23262 25532 53323 69459
69462 69464 78580 78652
*7371 *17512 *25527 *35141
*44326 *53322 *61647 *61648
*69460 *86462
Canada 44333
Germany *25530 *44330
*44331 *44332 *44334 *53326
*69451 *78650 *80395
Italy *7373
New Zealand 69465
wire 35144 44327
*41257
See also Hedges.
Fennel. See Foeniculum vulgare.
Fennel oil *9419 *54738
Fenugreek Trigonella *48377
*56821
Fenusa pusilla 16908 68901
68902 94034
Ferbam 38770
Fermentation 35891 44585
53553 56995 63097 94608
*7626 *7643 *26955 *35388
*44574 *44583 *61850 *62942
*69790
alcoholic *53651 *53674
*61863 *61928 *69703 *69782
*78828 *86703
Austria *69866
bibliographies 53538
chemistry *61844
industry *44568
See also Bacteria; Enzymes; Microorganisms; Yeasts; and under names of products.
Fern leaf
tomatoes *11996
Fernald M L 28314 38339
Fernhurst International Conference 47377
Ferrara Scuola di Perfezionamento per l'Industria Saccarifera *95490

Item

Ferric oxide *82713
Ferric thiocyanate method 79698
Ferrisia virgata *43662
Ferrisideaspis n g 16800
Ferrocyanides 84699
Ferrous sulfate 77097 *29298
Fertility. See under Livestock; Population; Soils; and names of animals.
Fertilization of plants. See Pollination; and subhead pollination under names of plants.
Fertilizers 2537 2749
2840 3120 13907 13909
13915 13916 13980 14002
14006 14256 14288 21406
21656 21726 21751 21759
21991 21996 22000 29494
30724 30846 30892 30903
30906 30907 30929 30954
31020 31037 31050 31234
31238 40578 40589 40723
40912 40917 40919 49486
49598 49603 49691 49702
49736 49737 49801 50008
57656 58238 58264 58275
58297 58541 64911 66101
66311 66390 66443 66447
66599 74558 74609 74638
74669 74910 74911 82824
82840 82872 82915 91216
91303 91308 91506 91507
*1072 *2699 *2756 *2771
*2785 *2791 *2796 *2798
*2823 *2833 *2834 *2844
*3140 *12578 *12580 *13898
*13919 *14026 *14268 *14317
*20364 *21489 *21512 *21580
*21581 *21659 *21753 *21992
*21993 *21998 *30710 *30722
*31235 *31236 *31241 *31264
*40523 *40640 *40667 *40714
*40740 *49778 *49494 *49552
*49588 *49617 *49654 *49655
*49678 *49681 *50010 *50011
*58260 *58317 *58345 *58366
*58546 *58547 *66417 *66422
*66678 *66679 *66682 *74561
*74562 *74636 *74909 *81657
*82696 *82827 *82888 *82896
*82907 *82912 *82914 *82917
*89951 *91357
adjuvants 31260
advertising 31279
Alabama 49739
Alaska 40699
analysis and composition
14271 14275 21766 22033
31259 58565 66699 83145
*14273 *14277 *22026 *22027
*74928 *74929 *91518
Connecticut 50025
Florida 83153
Kentucky 3132 66702
Mississippi 58566
North Carolina 22028
Pennsylvania 22030
South Carolina 31255
Tanganyika 35235
application 2776 2828
13968 13989 16252 21680
21698 30022 30960 31012
40642 40644 40681 40711
40809 49566 49576 49577
49596 49641 49642 49706
49725 49742 49770 58234
58335 58336 58346 58347
66329 66344 66345 66362
66367 66372 66373 66377
66444 74595 74631 74633
82902 82955 91304 91307
91313 91316 91332 *2727
*2751 *2753 *13944 *21647
*21715 *21753 *21793 *21846
*21894 *30992 *31006 *31044

*Text of this reference is not in English.

Item

Fertilizers--Cont.
application--cont.
*40675 *49695 *58286 *66282
*66291 *66321 *66332 *66382
*66401 *82811 *82859
costs 49662
Denmark *2762 *58290
El Salvador *30993
equipment 7082 7085
17321 17324 17379 34860
34865 44064 53048 53052
61440 94307 *7073 *7083
*17316 *17320 *21736 *31095
*53045 *53058 *53059 *61439
*61441 *69213 *86242
U S S R *44067 *53056
*61437 *78438 *94303
France *21672
Germany *40657 *40733
*66368
India 13987
Italy *2721 *21856 *66327
*74572
Maryland 74543
New Zealand 2800 66331
seasonal *2762 *21728
Sicily *14065 *31094
Sweden *30820 *30948
*74547 *74670
U S S R *21520 *21712
*21713 *21737 *21743 *21747
*30910 *30975 *31023 *40609
*49553 *49593 *49653 *49675
*49728 *49740 *49788 *58138
*58263 *58363 *74577
Arkansas 66370
Asia 82786
Australia 2765 74933
Austria *21717
*49677 *49687 *61337 *66354
Balearic Islands *9980
Belgian Congo *82842
Belgium *30900
Brazil *18869
California 91519
Canada 21731 66676
Caribbean area 82839
Colombia *21997 *31038
*31284
conferences and congresses
*40913 *40915
U S S R *49673
consumption 66705 66715
66716 74940 74943
Australia 3141
California 31278
Europe *58571 *91525
France *74931
Italy *3142
statistics 74945
cooperatives 3151 40929
40934 50033 50034 50039
91526
Australia *58581
costs and returns 40937
71625 71658 95880 *58569
Austria *80360
Germany *55473 *55491
*88591
Denmark *2773 *21697
effects on insects 68451
effects on plant disease
56765 72691 *19954 *38645
*72877
Florida 74614
foliar application 13982
30902 30933 31004 31027
39164 49569 49592 49615
49718 49727 49754 49791
54313 66277 66351 66352
74612 74648 *30905 *66387
formulas 3130 22025
22032 31256 31260 31281
50026 58230 *3127 *3133
*14263 *14274 *14276 *49575
*66701 *83156
Germany *50028
Sweden *82709

Item

Fertilizers--Cont.
France 31240 *13929 *22031
*30935 *31275 *35013 *49630
*49776 *66305
Georgia 30940 49668
Germany 40666
*2708 *2740 *2781 *2837
*13974 *40601 *40643 *49624
*49634 *49670 *49699 *49711
*49745 *49764 *58110 *58354
*66348 *82874 *91208 *91297
grading and standardization
22029 *40928
granulation 50047
*2602 *21661 *21768 *30973
*31001 *58326 *58556 *91520
equipment *22034 *31258
*53045
U S S R *31023 *31237
*40496 *40662 *40685 *40712
*40732 *49722 *50027 *58296
*58307 *58342 *82845
Gt Brit 14286 21994
40721 58343 *58543
Great Plains 21767
Hawaii 64937
hazards and safeguards
24440 66700 83163
history 38234
Idaho 66427
India 22043 66290 66313
66403 66406 66410 66680
66681
Indonesia 66347 82786
*49782
industry 14294 31279
83167 91523 *74936
Australia 31269 40946
Austria *50030 *50054
Brazil *74938
El Salvador *3144
Europe 31283 66712
Formosa 74932
France *14290 *66717
Germany *58574
Gt Brit 66713
India 74942
Southeastern States 14279
Spain 58579
Union of South Africa
58573
Western States 66711
Ireland 31008
Italy *2705 *21658 *58544
*66302 *82927
Japan 14295 *40695 *40696
*74586 *74937 *91328
Kentucky 2778
liquid 7082 13959 13976
49576 74582 91288 91318
*21716 *91342
Louisiana 49792
manufacture 3149 14265
14272 40929 40932 66700
74939 *31265
equipment 83154
India 40931 50053 66710
Philippines 40940
Maryland 49570
Mexico *37328
Mississippi 30990
Missouri 58211
mixtures 3126 40937
58359 58563 58568 74927
91521
Mozambique *21670
Nebraska 21786 21787
Netherlands 82810
*2805 *31030 *49729 *58319
*74410
New Jersey 21740
New Zealand 49689
North Africa *91292
North Carolina 31046
North Dakota 66426
Norway *21714 *49774
Ohio 40677

Item

Fertilizers--Cont.
Oklahoma 40629
Oregon 49797
organic 3120 21996
40674 40919 40954 50008
66146 66362 66677 74910
*2851 *3119 *21998 *40916
*74909 *91352
El Salvador *3144
Gt Brit 21994
India 66681
Northwestern States 22002
seasonal 66263
U S S R *2814 *49675
*49753 *50063
packing 50031 58572
Pennsylvania 74589
Peru *21739
Philippines 2752 82887
policies and programs 3149
30843 31276 50040 *49721
Germany *49721
Gt Brit 40944
Latin America *14283
Mexico *60548
prices 3145 14307 91526
Finland *22037
Germany *22047
Gt Brit 66706
regulation and inspection
3128 3129 22024 31257
Arizona 83158
Connecticut 50025
Indiana 3131 83165
Massachusetts 31262
Missouri 31261 40927
New Hampshire 31263
New Mexico 58567
Oregon 26273
Rhode Island 14293
South Carolina 31255
Venezuela *83155
Vermont 50029
research 14015 31279
49775 58232 58564 *49685
*74571
Germany *74632
Sweden *13950 *49556
U S S R *3118
situation and outlook 3134
3137 3145 3152 14296
22035 22038 22044 22048
22049 22050 28265 31266
31268 31270 31271 31273
31277 40711 40947 50042
50043 50049--50051 58576
66707 74941 74944 74946
91524 91528 *14280 *31272
Austria *50012
California 50045 50046
Denmark *22040
Germany *3143 *22041
*50038
Gt Brit 14281 14282
22042
Kansas 58578
Spain *58570
South Carolina 31046 49799
Southern States 58243
Spain *49738
statistics 3147 14297
31274 83162 *14289 *83161
*91298
Alabama 40930
Denmark *40939
Germany *14285
New York 91530
Sweden *49556
Texas 22039 50036
Wisconsin 74934
storage *44321 *66685
*74935
Sweden 91213
*13948 *21729 *40918 *58542
*74606 *74667 *91279
tests 82821 *2723 *2849
India 66404

Item

Fertilizers--Cont.
tests--cont.
Italy *31009
Texas 30937
trade 22045
transportation 58582
Tropics 82900 *74545
Union of South Africa 49626
U S S R *1017 *2810
*21508 *31242 *40646 *82817
utilization 52149 *2772
*49573
Virginia 40645 49766
66718
Washington 74660
Western States 91295
Wisconsin 58362 74661
74930
See also Composts; Green manures; Guano; Humus; Manures; names of fertilizers; and under Minerals; Minor elements; Pastures; Waste, and names of plants.
Ferula 57
Ferula assafoetida 2466
Ferula communis *15143
*33502 *33505
Fescue. See Festuca.
Fessler compound 69822
78881
Festival of Britain 50503
80459
Festivals 7951 79987
Argentina *45301 *45630
*80537
Balearic Islands *46654
*55652
Germany *37771 *37799
*37821
India *88794
Ireland 10833
Italy *18275 *88814
New York 8069
Spain *71883
Virginia 78958
Festuca 1346 39534 73570
82082
diseases 72791
feed 76188 76204
fertilizers *49730
Gt Brit 2019
Mississippi 20686
seeds 48511
taxonomy *47300
U S S R *57312
Festuca elatior 65211
*12778
Festuca rubra *57253
Festuceae *146
Feterita. See Sorghum vulgare durra.
Fetlocks *42481
Fetus 50886
cattle 4573 32747 32789
51023 59669
dogs *76565
goats *68235
guinea pig 15169 15709
horses 15666 59669
*23667
parasites *59341
rabbits 68175 *24103
*51765
sheep 15169 42953 93154
swine *60479
Feudalism 9857 38225
Feulgen tests *667 *688
FFA. See Future Farmers of America.
Fiber plants
Africa *12696 *20616
Argentina *12709
British Honduras 49344
Denmark *1482
Ecuador *39408
Guatemala *39410 *57153

*Text of this reference is not in English.

Fiber plants--Cont. — Item
India 87262
U S S R *8553
See also names of fiber plants.
Fiberboard 3765 41478 41596 50604 59102 67193 75667 83656 *14980 *32138 *75674 *92130 *92135
Chile *67191
grading and standardization 41597
industry *67195 *92131
Germany *41602 *59103
manufacture 3775 22696 59054 67200 75672 83660 *22710 *32142 *50603 *67224 *67201 *83659 *92134 *92139
Germany *59110 *75675
Washington 22716
Pacific Northwest 41598
preservation 14798
properties 3771 14967 14968 50526 83657 *50599 *59129 *83654
situation and outlook 50518
statistics 50565
Sweden *59101
trade *75554
utilization 59041 67192 75551 *59042
See also under Containers.
Fiberglas 5919
Fibers 54137 87264 *26361 *45155 *70463 *87277 *89951
analysis and composition 62331 70350 70490 87197 *36004 *54122 *70361 *79318 *94939 *94952
equipment 70432
animal 70401 *70379
bibliographies *8594
carding and combing 8577 87254 *36066 *36074 *70483 *70495 *79324
chemistry 45170 *8429 *87282 *94935
competitive aspects 54088
conferences and congresses 62404
consumption 54100
deterioration *8595 *18101 *18174 *87282 *87283
Haiti *36011
hydrogen-ion concentration *8456
Mexico 36011
microorganisms 62356 *18174
moisture 62442 *70392
Philippines 35953 87191
processing 62328 62374 79249 87198 87215 87217 94947 94962 95001 95012 *8542 *8545 *18130 *26404 *35976 *45206 *62398 *70444 *70482 *87255 *87304 *95003
equipment *35963
properties 8426 18133 22638 26362 26407 26409 32170 36007 45188 62395 62442 70374 79269 79301 87169 87211 87247 94927 *8437 *8454 *8461 *26359 *45244 *54166 *70379 *81913
quality 26416 45194
research 35958 36063 54104 62374 70390 *18101 *26400 *70397 *70494 *95015
retting *87276
situation and outlook 8476 8603 18166 45186 87199 94928 *35974
Australia 62352
Gt Brit 79316
spontaneous combustion *26410

Fibers--Cont. — Item
statistics 18159 35982
synthetic 8451 8467 8497 8508 8603 18136 26336 26385 35942 45165 45170 45186 45198 54088 54114 62336 62396 62426 62427 62448 70389 70400 79267 87176 87211 87227 87257 87264 94979 95016 *8441 *8470 *8496 *8584 *8592 *8594 *18079 *18086 *26391 *26411 *36062 *45155 *45244 *54086 *62403 *70349 *70383 *70388 *70456 *79241 *87203 *87224 *94938
analysis and composition *8500 *54110 *94939
France *62420
Italy *18072
manufacture *8523 *36016
marketing *70411
properties 54165 62356 70443 94949 *8442 *26359 *54166 *70372 *70477
situation and outlook 54115 62335 *79244
Southern States 87270
tests 45226 *70399
utilization 18171 54165
tests 26416 62395 79230 87209 95016 *8602 *35945 *36058 *36059 *70399
Texas 87285
textile 8497 18175 35952 35958 36041 45162 70408 *8454 *8461 *8535 *26404 *26410 *35946 *35974 *35976 *70417 *70444 *87304
Argentina *70418
Brazil *36040
Italy *8438
U S S R *70346
utilization 79283 94949 94983 *8553 *70417
vegetable 8426 54107 62427 *45206 *62398 *65236 *79318 *89807
weight and measurement 26362 62446 *8503
See also names of fibers; and under specific subjects.
Fibranne *8460
Fibrinogen 23337 *33502
Fibroin 45235 62389
Fibroma 4920 *67607
Fibrosarcoma 42368
Fibrous Agricultural Residues Conference 87196
Ficalbia minima 6557
Ficoidaceae. See Aizoaceae.
Ficus *39117
Ficus foveolata nipponica *150
Ficus menabeensis *56233
Ficus palmata 65377
Ficus religiosa 56682
Ficus salicifolius *52613
Field choppers *86297
Field crops 20491 20507 29507 *40512
acreage and area 7683
Denmark *35407
Germany *25763 *45933
Sweden *7675
Switzerland *44625
Africa *43964
Alaska 58269
anatomy and physiology *708 *1017 *31316 *56896 *81753
associations 81820
Australia 1109 1111 20506 73381
Austria *48229
Belgium *44387
Brazil *89787
breeding 29508 39267 39289 73356 *57032

Field crops--Cont. — Item
breeding--cont.
Australia 768
Canada 73373
Germany *39269 *81787
Netherlands *73351
Norway *48205
Sweden *39265
U S S R *57003
Canada 90198
China 81790
Columbia Basin 48242
costs and returns 37590 46483
culture 21449 29652 39270 48203 48216 91269 *29510 *73360
Denmark *1130 *1133 *35407 *48249 *64920 *66520 *90193
Germany *1094 *20500 *29518 *39278 *40767 *48217 *48342 *73367 *73376 *90195
Russian Zone *90192
Gt Brit 1099 20485
India 1126
Netherlands *46442
Norway *39301 *48205 *57005
Sweden *20477 *40648 *48214 *64933 *73349 *73384 *74921 *90184 *90212 *90217
U S S R *1105 *1129 *20495 *20503 *29502 *29506 *39286 *39293 *48241 *57035 *64919 *90191 *90203
Denmark *1113 *39268 *44624
diseases 60562 *64348 *91887
equipment 52989
fertilizers 2741 2778 13960 49557 49715 *2791 *14289 *66425 *82914
Austria *49761
Denmark *49763 *49767
Germany *39278 *49636 *66322
India 40599
Montana 30977
Norway *74570
Spain *58301
Sweden *82869
U S S R *2728 *21704 *30947 *40701 *40741 *49593 *49673 *49705 *49722 *49771 *82817 *82911
Finland *20493 *20518
France *20482
genetics 89911 89913
Germany 20513 *20486 *20492 *44642 *86534 *90002
germination 29501 39305 *73366
Gt Brit 57011 73364 73370
harvesting 90317
Sweden *1107 *20477
history *29499
India 1102 12574 12575
injuries 72613
irrigation *14061
U S S R *21854 *21900 *30374 *34776 *49593 *56873 *82911
Italy *29493 *73379
Japan *90206
labor 37590
Philippines 88278
U S S R *9913 *9963 *63318 *63322 *63327 *63338 *63347 *88284 *88287
Mexico *57030
Minnesota 12581
Nebraska 20499
Netherlands *30714 *48218 *73354 *81810
New Jersey 39266

Field crops--Cont. — Item
North Carolina 20501
Norway *1090 *64914
Oregon 94511
pests 43171 85399 *11668 *19936
Switzerland *64348
U S S R 60598 *5969 *24745 *43236 *52730
planting 1085 48248 90213 *57018 *64929
Bolivia *64930
Dominican Republic 64927
Great Plains 64934
Israel *73375
Italy *1134
Peru *64930
U S S R *29513 *39279 *57021 *64947
pollination 29495 *24474
research 39271 57015
Germany *1086 *48200 *73376 *73382
Sweden *1087 *39264
U S S R *1080 *1084
rotation with pasture 848 1306 11730 11732 32672 39571 57036 90205 *29716 *90436
U S S R *1127 *1131 *12577 *20484 *20498 *20510 *20670 *29725
seeds 27082 29508 39057 39289 73378 77289 81784 81802 81820 *1118 *9630 *47450 *48236 *57034 *64941 *73374
acreage and area 54851
Canada 48204 64950 73377
certified 12571 20496 39274 48216 57004 57024 *39296
cooperatives 57027
Denmark *35407 *48249 *57041
Egypt 64917
Germany *1096 *1120 *39284 *45933
Gt Brit 73371
Iowa 39276
Paraguay *64925
Spain *73365
Sweden 81811 *1088
Switzerland *48244
treatment 11722
U S S R *29513 *40701 *48235 *48241
viability 39303 *39304
soils 21693 *2611 *13786 *13895 *21565 *40525 *82879
Finland *2825
Philippines 82775
U S S R *57911
Uruguay *13911
Southern States 64915
spraying and dusting 64320 77295 77643
statistics 35431 53599 61894
South Carolina 94617
Sweden *12566 *35435
Texas 17692
Union of South Africa 10264
U S S R *91890
varieties 20508 39277 54851 57012 73357 *1083
Canada 57025
Germany *1114 *48224 *54859
Gt Brit 81818
Maryland 29505
Minnesota 48219 48230 57014
Netherlands *29509 *39290 *64926 *64932 *73372
New York 48232

*Text of this reference is not in English.

Item

Field crops--Cont.
varieties--cont.
Ohio 81813
South Dakota 39292
Sweden *73352
Tennessee 39306
Texas 29514
U S S R *1128 *57028
Virginia 57039
Washington 20490
Washington 37493
weed control 30597 49260 74235 91032 *2336
yields 2677 2883 81817 *1092
Netherlands *73351
North Carolina 57007
Sweden *74667 *91359
U S S R *20511 *40618 *47927 *48225 *49753 *58878 *58879 *63330 *64944
See also Rotation of crops; and names of crops.
Fifteen-year Plan *31459
Figs 36138
anatomy and physiology 39033 47917 73126 *47934 *64762 *81601 *90096
California 95052
caprification *12290 *20284
culture 13002 *39776
dried 18215 45448 70638 *18313 *45415 *54351 *62568
Ecuador *13005
Israel *13004 *20890
Italy *95021
pests 34440 *52265
U S S R *60869 *94124
processing *18303 *45444
rootstocks 65377
U S S R *48745
varieties 30381
Fiji Agricultural Station
Sigatoka 92377
Fiji Dept of Agriculture 55963 60403
Fiji Dept of Forestry 14374
Fiji Registrar of Co-operative Societies 55759
Fijiastes n g 68685
Filariasis 75930
dogs 23500 42371 51407 59841 59857 84553
Fiji 68796
horses *92850 *92853
insects 85821
transmission 24901
See also Neurofilariosis.
Filariomyces n g 81118
Filaroides osleri 23500
Filatov *59970
Filatow W *28318
Filberts 71635 79356 87340
harvesting 53067
Netherlands *1862
nutritive value 55936 *89050
Oregon 54301 95862
pests 52773
Spain *45297
vitamins *96151
Filberts (Tree). See Corylus.
Filbertworm. See Melissopus latiferreanus.
Filipedium 159
Films 25585 37878 46735 88830 96011 *10644 *25571 *37804 *55675
See also Audio-visual aids; Motion pictures; Television; Visual aids.
Filter-press cake 14255
Filters *25434 *44188 *53179 *61539 *86376 *94758
Fimbristylis atollensis 56236
Finaloniscus *16478 *77600
Finance 9776 27253 27881 46086 55035 *9739 *9790

Item

Finance--Cont.
Austria *63356
Georgia 64015
Gt Brit 63467
India 18865 18866
Japan *9778 *9781 *9789 *88172
Puerto Rico 37084
Spain *9779
See also Banks and banking; Budgets; Credit; Investments; and under Farms and farming, management; Government.
Finland Valtion Siementarkastuslaitos *79904
Finland Valtion Teknillinen Tutkimuslaitos *75706
Finlands Flottareförening *67029
Finns in Brazil *71785
Finns in Canada 63599
Fire blight 81317
apples 72722 81320 81321
pears 28982 28983 47615 81320 81321 89692
raspberries 539 38788
Fire insurance 9870 88205 88221 88222
Canada *37138
France *37152
Germany *9863 *22389
Japan *88238
Norway *71269
Fires 94219
control 3626 17196 25167 86122 94219 *17191
equipment 69070 *17200
Illinois 25162
Montana 14656
Texas 6926 94227
effects on plants 38871 89802
prevention 3559 6928 6933 6939 6951 25155 34728 52918 78306 *61664 *66984 *86381
Denmark *6935
Iowa 78325 86121
New Zealand 91886
Sweden *25164 *43939
See also Forest fires; and subhead fire prevention under Future Farmers of America.
Fischer C E C 47038
Fischer F *22310
Fischer method 53406
Fish 66256
and insects *43226
canning 54958--54960 95576 *71189 *88134
cookery 11056 46954 54950 63883 89004
Cuba *72118
culture 11150 11211
feed 8409 32966 59191 60078 67277 67278 67861 67990 75747 75780 76594 84576 92780 *3945 *32349 *32970 *42410 *42600 *70299 *76593 *84580 *92782
Finland *67001 *67004
flavor and odor 54950
freezing 9729 9730 18827 37023 63187 71182 *9734 *37016 *37018 *37020 *37036 *63195
frozen 27219 46052 46059
insect food 24343 33828 *24824
Italy *55946
Java 1191
nutritive value *55946 *89061
Poland *32431
preservation 27226 37011 37033

Item

Fish--Cont.
processing 9724 9735 18828 18829 28218 37031 46050 54952 54970 71186 79999 95582 *18839 *37014 *37019 *37021 *37025 *54954 *63194 *71197 *80006 *80012 *88131 *88132
Australia 26873
Cambodia *71192 *95578
Italy *9723
Peru 46053
U S S R *37013 *37022 *37027 *37029 *54943 *54945 *54946 *54957 *54962 *54967 *54971 *54974--54976 *71187 *71188 *71190 *71191
proteins 59191 60078 67277 67278
purchasing 45656
storage 9729 9730 27229 46050 63187 *63195
U S S R *54967
waste
feed *50735 *51589 *67554 *77095
Fish meal
analysis and composition *41733
feed 5209 15086 15767 23793 23853 33224 35886 35887 35888 42580 70312 70317 92945 *5376 *8388 *33678 *33679 *41737 *50763 *79223
toxicity *42172 *68085
Fish oil
feed 23973 70303
Fish-poison plants 2404 *2387 *2406 *64219
Fish solubles
feed 15086 23823 60076 60092 67994 68322 77097 85197 *3851 *5783 *41737
proteins *41733
Fishponds. See Farm fishponds.
Fissicrania n g *6736
Fissidens 72444
Fissidens milobakeri 11538
Fissidens pauperculus 11537
Fistula 33749 76541
Fits 4860 *42415
See also Canine hysteria.
Fitton E 19642
Fitton S M 19642
Fitzgerald R D 80781
Five-Acre Cotton Contest 48350
5-V Clubs
Venezuela *55782
Five-year plan
Argentina *44770
Czechoslovakia *41301
Germany
Russian Zone *10130 *28358 *58437 *70336 *71408 *91635
India 63431 63784 71488 71528 71963 96046 96065
Romania *10058
U S S R 71412 *27458 *35990 *37363 *37427 *54579 *59900 *62456
Fixation abscess *5073
Flacourtiaceae *81027
Flagellates *94160 *94162
Flagellopetalum 17145
Flamboyanttree. See Delonix regia.
Flame tests. See Photometry, flame.
Flame throwers 14650 *57958
Flameproofing. See subhead fireproofing under Textiles.
Flannagan-Hope Act. See Research and Marketing Act.

Item

Flask culture. See Soilless culture.
Flatachilus n g 52628
Flatsedge nutgrass 57926
Flavins *92407
Flavobacterium 7984
Flavonoids 39229 48158
Flavorings 7848 8226 17764 25709 25845 35526 61866 62914 70928 *35496 *44413 *53573
analysis and composition 69861 69871
industry 61950 69813
See also under specific subjects.
Flax
analysis and composition 18075 *8432 *18115 *70368
anatomy and physiology 903 1020 29210 39011 39084 47914 *20241 *29121 *64766 *89974 *90008
bibliographies *29661
chemistry 18177
costs and returns
Germany *46493
Gt Brit 37624
culture 54714 57159 *82100
Australia 90450
Austria *65061
Canada 81917 *81918
Chile *1299
Denmark *1297 *29827 *65054 *73654
Europe *73492
France *12703 *48372
mountain areas 48365
Netherlands *20617 *29828 *73485 *81907 *81908
Spain *81916
Sweden *1289 *29648 *90185 *90290
Texas 65062
U S S R *48375 *57176
diseases 501 47515 72584 *873 *11690 *39074 *64435 *72597
Argentina *65055
Denmark *72670
Germany *89609
Minnesota 297
New Zealand 11777
North Dakota 56499
resistance 400 11788 11922 28894
Sweden *447
equipment *25294 *44125
Europe *90302
fertilizers
Denmark *49762
France *74575 *74576
fibers 18078 *35935 *45204 *79315
France *1301
genetics 29647 *20241 *38986 *73486
germination 39418 65049
grading and standardization 54067
Gt Brit 26949 79288
harvesting *20618 *69227
equipment *7116 *17336 *17346 *94313
U S S R *34890 *34909
industry
Australia 70416
France *62340
Sweden *18081
U S S R *36050 *70471
injuries *311
labor
U S S R *27404 *95682
marketing *8510
moisture *54134
Netherlands *26435 *79291

*Text of this reference is not in English.

Flax--Cont. Item
New Zealand 18075
oil plant 39590 90450
*29828 *39587 *39588 *48592
*49762 *82100 *87884
pests 34252 *2347 *6923
*65055
planting *12708 *78432
policies and programs *35935
*94936
processing 87279 94917
*8516 *8558 *36027 *70423
Denmark *79259
equipment *36091 *78432
Northern Ireland 70492
Sweden 74265
properties *8524 *70368
*87226
research 79247 *48356
retting 38533 *8432 *20618
*45169 *54148
U S S R *54160 *87168
*87184 *87193 *87228 *87240
*87241
seeds 29210 *87884
Australia 65238
Canada 45800
chemistry 79811
cleaning *9626
Gt Brit 26949 46490
harvesting 25325
North Central States 39585
processing 62904
situation and outlook 54714
*18610
statistics 54754
Sweden *447
treatment *47501 *47554
U S S R *20624
situation and outlook 36742
Argentina 62399
Austria *26321 *45184
Belgium *87253 *94975
U S S R *49827
South America *90448
Spain *10442
spinning 54147 70449
*35944 *36057
U S S R *35967
*36039 *36054
spraying and dusting *40312
statistics 70493
straw *18139
tests *54134
trade
Uruguay *55818
U S S R *1490 *57163 *73651
utilization *54089 *79315
varieties 48353 73652
73653 79808
Argentina *65055
Denmark *65050
France *73474
Gt Brit 70492
India 48582
Netherlands *90297
North Dakota 1288 12672
waste *36057
utilization *26364 *35944
weed control 40275 65926
74265 *2326 *2347 *2355
*2356 *2378 *13574 *40312
*65945 *65953 *65954 *66022
*91021
Flea beetles 60844 77790
*68441 *68631 *93767
U S S R *34289 *60869
Fleas 6915 86082 *6920
*61303
and disease 23001 25121
52887
bibliographies *61319
birds 17157 94207 61291
Canada 17157 52888
control 25140
goats 17159
hosts *34711
Japan 43917

Fleas--Cont. Item
larvae 25123 69030
livestock 68461
migration *61306
New Mexico 6924
nomenclature 43916 78288
94190
Peru 43935
poultry *61292
rodents 25121 78270
*61306
U S S R *61293 *61302 *61304
*61317
Utah 86096
Venezuela 43933
Wyoming 17184
Flebotominae 52541 *68763
Flebotomus 43582
Africa *43539 *60956 *85761
and disease *24862 *85721
*93888
Indochina *93889
Panama 16683
parasites *43926
rearing and breeding *93878
Venezuela *52537
Western Hemisphere *16671
Flebotomus argentipes 43495
Flebotomus caucasicus *6569
Flebotomus chinensis *60976
Flebotomus gomezi *93878
Flebotomus minutus *60972
Flebotomus panamensis *93878
Flebotomus papatasii *6569
*34374 *43559
Flebotomus perniciosus *16726
Flebotomus perniciosus legeri
*93883
Flebotomus sergenti *6569
*60976
Flebotomus (Shannonomyine)
16683
Fleischmann G F W *56023
Fleischmann test *76478
Flies *16735 *77814
anatomy and physiology 34306
68756 93890 *43559
and disease 34378 60964
68721 85709 85733 93842
93876 *6526 *6532 *16690
*24868 *60978 *60983
as pests 53142 77879
*77892 *93827
bites 85742 *93861
breeding places 77900 93873
Canada 34384
collecting and preserving
60928 77908
control 5956 6552 16720
16754 24846 34337 34358
34385 43183 52522 52571
52574 60924 60937 60967
68733 68739 68754 68775
68782 77836 77839 77882
85746 85775 85776 85791
93844 *6550 *34344 *42526
*60901 *77819 *85727 *85763
ecology *60940
eggs *63761
food and host plants 34363
52566 93887
genetics 68785
Guam 68723
habits and behavior 52540
68723 77915 *60940
identification 34409 68758
insecticide resistance 6549
68754 68786 93832 *93825
Japan 60935 85748 *52535
livestock 6516 23001 24818
68461 78518 93434 *16708
migration *93900
parasites *60764
Floods 9769 9770 40790
40792 61333 71306 74781
74808 *14643
Australia 74889
Austria *66971
Brazil 82956
California 19907

Floods--Cont. Item
control 2698 2951 2963
3527 14046 14089 14105
31140 31145 31196 49999
58462 58410 58481 66494
66555 66593 74698 74802
74809 74812 74813 74820
83451 91414 *2925 *3492
*58840 *82945
Alps 83006
Austria *14050 *66574
*74782 *91888
Brazil *14676
California 14673
costs 2988 37611
France *82959
Germany *31800 *75679
*91464
Gt Brit *91395
India 82961
Italy 31165 83454
*31072 *31102 *31139 *49867
*66495 *71206 *91383
Kansas 31127
legislation 31228 74810
Mississippi 14073 49936
Missouri Basin 49850
49878 49941 66486 91411
Nebraska 30883
New Mexico 58492
Ohio 31213
Oregon 2949
Pakistan 91381
Texas 3015
Utah 49917 82962
Wisconsin 83080
effects on plants *28955
*57439
effects on soils *31137
*66540
Germany *64347
Hawaii 91445
India 58526 64240 66560
Indiana 14072
Italy 40795 *1625 *3010
*3011 *21891 *21895 *30876
*31075 *31076 *31109
*31131—31133 *31141 *37118
*41270 *49854 *49943 *49948
*55286 *55515 *58482 *66499
*66546 *66548 *74727 *82980
*95910
Kansas 14126 21910 35308
61786 74533 74796 91448
Midwestern States 19067
Missouri 66267 76493
91448
Nebraska 21909
Netherlands *12052 *14111
Ohio 21878
Pennsylvania 91446
Red River 91447
Sumatra 83013
Texas 83005
U S S R *1006 *2964 *58841
Yosemite Valley 49873
Floor coverings 47071
Floors 17461 41471 59012
*7273 *14971 *75537
concrete 78578 78590
materials 44308
wood 22601 32034 32181
50501 59009 75710 83677
92043 *14991 *22606 *75536
*92039 *92049 *92050 *92051
*92053
Flora
Africa *114 *11452 *38336
*47209 *56200 *64219 *64604
*80929
Alaska 172 179 28488
38449 64169 72394
Alpine Region *28511 *81050
Amazon Region *28590
Anatolia 80954
Angola *80957
Arctic Regions 94 56176
56188 *28428 *28490 *28499
Argentina *19797 *80930
*80951 *81029

Flora--Cont. Item
Arizona 19822
Asia 89338
Australia 19794 38403
38492 72330
Balearic Islands *72368
Bechuanaland 89334
Belgian Congo *122 *89313
Belgium *145 *56187
Bhutan 72431
Bolivia *84
Brazil *2631 *19798 *28489
*56228
California 11437 28501
80979 81017 89356
Cameroun *72403
Canada 19799 38423 64169
89260 *38454 *64213 *72340
*80927 *80995
Northwest Territories
19795
Nova Scotia 11462
Quebec *28487
Yukon 72394
Canary Islands *28479
China 56218
Colombia 11464 *116
*72372 *72420
Comoro Islands *47303
Cuba *28486 *72333
Denmark 47140 *28493
desert regions 19814 *14
Ecuador 101
Ethiopia *115
Europe *153
Fiji 56245
Finland 28498 *47207 *72349
Formosa 38456 80996
France *158 *11428 *28478
*28481 *28491 *47204 *72380
*89266 *89325
French Equatorial Africa *85
*11450
French West Africa *19848
Germany *88 *38402
*72336 *89280
Gilbert Islands *89257
Gold Coast 56182
Gt Brit 11432 19796 28484
28504 38407 38408 64204
64242 72337 72347 72352
Scotland 38432 89272
Wales 72351
Guatemala 56186
Hebrides 11474 80920
Hungary 19800
Idaho 72338
Illinois 106 89273
India 38479
Indiana 11424 11486 11499
28482
Iowa 56178 56179
Iran *97 *47277
Ireland 56232 89256
Israel 29353
Italy *83 *86 *47228
*89785
Japan 11491 47238 80928
*183 *28509 *47269 *80967
*91013
Korea 89269
Liberia 56182 89278
Madagascar 38446 89261
*133 *47303 *64163
Malaysia 47232 81004
81033
Marshall Islands 19793
Mexico 91
Minnesota 72344
Morocco *99 *9419
Netherlands *130 *11423
*11425 *47208 *56147 *72342
*89264
New Caledonia *64189 *80917
New Jersey 11465 28570
New Zealand 11429 72425
80916
North Africa *64162
North Borneo 89263

*Text of this reference is not in English.

Item

Flora--Cont.
North Carolina 80915 80926
Northwestern States 19817
Norway 72343 80923 *47210 *47264 *56177
Ohio 11417 72408
Oklahoma 28534 28556 64241
Oregon 107
Pacific States 89274
Pennsylvania 80919 80921 80968
Peru 11480
Phoenix Islands 72348
Poland *28494
Portugal *28502 *28606 *72381 *72424 *80964
Portuguese Guinea *72428
Ruanda Urundi *122 *89313
ruderal *158
Samoa 56245
Scandinavia *125 *19766
Senegal *28492
South America 11455
Southeastern States 28501
Southern Rhodesia 155 *11427
Southwestern States 28587
Spain *89268 *89279
Spanish Morocco *89336
Sweden 72293 *11431 *11467 *38406 *38440 *56181 *56185 81010 *89262 *89270 *89355
Switzerland *72334 *72335
Tennessee 47282 47283
Texas 19832
Trinidad *56183
Tunisia *89347
U S S R *28424 *28425 *28460 *28469 *28483 *28503 *28557 *38404 *38410 *38473 *56180 *89265
Uruguay *89258
Venezuela 64227
Virginia 11426
Washington 93
West Indies 89259 *89271
Wisconsin 80939
Yugoslavia *80924 *80925
Flora Danica 47140
Florida Agricultural Experiment Station
Everglades Experiment Station 11919 76070
Laboratory of Animal Nutrition 22817
Range Cattle Experiment Station 15356 32636
reports 72237
Florida Bankers Association 31437
Florida Citrus Commission 54261 62535 70574 79411
Florida Citrus Exchange 62519 79395
Florida Citrus Mutual 62529 70570 79406
Florida Forest Serv 50121
Florida Honey Cooperative 18486
Florida National Egg-Laying Test 51684
Florida Poultry and Egg Council 79860
Florida University 7875 27976
Dept of Dairy Science 62018
Floss-silktree. See Chorisia speciosa.
Flotal *49480
Flotation method. See Fulleborn's method.
Flour 52135 70723 79148 *26673 *87621
analysis and composition 9040 9072 9073 9142 26688 45305 45562 54477 54483 54501 87662 *8949 *9034 *9119 *9121 *18401

Item

Flour--Cont.
analysis and composition --cont.
*18421 *26637 *26655 *36369 *45487 *45574 *45593 *62677 *62695-*62697 *70706 *79604 *79619 *87564 *87566 *95180
equipment *45573 *54424
baking quality 9010 18398 87576 87604 95167 *8949 *9125 *26728 *36399 *45531 *62666 *62706 *79573 *87647
bleaching *87678 *89046
care and handling 62722 62748 *62666
equipment 9108 9137 26753 36413 36448
chemistry 70702 87675 *9056 *36440 *54420 *62678 *95191
color 54477 54483
consumption
Germany *8976
contamination 18361 *36419 *87687
enzymes 70754
extraction 9002 47007 54518 *18382 *18454 *26728 *26738 *70759
fortified 18361 45532 72113 89070 *28236 *46993 *47003 *55940 *55947 *63942 *63952 *89046 *89063
Germany *38144 *55942
grading and standardization 45516 54459 54483 *8933 *36415 *45594 *87620
Great Britain 8947
industry
Spain *26723
marketing
Germany *79565
moisture *8981 *8985
molds 45305 62673
nutritive value 47007 *18454 *38134
packing 62722 *36390
pests 5995 52090 52135 *5967 *6358 *34189 *85590 *93449
prices
Germany *26732 *79565
processing 36371 62698 79587 87537 87595 89625 *9056 *54487 *54523 *62746 *70693 *70755 *87647 *95191
proteins 87675
quality 26638 36425 45493 *45573 *45576 *45588 *45592
France *45502
Germany *26698 *70733
regulation and inspection 45581 79625
Greece *79626
research 79625
storage 45518 54465 62673 62722
tests 26734 45493 54484 54526 87537 *54426 *54520 *62665
equipment *54520
trade 46910 46920 46942 55832 63830 72026 72027 72034 *55829
Brazil 10947
Canada 55816 80601
Indonesia 80601
Latin America 46942
Malaya 55816
Singapore 55816
transportation 9118 62748 *87589
types *79615
vitamins *19582 *45566 *63934
whole grain 26647 54447 *8941 *26702 *55934 *62700
Flower pots 21025 *13301 *13377 *29914 *39689 *73725

Item

Flowers 12253 13668 28416 40005
arrangement 1914 1915
1992 2091 2108 13188 13392 13397 13418 13419 21120 21222 21225 30309 40109 48970 57703 57791 73970 82448 90872 *2128 *21126 *21139 *21140 *43941 *90710
color and fragrance 741 1884 1959 2057 2108 6103 11401 13145 13180 39928 39988 40003 40030 40104 48992 49014 49045 49062 49120 57654 57728 64757 65567 65585 65595 65774 73985 74035 74039 74082 74090 82319 82403 90724 90769 90839 *2084 *65694 *65798 *73345 *80971 *81731 *91103
cooperatives
Belgium *18277
cut 869 54966 65611 90813 *49047 *90900
Belgium *82391
New York 71185
preservation 57707 65720 65771
storage 46056 *9737
directories
Canada 48668
Germany *21189 *30348 *64152
in art 56146 *21187 *65780
industry 12281 21193 49086 95581 *2084
Denmark *29878
Florida 37034
Gt Brit 9731 21017
Hawaii 80008-80010
Italy *18834 *79997 *80003 *88135
Japan *73912 *74003
Netherlands 40063 *54969
New York 88137
Japan *30263
Korea 21179
marketing 95585
National
Canada 16
Honduras *82414
Venezuela *64120
packing 9732 88136
prices
Netherlands *18837 *18840
shows 1573 2065 13280 13284 13356 21123 39967 40026 40054 40141 48949 48962 49021 49055 65493 65611 65619 65783 65787 74020 82308 82341 *13304 *65673
Austria *1611
Belgium *73949
Canada 1913 2132
Denmark *2037 *2096 *13207
Germany *1936 *2093 *82295
Gt Brit 65523
Southern States 65717
State 19743
Colorado 21087
New Mexico 21205
trade
Belgium *96081
Italy *18834 *80003
transportation 27224 54951 71193 81225 88136
by aircraft 26509 54256 54964 80009 87320
by water 18830
varieties 39691 39968 65732
See also under Photography.
Fluffium 66139
Flumes 49860
Fluorescence 12492 53993 81566 *72964 *73189

Item

Fluorescence analysis 36874 *61718
cherries 26483
eggs 36827 *5432
flour *62677
food 35232 *17570 *86542
fruit 36155 *26477
insects *25095
milk 44835
oils and fats 18663
plants 29005
seeds *88022
Fluorescent light 7307 21026 35114 61562 64806 *25557 *69484 *72322
effects on plants 73228
Fluorescent substances 26534 *29431 *89558
Fluorides 9336 68524 82711 *86771
Fluorimetric tests 64908
Fluorine 42129 *22996 *54028 *89034
effects on livestock *42201 *51158
effects on plants 987 20396 39037
in malt 79630
in water 42201
insecticides 52174 *6046
toxicity 42215 67707 68182 75908
Fluorine compounds 24461 *43263
Fluoroacetates 41848
Fluorosis. See Fluorine, toxicity.
Fluosilicate *58971
Fluralsil *22564
Foals 76666
abnormalities 23656
anatomy and physiology 51478 *51475 *51486 *84675
care 42503 51466 59937 67945 *33086
Germany *23625
U S S R *84616
diseases 33045 51489 59940 59946 84673 *5024 *15413 *33056 *42472 *59947 *76663 *84684
Australia 51491
feeding and nutrition 51466 84642 *76629 *84641
growth *51486 *76619
injuries *42461
mortality 92843
weaning 5016
weight and measurement *59909
Fodder Conservation and Supplementary Forage Competitions [Australia] 22812
Foeniculum vulgare 34363 *74391
Foersterella 34508
Folacin 32242
Foliar diagnosis 12282 21750 29193 29432 29435 49659 49666 49752 49797 52343 56830 58252 58347 66284 66341 66430 73104 74567 74603 74654 82860 82918 91302 *2805 *29364 *30780 *49640 *56878 *58235 *58330 *66295 *66440 *74550 *74616 *81669 *82826 *82905
Folic acid
in animal nutrition 67269 75815 *59994
in blood 50883
in eggs 79878
in feed 5227
in food 53425
in human nutrition 80660
in poultry nutrition 15855 15856 23858 51635 92945
in sheep nutrition 42922
Folklore 10649 27901 71876 *31354 *37818 *95998

*Text of this reference is not in English.

Item

Fomes 56285 56344 72798 *56531
Fomes annosus *64455
Chamaecyparis thyoides 89674
Coniferae 11893
Pinus *38705
Pinus rigida 89658
Pinus sylvestris *28893
Fomes applanatus 89447
Fomes juniperinus 89181
Fomes pinicola 28891
Fomes roseus 3482
Fomes torulosus *72527
Fonds Forestier National *31386 *31404 *41038 *88443 *91594 *91633
Fontana P Catalogo sistematico delle piante *47228
Fontaria 52366
Food 7482 63882 80650 94498 *17558 *78698 *86525 *94508
adulteration 7536 25659 25661 35233 44417 53484 94564 *35299
Austria *25678
Gt Brit 7539 *69626
advertising 7526 17620
analysis and composition 7460 7467 7471 7474 7476 7542 17572 25617 35220 35232 44422 53406 53410 53412 53417 53421 53425—53427 69550-69552 69574 78740 78772 94515 94517 94521 *7454 *7456 *7477 *17578 *17580 *17583 *19519 *25605 *25611 *25613 *26555 *28237 *35226 *44413 *44425 *44426 *53408 *53413 *53423 *61716 *61719 *61723 *69562 *69566 *78720 *78727 *86553
Colombia *7462
equipment 7599
Far East 53416
Florida 83153
Japan *53419
Mauritius *61725
Peru *35225 *44415 *86542
Scandinavia 25615
bacteria 25607 25612 53422 78780 *17670 *35223
bibliographies *10105 *94518
biochemistry *46959
browning 7532 *78778
canned 25708 38096 44531 *7610
analysis and composition 61722 69542 *7473 *78733
associations 25720
Canada 25729
care and handling 25644 53452 61851
conferences and congresses 7628
containers 17637 35286 35311 *7555
contamination 69615
grading and standardization 35283 44486 86641 94562
labeling 35287 44490
legislation 86641
marketing 44472 53468 61753
nutritive value 80682
packing 25686 44525
prices 35337 44542 44543
purchasing 35271
quality 44502 61796
regulation and inspection 61789 *19471
research 7608 86640
spoilage 7543 25666 35286 44489 *61721
sterilization 17664 17665
storage 69707
Sweden *7558

Item

Food--Cont.
canned--cont.
tests 7470 35231 53418 78725
trade *19471
transportation 25643 25644 53452 69591
Western States 44582
canning and preserving 7600 21300 25712 44489 69696 86636 86637 86639 86652 86667 86670 *78831
Australia 86656
care and handling 35389 35397 69806
chemistry 7463 7475 44418 69710 78723 78785 73836 *17570 *17571 *17573 *17578 *35228 *44823 *53407 *53549 *53565 *78730 *78731 *78735 *78836 *86555 *94520
color 69550
coloring 35387 61858 *7458 *7602 *7603 *44510 *69562 *86669
concentrates 7625 7647
conferences and congresses *38266 *38269 *44392
California 17548
Germany *35203
South America *25584 *35200
consumer preferences 25623 25624 35239 35243 38110 53438 94524 94528 94529
California 55909
consumption 7481 7483 7570 9848 35245 35256 *17587 *61729
Australia 7657 86677
Austria *63871
Canada 62824 94527
Egypt 28161
Europe 7446 80670
Germany *78744 *86559
Gt Brit 53436
Illinois 7479
India 94526
Southern States 78745
Sweden *35433 *86561
Venezuela *17584 *53430
containers 7557 7565 7566 17638—17640 35213 35312 44529 53488 53498 69641 69650 78787 78791 78793 78820 86609 94580 *44530 *53413 *53497 *61809 *69639 *69726
contamination 7457 7531 7534 7537 7542 7545 17634 25663—25665 25670 25675 25677 35284 35298 35300 35306 35308 44494 44495 44508 44516 44520 53475 53479 53480 53483 61783 61791 61794 61798 61801—61803 61808 69552 69610 69613 69618 69619 69625 78776 78779 78782 86601 94521 94566 94568 94577 *17632 *35378 *53874 *86599 *94570 *94579
cooked 25738
costs 9846 63895
dictionaries *69534
directories 78715
Canada 17549
France *44389
Louisiana 25594
distribution 17622 25654 35278 94533
dried 25731 28201 *61843
drying 7644 7646 25731 35386 45302 *94598
enzymes *7458
equipment 44579 78820
exhibits *69523
flavor and odor 7467 7553 7559 35372 53409 53428 61720 69617 78723 78736 78836 86552 *94579

Item

Food--Cont.
fortified 11102 46989 96153 *72136
frozen 7622 17689 69690 78835 86661
accounting 44592
advertising 25633
bacteria 7461
California 69692
conferences and congresses 53556
consumer preferences 35391
consumption 44439
containers 78792
cookery 25738 44569
credit 18871
defrosting 45723
equipment 44565
Europe 7654
France *69708
grading and standardization 7549 44491 44499 44521
Illinois 53543
industry 7594 18871 44587 44613 61855
California 94614
Gt Brit 7653
labeling 44557
marketing 7493 7500 17591 17594 17614 17624 25638 44450 44468 69599 69603 69686 78760 78761 86581 94538 94543 94546 *53447
nutritive value 11120
packing 7568 44528 69638 69640 69644 69649 69663
policies and programs 53570
prices 6954 69689
properties 8677 94522
quality 44513 69689 69723 86675 87433
research 69718
situation and outlook 44588
44599 44607 86663 94595
statistics 44439 45437
storage 35391 44580 69686 69722 69723 86675 94604
transportation 7494 7517 44455 69567 69686 94542
Gt Brit 69588
Washington 25638
fumigation 93380
Germany *95757
grading and standardization 7529 7550 44501 44505 44506 61790 78780 86588 86594 86605
Spain *7533
habits 11097 11100 28160 35708 38120 44411 46981 55908 55910 55914 63929 69529 72126 92712 96147 96148 *11099 *38121
California 46983 55909
children 11098 28207 63930 89042
Colombia *87496
France *38119 *55906 55912 55913 63928
Gt Brit *55912
Haiti 19292 *89045
Italy *55911 *72125 *89041
Maine 89042
Michigan 38118
Netherlands *19562
New Zealand 87758
Rhode Island 80678
Spain *89044
Tunisia *28206
history 7424 19548 69529 86514 *7439
Gt Brit 44394
Maryland 35211
Spain *7433
Union of South Africa 69540
India 10137 19512 72138

Item

Food--Cont.
industry 25603 86519 *7438
accounting *44393
Belgian Congo *69533
California 25587 25588 44396 61847
equipment *78839
Finland 25593 35207
France *44386 *44389
Germany *35345 *44388 *44410 *78712 *94510
Gt Brit 69513 69539 78709
Iowa 17556
Italy *35204
Japan *37336
Portugal *44634
sanitation 7540 7612 35384 44555 53533 53548 61854 69715 86635 *69726 *94611
Southwestern States 7443
Sweden *53384
Switzerland *61710
U S S R *35217
irradiated 35376
keeping quality 35220 53526 *53566
labeling 35285 35289 53495 94556 *53497
legal aspects 35198 86597 86536
legislation 17553 25658 *44488
marketing 7507 17596 17600 25254 25648 35246 35264 35266 35318 35342 44442 44446 44469 53440 61744 69608 78768 86569 86571 86583 94544 94551 *69601
Austria *69585
costs 94548
France *44386
Germany *94534
Gt Brit 78763
legal aspects 35256
Liechtenstein *69585
New York 44470
Spain *86579
Switzerland *69585
Washington 53464
Mexico *19519
microorganisms 7641 25664 25665 86664 *7597
moisture 17566 53406
molds 7452 94576 *53544
Netherlands *19572
nutritive value 11106 11136 25636 28228 28232 28243 46985 47006 53417 55926 55952 63950 72138 96162 *11044 *11074 *19563 *19570 *19572 *28223 *28237 *47005 *71426 *72133 *72144
Florida 38133
Germany *63936
Gt Brit 7421
Mexico *11116
Sweden *11101
Venezuela *53501
packing 7554 7559 7560 7567 17638 17641 17642 25685 25726 35310 35317 35318 35373 44526 53489 53490 53492 61810 69636 69637 69645 69647 69651 78789 78790 86611 86612 94580 94581 94583 *35315 *35316 *35377 *53494 *69643 *69648
Belgium 44527
France *25688
Netherlands 44527
research 7563
Sweden *7558
Peru *86518
pests 77837
control 352 5919 60556 60585 77836 93477 *5943 *6025 *43206

*Text of this reference is not in English.

Item

Food--Cont.
policies and programs 7441
10180 35199 38264 44385
46247 53395 55883 64069
69525 78716 86537 94513
*53391 *94501
Argentina *53389
Australia 61703
Europe 25590
Germany *63359 *94504
*94507
Gt Brit 7431 37278
44394 69524 89021
Guatemala 35201
India 7442 10199
Italy *17543 *17563 *35204
*35218 *53380
Kenya 10235
Mauritius 27521
Oregon 25581
Peru *25586
prices 7570 7571 7573
7574 7578 17645 17662
35320 35332 35333 35348
35354—35356 44391 53502
61817 61826 69577 69669
78802 86565 94548 *25694
*35328 *69531 *72133
Austria *53519 *78803
Canada 78797
control 35342 44538
44545 44546 53507 69654
Germany *7591
Europe 7579 35334
France *35328 *61819
Germany *17659 *35345
*63283
Gt Brit 35327 78801
Israel 25699
Italy *69530
New York 7580 44544
Sweden *11101
Venezuela *53501
processed 25726 *17671
analysis and composition 69567 *44420
color 69567
containers 86613
marketing 53456
nutritive value 28216
69706 *11117
processing 7463 7476
7604 7619 7634 17642
17667 24435 25717 25724
35361 35362 35366 35369
35372 35373 35382 35392
44576 44608 44609 53410
53574 61849 61861 61864
61869 61870 61878 69556
69688 69706 69712 78815
78822 78832 86633 94591
94594 94605 94607 *7597
*7633 *7649 *17670 *17676
*25711 *25728 *25730 *35377
*44586 *44600 *53540 *61843
*69679 *69721 *86638 *94602
as an occupation 78842
Belgian Congo *7631
California 61847
community 78830
conferences and congresses 17684 69699—69701
Canada 44570
France *44575
equipment 7469 7599
7652 25741 35375 35390
35404 44558 53575 61852
69720 78837 78841 86671
*7639 *86651
history *17673
India 17666
Japan *44598
legal aspects 35395
New Jersey 17682
research 7607 25713
61841
Sweden *69713
Southern States 86560
statistical methods 86659
*35394

Item

Food--Cont.
processing--cont.
study and teaching *17683
production 58609 78706
*44398
Asia 86523
Australia 69362 86470
Gt Brit 7432 20514
Ireland 31008
Philippines 83235
proteins 38188
purchasing 7489 19557
35348 56072 61778 86565
quality 7507 25636 44412
44416 44418 44421 44424
44506 44518 55952 69611
78740 86597 94559 94594
rationing 35350 53508
refrigeration 53458 78827
86643 *7640 *7651 *53564
*53566 *61862 *61868 *69711
*78838 *86657 *86665
regulation and inspection
7538 7540 7547 17631
25669 25672 35290
35293—35295 35297 35301
35302 35307 44487 44507
44517 44518 44520 44524
52600 53473 53474 53479
53482 53484 53485 61799
61800 61804—61807 69610
78775 78784 78785 86587
86589 86591 86593 93786
94565 94573 94577 *7544
*17628 *35299 *86592
Austria *25678 *44488
*44500 *69614
Brazil *25682
Canada 25660 35296
Connecticut 78772
Denmark 7541
Germany 44503 53477
*17635 *44510 *53481 *61793
*69622 *94578
Gt Brit 7535 7539 25658
25662 25667 25673 35292
44497 78781 *69626
international 35282 35291
Kansas 61786
Maine 7546
Michigan 94563
New York 86607
Ohio 35288
Switzerland *53478
relief programs 17551
69516 71393 86529
India 27232
requirements 7425 53402
55323 62796 63393 63890
69519 69538 69577 74534
86530 *69521 *86533
Canada 25599
Europe 25591 *78703
Gt Brit 7430 25591 71479
research 7423 7447 7475
17562 19527 35202 35213
35220 38112 44401 44516
53400 61700 61709 69522
78710 78832 86526 86535
94505 *7459 *44406
Austria *44395
Germany *78704
Gt Brit 7427 19536 61705
sanitation 7530 7534 7538
7542 7604 17631 17681
25721 35397 53410 53528
53568 86596 86602 86604
87083 93477 *7592 *35363
*35378
Germany *53481
Gt Brit 7552 17629 25679
Scotland 69629
New York 25684 86607
North Carolina 85402
Puerto Rico 93927
situation and outlook 7415
8356 9990 10570 13947
17544 17551 17557 17559
19003 19004 20210 22774
25254 25595 25603 32208

Item

Food--Cont.
situation and outlook--cont.
35196 35197 35219 35245
38959 40855 44390 44391
44399 44404 46247 47435
53382 53385—53387 53397
61701 61714 66443 69511
69514 69515 69517 69518
69520 69528 71224 71439
72301 78706 78713 80134
80834 82824 86532 94467
94500 94502 94509 96137
*7417 *7419 *7422 *7434
*7445 *25582 *25625 *35205
*35215 *44392 *49992 *53388
*53392 *53393 *61711 *61713
*69531 *69541 *71426 *78708
*83161 *94506
Algeria *55143
Australia 44402 69536
Austria *38081
Belgium *30900
British colonies 61704
78700
Canada 9990
Europe 7446 25602 *35209
*44405 *55828 *78703
France *27476 *37302
*37303 *63376 *95724
Germany *53390 *78702
*86531 *94507
Gt Brit 10319 30880
61707 71379 86524 94514
India 7414 7436 7437
7440 17666 25597 25598
35210 35212 44403 61702
69535 78699 86522 94503
*17546
Israel 25592 35206
Italy 46290 *53380 *69530
Japan *78696
Mongolia 29520
Norway 37300
Siam 27571
South America *53383
Spain *7417
Union of South Africa 19066
U S S R *53398 *69512
spoilage 352 44493 44522
53472 53487 69631 78780
86664 94569 *7450 *35229
statistics 7680 25755 86684
*25744
Australia 7657 86677
Brazil 35432
India 7667
Portugal *44634
sterilization 7629 25725
44590 44596 53559 53560
61872 69617 69695 69707
69710 94597
storage 35369 35373 *7640
*17676 *17690 *69721
Arctic Region 94609
cold 7605 *35228 *35399
pests 33839 60832 77223
93380 *43225
Ireland 77187
Japan 60792
Nigeria 52088 60544
60566
Southwestern States 7443
statistics 53527 69683
study and teaching 25585
35208 35214 35216 46963
*7444
subsidies 10235 46357
63467 80249 88447
synthetic 7615 61806
86589 94615 *7434 *7648
*78707 *83658
taxation *63283
tests 7452 17566 17576
19525 44412 44416 44418
44421 44424 53409 53428
53638 61720 69548 69549
69556 78718 78721 78726
78732 78736—78738 86552
*7450 *35223

Item

Food--Cont.
tests--cont.
equipment 7469 35375
44414
trade 38018 *19499
Australia 18976 44402
Austria *63871
Brazil *88937
Europe 38018 *10998
France *46919
Germany *10998 *96097
Gt Brit 11013 18976
*10999
Indonesia *55820
Sweden *19508 *72071
transportation 5919 53458
69579 94544 *7487 *35315
*78753
by aircraft *44464
by truck 53449 *53454
by water 7525
France *25630
French Equatorial Africa *25630
Gt Brit 7514 7525
Tropics 63353
Turkey 10100
U S S R *80181
vitamins 55918 80684
*11144 *19570 *78731
waste *53432
weight and measurement 35307

See also Baby foods; Cookery; Dog foods; Famine; Food plants; Human nutrition; names of food and food constituents; specific subjects relating to food processing and marketing; and under Armed forces; 4-H Clubs; U S Army.

Food and Agriculture Organization of the United Nations 8967 10166 11290
19004 19066 20534 27796
28420 29569 38264 38267
44385 46796 47096 48328
56081 61878 64066 64069
64070 86041 89145 96227
*11288 *11289 *38266 *38270
*43874 *44392 *46566 *48341
*55333 *55334 *56080 *56082
*71721 *72112 *78708 *78849
*89144 *89146 *89148
Austrian National Committee *38081
Committee on Commodity Problems *96106
conferences and congresses *72220
European Commission on Forestry and Forest Products *41057
Forestry and Forest Products Working Group for Asia and the Pacific 3227
Nutrition Division 19515
policies and programs *72221 *89147
Food Drug and Cosmetic Act 7550 25669 35290 35295
44507 44524 53474 53482
69649 78770 78775 78777
78785 86593 86594 93390
94573 94577
Food Law Institute 17553 35198
Food plants 13668 *11074 *56687 *89254
Latin America 72282
Marshall Islands 21457
Mexico *63933
nutritive value *63933
Sudan *2432
West Africa 30667
wild 21423 66058 74354 *74395
French Equatorial Africa *64177

*Text of this reference is not in English.

Item

Food plants--Cont.
wild--cont.
Germany *2468
Japan *82653
Tropical Africa *01105
See also under Wildlife; and subhead food and host plants under Insects.
Food poisoning 7548 7551 17633 25659 25680 27043 35309 35753 44515 53476 53486 69616 69621 78774 86595 94567 *17626 *25683 *53874 *69620 *70853 *86606 *94561 *94572
Norway *17930
See also Meat poisoning.
Food Stamp Plan 35351
Foot and mouth disease 41775 50894 50927 59264 59265 59272 59331 67380 67399 75856 75857 75871 75953 83824 83917 83941 83961 88245 92264 *15217 *22882 *22988 *32386 *32419 *41823 *41860 *50817 *50820 *50821 *59306 *59332 *59360 *59378 *59406 *67373 *67384 *83838 *83849 *83911 *83927 *83932 *83971 *92263 *92278 *92305 *92307 *92348
Austria *23000 *32369 *50872 *67330
Belgium *83893
California 75840
Canada 41836 50824 50828 50840 50884 59257 59293 59379 59380 59404 67355 67416 83979 *41780 *50864 *67392 *83914
cattle 51236 59738 *51232 *84238
Austria *67676 *84376 *84379
control *32768
Denmark *84425
Germany *4597 *32806 *59719 *84247
Italy *32801
Sweden *84314
Denmark *23290
France *92584
Germany *67690 *67704
Gt Brit 67688
immunization *32783 *51199 *67719
Morocco *23348
Sweden *51172
treatment *15419 *23393 *42214 *84314 *92595
U S S R *42197
virus 76303
Chile *4061
conferences and congresses *41793 *41873 *50831
control 22974 59388 75893 83889 83978 92281 *4034 *4035 *22986 *23037 *32389 *50843 *50888 *59269 *59387 *67347 *67382 *75888 *75923 *83888
Austria *75931
Bolivia *23022
Brazil *4196
Canada 41827 41892 50848 59401 92269
Colombia *15148 *15184 *83948
Denmark 92271
Europe *32331 *41806 *41807 *41834
France *59381
Germany *4040 *15211 *22949 *32334 *41782 *41840 *42246 *50837 *67643
Gt Brit 22937 67349 83863 83977 92359
Italy *41899 *50918 *75926

Item

Foot and mouth disease--Cont.
control--cont.
Latin America *32302
Mexico 50877 83913 *92265
Mozambique *4203
Netherlands *83821
Sweden *41861 *83915 *83976
Switzerland 92359
Uruguay *4053
Venezuela *4111 *15184 *50882
Denmark *27258 *83939
diagnosis 4006
Europe 32307 *32336
France *41797 *41872 *83944
Germany 92297 *15178 *22957 *41844 *41883 *41897 *67376 *92261
Gt Brit 32340 41820 92285
guinea pigs *23705
immunization 83889 83972 *4049 *4154 *15202 *22896 *41808 *41821 *41862 *42214 *50861 *50903 *51264 *59301 *59382 *59387 *83926
Germany *15139
Italy *75890
Mexico *59286
Venezuela *50809 *50862
man *3987 *41893 *50887
Mexico 41854
Peru 83896 *67329
prevention 22378 59401 67417 *22909 *75889
research 75942 *22900 *22901
resistance 59999
sheep 85134
Spain *59365 *92340
Sweden *3969
swine *68328
Switzerland *83848
transmission 83982 *4164
treatment *41810 *50836 *50871 *59284 *75885 *92341
vaccines 75868 83853 83972 92279 *22908 *22917 *41785 *41798 *41813 *41815 *41824 *41851 *41856 *41881 *41911 *42218 *59286 *59323 *83986 *92320
Venezuela *15414 *83857 *83920 *83973
virus 23710 41771 41772 41809 83853 83896 83901 *4131 *4168 *15203 *22919 *22965 *23348 *32319 *41798 *41814 *41821 *41847 *41850 *41852 *41855 *41857 *41896 *41900 *41907 *42214 *50889 *59301 *59333 *59996 *75926 *83649 *83908
Foot rot
cattle 4719 23388 84423 *59691 *84415
peas *72769
sheep 5688 5700 *42964
swine 16085 51968 85246
tomatoes 72647
wheat 64439 *64519
Footwear 20614 89141 96225
Forage plants 83761 84185 90188 *12798 *29711 *48510 *54042 *57279 *81983 *84641 *90362 *92230
acreage and area 55572 *45098
Algeria *81983
analysis and composition 13896 22855 30814 41732 42599 57236 62317 62322 62326 75782 *39523 *40532 *40684 *45104 *49656 *59193
anatomy and physiology 48051 48104 56935 58158 *49656
Argentina 73639 *65227
Australia 964 90419

Item

Forage plants--Cont.
Austria *20651
Azores *1455 *54027
Belgian Congo *1366
Belgium *1355
biochemistry 48187 *90156
Brazil 73639 *3919 *85087
breeding *20595
Canada 1310
Germany *1243
New Zealand 81961
North Africa *29516
Sweden *39498
California 82020
Canada 12790 49491 *29738 *62027
Caribbean Region *12827
chemistry 26303
Colombia *29686 *81969
costs and returns 10353 10384 *88547
culture 29689 29759 *1307 *1449 *12755 *29220 *29690 *29716 *49814 *65073 *65139 *65151 *65184 *82042 *90436
Algeria *48410
Argentina 83727 *65199 *81959 *82046
Australia 90440
Balearic Islands *48394
Chile *14219
Colombia *73586
Denmark *1482
Finland *57304 *65063
Florida 57264
France *48491 *65066 *65172 *81942 *82061
Georgia 29681
Germany *1381 *1393 *1443 *12812 *29715 *39471 *39492 *48534 *51088 *57220 *57250 *57322 *65171 *65197 *65230 *73561 *73599 *73606 *73630 *81974 *81980 *82066 *90335 *90338 *90345 *90382
Russian Zone *48211 *48571 *65194
Gt Brit 12816
Italy *48419 *57263 *65106 *65154 *65218
Japan *39562
Libia *20685
Maine 39517
Morocco *26280
Netherlands *20636 *82028
North Africa *1427
Norway *1456
Spain *12771
Sweden *12840 *20656 *29814 *57179 *65161 *73493 *73642 *90187
Switzerland 57181
U S S R *1376 *29703 *29731 *48424 *48448 *48516 *57251 *57345 *65152 *73502 *90351 *90355 *90357
Czechoslovakia *18039
Denmark *80017
digestibility 50775 59228 75782 83764 83766 85074 *85087
diseases 283 38590 47376 64408 72625 *11683 *11904
Norway *28934
Southeastern States 64404 72620
drought resistant *65153
drying 32268 76156 79220 86291 *15117 *25355 *50791 *67254 *67315 *69265 *84192 *92229 *94911
Denmark *44353 *94354
equipment 7151 53114 *25361 *53105 *53122 *94911
Gt Brit 17382
Netherlands *25356
Sweden *39509

Item

Forage plants--Cont.
fertilizers 2729 13896 30928 40920 *21721 *40684 *91243
Malaya 21708
Netherlands *82740
Norway *2770 *13930
U S S R *21694
Wisconsin 13913
France *78697
Georgia 73496
Germany *1352 *20676 *29739 *33497 *39506 *48470 *48471 *48524 *55416 *57256 *57257 *65130 *65133 *73564 *73565 *73568 *82007 *82008 *82060 *90360
germination *48509
Gt Brit 29251
harvesting 35917 42099 92218 *29690 *57234 *65128 *73537 *73605
equipment 44090 78474 *25317 *34899 *44073 *69222 *78467 *86250 *94314
U S S R *86258
Gt Brit 12758
Italy *57191 *67312 *73645
Japan *39523
Spain *39567
Sweden *1365
U S S R *90339
India 22789 90151
injuries *11685 *65118
Iowa 1095
irrigation *66493 *90386
Israel 26268
Italy *1418 *29737 *48487 *48558
Madeira *73514
Malaya 3951
Mediterranean Region 1480
Montana 65178
Morocco *20657 *26280 *90383
Mozambique *62312
Netherlands *73596
New Zealand 73503
nutritive value 15069 32294 48489 49493 59242 59245 79220 *3868 *32225 *33555 *42090 *50804 *58161 *59193 *92226
pests 17089 43231 60563 93459 *11683
Germany 68759
U S S R *52137
planting 29815 *73649 *90308
Argentina *20531
Germany *57302
U S S R *29720 *48421 *48469 *82021 *82068 *90310
pollination 73632
proteins 30893 32232 47913 59246 75782
Puerto Rico *1353
research *81956
seeds 20537 48399 48433 48452 74850 81977 *21556 *48494
Canada 82023 87552
certified 1224 27093
Denmark *20671
Germany *1382
Gt Brit 12740 57280
harvesting 7141 48543
Italy *48402
Sweden *57179
treatment 73584 90426
U S S R *29822 *86258
soils 13821 40607 *58161 *73642
U S S R *40678 *58327
spraying and dusting 60583
statistics
Germany *8376 *45470
Italy *70337
Switzerland *29684

*Text of this reference is not in English.

Item

Forage plants--Cont.
Tropics *1361
Union of South Africa *39568
U S S R *20691 *20714 *29718 *39502 *39556 *48477 *57283 *57318 *75776 *90356 *90359 *90408
varieties 29679 48460 73504 73550 82004 83764 84195 *39449 *73551
Australia 73562
California 90372
Canada 65225 82024
India 82025
Netherlands 82087
Oklahoma 73546
Pennsylvania 65079
U S S R *82070
West Virginia 57197
weed control 40280 49264 *66031
wild
U S S R *73513
yields 13896 29702 35917 48427 49748 73584
Austria *54051 *58284
Chile *18790
Sweden *39467
Texas 57236 65076 90387
U S S R *48515
See also names of forage plants and under 4-H Clubs.
Forbes scale. See Aspidiotus forbesi.
Forcipomyia 24880 60926 68787 85789
Fordiophyton 56218
Fordyce Lumber Co 3539
Foremost Guernsey Association 67510
Föreningen för Växtförädling av Fruktträd *73816
Forest Farmers Association 14394
Forest fire insurance 3521 83441
Canada
British Columbia 31792
Germany *27320 *31787
Gt Brit 31785
North America 75379
Forest fires 22381 50356 50377 58860 75374 83440 91868 *14665 *58865
Alaska 31791
Argentina *50378
California 3506 14673 22382
Canada 41265 41267 50374 50375
causes 3501 14667 31771 66988 83438 83446 *66984
Canada 31773
Colombia *41266
control 3507 3518 3519 31774 41268 06986 75378 83436 83439 83442 91869 *3520 *14665 *14845
Argentina *66992
Arizona 91884
Canada 3515 41263 66987 83434
equipment 3499 3509 3510 3513 3522 3524 14649 14663 14664 22384 22391 31770 31772 31775 31776 31777 31781 31783 31784 31795 50368 58852 58855 58857 58862 58866 58867 58868 91871 91881
Germany *22383
Gt Brit 58871
Indiana 58869
Indochina 83433
Mexico *83445
Montana 10534 14656
New Mexico 31778

Item

Forest fires--Cont.
control--cont.
New York 50372
Pennsylvania 50369
Southern States 58861
danger 3498 22386 31779
Lake States 91875
Pacific Northwest 58854
detection 31782
aerial 14655
Canada 83435 91873
equipment 3514 14662 41262 41264
effects on soils 91261
effects on trees 3574 83409
Florida 3504
France *14653
Germany *22389 *66990 *66991
Haiti *58853
hazards and risks 3502 3504 *22389
Italy *83444
Japan *50376 *88238
legislation
Brazil *22388
Maine 3517
Mexico 14670
Missouri 22387
New Zealand 83409
North Carolina 50199
Northeastern States 22385
Oregon 14668 50370 58859
Pacific Northwest 3511 14669 58854
Pennsylvania 75373 88443
policies and programs 31780
Pennsylvania 14659
Virginia 31786
prevention 3500 31788 50371 50373 58856 91870 *3520
Australia 83437
Brazil *91876
Canada 31773
Chile *91883
equipment 3515 31794
France *14666 *75372
Mexico *58858
New England 66989 91886
New York 14392
North Carolina 14657
Pennsylvania 58864
South Carolina 31793
Virginia 14652
protection 31789 31790
Kentucky 58863
records 91885
Southeastern States 3505
statistics 22380 75377 83447 83448
Switzerland *22392
Venezuela *50367 *66985
Washington 41269 58870
West Virginia 91882
Wisconsin 3508 3517
See also Aircraft, in forest fire control; Forests, burning.
Forest industries 3176 14495 41291 75233 *3550 *14702 *22438 *41279
Asia 74965
associations
Chile *91912
Austria *14701 *14719 *31839 *67024
Borneo *31479
Canada 14709 41092 75396 83469 91927 *91561
British Columbia 31818 91907
Chile *91548 *91920 *91925
directories 41293
Canada
British Columbia 50401
France 22417
Southern States 83471
Europe *3202 *3541

Item

Forest industries--Cont.
Fiji Islands 75014
finance *31842 *31846
Finland 22437 *31828 *31841 *75392
France *22417 *31846 *31848 *41284
French West Africa *67013
Germany *3549 *22421 *22425 *41280 *91911
history 75407
Canada
Ontario 91915
Indiana 41281
Lake States 66846
Louisiana 41286
mechanization 50400
Minnesota 22188 31488
Mississippi 22186
New Zealand 75397
Norway *14718 *22087 *50413
Philippines 22435
policies and programs 14693 31821 50123 50124 58644 66815
public relations 22418 22419 50235 91908 91918 91919 92108
research 67017
Sweden *75395
Romania *14720
Scandinavia *50397
Southern States 91923
statistics 50414
study and teaching 22137
Austria 75031
Finland 75025
Germany *75034
Surinam *31479
Sweden *67014 *75406 *91648
Switzerland *3545
Tennessee Valley 91924
U S S R *31820
Vermont 50091
Yugoslavia *75537
See also Lumbering; Wood-using industries.
Forest insects *5876 *16613 *33855 *43718 *77808
Canada
Quebec *43157 *68450
control
U S S R *24390
ecology 43119 *33892
U S S R *33793 *33813 *93298
Germany *6478 *43128 *52022
surveys 5946 43241
Canada 77194
See also names of families and genera and subhead pests under Forests.
Forest pathology. See Trees, diseases.
Forest Practice Act (New York) 3258 37708 58656
Forest products 14824 14985 31994 41434 41435 41439 *22082 *31574 *83553
associations 58644 66828
Australia 3629
bibliographies 22090
California 41437
Cameroun *75512
Canada 14814 31329 31991
conferences and congresses
Austria *75513
Vermont 50492
directories 50486 91924
economic aspects 22436 *14695
Europe 3632
Germany *14819 *32000 *41438
history *67104
India 59100 70986
Italy *31346 *41001
Lake States 66850 91663

Item

Forest products--Cont.
marketing
Canada *14697
Illinois 41450
New Hampshire 50449
Vermont 50488
Michigan 58619
Pacific Northwest 22107
prices
Sweden *19469
Switzerland 14721
Yugoslavia *67023
research 3799 31997 50489 61700 *22580 *50490 *91568
Canada 75516 91597
Finland *75517
Gt Brit 14817 31996 58652 58993 75514 75647 *41432
North Carolina 75510
Sweden 83558
Romania *41436
statistics 91663 92024 *41001
Sweden *75406
Texas 19062
trade 83473 *41297 *50412
Austria *67028
Canada 83473
Japan *83481
Sweden *19469
transportation
by railroad 22436
U S S R *41606
utilization 75518 *14821 *67108 *75512 *83557
Sweden *75520
See also names of forest products.
Forest Products Research Laboratory (Gt. Brit.) 14817
Forest rangers *14357
Germany *83257
Norway *3189
U S S R *31416 *38200
Forest Research Institute (Gt Brit) 81169
Forest tent caterpillar. See Malacosoma disstria
Foresters 22077 22124 41010
education and training
Germany *3210 *14360
Russian Zone *91587
Germany *14358
licenses 91644
Norway *14344
Spain *91621
See also Forest rangers.
Forestry 3173 12056 14330 22077 31458 50089 50096 75198 *3184 *3186 *14334 *31652 *41014 *56632 *74977 *75012 *75018 *91549 *91555 *91566
accounting 3348 31570 41151 75105 *3261 *41144 *41148 *41155 *83337
Germany *50153 *75167 75182 *75184 *75194 *91706
Norway *41079 *50213
Alabama 83229
Alaska 37432
Argentina *10222 *14339
as an occupation 3200 14325 41165 *31370 *50105 *83221
Georgia 91644
Germany *66758
Gt Brit 22093
New Zealand 83208
Venezuela *83223
Asia 22090
associations 14394 41062 50099
Austria *22132
Canada 31328 83194
directories 31345
Finland *66819

*Text of this reference is not in English.

Item

Forestry--Cont.
associations--cont.
France *31386 *83200
Germany *22254 *31348 *75000 *75008 *75202 *83202 *83220 *91581
Italy *75002
Japan *50094
Massachusetts 41006
Philippines 41005
Australia 14400 41076 63387 66796 75019 83213 *14341
Queensland 41019 66820
South Australia 3267
Tasmania 31455
Austria *31370 *37387 *41015 *50097 *50104 *88791 *91558
Belgian Congo *31344
bibliographies 22090 50140 *74968 *83191
Brazil *22169
Latin America 83281
Poland *31356
Scandinavia *91569
Bolivia 22100 71504
Brazil *22101 *31324 *41003 *66760 *91615
British Commonwealth 3195 41017
British Guiana 75047
British Honduras 91595
Burma 75049
California 50100
Cameroun *74978
Canada 10053 71533 74997 83219 91927
British Columbia 37270
Nova Scotia 14387
Ontario 75087
Quebec 31410 83198
Saskatchewan 41066
Chile *22106 *91727
conferences and congresses 31331 50110 58632 *41057 *58616
Africa *75004 *83215
Austria *22094 *91563
France *74969
Germany *14346 *66762
India 14335 83210
Norway *3178
U S S R *22148 *91574
Connecticut 58614
cooperatives
Eastern States 66901
Germany *66807
Gt Brit
Wales 50225 66900
Norway *14483
costs and returns 31570
*22241 *31565 *31568 *41147 *58727 *66892
Austria *66888
Germany *41145 *66898
Netherlands *31672 *50207 *75172
Southern States 14496
Sweden *44551
U S S R *58736
Cyprus 14370
Delaware 41043
Denmark 74971 *58615 *74988
documentation 14331
East Africa 14372
economic aspects 14385
22258 31340 31561 40999 50226 74966 83329 *22105 *22236 *22239 *22241 *41021 *41082 *50088 *50216 *50408 *91554 *91557
Austria 74979 *31423 *75013
Canada 83206
Denmark *3192 *31566
Europe 14384 *3202 *31333
Finland *14727 *31832

Item

Forestry--Cont.
economic aspects--cont.
Germany *14507 *31330 *32000 *50095 *91564
Mexico *41008
Michigan 58619
Netherlands *14544 *31473 *50107 *58631 *58727
Norway *3233 *3261 *31553 *41152
Philippines 74985 83211
Poland *74999 *83217 *91582
Spain *75015
Sweden *31468 *31559 *75100
Switzerland *14336 *31436 *41023
U S S R *75001 *75003 *91712
Yugoslavia *75006
Egypt *14345
equipment *3188 *3198 *3357 *3358 *3396 *3410 *14742 *22104 *31372 *66765 *66894 *75281
Austria *66892
France 34857
Germany *66754 *91697
Russian Zone *3561
Netherlands *31366 *66779
Sweden *22246
tests *3343
U S S R *31563
Ethiopia 91576
exhibits 41031 58635 50093 66773 *22133
Fiji Islands 14374 75014
Finland 31369 58624 *58891 *41020 *66774 *74984
Florida 50121
Formosa 46276
France *3231 *14327 *14343 *31338 *31580 *83201 *91560 *91633
French West Africa *22076
Germany 66755 *3252 *14350 *14373 *22121 *22238 *31352 *31445 *40997 *41106 *50081 *58613 *74995 *75009 *75118 *91570
Gold Coast 66805
Gt Brit 14364 50132 55571 58630 66771 75060
Scotland *14333
handbooks *22116
Hawaii 38163
history 3176 *83193
Alps *50090
Brazil *22078 *22091
Denmark 41012
France *22095 *22111 *75050
Germany *14332 *91567
Gt Brit 50079
Japan *41018
Lebanon *50086
Pennsylvania 14352
Sweden *3179 *58611 *66768 *83195
U S S R *31334 *38219
Kazakhstan *31368
Hong Kong 96174
India 14389 40996 41075 83265
Indochina *14337
Indonesia *41103
Iran 66810
Italy *10149 *40992 *66756 *66759 *91556
Jamaica 91601
Japan 31397 37330 40995 *75201
Kenya 66753
legal aspects *3220 *22177
Austria *31463 *58683 *66835 *66830 *66837 *66840
France *58682 *66842
Germany *31476 *83272
Mexico *41084
Switzerland *3254

Item

Forestry--Cont.
legislation 14409 58679 83234 83253 83261
Argentina *31471
Austria *31475
Brazil *3255 *22169
Canada 83274
Nova Scotia 83275
Finland *31470 *41083
France *31464 *91641
Georgia 22172
Germany 75103 *3260 *22176 *31418 *31472 *50148 *50152 *75102
Russian Zone *91638
Gt Brit 3257 14405
India 3259 91636
Italy *75099 *91629 *91637 *91639 *91640 *91645
Netherlands *66843
New York 22173
New Zealand 75097
Norway *3256 *22171 *41081
Philippines 22168 83238
Sweden *3264 *14752 *75100
Switzerland *83276 *91649
Luxemburg *83250
Maine 19299 41055
Malaya 22158
Mexico *14328
Missouri 31425
Morocco *58617 *58678 *75005
mountain areas
Germany *22238
Italy *91637
Netherlands *31496 *91572 *91580
New Hampshire 14386
New Zealand 3183 9762 50131 74986 83203
Nigeria 3235
North Borneo 31432
Norway 18977 31331 31349 *3237 *14344 *66769 *74990 *75162
Nyasaland Protectorate 31433
Ohio 3238 58661 66783
Oregon 3240
Pacific areas 22090
Pacific Northwest 22107 *58623
Pakistan 48199 58610 58620 58633
Pennsylvania 14329 41063 75373
Philippines 14347 41013
Poland *74999
policies and programs 14368 14385 14397 31414 41042 41051 41069 50120 66825 83234 83253 83256 83261 83453 88464 *14381 *31473 *50119
Argentina *3212
Asia 3222
Australia 46419
Austria *63356
Brazil *91591
British Commonwealth 83233
Bulgaria *75058
Canada 31387 31407 46410 55407 63476
British Columbia 31396 58735
Connecticut 83237
Cyprus 83269
El Salvador *66823
Europe 14383 37308 *31447
Finland *75066
Florida 31437
France *66826
Germany *31800 *41044 *41048 *41074 *75076 *75090
Russian Zone *83270 *91627

Item

Forestry--Cont.
policies and programs--cont.
Gt Brit 50128 50129 75072 83268 *14391
Guatemala *41067
India 71201 75091 91618
Italy *14377 *74778 *75081
Japan 3246 *50136 *83254
Kenya 27502
Latin America 75092 75093
Maryland 75075
Mexico *31412 *41061
Michigan 31446
Morocco *14369
Mozambique *58645
New York 10317 58651 66794 75064 83251
New Zealand 75063
Norway 83239 *14380 *22143 *58663 *91600
Ohio 58641
Pennsylvania 3221 41047
Philippines 22160 83238
Poland *66812
Romania *10058
Southern States 41052 41056
Spain 83245 *58701 *91621
Sweden *75071
Trinidad 22151
U S S R *2696 *22142 *22147 *22149 *22152 *22157 *22159 *22167 *22302 *31388 *31389 *31390 *31398 *31403 *31405 *31417 *31420 *31434 *31435 *31440 *31451 *31459 *31674 *41345 *58649 *58658 *58653 *58668 *75001 *75048 *75079 *75080 *75082 *75096 *91599 *91603 *91628
Crimea *50380
Kharkov Region *31456
Rostov Region *31422
Russian Republic *31461
Ukraine *31453 *75037
Wisconsin 14362 83266
public relations 41011 58622
Finland *31355
Switzerland *41077
Puerto Rico 3250 91632
research 14326 14379 14690 50102 74996 *3184 *3201 *14334 *31343 *50092 *74975 *91553 *91568
Alaska 75089
Australia 3215 3216
Austria *75067
Canada 31408 31443 41002
Colorado 91609 91610
directories 31345
Finland *3224
France 58626
Germany *50106 *58654
Gt Brit 3223 80824 *14391
India 3244 75095 *31419
Japan 3246
Missouri 66816
Morocco *75077
Netherlands *91634
Pacific Northwest 3286
Pennsylvania 58675
Portugal *22109
Southeastern States 14398 22084 31332
Southern States 14399 41030 66815
Sweden *58672
Union of South Africa 22117
USSR *22081 *22097 *31335 *40991 *91607
Yugoslavia *83263
Samoa 74998
Sarawak 75084
Scandinavia 50098

*Text of this reference is not in English.

Item

Forestry--Cont.
Siam *91651
Sierra Leone 31199
social aspects 41004
South Carolina 58670
Southern States 41095
50082 50087 50167 50551
66763 91602
Spain *10197 *14417 *22122
*83214
statistical methods 83356
83357 83358 83363 *74983
*75215 *75229 *83324 *83351
*91662 *91732 *91734
study and teaching 3206
14363 22124 22126 22128
31379 41032 41036 50114
50116 75023 75028 *41027
*75032
Alabama 83226
Australia 3209
Austria *22132 *75026
California 14353 22135
Canada 41026 *3204
Ontario 14359
equipment 75022
France *58639
Germany *3207 *3208
*14357 *22127 *22130 *22136
*31377 *31378 *31380 *58638
*66784 *66790 *75024 *75027
*75035
Russian Zone *66811
*91584 *91585 *91589
Gt Brit 3211 50115
83224
Scotland 75020
Louisiana 22125
Malaya 83222
Middle East 75021
Minnesota 91669
Missouri 31383
New Zealand *91590
North Carolina 75029
Norway *14355 *41024
*50112 *66785 *83225
Southern States 41030
Spain *22122
Sweden *31382 *31384
*50111
Switzerland *75030
U S S R *22131
Venezuela *83223
Yugoslavia *66789 *75036
Sudan 37423
Sweden 31552 *3196 *3264
*31350 *83205 *91575
Switzerland *22103 *58612
Tanganyika 14396 31454
Tennessee 50134
Tennessee Valley 22166
75038
terminology 22299 31341
83197 91552 *22111
Texas 3281
Tobago 31457 58621
Trinidad 31457 50080
58621
Turkey *41007 *55216
Uganda 41071 74972
Union of South Africa 50139
U S S R *31416
Chuvash A S S R *31624
Venezuela 66831 83429
Virginia 75051
West Indies 10071
Western States 50084
Wisconsin 31365
Yugoslavia 75007
See also Foresters; Forests; Logging; Lumbering; Reforestation; Silviculture; and under 4-H Clubs; Future Farmers of America; Photography; Radio; Youth.
Forestry Act 3257 41078
66841

Item

Forests 12436 30306 31323
31359 31458 *3191 *14322
*14439
acreage and area 14443
*22082
California 50158 50159
Italy *91666
administration 31414 66798
75059 83249 83262
Austria *14375 *31423
*31475 *58664
Burma 83242
Canada 75087
Quebec 31410
France *31424 *66826
*75046 *75070
Germany *14371 *31418
*31441 *31450 *50130 *58657
*66790 *75041 *75055 *75056
*75085 *75086 *83247
Russian Zone *91623
Gt Brit 66822
India 58671
Italy *31448 *58648 *91629
Maine 41054
Morocco *58662
Switzerland *22163 *41077
Turkey *41059
U S S R *14382
Venezuela 83259
Virginia 75051
Africa *14423 *66097
Alaska 75173 *41105
Amazon Basin *58694
and agriculture 74964
*91797
Brazil *22371
Pakistan 58633
Philippines 22365 83235
83650
Tropics 46358
Turkey *41059
and apiculture *16438 *91902
and mining 31768 41260
41277 67006
appraisal *14498 *75161
*91728
Argentina 83320
Austria *31575
Canada
British Columbia 58729
France *58733
Germany *14504 *58728
*58739 *91690
Sweden *14410
Argentina *56669 *58696
Asia 74965 *14424
Australia 75019 83213
Austria *3180 *3538
*14425 *31520
Belgium *50162 *75111
*75128 *83292 *91660
Bolivia 22100 *91672
Borneo *31479
Brazil *3197 *3274
*22101 *22307 *31484 *58702
burning 12097
Brazil *22325
India 14598
New Jersey 22319
Southern States 14576
41196 75271
Sweden *75285
U S S R *50290 *91776
*91788
Western States 50306
Canada 31329 31360
31478 41092 50168 83219
*14430 *91561
British Columbia 58729
Ontario *75109
Cayman Islands 3279
Central America *14426
Chile *22106 *91659
clear-cutting *3572 *50385
Germany *22253 *50204
U S S R *91788
Colombia 83291

Item

Forests--Cont.
community
Germany *83273
Pennsylvania 22183
Philippines 3229
Switzerland *31564
Wisconsin 3247
Connecticut 58614
conservation 3187 59097
41004 83054 83540 91596
91614 *3061 *3473
Australia 31438
California 22135
Canada 83196
Colombia *58533
Germany 3491
Madeira *3490
New York 83317
North Carolina 91598
Philippines 3475
study and teaching 3205
14361 41035 50108
U S S R 14366 *22089
*22149
West Virginia 83100
conservation stations
U S S R *31358
*31372 *31385 *31391 *31398
*31400 *31406 *31452 *31460
*39262 *58643 *58665 *75275
*83207 *83264 *91603 *91628
*91726
coppice 3398 *58780
*66933
Italy *41153
Luxembourg *58767
U S S R *75346
coppice with standards
*91787
France *3344 *3416
*3422 *22312
Switzerland *58791
credit 58732 66899 74966
83326 83330
Argentina *3212
France *41038
Mexico *91720
cutting systems 3217
*14586 *41189 *50209 *66933
Argentina *50296
Canada 22488 58792
Denmark *58793
France *31662 *83393
Gt Brit
Scotland 50221
Minnesota 66941
Rocky Mountains 83384
Southern States 50287
U S S R *22322 *31670
*75276
damage 14637 31768
31769 41258 41260 58886
66975 75439 *3492 *14639
*14644 *22369 *31473 *31755
*31762 *31765 *50363 *52095
*58840 *58843 *58850 *66978
*83232 *91863
Australia 75360
Austria *66971 *66974
Canada 23323
Denmark *75362
Europe *3476
France *3486
Germany *3479 *3496
*31761 *41255 *41261
Gt Brit 75359
Guatemala *66993
Italy *22368 *75367
Maine 25038
Mexico *5918
New York 14392 22375
41253 83482
Norway *3478 *3484
*3487 *14642
Sweden *31767 *41259
U S S R *58841
Venezuela 83429 *66981

Item

Forests--Cont.
demonstration
Lake States 31583
Maine 58697
Pennsylvania 75053
Denmark *3534 *14436
drain 41174 58686
Austria *58730
France *91641
Germany *31491
Lake States 66850 91663
drainage *66895
equipment *75188
Finland *31364 *41142
*91864
Norway *14502 *91724
Sweden *31364 *75185
U S S R *91716
ecology 965 3432 12056
12094 12097 20140 22296
56648 58772 64590 64596
89777 89778 89782 89798
*647 *3388 *3405 *5876
*12108 *22304 *38867 *56633
*56651 *56654 *58850 *64608
*72931 *81379
Argentina *89786
Bulgaria *81391
California 20125
Germany *56665 *72946
*81388 *89792 *91750
Indiana 650 12090
12093
Iowa 38863
Ivory Coast *29050
Japan *47715
Netherlands *12106
New Hampshire 12053
Ohio 89795
Oregon 64603
Ozark Region 12054 12055
56663
Poland *64598
Switzerland *23055 *81386
U S S R *639 *20126
*38854 *38857 *38858 *38878
*38882 *38883 *47703 *47724
*47729 *56931 *64592 *81381
West Virginia 72928
Wisconsin 89772
Yugoslavia *72923
effects on soils *58213
Ethiopia 91576
Europe 31493
*14415 *31333
even-aged *75216 *83336
fertilizers *49795
equipment *50293
Germany *31299 *49637
Fiji Islands 75014
finance 50226 83395
*3352 *58733
Chile *91719
Germany *31557 *91714
*91723
Japan *50215 *88172
Norway *41138
Switzerland *22163 *75191
Finland *40990 *66774
*75113 *83296
fossil
Canada
British Columbia 31501
France *3276 *3277 *14421
*14431 *22085 *22312 *31486
*31500 *58687 *83201 *83285
*91668
French colonies *22083
French West Africa 19848
Georgia 31326
Germany *3272 *14434
*22181 *31481 *31495 *31506
*40997 *48217 *58691 *58700
*58778 *58782 *66851 *66857
*74980 *75106 *75118
Gold Coast 31482

*Text of this reference is not in English.

Forests--Cont. Item

grazing 12094 14686 31814 65216 67007 75265 83344 *14682 *14685 *14688
Argentina *41276
Austria *50393
Canada 58884
France *3536 *51803 *85150
India 14691
Louisiana 3530 50389 91903
Minnesota 50238
North Carolina 14657 50199
Norway *31810 *67008
Southeastern States 50395
Southern States 14684 41275
Sweden *3374 *33676
Switzerland *58882
Texas 41278 75386
U S S R *22406
Western States 75045 75078
Wisconsin 14647 22377
Gt Brit 3203 3275 31485 41098 41099 58695 83283 *41022
Scotland 10541 50178 66848 *14333 *50171
Guiana *22193
Hawaii 66849
history *83193 *89921
Egypt *3190
Germany *75017
Gt Brit 31374
Switzerland 58698
U S S R *14348 *81381
improvement cutting
Chile *91794
Mississippi 14579
Southern States 14585
Texas 41198
U S S R *22320 *22324 *31666 *58789
in literature *91566
increment 41174 41178 75225 *31604 *75220 *75231 *83351 *91717
Denmark *50253
Norway *31560 *50170
U S S R *22324 *50251 *75214 *75252 *91757
India 3454 22187 27232 40996 83456
Indiana 3268 14420
Indonesia *41103
influences 2697 3526 3527 21622 22402 31805 50387 58875 75381 83449 83451 83453 85455 *14674 *14678 *22105 *22394 *22395 *22401 *31330 *31802 *31803 *41270 *41271 *58213 *66995 *66996 *66999 *91482 *91889 *91899
Africa 14677
Argentina *14672
Asia 3528
Brazil *14676
Denmark *31798
Germany *31800
Guatemala *66993
Idaho 22396
India 83456 91618
Italy *14675 *21895 *31801
Japan *31804
Middle East 22399
Switzerland *31796
U S S R *22397 *22398 *22403 *58873 *58876 *58877 *58879 *75385 *83450 *83457 *91887 *91890 *91891 *91894
Crimea *50380
Yugoslavia 83452

Forests--Cont. Item

inventories 41151 75210 75227 83353 83356 83357 83358 *3273 *31579 *41107 *83324 *91705
Argentina 83352
Tropics *75215
Japan *50218 *50270 *83284
Kenya 66753
labor 66757 *31351 *66778 *75012 *75178 *91565
Austria *22114 *22453 *27353 *50083 *75010
Canada 55094
contests 74991
U S S R *75048
costs 58618
U S S R *91726
education and training *22134 *31357 *31371 *35033
Austria *66788
Germany
Russian Zone *91586 *91588
Sweden *41025
Finland 74992 *31849 *31864 *41033 *41049 *41050
Germany *3193 *3345 *14735 *22088 *22098 *27356 *31361 *63346 *66754 *66764 *66765 *80102 *83212
Russian Zone *83337 *91562 *91571
housing
Sweden *41091 *75016
U S S R *22110
Japan *50227 *55043
management *3339 *22104 *31362 *40993 *41000 *58625 *74994 *91704
Canada 41137
Germany *83209 *91697
Netherlands *83218
Scandinavia *14351
Switzerland *74987
U S S R *31451
Norway *14324 *41009 *66777 *66950 *71262 *91577
research *74967 *74981
Sweden *18960 *22102 *50109 *66770 *83216
Switzerland *74970
U S S R *22081 *22089 *22099 *22165 *31322 *31327 *31358 *31392 *31399 *31402 *31413 *31442 *58660 *58665 *83207
wages *22079 *22096 *50078 *74982 *74989
control 22412
Germany *74993 *75011 *83204
Switzerland *66775
Yugoslavia *66776
Lake States *83289
Liberia 22190
Libya *31499
litter 21774 56537 66737 *14555 *30765
Japan *50361
South Carolina 40469
U S S R *38857
Luxemburg *83250
Malaya *14433
Malaysia 31480
management 3340 3342 3347 3353 3356 14349 14368 14484 14485 14491 14495 14497 14510 14513 22257 30509 31431 31558 41040 41143 41146 66824 67000 83322 83327 *3220 *3334 *3337 *3338 *3358 *3406 *14482 *14499 *22236 *22244 *22306 *31562

Forests--Cont. Item

management--cont.
*31563 *31568 *75120 *91700 *91703
Argentina *41213
Arkansas 14584 31577 31578 41150 66902
Australia 41141
Austria *22153 *22162 *31555 *31569 *50393 *58730 *66890 *83328
Belgium *75196
bibliographies 50229 75197
Borneo *14515
California 75200
Canada 14393 22242 31857 41137 58792 83319 91710 *14487
British Columbia 58735
Newfoundland 14506
Eastern States 66901
Finland *41140 *50205 *50219
France *3344 *31574 *75159 *75190 *75192
Germany 50230 *3332 *3346 *3351 *3354 *3355 *14481 *14492 *14493 *14512 *22234 *22235 *22245 *22248 *22251 *22253 *22254 *22255 *31551 *31557 *31622 *41145 *41149 *50211 *50217 *50224 *50232 *58731 *66893 *66898 *75181 *75186 *75193 *75247 *83394 *91696 *91698 *91706 *91713 *91721
Russian Zone *91694 *91695 *91711
Gt Brit 3328 14364 31582 31631 50208 50222 66900 83379
Scotland 50221
India 83318
Indonesia 83316
Italy *14509 *22252 *31571 *49529 *75189 *83332 *83334 *91692
Japan *50227 *50231 *67032
Louisiana 14503 50389
Missouri 31576
Morocco *58738
mountain areas *75171
Mozambique *3349 *41132 *58645
Netherlands *22250 *91718 *91722
New England 41062
New York 3258 3341 50138 75187
New Zealand 3360
Northeastern States 91710
Northern Ireland 14376
Norway *14380 *14483 *31465 *31555 *31560 *41131 *41154 *58663 *83313 *83331 *91708
Oregon 22237 31573
Pacific Northwest 22107
Pakistan 3234 3333
West Punjab 3336
Pennsylvania 3217 3221 31611 41063
Poland *83335
Puerto Rico 31581
research 41072
Southern States 3329 3330 3331 14511 41052 50123 50124 91715
statistics *58726
study and teaching 31381
Sumatra *58737
sustained yield 41137 *91727 *91753
Canada 66832
Washington 83333

Forests--Cont. Item

management--cont.
Swaziland 41135
Sweden 83325
*14501 *22249 *31567 *41139 *50212 *83314
Switzerland *31564 *91707
Taiwan 83627
Tennessee 22445 50134 50220
Tennessee Valley 11178
Tropics *91693
U S S R *58653 *91725
Washington 22256
West Virginia 58734
Wisconsin 31556 50228
maps 58757 83367 *22199 *31494 *66891 *75180 *83360
Austria *91658
Canada 41168
Germany *89792 *91768
Indonesia *22287
Sweden *50245
memorial 66780 83287
mensuration 22277 41180 50244 58755 58760 *14545 *22274 *31608 *50249 *50250 *50253 *58752 *66891 *75217 *91732
Africa 75218
Denmark *14548
equipment 91739 *31600
U S S R *58759
Europe *75222
Finland *40998 *41173 *50258
Germany *31613 *91733
growth *91735
India 14543
Montana 14549
Norway *31615 *41170 *75216
sampling 83353 *66911 *66912
Sweden *3380 *31612 *75219
Tropics 75213
U S S R *31606
volume *14539 *14541 *22293 *31599 *31607
Finland *14546
U S S R *58754
volume tables 3383 22276 22278 31618 50242 50247 50248 66915 75209 75232 91731 *22283 *41171 *75220 *75224 *91736
yield 58755 *91735
yield tables 50260 *22281 *22283 *50255 *58758
Mexico 3280 *19049
Minnesota 22188
mixed 58772 75244 *91717 *91779 *91791
Austria *83371
France *31637 *83393
Germany *50272 *58773 *75233 *75251
Japan *50280
Lake States 91835
Northeastern States 75279
Norway *91774
U S S R *22303
Morocco *14340 *75005 *75110 *91657
mountain areas
Germany *3194
Norway *41192
U S S R *66968 *75276
Mozambique *83199
national 14397 14442 14443 14629 31393 31502 31503 31768 31813 31814 41073 41277 58673 58886 66798 67006 75059 83327 83460 *75120

*Text of this reference is not in English.

Item

Forests--Cont.
national--cont.
Alaska 41111 41112
Austria *22153 *22162
California 3284 14444
22135 50177
Colorado 22198
Denmark *14419 *75166
Finland *41142
Florida 3504
Gt Brit 22185 *66814
Mexico 14412 *31412
Norway *14380
Oregon 22197
Pennsylvania 75040
Sweden *75039
Texas 3281 41198
41278
U S S R *22081 *31489
*31815
Utah 75123
Venezuela *66814
Washington 3287
Western States 74767
Wisconsin 66767
Near East *75383
Netherlands *2397 *91572
*91580
New Jersey 22184
New York 22086 22375
New Zealand 56162 *3269
North America *14416
Norway 31331 31349
*50165 *50166 *74990 *83290
Ohio 66783
ownership
Austria *58689
Brazil *22078
California 41104 50158
50159
Canada
British Columbia 41133
Denmark *75115
France *22182
Germany *22112 *31347
*50122 *50130 *50137 *66772
*75008 *83431
Italy *58648 *75163
Japan *50103
legal aspects
France *58646
legislation
Venezuela 63628
Netherlands *14494
New Hampshire 91691
New York 3258
Norway *22143 *22171
Southern States 66766
Sweden *75039
Trinidad 22151
Tunisia *75164 *75165
Pacific Northwest *3266
partial cutting 75279
Pennsylvania 14445 31620
pests 3481 6845 43196
60569 75353 *16655 *22369
*43179 *43453 *50353 *60555
*85380
Australia 16653 34244
34583 68910
Austria *43227
Brazil *24370
Canada 5947 25033
85987
British Columbia 52128
control 52067 52094
52146 77205 85345 85407
*14641 *31757 *33845 *33875
*52095 *52131 *60537 *68466
*77221 *78024 *85352 *85379
*93498 *93502
Canada 77260 85346
85989
Germany *24415 *33913
*34969 *52036 *60615 *75354
*75370
Gt Brit 85404

Item

Forests--Cont.
pests--cont.
control--cont.
Japan *77227 *85377
Netherlands 43713
*16190
Spain *33840
U S S R *33894 *33895
*77749 *93740
Yugoslavia *17055
Europe *43244
Finland *24392
France *34233 *60812
Germany *24414 *34221
*43419 *52159 *75355 *75356
*75357
Gt Brit 75359 75363
India 60588
Italy *93403
Japan *50362
Mexico *5918 *5948
Netherlands *16186 *34506
Northeastern States 77261
Norway *5939
Pakistan 5988 33890
Southeastern States 33868
77233
Sweden *60864
Turkey *75368
U S S R *33916 *34281
*66976 *75371 *93354 *93404
planting 14592 31679
31700 31744 41215 50135
50310 50336 58818 *22295
Arkansas 41241
Austria *22355
Australia 75338
bibliographies 66969
California 75308
Canada 91803
Germany *75321
Gt Brit
Scotland 14404
Illinois 31120
Inland Empire 91837
Japan 3433
Netherlands *83424
New Jersey 58816
North Carolina 75318
Norway *66950 *91701
underplanting *91795
U S S R *58814 *75310
*75320 *75336 *83416 *91603
private 31561 66799 83256
*14500
Austria *66888
Germany *22179 *22255
*31421 *31450 *75181 *91690
Russian Zone *91612
Gt Brit 58630 83295
India 91636
Kentucky 58863
Netherlands *91718
Southern States 14378
Sweden *75195
protection 3474 *14643
*22373 *22379 *31416 *31750
*31751 *31764 *47516 *50358
*50366 *52095 *66973 *78654
Austria *14640 *50360
Canada *3204
equipment 66980
French colonies *50355
Germany 83428
*3480 *3491 *31752 *31761
*41257 *66839 *66979 *66996
*83427 *83430 *83431
Gt Brit 66841
Italy *71206
New York 50138
Norway *58845
Philippines 22365
Sweden *91861
Turkey *75368
U S S R *31753 *31754
*31763 *31766 *58851
Venezuela 83429

Item

Forests--Cont.
pure *83336
recreational use 3529
3537 22404 50391 58886
67003 83458 83459 83460
*75387 *91901
Canada 58885
Colorado 50394
Finland *14683
Oregon 67010
Washington 67011
Western States 75078
Wisconsin 3533
regeneration 22296 83379
*3403 *14554 *41252 *58783
Canada 3429 83192
Chile *91809
Denmark *14603
Germany *14429 *50338
*58827 *75304 *75309
Russian Zone *91753
*91795 *91818
Gt Brit 3453 31733
India 14597
Japan *50280
Lake States 91742 91835
Netherlands *66927
New Zealand 66917 83409
Norway *58810 *66967
Ohio 91842
Rocky Mountains 83384
Southern States 3421
Switzerland *31645
tests *50322
U S S R *22322 *31670
*31729 *50169 *50347 *58804
*58808 *58813 *66968 *75314
*75346 *91853
Yugoslavia *31731
regulation 31431 31462
66827
France *14406
Germany *31421 *50122
Russian Zone *91612
release cutting 3421
14584
Germany *31669
Idaho 83386
Lake States 91790
resources 40999 41096
46422 50175 50176 58686
66853 75107 75108 75121
75122 83278 83293 91650
*14712 *31343 *31505 *31507
*50092 *91667
Alabama 75126 75127
Australia 14437 31504
Austria *31569
Brazil *22371 *41003
Canada
British Columbia 50163
Quebec 83198
Chile *50157
China *58703
Colombia *59052
Europe *3202
Finland *3278 *22180
France *22182 *31487
*75112
French Guinea *91647
Georgia 75124
Germany *14435 *22195
*31477 *31491 *41106 *58693
*66852 *75129 *91664
Gt Brit 75117
Scotland 75117
Guatemala *58628 *66858
India 3271
Italy *75137 *91649
Lake States 66846
Latin America *67165
Mexico 83280
*66855 *83277 *83288
Michigan 50160
Minnesota 31488 31492
Mississippi 22186
Missouri 50173

Item

Forests--Cont.
resources--cont.
Netherlands *31496
North Carolina 75125
Norway *22087 *58704
Peru *3265 *66845
Philippines 22435
South Carolina 14432
Southern States 50167
66766
Spain *58701 *66859 *83303
Sweden *50161 *50164
*75114 *75119 *91648
Switzerland 75116 *91655
Tennessee 41109
Turkey *41100
U S S R *58692
Latvian SSR *31508
Western Hemisphere 83286
Western States 50163
Yugoslavia 31497
Romania *91654
Sarawak 83279
Scandinavia 22080
school 22126 31638
*66786
selection cutting 14486
31584 83382 *3419 *58788
*75171 *75267
Belgium *75266
Canada 22247
France *3344
Germany
Russian Zone *91784
Italy *14582 *83392
Japan *50266 *50281
Norway *41193
Spain *91786
Sweden *75293
Switzerland *41199
Siam *91651
Sicily *71517
sites 75245 83378
*31649 *33892 *49562 *72941
*75248 *89800 *91748 *91761
*91765
Austria *66929
California 75270
Canada
British Columbia 22276
Germany *91768
Indiana 14420
Iowa 3395
New Zealand 75083
Norway *91808
Southeastern States 58764
66921 91760
Sweden *3380
soils 13847 13936 14592
21576 21774 40402 49530
66255 67000 75290 83378
*2788 *13810 *13994 *14557
*14559 *14560 *14561 *21683
*21703 *21748 *21749 *30709
*30939 *30950 *31285 *31649
*40482 *40592 *41252 *49450
*49508 *49562 *50385 *58361
*58390 *58780 *72941 *74502
*74668 *75281 *91765 *91797
Austria *30797
Belgium *21688
Czechoslovakia *48023
*49509 *49708 *50276
Denmark *58315
fertility *3394
France *64591 *91787
Germany *14610 *21742
*21764 *49473 *58133 *58180
*74432 *75272 *81388
Iowa 58152
Japan *47346 *49516
*49804
Netherlands *13937 *66926
*66927
Norway *75287
Philippines 82669
Puerto Rico 14571

*Text of this reference is not in English.

Item

Forests--Cont.
soils--cont.
Southeastern States 58764 66921 91760
Tropics *2528
U S S R *2526 *21595 *22397 *31217 *31698 *58172 *58356 *66135 *66164 *66165 *66181 *66208 *75258 *75320 *75324 *90091 *91505 *91762 *91771 *91778
Wyoming 13741
South America 14427
Southern States 41095 41097
Spain *14417 *58634
spraying and dusting *60620 *93484 *93508
Canada 94106
state 75073
Indiana 3393
Louisiana 83258
New York 50138 58651 83251
Pennsylvania 3217 3221
Southern States 31394
Virginia 75062
Wisconsin 3242 50228
statistics
Austria *61895
California 83294
Canada 91652
British Columbia 35409
Chile *35417
Finland *40998
France *31338
Georgia 66854
Indiana 22196
Italy *31346 *41001
New York 14433 91673
Oregon 22191
Spain *91670
Vermont 91671
stocking 14540 22240 31611 75207 75211 *31607 *75220 *91711
Europe *75222
Germany *41134 *83394
Mexico *75231
U S S R *75243
strip-cutting *50317
subsidies
France *88443
Surinam *31479
surveys 3382 80126
aerial 22285 22292 31596 83362 83364 83365
Maine 25038
Pacific Coast 75230
Australia 31504
Austria *91661 *91662 *91665
California 41104
Canada
British Columbia 58685
equipment 41177
Finland *22180 *41101
Guatemala 50172
Japan *50254
Kentucky 41116
New York 83321
Northeastern States 50241 91740
Pennsylvania 41093
Philippines 41094 41102
Surinam 49517
Sweden *3263
Switzerland *3249 *3251
Sweden *50165 *66844 *75114 *91656
Switzerland *22103 *22189 *38867 *58699 *91707
taxation 41088 41089 58681 58684 75098 75101 75104 *91699
Canada
British Columbia 31469

Item

Forests--Cont.
taxation--cont.
Connecticut 83271
Denmark *50085
Finland *50151
France *31404
Germany *3253 *14408 *14411 *22178 *41085–41087 *50147 *50153 *50154 *66834 *66838 *83273 *91643
Japan *50150
legislation *91642
Netherlands *31474 *41090 *83474
New Hampshire 50149 66833
Norway *3262 *14407 *31465 *41079 *50155
Sweden *3263 *41080 *58680 *91642
Switzerland *3249 *3251
Tennessee 83312
Texas 83282
thinning 3412 31664 41200 50286 50292 50301 75278 83387 91780 91796 *14508 *31657 *66942–66944 *75295 *91793
Austria *31675 *83390
Denmark *50295 *66935 *66936 *75280
equipment *91704
Gt Brit 67199
Scotland 50288
India 14575 58795
Italy *75163
Pacific Northwest 83395
Poland *66938
Rocky Mountains 66994
Southern States 75283
Sweden *41194 *50299
Washington 22317 50294
West Virginia 22316
Wisconsin 3424
Trinidad 50080
Tropics *41184
Turkey *41110
types *56631
Austria *75154
Belgium *22298
Midwestern States 83375
Norway *91653
Puerto Rico 14571
U S S R *31489 *75252 *91574 *91712 *91725 *91754 *91758 *91763 *91764 *91891
Uganda 28522
uneven-aged 41174 50208 *58783 *83334
Union of South Africa 14441 22113 31498
U S S R *31483 *58688 *58690 *66860 *66869 *91674
Caucasus *41108
Kazakhstan *66847
Northern Caucasus *50174
Siberia *41121
Ukraine *22194
White Russia *50169
utilization 14690
Brazil 75151
Canada 3532 58883
Germany *22243
Russian Zone *91625
Mexico 3174
Netherlands 14494
Norway *3177
Oregon 22237
Poland *66813
U S S R *41045
Latvian SSR *31508
valuation *22274 *41446 *41449 *50210
Austria *66896
Germany *22233
Japan *91702
Western States 83315

Item

Forests--Cont.
Vermont 50091
Washington 3285
water relations 22400 30871 31805 50386 91892 *31799
Germany *91895
Middle East 22399
U S S R *91762
weed control *49290 *91012
West Indies *14428
Western States 50084
wildlife relations 3531 14679 14681 14687 22405 31769 41272 41273 50364 50392 58637 58822 58872 67005 67012 75380 75387 *22369 *31755 *31808 *31809 *31811 *31813 *60537 *66979
Canada 58880 58881
Denmark 66972
Germany *31761 *60615
Norway *3484
statistics 22407
U S S R *67009
Virginia 14689 41272
Wisconsin 3508
Wisconsin 31365
Wyoming 66856
yields *3352 *41147 *50209 *75183
Denmark *14419
Germany *91713
Netherlands *75177
Sweden *3374
Switzerland *31564
zoning 75064
See also Farm woodlands; Forest fires; Forest insects; Land, clearing; Rain forests; Reforestation; Tree farms; Trees; Wildlife; Wood; names of forests; and under Accidents; Railroads; Roads.
Forficula auricularia 28860 43911 52879 78255 78273 78276 82076 94196
Forgetmenot. See Myosotis.
Forks *52999
Formaldehyde 21988 29160 66684 *81352
effects on fibers 36079 87251
effects on insects 24819
effects on leather 79691
in milk analysis 53800 *25999 *26017
insecticide *68443
residues 5319 47428
vaccines 5319 *5809 *42366 *43072 *76550 *77130 *84321 *84365
Formalin *11900
Formamide 70537
Fermate 95306
Formic acid *16924 *92779
Formica 61127
Formica minor pratensoides *6712
Formica opaciventris 85901
Formica rufa *78019 *78020 *78025
Formica sanguinea subintegra 78050
Formicidae 52696 68876 85896 *78029
Formicoidea *78049
Formol. See Formaldehyde.
Formol vaccine. See Formaldehyde, vaccines.
Formol-gel test *76527
Formononetin 35878
Formosaspis 43653
Formula Feed Conference 45096

Item

Forschungsinstitut für Kakaowirtschaft *7742 *86737
Försterella *6736
Forsythia 90874
Fossils. See Paleobotany and under specific subjects.
Foul foot. See Foot rot.
Foulbrood 24520 *16388 *52248
control 85506 *24588 *24640 *34033 *34035
diagnosis *77465
prevention *24595
treatment *34058 *60704 *60738
Founder. See Laminitis.
4-H Club Conference 38172
4-H Club Week 46889 80569
4-H Clubs 19406 19412 19455 28105 37957 37959 37993 46860 55747 55750 55762 55793 55806 55807 63825 71942 71966 71976 72007 96044 96070 96076 *10867 *71939
activities 55729 71975 80568 80591 88917 *46789
Austria *28066 *55760
beef cattle 15306 15352 42297 42313 59601 76490 84435 84458
camps 10928 28102 28103 55756 55808 72006 80557 96071
Canada 31387
canning and preserving 45464 53576 54346 54399 54400
ceremonials 28101 37992 37999
clothing 28331–28333 47089 47095 56065 64060 80798 80799
conferences and congresses
Canada *55711
contests 36533 37926
cookery 46950 47077 47091 56052–56054 56063 63884 63894 64059 89134
dairy cattle 23403 42292 42314 51350 67744 76438 76485 84431 84487
demonstrations 46808
eggs 36774
electricity 25530 44346 44348 53340 53346 53348 69472 69474 69477
equipment 69088
exhibits 70304 88815
Finland 37955
food 46962 61879 80672 80792
forage plants 57281 57282
forestry 50350 58636 58637 66787 83227
gardening 40039 48683 65281
grain 48304 48305 57109 57282
grooming 55769 55770 80573
handicrafts 28008
health and safety 6940 52916 55730 78323 88737 95997
history 28088 37975 88885
home management 19673 38256 47090 56070 56073 64062 71919
Iowa 37948 53348
Jamaica 37949
landscape gardening 49102 74087
leadership 10843 19393 53576 55737 88838 88839

*Text of this reference is not in English.

Item

4-H Clubs--Cont.
livestock 92383
marketing 61771
Maryland 38172
membership 96069
Minnesota 6940
Negroes 25538
Ohio 71982
Oklahoma 80563
ornamental plants 65722
pheasants 51698
Philippines *10898
poultry 5532 42734 42840
programs 10924 10930 46748 46839 55796 63788 63804
public relations 10919 80585
Puerto Rico 80574 80575
rabbits 4601 24110 51768 60301 85033
recreation 27947 71925
sewing 47083 56050 88918 89132 89133 89138—89140 96222
sheep 24209 24213 42983 51874
soil conservation 74841 74885 83055 *21921
soils 66098
sweetpotatoes 74147
swine 16113 16116 24320 52017 85290
Texas 37930
tractors 34996
vegetables 49225
Washington 19447
water conservation 74841 *21921
weed control 57991
West Virginia 55781
Western States 19450
wildlife conservation 63985
4K-2M. See Methoxone.
4-S Clubs 55761 *71948
Fourwing saltbush 78125
Fowl cholera 51611 51615 51659 *51610 *68053
immunization 76784 *76846
Mexico *23956
pheasants 23893
treatment 33260 68090 *51666
turkeys 5284 23963 33328
Fowl nephritis. See Avian monocytosis.
Fowl paralysis. See Leukosis.
Fowl pest 84913 *42674 *60156 *68050 *84930
Austria *68072
diagnosis *51619
ducks 84880 *51623
France *33275 *51630 *84885
Germany *23914 *60150 *60157 *68061 *76840
immunization 5299 76791
U S S R *42658
virus 15132 *23953 *42654 *51632
Fowl pox 15813 42705 *60179 *68088
Germany *93029
immunization 42713 84926 *5362 *5374 *15828 *76832 *93002 *93027
Indonesia *5337
pigeons *93003
vaccines 68082 *23960
virus 68082
Fowl typhoid 5318 42709 60129 68068 84863 *23909 *23943 *76818
turkeys 23896
vaccines *23909 *42651
Fox H 72207

Item

Fox distemper. See Canine distemper, foxes.
Foxes *15637
as predators 11186
breeding 32957 42414 92717 *59884
breeds
Blue *15625 *15631 *23538 *59887 *76592 *84566
Silver 32974 *4952 *4956 *4959 *15623 *15624 *15628 *15630 *32979 *42404 *42413 *42415 *84570 *84582
Silver Black *23556 *32970 *32971 *32982 *32992 *59884
Canada 23554
care
Norway *15625 *15641 *23538 *32992 *59887
color *15624 *23559 *59881 *84570
diseases *42416
feeding and nutrition 15627 32974 *4965 *15630 *15631 *32970 *32971 *42413 *76592
fur production *15628 *23559 *84570
genetics *42404 *59881
judging *15623 *15624 *15644 *23557
Norway *15641 *17459
U S S R *23556
See also names of anatomical parts, diseases, and parasites; and under Blood; Furs.
Foxita patei *78031
Foxtail millet. See Setaria italica.
Fragaria *38994
Fragaria vesca 716
Fragaria vesca muralis *50231
Fragariocoptes n g 52388
Françaiella colchica *23346
Françaiellosis *23346
France Armée
Serv Vétérinaire *92336
France Caisse Nationale de Crédit Agricole *55019 *88187
France Comité Central de la Laine *94946
France Institut National de la Statistique et des Etudes Economiques *63900
France Ministère de l'Agriculture *11188 *29575 *55240 *63969
France Off de la Recherche Scientific Outre-Mer *56106
Frankenia *89345
Frankfort Getriede- und Produktenbörse *70768
Frankliniella fusca 78278
Franklinothrips 34720
Fraser Valley Milk Producers' Association 45045
Frasera caroliniensis 64166 89820
Fraxinus 14447
anatomy and physiology *3808 *73250 *75313
diseases *64496
Gt Brit 83311
Norway *3310
planting *41219 *75348
seeds *50313 *91844
soils *73250
U S S R *50251 *91757
wood 14983 *22745 *41642
Fraxinus americana *41124
Fraxinus excelsior 3305 *56712 *67198
Fraxinus nigra 22230
Fraxinus ornus *40350 *67198
Fraxinus velutina 90762
Frazier-Lemke Act 27281

Item

Free M 13234
Freemartins 51220
Freesia
culture 2061 *2095 *13211 *39978 *49070 *57754 *74093
forcing 49114
Freezing of food 7618 17669 35371 44513 53554 53569 61873 69717 86666 94606 *7637 *7651 *35398 *44572 *44573
conferences and congresses 53556
cooked 7461 25715 25718 35364 44569 44581 44601 69702
costs 69684
Denmark 69676
equipment 7625 69687 78819 78827 *25732 *35379 *78485
Gt Brit 69705
home 25714 25719 25722 61860 78788 86644 86646 86650
Japan 78821
Norway *35380 *44605
research 69691 *44560
Southwestern States 7443
Sweden *78834
See also Dehydrofreezing; Food, frozen; Home freezers; Locker plants; Refrigeration; and subheads freezing, frozen under names of products.
Freight cars 5919 9037 9118 32038 75545 78168
See also Refrigerator cars.
Freight rates 8713 22436 35248 36593 36594 41285 44443
Canada 54620
Germany *44478 *87636 *94531
Gt Brit 50411
Kansas 54525
Montana 86564
Norway *44846 *44876
Fremontia 90762
Frenais *52404
French in Morocco *19198
Frenching
tobacco 11978
Freudelta *52404
Friedmann treatment *67680
Fries E T *96218
Friesche Coöperatieve Handelsvereniging voor Zaaizaad en Pootgoed *27078 *36858
Friesche Maatschappij van Landbouw *63970
Friesland Gezondheidsdienst voor Vee *4596 *51197
Frightening devices for birds 47366 *64398
Frit 29295
Frit flies. See Chloropidae.
Fritillaria 6751 38928 47032
Fritillaria lusitanica *81403
Fritillaria meleagris *72364
Fritillaria pudica 89824
Fritschiella tuberosa 56303
Fritz process 87087 *62237 *70234 *87081 *94852
Froesia *28590
Froesiochloa n g *28514
Fröhlich's syndrome 15603
Frontier 10460
Frost 17284 38279 *38289 *86455
effects on buildings *53324
effects on fruits 47395 72558 *1770 *49674 *56445 *57444 *89520

Item

Frost--Cont.
effects on grain 70713 *29609 *29610
effects on plants 927 11624 11657 11697 19907 39002 47370 47386 48054 48068 56405 64308 64361 64852 72614 73254 81158 89475 89489 89544 89564 *373 *28802 *28813 *28816 *29973 *29995 *30045 *30304 *47925 *47991 *48084 *64354 *64365 *65118 *72548 *81184 *81198 *89967
effects on soils 66117 66118 66143 91149
effects on trees 75369 *58843 *66973
plant protection 1606 1694 1944 2183 12981 13021 13177 13222 13253 13348 20868 21019 21032 30009 39721 39723 39759 39775 48852 64390 65385 65530 65707 90531 90589 90890 *25 *1623 *1809 *2309 *20870 *28400 *28731 *28802 *29865 *29925 *30021 *30109 *30125 *30409 *48871 *56129 *56136 *57444 *57488 *64727 *66085 *73713 *80852 *80891 *80912 *82282 *90552 *90569 *90573 *90621 *90626 *90640
California 29980 29981
Canada 57446
Ecuador *39657 *80865
equipment 12999 29964 29966 29990 48738 *69486 *73737
France *28427 *57618 *72276
Germany *21277
Gt Brit 20798
Italy *57445
Norway *73712
U S S R *39152 *57502 *57510 *72607
See also Cold; Temperature.
Frostia n g 34238
Fructosans 79209
Fructose 1069 79934 95555 *8664 *39127 *45311 *63132 *71150
in honey *95209
in plants *63941
in semen 15294 23071 23101 23106 23117 84106 84148
Fruit 1637 8632
abnormalities 47762 *39072
acidity 8672
advertising 54303 62530
Algeria *12961 *20830 *48689
analysis and composition 8672 12265 18222 26474 45312 70527 70531 79372 90070 95047 *8670 *18219 *26478 *26481 *36157 *36160 *70533 *87353 *87371 *89988 *90042
anatomy and physiology 938 20918 38884 39208 47787 47902 47938 47976 56801 56811 56817 56895 57458 81637 *985 *12326 *16234 *20279 *20292 *20344 *20395 *29090 *38925 *39159 *39186 *39190 *47978 *48061 *48088 *56897 *57548 *64613 *64719 *64738 *64822 *72967 *73187 *73828 *81651 *81725 *82210
Argentina *12965
associations
Austria *54187
Sweden *39748
Australia 1615 65346 73743

*Text of this reference is not in English.

Fruit--Cont. Item
Austria *48816
bacteria 8912 *70663
biennial bearing *58456
biochemistry 62636 81754 *64879 *64880 *95127
Brazil *12986
breeding 753 13122 47820 48704 *765 *1790 *20842 *30095 *47858 *73742 *73828
Australia 768
Germany
Russian Zone *20866
Italy *48674
Norway *20838
Sweden *39831 *57540 *73816
Switzerland *13047
U S S R *775 *1656 *90555
California 79534
Canada 48717
canned 18222 45451
Australia 26570 79452 79528
containers 36242
marketing 45340
purchasing 36206 45356 45357 45358
spoilage 70595 *36237
statistics 36305 54415 87498
waste 26494 36171 45319
canning 8888 36300 54346 54399 87472 *95130
Denmark *79482
home 79512 94589 95135 *8923
care and handling 17424 48710 79495 79503 *87466
chemistry 26488 36150 *54397
color 47901 48809 56882 57466 70592 95131
concentrates 26576
conferences and congresses
France *57448 *65320
consumer preferences 18242 54243 70551 79379 *26526
Gt Brit 26495
consumption 18244 45320 54242 70552
Denmark *18238
Italy *87373
Netherlands *36173 *79382
Switzerland *87374 *87377
containers 8791 45396 79391 79425 87451
contamination 26542 54308 61792 70527 70531 95075 *36234 *36236
cookery 38076 47077
cooling 8857 54360 54384 62605 95114
cooperatives 8683 45325 45329 45336 54244 54252 54253 79417 *8739 *70558
Austria *70569
Belgium *18277
California 45349 54254 62512 87416
Denmark *70568 *71636
Germany *36197 *87380
Gt Brit 36203
India 26524
Italy *54305
Sweden *54276 *88594
costs and returns 10399 45285
Belgium *95864
Denmark 55492
France *10406
Germany *27745 *63577
Netherlands *71654
Sweden *27724 *71653
credit *46113

Fruit--Cont. Item
culture 1632 1669 1681 2855 3769 12992 13037 19900 21807 25553 26609 30074 39721 39723 39752 39759 39761 48710 48713 48716 48728 48731 48783 57447 57449 57457 57465 57483 73739 82146 90550 90644 *1648 *1651 *1653 *1667 *1668 *1672 *1828 *12966 *12969 *12974 *12978 *12980 *12981 *12984 *13059 *13105 *20845 *20847 *20852 *20864 *29926 *29942 *29949 *29952 *29956 *30021 *30073 *30075 *30076 *30111 *39824 *39852 *39877 *39878 *48700 *48726 *48795 *48846 *48847 *48848 *49703 *57474 *57476 *57488 *57524 *64599 *65330 *65331 *65336 *65341 *65351 *65419 *65460 *65461 *69063 *73737 *73881 *82163 *90552 *90561 *90573 *90617 *90627 *90633 *90687
Africa 29944
Algeria *12958 *29951 *90571
Argentina *82160
Arizona 90572
Australia 1642 12905 21783 39725 57469 90533 *1772 *73759
Austria *1678 *39711 *48725 *48772 *48811 *48815 *49841 *56655 *57468 *82157
Balearic Islands *73762
Belgium *1773 *12987 *29933 *29934 *30046 *48810 *65356
Brazil *82159
Canada 57446 65345 *73749
Colombia *82166
Denmark *1635 *1749 *73814 *82219 *86161 *90554
Eastern States 20831 *65322 *90649
France *1548 *1652 *20835 *65337 *73754 *90626
Germany *1627 *20836 *20837 *20841 *20849 *20857 *20858 *20872 *20949 *21623 *29935 *30439 *39731 *39740 *39749 *48732 *56667 *57463 *65332 *73819 *82149 *82158
Russian Zone *65359 *90063
Gt Brit 1671 20833 21270 48655 65315 73755 73757 90531 90544 90644 *1670 *29953 *29954 *30031 *65348 *90624
home-raising 29958 39756 *39745 *39746 *48721 *48727
India 90562
Indiana 1622
Israel *65387
Italy *1625 *1675 *1733 *39732 *39835 *48705 *48722 *57439 *57445 *65338 *65350 *82144
Japan *73760
Luxembourg *48782
Mexico *12971
Michigan 29925
Minnesota 90568
Morocco *82145
mountain areas *1659 *48724 *91490
Netherlands *1624 *1628 *1662 *1674 *1680 *12954 *12957 *13034 *13998 *20850 *39854 *64777 *65324 *73829
New Jersey *29945

Fruit--Cont. Item
culture--cont.
New York 841
New Zealand 73740
North Africa *20855
Norway *20913 *73804
Ohio 39898
Oregon *19095
Pacific Coast States 90572
Pennsylvania 1647 1777
Philippines 39724
seasonal 20868 *33885 *39718 *48798
South Carolina 73756
Southeastern States *48697
study and teaching *11658 *57452 *73748 *82164
Sweden 12973 57525 *40172 *48812 *56861
Switzerland *1676 *12955 *13047 *39733 *39750 *82150 *82216 *90632
Texas 29922
Tunisia *29950 *82152
U S S R *1656 *1661 *1663 *1673 *1685 *2293 *12972 *20854 *29924 *29927 *29929 *39704 *44049 *48715 *48735 *57470 *57481 *73744 *73745 *73747 *73758 *82147 *90543 *90547 *90558 *90563 *90569
Uruguay *39719
Virginia 90656
Washington 73738 90560
Denmark *65334 *71611
directories
Florida 36104
France *8620
Gt Brit 62470
diseases 348 551 570 11879 12005 28830 47528 47564 47660 56615 64486 64824 72585 72667 81310 90054 *500 *11719 *11842 *16234 *19898 *38584 *47363 *72827 *81233 *81253 *81279
Australia 72734 81272 81316
Austria *47390
Belgium *28757
control 28738 28742 28750 47667 52051 64339 89602 *11655 *11751 *11796 *24377 *33885 *43220 *47364 *56370 *56446 *89625
Argentina *47457
Belgium *38574
Denmark *89508
France *285
Germany *43218
Netherlands 56394 *375 *11702 *28819 *38560 *38580 *38581 *38631 *38695 *47459 *64337 *64430
Norway *313
U S S R *33888
Germany *33885 *72577
Gt Brit 81343
Italy *823 *64503 *64558 *81200
Japan *72571
Netherlands *491 *11747 *20063
Norway *39153
Oregon 28809
Sweden *56869
Switzerland *29023
transmission 47668 56619 72881 *12028 *60596
U S S R *11971
Virginia 56390
Yugoslavia *12013
dried 72020 87428
Australia 8847 26139 26623 87517

Fruit--Cont. Item
dried--cont.
care and handling 79500
consumer preferences 70551 70553
pests 68396
Union of South Africa 62551
utilization 62503
drying 8888 26619 70642 87521
equipment *62635 *79492
dwarf trees 12959 12994 57454 73805 82165 90618 *90634 *90639
ecology *56655
Egypt 39736
equipment 25215 43995 52963 78336 *6985 *7064 *7069 *52976 *94252
U S S R *17298 *53042
espaliers 1626 12989 57454 *39762 *90546
fertilizers 13906 13971 21674 30971 31032 40616 49569 49578 49584 49659 49666 *2717 *2838 *21730 *21777 *30918 *30932 *30961 *40649 *40668 *40669 *40687 *49625 *49672 *49780 *58332 *73828 *74647 *74658
Algeria *66413
Denmark 66691
Germany *21788 *30969
Italy *66304 *74548
Netherlands 31234 *13900 *30905 *30967 *66298 *66299
Norway *13952 *21534 *21681 *40689 *74568
U S S R *2818 *49653 *49772 *58331
flavor and odor 70655 *87438
for freezing 39675
for processing 8930 26609 45329 54318 54325 54369 57487 70632 79449 82151 *65341
freezing 8863 45455 62588 62640 70636 87465 *18318 *62609 *79469 *79504 *95124
bibliographies 36296
home 18346 18349
French Guinea *48720
frozen 8866 8871 18222 70651 79510 *62627
fumigation 34349
Germany *12648 *26627 *45479 *90559
Russian Zone *20843 *90566
germination *39729 *82153
grading and standardization 8776 79442 87443 *8775 *36231 *45383 *95083
Austria *54306
Belgium *36227
Denmark *8774
equipment 61472 62557 95063 95064 *8770 *32230 *61488
Germany *8892 *26539
Michigan 62562 62566
Netherlands *8783 *87313
Norway *8771 *95072
Oregon 79455
Sweden *8765
Washington 54318 54325
Gt Brit 12988 29919 65317 65352 90549
hardiness 39728 *1790 *48805
U S S R *39715 *57550 *57570 *58456
harvesting 25319 48767 57462 57526 90648 *1655 *1658 *1660 *8897 *12979
equipment 25332 61448 86263 *61464

*Text of this reference is not in English.

Item

Fruit--Cont.
history 20869 29917 65315 *12975 *65319
Illinois 29921
illustrations *30019
in art 47160
industry 45264 45285 *1664 *48697 *65297
Arizona 8611
Australia 18210 18211
Austria *54199
California 18196 36106 96047
Canada *70502
Colombia *87347
Connecticut 54213
Denmark *29878
Europe *26529 *87344
France *18192 *26459 *62475
Germany *8636 *36133 *62481 *79358 *87317 *87319 *87341 *95029
Gt Brit 8612 54207 82130
Guatemala 54195
Illinois 62462
Italy *26450 *54185
Netherlands *26447 *45288 *79346 *88163
Oregon 95033
Philippines 36107
Portugal *36132
Spain *54180
Switzerland *18199
Texas 87322
Union of South Africa 18218 62451 *26466
Yugoslavia 45282 70499
injuries 11661 11676 28731 28764 47395 56405 72558 89990 *38606 *47421 *64365 *64832 *72548 *90640
Canada 56409
Norway *1640
U S S R *369 *72607
Washington 11697
irrigation 2736 14101 58395 58449 58457 66542 82960 91419 *8822 *40823 *58332 *58419 *82963
Argentina *2911
Germany *66485
Northwestern States 49908
U S S R *2982 *58456 *58471
Israel *57453
Italy *73711
Japan *90542 *90570
juices and sirups 18244 26578 *7702 *8820 *8880 *18340 *62466 *79487
analysis and composition 35227 *8662 *53655 *62488 *95134
chemistry *36145 *54234 *87363
concentrated 79473 *45411 *62615 *70623
consumer preferences 70551
consumption 18244 45320 70552
containers *79462
discoloration *70588
fermentation *45423
frozen 79510
frozen concentrates 8818 8859 *44560
Italy *79348
keeping quality *62633
marketing 45373
microorganisms *87362 *87372
North Africa *11000
nutritive value 19574 55933 *63935 *89066

Fruit--Cont.
juices and sirups--cont.
Pakistan 45292
processing 36258 95142 *8886 *8897 *8915 *62633 *70661 *79493 *87471
spoilage *87493
storage *70588 *70635 *79517
Sweden *79334
utilization *36172
keeping quality 45350
labeling 79425
labor *62526 *71321 *88286
legal aspects *1620 *18192
marketing 8688 8704 8780 18260 26532 26609 36189 45333 45335 45337 45345 45348 45350 45351 45355 45359 45367 45369 45370 54242 54262 54269 54271 54280 54294 57457 62518 62537 62546 62547 70572 70573 70583 79410 79420 87400 87407 87408 87412 87443 95050 95051 *8725 *18280 *36193 *36200 *36213 *36219 *54249 *79387
Australia 8714 8715 8716 8755 36180 45338 87395
Austria *79407 *87425
California 8737 62518 87387
Canada 8697 54263
conferences and congresses 45372 *8696
costs 87423 *79387
Denmark *87424
Europe *26529 *70558 *70564
France *8730 **8738 *18291
Germany *8750 *8751 *54259 *62532 *70566 *70585 *79403 *87401 *87402 *87405 *87406 *87410 *95055 *95057
Gt Brit 8099 8910 8912 36196 70584 79408 *18265
Illinois 79422
Italy *18253 *26507 *45332 *48705 *54255
Japan *62548
Minnesota 26520
Netherlands *8725 *8727 *8732 *26501 *36204 *45342 *45343 *46113 *54265 *62526 *79405 *79415
New York 87399
North Africa *8696 *70575
North Carolina 62505 62515
Northwestern States 95059
Norway *36182 *54293
Puerto Rico 8698
Southeastern States 79392
statistics 87527
Connecticut 70560
Maryland 87524
Texas 62538
Union of South Africa 87395
Washington 54245
Mexico 21634
microorganisms *8730
molds 8912
names 39735
New Jersey 39716
New Zealand 90504
Norway *20948
nutritive value 19574 55933 62533 62547 79372 80690 *19564 *26481 *28224 *38128 63948 *70593 *89062
Canada 36160
Norway *19586 *47008

Fruit--Cont.
orchards
appraisal 27879 80417
Australia 40769
France *71558
Germany *37674 *62662 *70675 *79538
Gt Brit 55558
management 1682 3032 12963 28742 29938 29939 39758 39787 56484 60417 65325 86193 86370 *12993 *57440 *57477 *57480 *65340 *65363 *71636 *90557
Australia 48734 74870
Belgium 30041
*13060 *20950 *30040 *39839 *57560 *65440 *82155
Germany *1613
Gt Brit 8612
Netherlands 57442 *39798 *39827 *90646
Norway *1784
U S S R *1634
Washington 39754
Mexico *88462
New York 70678
supplies 88841
U S S R *1630 *20861 *57450 *57455 *57550 *90565
packing 8784 8785 8790 8794 8796 8801 26560 70614 79456 79458 87450 *8795 *8797 *26603 *54337 *68783 *95083
Algeria *54338
Austria *54306
Belgum *36227
California 87461
Canada 8798
Denmark *8774
directories 70611
France *8738
Germany *26539 *45400
Gt Brit 36196 62570
Italy *45397
Netherlands *8783 *62567 *87313
New York 95086
North Africa *72052
Norway *8771
Pakistan 39714
peeling 26613
Pennsylvania 12928
pests 6641 19912 19934 34193 56387 60851 68620 68940 72585 85837 93729 93835 *11630 *11719 *16231 *16452 *16517 *16953 *24542 *24741 *25025 *38584 *52483 *52748 *68699 *77876 *77993 *78172 *85620 *89537 *93719 *93775 *93985
Algeria *43462
Austria *52081
California 68805
Canada 93442
Chile *16176
control 5945 6814 16251 16855 24418 28742 34459 43175 47397 52051 52115 52121 52132 60593 64339 64392 77219 93706 93891 *11655 *17020 *24377 *24400 *33885 *34174 *43220 *47364 *52670 *56370 *56446 *68475 *77214 *77975 *85358 *85381 *85382 *85405 *90650 *93437
Argentina *47457
Belgium *16203 *38574 *77225
Canada 6355 6775
Colorado 24403
Germany *33904 *33905 *43218 *52755 *61032
Italy *52655

Fruit--Cont.
pests--cont.
control--cont.
Netherlands *34464 *38631 *43193 *56394 *68471
Norway *313 *72542
Pennsylvania 24363
Sweden *60610
U S S R *5968 *33888 *60876
Virginia 60561
Czechoslovakia *43455
Denmark *68995
Finland *24933
Germany *16526 *24412 *24958 *33885 *34544 *52643 *52648 *52754 *72577 *93744
Gt Brit 24402
Hawaii 93907
Italy *52077 *65314
Japan 33854
Middle West 16205
Netherlands *5934 *6777 *17007 *38580 *60565 *85965 *94096
Norway *60596
Oregon 28809
Sweden *34294 *77650
U S S R *24745 *93759
Yugoslavia *16854
Philippines 12967
planting 20832 20834 29915 29948 39738 39743 73840 82170 90567 90618 90631 *20871 *20921 *39706 *39744 *39753 *39846 *48719 *82171 *90557
Belgium *1747 *30042
Germany *48733
Gt Brit 29930
Italy *20851 *29931 *29932 *39734
Morocco *73741
Netherlands *20929
Norway *12990 *39755
Spain *48718
Spanish Morocco 65342
U S S R *1723 *29916 *57573 *73752 *90636-*90638
policies and programs
Argentina *63948
Austria *70521
Europe 62477 *62478
Germany *26443
India 45268
Italy *18188 *18189
Spain *95035
U S S R *36119
pollination 39720 43358 48688 48714 48766 52271 85520 *1633 *1766 *20839 *21007 *29918 *39190 *43301 *43307 *43340 *57543 *60734 *73815 *73824 *77483 *77504 *77532 *85504
Portugal 57467
preharvest drop 48007 56882 57466 64853 *20360 *81556 *90033
preservation 8912 36297 86634 95133 *8884 *62609 *78831
Algeria *87477
Denmark *8823
Gt Brit 8888
India 90562
Netherlands *87313
Pakistan 54389
prices
California 95100
Canada 36250 94584
Germany *95094 *95097
Italy *45402
Netherlands *18300
Norway *8805 *45401
processed
Australia 62650

*Text of this reference is not in English.

Item

Fruit--Cont.
processed--cont.
grading and standardization 45391 79453 95080
marketing 45325 54302
quality 45452 54327 87441
regulation and inspection 36295
storage *45429
vitamins 95112
processing 8815 8909 26574 26602 45426 45452 45464 54355 70181 79456 79496 *8841 *18347 *36193 *36263 *54378 *70663 *87468 95130
Canada 45404
directories 36295 87514
equipment 26576 79479 79524 *17379
Gt Brit 95106 *70633
India 45450
Netherlands *8911
Pakistan 45434
research 70626 70520
Southeastern States 79392 79476
Sweden *62578
products 45300 54307 *7741 *25863 *35493 *35519 *35584 *61922
analysis and composition *62490
North Africa *18193
quality *79438
Tropics 70519
Union of South Africa 8614
propagation 57443 57471 65344 82168 *1623 *12985 *12996 *13053 *20856 *20865 *29920 *29936 *29961 *47858 *57461 *57535 *65321 *65349 *73820 *82154 *82162 *82180 *82212
Denmark *57539
Germany
Russian Zone *73763
Indonesia *13051
Netherlands *65415
New Zealand 20873
Sweden *48765
Switzerland *20860
U S S R *39715 *57566 *57570
pruning 1644 12963 12968 12977 20840 28750 29923 39702 48690 48702 48711 48730 48778 57467 73842 *1753 *13048 *20853 *29957 *29959 *29960 *30013 *39705 *39717 *39747 *39763 *48691 *48707 *57416 *57459 *57472 *57479 *57486 *65328 *65339 *65358 *65360 *65361 *65362 *65424 *73750 *73843 *82148 *90548 *90551 *90655
Argentina *48723
equipment 17301 25284 25307 61427 *17291 *44045
France *29937 *90619
Germany *39825
Gt Brit 20784
Italy *12953
Kansas 48699
Switzerland *65422
U S S R *57548 *57573 *57482
public relations 45364
purchasing 54243 61785 70557
quality 8766 8780 18242 36233 45351 62533 62547 70602 79449 *8758 *18291 *70593
Belgium *36227
Denmark *72063

Item

Fruit--Cont.
quality--cont.
Germany *26545
Netherlands *55856 *80625
Norway *45401
refrigeration 45365 62636 *8858 *26603 *26605 *36276 *36279 *45438 *54397 *62581
Algeria *18332 *26596 *54338 *54383
France *70619
Jamaica 8887
regulation and inspection 56369 79442
Argentina *55855
Germany *10940 *26545 *87445
Italy *55814
Oregon 79440 79451
research 1684 19722 70520 *12956 *82161 *90556
rootstocks 603 1643 57460 *1650 *1654 *12966 *20940 *29941 *30042 *39730 *39826 *57521 *57535 *65335 *73834 *90639 *90650
France *20859
Germany *30034
Italy *48695
Netherlands *1636
Norway *12976 *30024
Scandinavia *20940
Sweden *20930
Switzerland *20859 *20874
U S S R *57566
seeds 45943 *1654 *20848 *39729 *45946 *65429
set 65347 *39832 *39833
shows 8654 45277 73761 *36112 *82229
Belgium *36207
Germany *1649
Italy *95027
situation and outlook 8657 26465 45289 54205
Australia 36127 45291 70515
Czechoslovakia *18185
Denmark *18206
France *26453 *62475 *87328
Germany 54198 *8706 *26634 *54419 *62476 *70507 *79332 *79336 *79385
Gt Brit 18209 45287
India 26442
Italy *18190 *26449
Pennsylvania 8627
Switzerland *39760
U S S R *79345
soils 2546 2670 2845 13906 21701 30845 31032 40655 66308 *2675 *2724 *21760 *30952 *58236 *58305 *66356
Germany *2790 *13955
Illinois 58360
Japan *13970 *82875 *82876
Netherlands *13998
New Jersey 31249
New Zealand 2731
Norway *21681 *49757
Pakistan 40744
Pennsylvania 2668
Southeastern States 40626
U S S R *49544 *91268
Venezuela 66294
Spain *95020
spoilage 79521 95077
spraying and dusting 5986 16182 17396 19940 28964 33831 38559 38582 38599 44152 47368 47443 47582 52051 52082 56392 56399 56447 56483 64363 64374 69297 77207 81134 81154 81203 89527 93368 95073

Item

Fruit--Cont.
spraying and dusting--cont.
*377 *6208 *19952 *28797 *38614 *42699 *47359 *47431 *47432 *53151 *56507 *60991 *64316 *64373 *64389 *72764 *81133 *81306 *89946 *93391 *93476 *93489
Austria *47447
Belgium *16203 *38575 *64341
Canada 11681 89536
Delaware 38620 38621 64387
Denmark *328 *52089
Eastern States 56384
equipment 7181 78517 86325 86326 *7188 *34979 *44159 *78520 *86320
France *372 *56377
Germany *25408 *64360 *72573
Russian Zone *47383
Gt Brit 19950 38563
Italy *47434 *52655 *56361
Mississippi 85370
Netherlands *5955 *28819 *38578 *47360 *56417 *56476 *64333
New Jersey 56426
Norway *11643 *24377 *38570 *52239 *72542
Pennsylvania 19927 47357
seasonal 5945 *38605 *38629 *56400 *56435 *64352
Germany *33904 *72540
Russian Zone *38585
Gt Brit 19919
Italy *56440
Netherlands *38630 *43193
Sweden *364 *368
Switzerland *56365
Union of South Africa 11676
U S S R *39152
Washington 56455
spreading trees *1736 *20861 *29940 *90627 *90658
statistics 8930 18244 36310 87527
Australia 36303 62650
Florida 18354
France *54408
Germany *26634 *45481 *45482 *54419 *87525
Russian Zone *90553
Netherlands *8928 *95147
Norway *95148
Sweden *36306 *45469
Washington 45471
storage 8719 17494 26609 36285 54348 54384 57462 62602 62603 62622 70522 79518 79521 *8758 *8819 *8822 *8841 *8897 *8900 *8908 *18320 *26603 *36287 *36292 *44320 *45435 *45462 *79492 *95139
cold 8831 17496 45431 62596 62600 70658 *26579 *26618 *45397 *45405 *54354 *70659 *70660 *79529
Denmark *26579 *54354 *87491
diseases 26607 36297 *26477 *45413
gas 18319 45414 62596 95111 *8891 *26579 *79513
Germany *8892 *45421 *45436 *61488
Gt Brit 8910
Italy *45397
Japan *95127
Netherlands *8726 *8849 *26599
Norway *79501
Sweden 35132 *8813 *8828 *8893 *36260
Washington 54402

Item

Fruit--Cont.
study and teaching *38357 *73753
subsidies
Australia 62650
Sweden *1646 *65327
Switzerland *39709
thinning 20834 29943 29946 39703 39796 57464 *1679 *1745 *13032 *73833
chemical 39834 48074 48768 57485 *65316 *65333 *73830 *82203
Netherlands *1624 *65355
tillage *58391 *78428 *86238 *86239
trade 10946 80630 80631 95059 96089 *19509 *38056 *72069 *96093
Algeria *80619
Argentina *55855
Belgian Congo *72064
Belgium *19475 *96081
Denmark *72063 *88931
Europe 96089
France *72052
Germany *10940 *10966 *10969 *10985 *10986 *72051 *72057 *77809 *88963 *96094
Gt Brit 46948 *19467
Italy *11004 *54185 *55814 *55823 *55835 *63854
Mozambique *88985
Netherlands *10978 *10991 *55856 *55858 *80625 *80627
North Africa *63854 *72052
Portugal *63847
Spain *10966
Switzerland *19505
transportation 8719 26560 45363 45365 45368 45463 62533 79402 79412 87419 87423 *8858 *26605
Algeria *87386
by air 26509 54256 79390
by rail 79391 *8731 *87383 *95055
by truck 54272 79384
by water 79394
France *87386
Gt Brit 36211 87420
Tropics 1696 13029 70520 73795 *82180
Union of South Africa 90545
utilization 8835 79153 *62499
U S S R *369 *1711 *29928 *40342 *73779 *90599
varieties 12960 12970 12991 12995 13029 18222 39691 39712 39727 39751 48693 48694 48729 65353 65354 79410 82151 90567 *1665 *1771 *29947 *39832 *57461 *57543 *65326 *90564 *90651 *90668
Algeria *28517 *39708
Argentina *1666 *48651 *48712
Central America 39741
Colorado 20844
Costa Rica *12982
Denmark *18206
France *20863 *57441 *65323
Germany *20875 *90670
Russian Zone *39710 *90553
Gt Brit 20869 39838
Israel *57521
Italy *20867 *39713
Minnesota 29955
Netherlands 65318 *39687 *39822
New Caledonia *65329
New Mexico 39722
Northeastern States 12962

*Text of this reference is not in English.

Item

Fruit--Cont.
varieties--cont.
Oregon 57575
Pacific Northwest 48781
Pakistan 39737
Pennsylvania 39707
Réunion *57473 *82156
Tropics 8693
Union of South Africa 57504
U S S R *20862 *48791 *73838 *82169 *90653
Uruguay *82167
Washington 48701 48703
vitamins 80687 *11128 *38139 *87371
Washington 39739
waste 26494 36164 *75752 *79378
waxing *87370
weed control 30489 30517 30583 40265 40289 49241 57933 57979 65949 *38574
yields *48708 *73832 *82231
Germany *29962 *45480
Sweden *45469
U S S R *1645 *12952
See also Cover crops, orchard; names of fruits; and under Greenhouses.
Fruit flies 60945 93823 93891 *52498
See also Tephritidae.
Fruit Growers Supply Co 96047
Fruit Industry Committee 62462
Fruit tree leaf roller. See Archips argyrospila.
Frullania *73023 *89403
Frullania pittieri 89397
Frullania tunguraguana 89398
Fucaceae 39245
Fuchs 72181
Fuchsia 13169 40066 *30189
Bolivia 13171
California 13343
culture 13322 13410 13436 21142 30215 73942 90817 90840 90853 90906 *30189 *39976 *40065 *40147
Gt Brit 13433
hybrids 13379
Ireland 13214
New Zealand 13274
varieties 13311 74018 74088 90769 *39953 *90765
Fucus *28645
Fucus inflatus distichus 47328
Fucus serratus 20168
Fuels 7220 7327 35116 61526 69363 78688 *26957 *78680
Germany *37449
Italy *86335
taxation
France *18909 27338 46150 71276 88257
tractors 7231 7261 17433 25414 25430 25462 34993 44169 44220 69317 69497 78550 78682 86332 *17406 *17408 *25421 *25428 *25447 *35018 *35021 *44202 *86335 *94391
Sweden *7194 *78565
U S S R *25412 *25441 *31460 *35017 *86376
See also names of fuels; and under specific subjects.
Fulgora 6651
Fulgoroidea *16870
Fulleborn's method *42164
Fuller's earth 83763 *62940
Fulvarba n g *6754
Fumagillin 24554
Fumigants 5973 16249 16668 34253 34349 60624

Item

Fumigants--Cont.
85435 93371
hazards and safeguards 85464
tests 34232 68892
Fumigation 24830 28759 61505 *34473 *60586
See also Soils, sanitation; and under specific subjects.
Funaria hygrometrica 64259
Fungi 629 11609 19867 38346 47489 47602 56337 56345 56349 60916 64296 81110 81529 89803 *11585 *11597 *29215 *38405 *38537 *38653 *52906
anatomy and physiology 798 849 890 12326 12423 20296 20358 29312 29375 38907 47351 56503 56866 56870 64861 73123 81521 90102 90134 *386 *933 *12363 *81432 *90048
Angola *72500
aquatic 19891 56349 *81105
Austria *28715 *72506
Belgium *251 *252 *11615
biochemistry 1068 39221 39232 56968 56974 69725 81472 87581 89187 90178 *39250 *48141
Canada 11592
collecting and preserving 47349 64423 *11956 *47353
control 60794 64902 *386
coral atolls 11603
culture media 20071 39252 47517 56812 56981 81555 90060 *38 *78 *913 *12347 *56993
cultures 810 38539 80900 81107 81277 81308 *11873 *19982 *48126 *56335
cytology 681 38744 38942
Czechoslovakia 28708 *28672 *28713
dissemination 73276 89613 93438 *6866
ecology 629 632 646 2624 12058
edible *38527 *56347 *72485
entomogenous 6675 19865 19874 19989 28669 28695 33844 38654 61221 81118 81293 *28668 *38525 *52868 *72494 *93723 *93989
enzymes 9030
Europe *72479
Gt Brit
Scotland 89685
India 247 11602 28719 64147 72514 81112
Indiana 11588
Indonesia 72468 89603
Iran *72477
Japan *261 *28711 *47346 *81123
Louisiana 28704
luminescent 48162
France *19890 *47347
genetics 64669 81503
Germany *88 *245 *276 *28670 *64303 *89442 *89454
Gold Coast 38528
Gt Brit 11591 19876 89446
Hungary *81081
Malaysia 81094
Pakistan 72464 72465
parasitic 11611 43821 72478 *81084
pathogenic
to livestock 15168 23651
to plants 11806 *446 *20045 *47572

Item

Fungi--Cont.
physiologic specialization 822 19965 38669 56482 64407 72699 *477 *28849 *47579 *64517
Portugal *28671 *72471
research 248 514
Scotland 254 11582 89685
South Pacific area 28682
surveys 30 11403 47170 64109 72284 89236
Sweden *47339
Switzerland *19889
taxonomy 257 275 279 11593 11606 11608 72501 72523 81089 *242 *11599 *28706 *38529 *72505 *72521 *81119
toxicity 94560 *56347 *72482 *72485
Turkey *81084
U S S R *38517
Wisconsin 72478
wood-destroying 3612 3613 3618 11938 14809 28869 31972 31974 31989 39221 41631 50478 58842 58979 72667 72754 90102 *78 *28766 *28907 *31982 *31983 *34499 *38524 *38725 *47516 *50361 *50474 *58848 *58969 *58970 *58990 *67101 *72658 *89576 *92012
Germany *89620
Sweden *28831 *60856
U S S R *41398 *41426 *56531
See also Mildew; Molds; Mycology; Mycorhiza; and names of fungi and fungus diseases.
Fungicides 398 401 480 517 11766 11791 11910 11950 16216 19984 20067 20068 21406 26325 28850 28869 28926 28940 28950 31989 35384 38638 38679 47486 47505 47519 47594 48679 56483 64426 64527 72624 72660 72662 72664 72702 72794 74906 81156 81164 81185 85413 93494 98476 *305 *11800 *20000 *28752 *28811 *38607 *47529 *56450 *56556 *60530 *64513 *72591 *72606 *72671 *72680 *77185 *81197 *81222 *81224 *89521
adjuvants *28880 *60637
analysis and composition 414 16300 19985 55983 72789 83153 89519 *11740 *56464
Australia 56359
Belgium *80706
Brazil *52047
chemistry 19993
compatability 6062
Denmark *361
effects on fruit 62601
effects on insects *16475
effects on plants 972 47903 72570 74470 90481 *16189 *29358 *39129 *56782 *72741
Europe 66712
France *515 *19973
hazards and safeguards 24440 38658 89507
Illinois 38733
Italy 11774
Netherlands *38671
New Zealand 19920
organic 11809 11908 28899 89604 *456 *38735 *72715 *89653

Item

Fungicides--Cont.
prices *64325
regulation and inspection 55967 *56449
Denmark *64329
Finland 11798
Germany
Russian Zone *47441
Sweden 16168
Venezuela *81196
research 18594 28858 47542 *16241
residues 94568
situation and outlook 24454 50050
systemic 38750
tests 428 436 504 11844 19906 20066 28962 38694 38710 38729 47399 47462 47488 56498 56513 56542 56565 64447 81207 89504 89634 89637 89654 89660 *14803 *28922 *28938 *38720 *38731 *47408 *67101 *89643
Norway *47504
statistical methods 16270
Sweden *19962 *21987
U S S R *72757
toxicity 33947
bees *16327 *60711
man and animals 93516 *93546
poultry *77298
U S S R *72681
Fungicidin 56164
Fungivoridae 16744 43508 43553 52519 77862 77902
Funk Bros Seed Co 56142
Fur-bearing animals 59904
Canada 87819
care *15647 *59899 *67864
Denmark *51447
farms and ranches *51449
Canada 59898
Denmark *18497 *76606
Greenland *15639
Scandinavia *4980
U S S R *32984
*32989 *32991 *32993 *35052 *59900
feeding and nutrition 22850 26285 32975 42409 67858 *92779
Denmark *67859
Germany *51437
Norway *42410
Sweden *67857
U S S R *32965
Germany *4973
habits and behavior *51450
housing *69394
industry 51445
Canada 59897 79664
Germany *26794 *26816 *36511
Oregon 92789
labor *37198 *46188
legal aspects
Denmark *10304 *45627
Germany *59901
Norway *45625
parasites 6370
poisoning *15629 *84580
pregnancy 51432
research *15646
sanitation 84588
shows *51448
Sweden *76607
taxation 55075 71281
See also names of animals.
Furamon. See Furfuryl trimethylammonium iodide.
Furfural 26743 78913 *8956 *36328 *41555 *46036
Furfuryl trimethylammonium iodide *4129

*Text of this reference is not in English.

Item

Furniture 9791 56069 59041 59042 75569 75570 83594 92083 *22628 *50521
Brazil *22631
finishing 22629 41497 67145 75568 75572 92081 92082
Finland 75571
France *59039
maintenance and repair 47074 47075 56046 56048 56071 75572
manufacture 59040 67147 67148 *32055
Germany *59043 *59044
Gt Brit *14882
Itlay *67067
Pacific Coast 67146
Southern States 14881
Sweden *14882
pests *93805
Furs 47072
chinchilla 36575 42423
cooperatives
Germany *26831
coypu 4981 *9291 *42421 *62792
fox *4959 *36511 *36571 *36580
Karakul sheep 51782 *24134 *33542 *33570 *33580 *36639 *54616 *54674 *60331 *62837 *79673 *79674 *79734 *87806
marketing 9291 *26835 *36590 *79702
mink 18592 *4970 *62878 *70872
pests *77226
prices *26867
processing *18592 *36666 *62878
quality 18564 *32990
rabbit 5558 33515 *36506 *62783
raccoon
Germany *9286 *76605
trade
Norway *55866
Sweden *38052
U S S R *55837
Furunculosis *84349
Fusaric acid *28874
Fusarium 38696 74490 *58537 *72652
anatomy and physiology 48064 81633
Anethum graveolens 47525
Australia 465
beans 47599
Brazil *47496
broadbeans *20058
cabbage 81633
Canada 56508
chickpea *47541
control *38731
cotton 64504 72762
cowpeas 64440 72683
Cruciferae 64407
Dianthus 38678 38759 47606 72689
Gladiolus 11851 11852 72749
grain 56508 72630 *19991
grasses *19991
guava 56544
India 2622 56356
muskmelons 11846 81633
Opuntia ficus indica *38730
Passiflora edulis 64477
peas 19986 *47575
Pinus *64437 *72681
potatoes 520 11870 *20030 *64443 *72680
rice *38743
rye *47560
sugarcane 89585
sweetpotatoes 72679

Fusarium--Cont. Item
tobacco *415
tomatoes 19997 28912 72677 72709 81633 89586
watermelons 11846
Fusarium annulatum *47334
Fusarium coeruleum 89677
Fusarium cubense 20057
Fusarium culmorum *11901 *73331
Fusarium lini 1036
Fusarium lycopersici *28874 *28876
Fusarium moniliforme 89641 *11861 *47590 *72778
Fusarium nivale *20011 *38723
Fusarium niveum 72771
Fusarium orthoceras pisi 28861
Fusarium oxysporum 19992 *47465
Fusarium oxysporum conglutinans 89588
Fusarium oxysporum cubense 64763
Fusarium oxysporum gladioli 482
Fusarium oxysporum narcissi 89627
Fusarium oxysporum nicotianae 20028
Fusarium solani 39063
Fusarium udum 72783
Fusarium vasinfectum *56776 *81235 *89619
Fusarium xylarioides *11902 *81226
Fusel oil 94648 *95330
Fusicladium *11880 *56546 *81279 *89625
Fusicladium cerasi *89623
Fusicladium dendriticum *11832
Fusicladium dendriticum eriobotryae *11823
Fusicoccum 72464
Future Farmers of America 19375 28023 28069 28083 31401 46847 55762 55783 63821 80550 80556 83100 88863
accident prevention 6933
activities 46861 55754 63813
camps 46829
cattle 32826 76490 84435
contests 36533
cooperatives 10914 45842 45873
electricity 69473
fire prevention 6933
finance 28061
forestry 14354
health and safety 78305
Kansas 71938
livestock 50943
North Carolina 62806
Oklahoma 80564
programs 10926 96049
public relations 80548
rabbits 85032
seeds 45937
sheep 24198
soil conservation 3034
swine 77151
Wyoming 80558
Future Farmers of Japan 19428
Future Farmers of the Philippines 46751 63805
Future Homemakers of America 88897
Futures trading 53450 53467 61743
Fyens Ägexport/Poul Rützou & Co *63870

Item
G L F Exchange. See Cooperative Grange League Federation Exchange.
Gabruis *68701
Gabruis appendiculatus *68701
Gahrliepia 93733
Gahrliepiinae n n 93733
Galactomannan 88016
Galactose 20228 29163 64787 67597
Galacturonic acid *46035
Galeola altissima *21150
Galeopsis 47825 73055
Galeopsis speciosa *57973
Galeopsis tetrahit 57921
Galepsus *52847
Galicia Estación de Viticultura y Enologia *13087
Galinsoga *47214
Galium *115 *65970 *73028 *91046
Galium incanum *47702
Galium tricorne *38910
Gall bladder 5589 84527 *15588 *92351
Gall insects 16849 24354 34531 43525 61123 77236 78053 94049 *33824 *81194 *85722
Gt Brit 33816 77176
Netherlands 5877
Gall midges, See Itonididae.
Gall mites *34202
Galleria mellonella 25062 43818 *24593 *43744 *78062 *78149 *78152
anatomy and physiology *61149 *78139 *78169 *85997
control 60703 68941 *60656
Galli-Mainini test *41879 *92331
Gallinal A *47055
Gamasidae *6377
Gamasomorpha 77631
Gambia Dept of Development and Agriculture 89082
Gambier *79752 *87802
Game 6067 18827 *31761
Gamma rays 6577 66103
effects on insects 60988
effects on livestock 67429 67925
effects on plants 20328 20330 20399
Gammarotettix 6882
Gammaverm-Serag *23511
Gammexane. See Benzene hexachloride.
Ganenko V M *33959
Gangrene *22918 *59665
Ganoderma 28917
Garbage
disposal 7404 35294 69501
feed 4513 5769 33666
fertilizers 74957 83179 *66749 *81372 *91537 *91539
Garden City (Kans) Co-op Exchange 9022
Garden Club of New Jersey 1953
Garden pools 1897 30195 57634 *2072 *13141 *39926 *40083 *74051 *82412
Garden webworm. See Loxostege similalis.
Gardenia 21216 30373 73914
Gardenia jasminoides 49045
Gardenia thunbergia 82331
Gardens and gardening 1545 1556 1571 1585 2878 12939 13338 21044 21049 21071 21106 21110 21178 21183 21639 29895 39653 39656 39690 39692 40089 48679 48964 49103 57406 57437 57659 57668 57744

Item
Gardens and gardening--Cont. 57761 65638 72321 73952 82369 89984 90516 90532 90724 *863 *1551 *1552 *1555 *1621 *1936 *12501 *12913 *12920 *12934 *20803 *20808 *21171 *25528 *48682 *57429 *57430 *57433 *74027 *82139 *90508 *90831 *90884
advisory services *12918 *48665
Arizona 1550
associations 1574 13297 46615 65292
Austria *54187
Norway *1607
Ohio 39679
Australia 1577 20792 29883
Belgium *90849
California 89207
Canada 30178
China 57657
conferences and congresses
Austria *20827
Denmark *1618 *12898 *12927 *30232 *57404
desert areas 48653
diseases 308 47460 *56420
Ecuador *29900 *39681
equipment 17299 25295 25301 25306 61418 69178 *7060 *17312 *44047 *44059 *53041 *69195 *69196 *86233
Gt Brit 7063 69133
Netherlands *69125
fertilizers *13897
Florida 30360
for the blind 13400 *82133
France *1609 *1952 *2127 *57731 *65589
Georgia 82143
Germany *1578 *12897 *12935 *20825 *20797 *20826 *29898 *35425 *55092 *61897 *65769 *71873 *73720 *82142 *90526 *90879
Gt Brit 1581 2012 2081 13183 21219 30224 30242 30340 39663 40024 48680 57415 57428 57710 65282 65304 65650 65739 73714 73722 90864 *38354 *57762
Scotland 21279
Hawaii 90894
history 49094 *48678
Denmark *90528
Germany *65667
Gt Brit *20824
Norway *56038
home 12942 12983 12992 82126
Iceland *48659
India 29901
Ireland 1927 1943
irrigation 91418 94494
Italy 13352 82321
Kenya 74094
legal aspects *80151
Maryland 1900
miniature 21176 30162 30200 39927 74009 *13296 *48971
Monaco *1891
Netherlands *1979 *2043 *13141 *65296 *80151
New Mexico 1568
New York 39671 39678 57420
New Zealand 29896 39701 48672 65370 82136 *12912
North Africa *90518
North Carolina 57421
Norway *1572 *1617 *12936 *48665 *73712 *80111

*Text of this reference is not in English.

Item

Gardens and gardening--Cont.
Oregon 90793
Orient 48933
ornamental 71201 90784
Pacific Northwest 13350
pests 308 43483 47460
60569 68449 *343 *33903
Argentina *24424
Belgium *68686
control 24382 43213
68382 77213 77254
Denmark *56420
planning 12983 12992
21118 21162 21195 30216
39655 48966 48991 49056
49057 90213
Poland *39694
Rhode Island 1957
school and community *90524
Africa 29907
El Salvador *90916
Germany 65747 73734
Netherlands *74016
Norway *2103
seasonal 12915 13348
21100
soils 40617 40663 49665
49796 58210 58282 66289
66594 66600
Southern States 21094 30209
Spain *30287
study and teaching *12927
*71346
Austria *1576
Denmark *12910 *12924
Germany *65308
Norway *1598 *73717
Switzerland *29884
Sweden *1560 *1961 *30244
*57423 *74055
Switzerland *57644
Turkey 40116
Union of South Africa 1614
Uruguay *48662
Virginia 65628 82368
Washington 57407
weed control 13384
*2357 *2360 *13642 *21408
*66002
West Africa 29880
West Coast 82432
See also Allotment gardens; Botanic gardens; Flowers; Fruit; Greenhouses; Landscape gardening; Ornamental plants; Rock gardens; Soilless culture; Vegetables; Wall gardens; Window gardens; and under 4-H Clubs.
Garlic 8625
anatomy and physiology *20163 *72991
biochemistry 20381 26489
38783
Brazil *61962
culture 2461 *66041
Argentina *13669
Brazil *57997 *90960
France *74352
U S S R *58045 *58046
diseases 38593
genetics *47874
in literature *30640
therapeutic use *57999
*59949 *67415 *67683
varieties 74367 *82607
wild 21403 39088 57960
65403 65950 65980
Garmania n g *77640
Garst R 59575
Gartner's bacillus. See Salmonella enteritidis.
Gas-masks 24444
Gas phlegmon 59707
Gas storage. See subhead storage, gas under specific subjects.

Item

Gases 78789
effects on plants *867
effects on insects *34030
in soils *21638 *49449
Gasoline 78688
Gassner G *56020
Gasteromycetes 28702 28714
47341
Gasterophilus *34323
Gasterophilus intestinalis 59975
Gasterophilus nasalis 59975
Gasterophilus pecorum *6515
Gasteruption 6709
Gastrallus indicus 6484
Gastric fistula *5076
Gastrodia *72433
Gastroenteritis
cattle 32774 67670
chinchilla 4968
dogs 15583 51368
sheep *93155
swine 24315 60452 68344
85229 *5799 *33724
Gastrophilus. See Gasterophilus.
Gates 53327
Gauchos 71848
Gaultheria 13259
Gautieria *72520
Gaylord Container Corporation 91926
Gaylussacia brachycera 72406
Gazania splendens *30315
Gears *25384
Geaster *11590 *28675
Geaster striatum *277
Geastrum 56331
Geaya *68596
Geese 5426 5481 24011
68148 68155 *5513 *36815
*60242
anatomy and physiology *60185
breeding 15735 42555
60018 84751 *5142 *67971
breeds 15730 42518 42555
51530 84794 *60009
Canada 68066
Pilgrim 51525
Toulouse 33244
Canada *95374
care 5460 5469 42518
42784 51692 93088 *84996
France *51730
Germany
Russian Zone *84991
Spain *60189
U S S R *93050
Denmark *5456 *5501
diseases *5335
dressing 9552 36773
62976
enclosures 15902
Europe 15917
farms and ranches 24040
93090 93109
feeding and nutrition 33244
*84824 *84996 *92958
pasture and range 40256
40262 40293 57910 57913
57942 60089 82546 92977
France 33244 *51548
Germany *24064
hatching 24058 60246
93045 *23998 *33481
judging *5456
marketing 62976
*95374
parasites 68051 68066
76821 93001
poisoning 23948 *33291
products *60242
records and testing *5142
sexing 42722 *42823
shows *5501

Item

Geese--Cont.
See also names of anatomical parts, diseases, parasites, and products; and under Blood.
Gegenes pumilio *61188
Geigy 33. See DDT.
Geisenheim Forschungsstelle *52299
Geissanthus *72372
Geissois 56245
Geissomeria 89352
Geitonoplesium *28602
Gelasinospora *38536
Gelatin 59552 *36678 *62869
Gelechia *85975
Gelders-Overijasselse Cooperatie voor Slachtvee, Fokvee and Gebruiksvee *51290
Gelechiidae 6823 61171
Gelidiaceae *28646
Gelidium 64295
Gelis *78006
Gelis corruptor *94011
Gelis faunus *94011
Gelonium multiflorum 12113
Gelsemium sempervirens 49045
Gembloux Centre de Recherches Agronomiques *29517
Gembloux Institut Agronomique *29517
Gemylus 68644
General adaptation syndrome *92249
General Mills 69576
General Mortgage Bank of Palestine 88189
Genes 11999 20211 20233
20240 38979 52534 63984
73042 73049 73051 73064
89085 *38989 *38997
animals 23746
insects 16610 34013 43309
52548 60897 60898 68727
69020 77866 77905 93853
*78085 *78239
plants 11788 12225 20341
29171 29179 29189 38967
38991 47812 47872 73057
73067 81468 81481 81484
81485 81487 81488 81500
81518 89894 *12201 *47826
*64685 *73083 *73087
Genetics 19596 19600 24533
32491 38159 41665 55965
80714 80738 80739 96165
*11179 *15038 *28275 *63994
*72152 *80735 *80744
Germany
Russian Zone *60517
research *11326
statistical methods 12210
64667 *80723
U S S R 38153 47845 80722
*22772 *60517 *80727
See also Chromosomes; Cytology; Genes; Heterosis; and under names of animals, insects, and plants.
Geniocerus 34508
Genista *12081 *66055
Genistein 35878
Genlisea africana *23105
Gent Université *36015
Gentiana 1896 65642 65643
72425 89870 *21425 *89298
Gentiana crinita 90811
Gentiana puctata concolor *72365
Gentiana tenella *64212
Gentiana verna *38445
Gentianaceae 11463
Genuchinus 52490

Item

Geobotany 655 *634
*89222 *89241 *89248 *89252
Geography 7418 10558
37633 80379 *53388
Australia 7428 10096
Canada 37707
Georgia 7429
Mediterranean Region *45799
Netherlands *88385
Pacific Region 55560
Samoa 37358
U S S R *10170
bibliographies 72179
See also Regions.
Geogrichum candidum 62082
Geology 34403
Geometridae *6828 *17003
*34604
food and host plants *17013
Germany *78076
South America 43847
U S S R *78129
Geonemus *60823
Geophilus 16481
Geophilus huronicus 16484
Geophilus longicornis 16484
George H 37160 37168
80412
George Washington National Forest 31774
Georgia Agricultural Experiment Station 96241
Georgia Coastal Plain Experiment Station 32786
75978 96207
reports 11325
Georgia Dept of Entomology 52085
Georgia Institute of Technology 45213
Georgia-Pacific Plywood Co 50504
Georgia University College of Agriculture 28364 96241
School of Veterinary Medicine 5392
Geotrichum candidum 35683
62079
Geotropism *930
Geotrupes 6480 68710
Geotrupes chalybaeus Le Conte. See Geotrupes profundus.
Geotrupes profundus n n 77723
Geotrupes sterocrarius 85624
Geracodes 86081
Geraeus *16568
Geranium 28574 48908
48979 65630
culture 30665 57630
diseases 38761
hardness 49067
varieties 65782 73934
See also Pelargonium.
Geranium oil 30665
Gerber N *11253
Gerber test 7989 8001
*17892 *25987 *86910
Gerbera 11871 52788 90761
*40038 *47465
Gerbera jamesonii 21130
Germany Biologische Bundesanstalt Institut für Weinbau *65480
Germany Bundesministerium für Ernährung Landwirtschaft und Forsten *80620
Germany Reichsnährstand *69526
Germany Tiergesundheitsamt *59326
Germicides 7635 8244
55992 *9369 *36675 *45726
*50922 *54679 *62883 *62884
*79762 *87809
Gerridae 16835
Gerronema n g 11606

*Text of this reference is not in English.

Item
Gertz O *19646
Gesellschaft Deutscher Chemiker *17571
Gesneria 82408
Gestation. See subhead pregnancy under Livestock, and names of animals.
Geta M I *20764
Geum coccineum X rivale 29153
Gevuina avellana *79825
Gezira Research Farm Sudan 4772
Gezira Scheme 37297 56103
Ghee 8305 26009 69984
See also Butter oil.
Ghent Veeartsenijschool Comite voor Steriliteits-bestrijding *4306
Giaginskii Gossortouchastok *12587
Giant foxtail. See Setaria faberii.
Gibbaeum
anatomy and physiology 12126
Gibbera *47348
Gibberella 72474
Gibberella saubinetii *28920 *70760
Gibberella zeae 81261
Gibbium psylloides 60832
Giberellulina *28671
Gid. See Staggers.
Gide C *88628
Gigantodax horcotiani *24882
Gigantodax wittmeri *24882
Gilbert Sir J H 38234
Gilmer-Aikin laws 63751
Gilmore Louisiana-Florida Sugar Manual 18789
Gilpinia hercyniae. See Diprion hercyniae.
Ginger. See Zingiber.
Ginkgo 49105
Ginkgo biloba 28535 49104 *90878
Ginsiella n g 34508
Giornata del Pioppo *31521
Giovagnoni G *41865
Gladiolus 13354 21145 30298 40141 65575 71193
abnormalities *64615
anatomy and physiology 12251 20312 20371 20372 *29296 *81604 *81740
associations 65678 65679
Australia 82405
breeding 13357 65565 72581 73910 73961 82322 82359 90792 90867 *74095
culture 13342 39933 39967 40043 49034 49055 49119 65564 65568 65680 66457 73916 82323 82377 82386 82419 82420
Florida 65627
Gt Brit 13264
Wisconsin 57729
diseases 384 436 455 482 11705 11739 11804 11850-11852 38640 38797 38798 47619 56448 72547 72581 72599 72749 81270
equipment 7150
Gt Brit 49122
hardiness 65528 *74095
history 65620 65736
hybrids 13210 65615 65676 65734 90770
judging 82314 82315
Kentucky 82341
Massachusetts 30202
pests 17172 17181 56448 72599
Gladiolus--Cont.
research 21134
seeds 65569 65662
soils 13961
varieties 2065 21069 21081 21144 21163 30356 39957 40046 40059 48923 48935 48973 49033 65496 65503 65516 65537 65576 65670 65681 73960 74048 82385 82396 90846 *48948
weed control 2359 21344 57947 65941 65967 65971
Glanders *33041 *42487 *51493
guinea pigs *33099
horses *23618
man *42487
Glands 9214
chilopods 85547
insects 43866 *16913 *34268 *34592 *34684
isopods 43387 68606
See also names of glands.
Glanvile E 38195 47032
Glass 17453 35111 69434 *35840 *35862
textiles 59026
See also under Containers; Equipment.
Glassine 3717
Glauber's salt. See Sodium sulfate.
Glaucoma 67845
Glavnyi Turkmenskii Kanal *22142 *22152 *47118
Glecoma hederacea *13157
Gleditsia 57748 91677 *75313 *81009
Gleditsia triacanthos inermis *56126
Glenea *6420 *85621
Glenochrysa 34707
Glenwood State School 19539
Glesinger Coming Age of Wood 14815
Gliadin *95180
Glipostenoda n g *6434
Gliricola *25148
Globicornis nigripes *77725
Globidium gilruthi 24181
Globin *59964
Globipes *68622
Globulins 76370
Gloeohaustoriales *19878
Gloeosporium 64486 81225
Gloeosporium anthocephali 38700
Gloeosporium nervisequum *11750 *56561
Gloeosporium olivarum *11862 *11863 *90047
Gloeosporium quercinum *81287
Gloeosporium ulmicolum 81205
Gloeotulasnella 28704
Glomerella 269 90133 *28852
genetics 12209 29171 29189 81622
Glomerella cingulata 11916 89823 *38656 *56557
Glomeris marginata *77651
Gloriosa 38935
Glorybind. See Convolvulus arvensis.
Glossina 24847 85777
Africa 34352 85758 85765
and disease 76407 83833 85706
Belgian Congo *52591 *93864
Cameroun *6559
control 60987
Mozambique 94512
Ruanda-Urundi *93864
Southern Rhodesia 52588
Item
Glossina brevipalpis *24851
Glossina caliginea *6565 *60970 *93895 *93896
Glossina(fusca group) *85740
Glossina medicorum 60953
Glossina palpalis 6571 24865 *85770
Glossina palpalis fuscipes 6521
Glossina vanhoofi *85740
Glossotrophia 78208
Glottiphyllum *30184
Gloxinia. See Sinningia.
Gluchtchenko 49
Glucides 79934 *19559 *48152
effects on plants *56691
in plants *35221 *39246 *48049 *70525 *90174
Glucoalkaloids *56990 *56991 *64898 *90173
Glucose 1068 12303 16024 16028 63898 67597 73166 79611 *27127 *27131 *63132 *71150
chemistry 27157
determination 9686
in animal physiology 68256 85266 *32255
in blood *4927
in cattle nutrition 51210
in food processing 7627
in honey *95209
in plants 1055 81579 *90030
in poultry physiology 51601
in rumen 5670 5671
in semen 84148
manufacture 87573
oxidation 69631
therapeutic use 51234 *32323
utilization 32531
Glucose-1,6-diphosphate 29453
Glucosides 29471 29488 81719 81756 87360 *64901 *94519
in plants *12550 *48180 *90166
Glue. See Adhesives.
Glumiflorae *89258
Gluta *89297
Glutamic acid 87754 *18803 *36955
Glutamine 814 12241 *12553 *90163
Glutamyl transphorase 1037
Glutathione 12536 24657 *81714 *81715 *81778
effects on plants 81628
in blood 67647
in plants *20412 *56932-*56934 *73282
Gluten 3954 70722 87529 *19584 *45540
Glycemia 67614 *68235
Glyceria 47241
Glyceria fluitans 38459
Glycerides 36711 45782 54598 54702 62898 70938 70954 79007 95361 *70988
Glycerine. See Glycerol.
Glycerol 17639 76999 *4095 *41856 *69834
Glycerol monostearate 15434
Glycine 23858 32242 51635 64857 72818 76727 *6889
Glycocol. See Glycine.
Glycogen 5340 33355 *34415
Glycolic acid 64857
Glycols *87901
Glycolysis *23611
Glycyrrhiza *49360
bibliographies *70625
Glyoxylic acid *56962
Glyphotaelius *94203
Glyphotmethis n g *34648
Item
Glyptostrobus *22200
Glyptotendipes lobiferus 6520
Gmelina 47260 *64189
Gnathostoma spinigerum 76553
Gnathotrichus *77778
Gnetum *81000
Gnetum africanum *38427
Gnoma 52433
Gnomonia 47761
Gnomonia fragariae 56319
Gnomonia veneta 56551
Gnophomyia 52497
Gnophos *86016
Gnorimoschema gallaesolidaginis 94049
Gnorimoschema operculella 6798 34608 43830 52826 *6753 *16978 *52700 *85935
Goats 5705 68276 77032 85170 *24220
abnormalities 16020 *93176
advertising 45676
Africa 32469
age 15999 *85125
anatomy and physiology 5656 15999 42066 76999 *33608 *42938
Arabia 33624
Argentina *45606
breeding 51778 60320 76957 76972 92173 93132 *15964 *42915 *51780 *60306 *85060
Germany *33524 *60312
Gt Brit 33531 60307
hybridization 60320 *85043
Netherlands *60323
breeds 15979 33532 42896 93123 *85064
Angora *42900
Appenzell *24129
Granada 15970 *5632 *85036 *85054 *85065
Malaga *76971
Saanen *24129 *85061
Thuringian *33529
Toggenburg 60326 *24129 *76964 *85061
Touraine-Poitou-Berry *51859 *60309
Canada 5724 95235
care 24191 42980 51857 68255 77017 77023 *68279
Germany *51866 *68280 *68283
Gt Brit 33531
India 5722
Italy *5720
Norway 42992
Philippines 60379
color 33532 *85124
costs and returns 80350 *46458 *95840
dairy industry 25957 42989 86882 *42973 *94714
dehorning 24166 51832
diseases 24171 85118 *24167 *33597
farms and ranches 16031 42989 42995 *51861
Argentina *51872
Spain *85036
feeding and nutrition 24139 24141 42066 42924 42929 42932 42995 77017 85075 *24138
Germany *60339 *68280
Norway *93149
pasture and range 49313 82552 *3536 *3921 *85098 *93182
fertility *33533 *33552
France *51859
Germany *26792
Gt Brit 42976

*Text of this reference is not in English.

Item

Goats--Cont.
growth *85098 *93182
habits and behavior 77014
herd books 3840 60307
housing 78589
hybrids 15999
Italy *5720 *24129
judging 77034
lactation 24154 42941
85110 93160 *51847 *60387
marketing 45662 45676
meat production *60391
Mexico *42973
milk production 5706
33620 60377 68267 77017
77033 *76964 *77026
Australia 93123
effects of feeding 77014
*76209 *93149
Netherlands *93184
milking *4807
Netherlands *62788
parasites 24179 24181
85120 92607 *33603
parturition 33607 *5682
*5692 *33604 *51843 *60355
*76986
pests 17159 77629
pregnancy *5692 *33575
*60355 *60357
purchasing 45662
records and testing 5706
33646 60392
Gt Brit 68267
Netherlands *93184
Norway *51855
shows 77011 77034 93190
*85124
Sicily 15970
Spain 5673
surgery *93182
Switzerland 87729
Texas 3840
Union of South Africa *74892
Venezuela 15979
wild *43000
wool production
See also Kids; name of anatomical parts, diseases, parasites, and products; and under Anesthesia, Artificial insemination; Blood; Castration; Cesarian section; Fetus; 4-H Clubs; Semen; Spaying
Goat's milk 86899 *25343
*77026 *94705
analysis and composition
62061 86907 *8010 *60387
*76209 *86904 *86911 *93149
*94746
Canada 5724
feed 15361 43047
frozen 79140
Italy *26026
marketing 86953
nutritive value 46991 77014
80699 86907 *28222 *72145
*80651
Portugal *62048
proteins *76209
storage 79139 79140
vitamins 28215
Goat's milk cheese 45042
53942 87080 *70189 *70190
starters *26190
Goffe E R 96216
Goiter *4047
Gold Coast Dept of Agriculture 11167
Gold Coast Dept of Animal Health 83860
Gold Coast Dept of Co-operation 28071
Gold Coast Forestry Dept 66805
Gold salts 67823
Golden Guernsey 69919

Item

Golden Guernsey Advisory Council 69918
Goldenrod See Solidago.
Goldschmidt's law 13821
Goliathus *60822 *77656
Golubev B A *89105
Gomphidae 17151
Gomphrena celosioides 84688
Gomphrena globosa 596
Gonacrine. See Acriflavine.
Gonadotropins 84046 *67411
cattle 67717
effects on cattle *23100
*67605
effects on poultry *5399
effects on rabbits 15948
poultry 5361 33251
Gonads
cattle *41673
ducks *84927
poultry 42701 *23988 *93006
rabbits *41673
Gonatorrhodirella highlei 89443
Gonepteryx rhamni 17064
52799
Goniaulax polyedra *47326
Goniodes 52881
Goniogaster *6736
Goniopteris prolifera 29326
Gonipterus scutellatus 6502
Gonocephalum 52460
Gonocephalum planatum 93736
Gonolobus laevis 57954
Gonomyia 52497
Gonstylus 22549
Gonytrichum 19882
Gonystylus 64165
Goodman Lumber Co 31556
Goose eggs *23998 *34827
*71030
Goose livers 33244 *51730
*54788
Gooseberries *19824
abnormalities *56694
culture 21002
*20992 *65452
diseases 494 47556
56524 *20087 *38666 *89581
propagation 65479
spraying and dusting *11783
varieties *1858 *73880
Gophers 2896 11685 56649
72563
Gordius aquaticus *52432
Gordon Institute of Technology
Textile College 8506
Gorse. See Ulex.
Gorytes *52690 *52691
Gosibius 60758
Gosse W 56152
Gossypium. See Cotton.
Gossypium anomalum 89890
Gossypium gossypioides 38890
73043
Gossypium hirsutum 28549
81485
Gossypol 5580 9434 9469
33204 87844 *12523 *62956
Gossypurpurin 9468 54757
Gosudarstvennaîa Inspektsiîa po Kachestvu Semîan *57149
Gosudarstvennyĭ Nauchno-Kontrol'nyĭ Institut Veterinarnykh Preparatov *4102
*22903
Gotlands Läns Hushållningssällskap *96172
Gottlieb A E *26177
Gourds 39935 57649 74192
95143 *81638
Gout 33320 *5378
Government 10094 19309
administration 10180 55800
63698

Item

Government--Cont.
aid to agriculture 46259
55204 71240 71431 80183
95732
Alaska 63764
Australia 51082
Brazil *59273
France *19036 *71443
Germany *6649 *6688
Gt Brit
Wales 55302
Italy *10027
Netherlands *27572
Norway 37384 *7362
*10145
Philippines 55237
Sweden *7385 *51465
Texas 88354
Tunisia *14146
Union of South Africa *27553
aid to forestry 22266 *3224
Gt Brit *22145
Norway *3233 *14388
Sweden *31468
county 10793 55724 63754
94558
finance 63228
Indiana 46085 63754
Italy *9785 *27254
Morocco *37079 *55010
*55012
Germany *88832
India 27232
Kansas 80500
local
Canada 71901
France *71799
Germany *96019
Gt Brit 46692
Netherlands *63692
Virginia 88790
U S S R *37914
New England 8181
Oregon 55710
personnel 11314 38293
56095
bibliographies 28355
education and training
11313 11315 28354 38292
96009
Puerto Rico 80732
services 95964 *10028
*23450 *55012
State
directories 55325
See also Families, Government aid; Indemnities; Policies and programs; Politics; Subsidies; and names of government agencies.
Gracilosphya n g 68644
Gracilotillus *43467
Gracisybra n g 68644
Graders *22477
Grading and standardization
25671 44504 44509 69630
86598 *17625 *61795
research 44492
See also under specific subjects.
Grafting. See subheads propagation; rootstocks under Fruit; Plants; and names of plants.
Graham Breeding School 76141
Grain 9005
acreage and area
Germany *36317 *44627
India 95177
analysis and composition
26756 36405 45499 62322
68510 87608 95203 *8959
*9001 *9094 *9096 *9129
*18455 *26694 *26697 *62734
*70710 *70750 *79557
anatomy and physiology
48108 *883 *12302 *12465

Item

Grain--Cont.
anatomy and physiology--cont.
*29399 *38893 *47790 *47942
*47996 *48043 *56796 *56892
*62736 *64804 *73245 *81625
*81726 *89854 *89999 *90026
*90092
associations 45490
biochemistry *26719 *62719
*62736
breeding 65035 *12198
*20595 *26670 *29547 *39352
*81849
Austria *39368 *39406
Canada 39373 48283
81475
Germany *1243 *20521
*73388
North Africa *29516
Sweden 81821 *12631
care and handling 9069
18449 36339 52960 79574
87671 *45529 *87667
equipment 7011 9137
18411 26716
equipment *7158 *18430
chemistry 8942 26713
45516 70725 70766 *36402
*36430 *45522 *62683 *70694
*87539 *87575 *95155
cleaning *18447
equipment 9082 26711
34920 69262 79542 *9628
*27086 *78490 *94352 *95165
U S S R *7158 *25369
*34914 *34946 *44118 *44131
*44132 *61480 *61487 *61493
compulsory deliveries *27414
*36365
conferences and congresses
62672 62689 70316 70703
Germany *9007 *45486
*62683 *87575
contamination 8937 68510
87662 *9125 *70760 *87687
contests *29542
cooperatives 8988 9009
9022 18459 45507 45512
45583 45585 87642
Canada 9053
France *54444 *54445
Illinois 9133
Iowa 36353
costs and returns *27730
*37605
culture 1234 29579 *1190
*1258 *1268 *20489 *20584
*29220 *90223
Algeria *64968
Austria *1206 *73444
*90210
Canada 57114
Cyprus 29590
Denmark *57095 *90229
France *90280
Germany *49815 *81891
Hungary *1233
Ireland 64972
Israel *81875
Italy *1144 *1216 *1228
*1238 *1249 *1252 *20573
*29595 *48343 *73436 *81823
*81850 *87686
Montana 48305
Nebraska 57092
Netherlands 39394
*12607 *57144
New England 57045
Norway *57052
Sweden *12611 *12634
*12638 *29551 *64951 *90185
*90451
Tunisia *29630
Union of South Africa 57138
U S S R *1210 *20525
*20593 *39347 *57084
directories 26681 26682
54463 70718 79580

*Text of this reference is not in English.

Grain--Cont. Item
directories--cont.
Illinois 54456
Iowa 36353 45591
Oklahoma 8994 9014
54454
Wisconsin 18024
diseases 390 11833
12016 28763 28835 28870
47511 56870 64566 72630
72737 72745 73256 81312
89730 *523 *11759 *38698
*47469 *47495 *47509 *47514
*56511 *64417 *72472 *72685
*72905 *89657
Alaska 11840
Australia 469
Austria *47446
Canada 488 11771
56508 89676
Denmark *498 *19975
Finland *20037
Georgia 81263
Germany *19966
Minnesota 297
North Carolina 376
Norway *20013
Southeastern States 11639
Sweden *19991
Tennessee 64497
U S S R *19971 *56469
drying 9116 18373 36337
36394 45580 62692 70719
78483 79583 79588 79613
86291 94362 95184 *8944
*15117 *18384 *62675 *62687
*62712 *70747 *78472 *79566
*87594
equipment 7153 7154
7163 25344 25350 25366
34935 44121 53114 61469
61486 61491 69257 79562
86292 86299 94349 94362
*17381 *25358 *34916 *44135
*45517 *53112 *54473 *70683
*78463 *86293 *95174
U S S R *7158 *18746
*25354 *25369 *36422 *44132
*53104 *87570 *94360
Gt Brit 44120
Netherlands *45578
Norway *44108 *54428
enzymes 45575 70728
*87540
equipment *7065 *52951
exchanges 8934 36416
45563 62699 62750 70704
79606
Germany *54485 *54527
*70768
feed 4454 4463 4500
4525 8351 15768 15781
23224 23244 23253 23798
23828 23835 23856 24137
26282 26993 32617 32652
35885 41743 42061 42571
42601 42623 45088 51116
59570 62325 68019 68311
75808 76180 84209 84223
92567 *15338 *51935 *67857
Corn Belt 45090
Denmark *26293
Germany *45121 *45122
Spain *60103
fertilizers 13967 30890
30914 30922 30995 39393
40624 40681 40718 74633
82808 82863 *2744 *20316
*31036 *49619 *49657
Austria *49555 *58292
Italy *21794 *58261
Norway *49781 *58549
Sweden *48331
U S S R *21559 *40609
*40685 *40731 *58285
Wisconsin 13913

Grain--Cont. Item
flavor and odor 9112
*95208
forage plants 1461 73633
82852 *20658 *48320
U S S R *48469
fortification 72132 80698
France *78697
fumigation 16245 45097
60545 *5910 *6017 *24384
*33873 *34248
futures 62737
genetics 38993 81475
U S S R *752 *38975
*73065
germ *18401 *79592 *87615
*87616
Germany *12648 *70708
germination 81659 90250
90281 95161 *12473 *18455
*29638 *39398 *48252 *64596
*65033 *73305 *81618 *95164
grading and standardization
36443 48298 87586 95183
*18438 *54474 *70741 *79608
equipment 9082 *8997
*9006 *26675
harvesting 27373 57053
81824 *7133 *8950 *20596
*44076 *44092 *80085 *81842
*81878
equipment 34902 34931
44084 *7133 *17335 *17370
*69115 *78458 *86250 *86251
*86253 *86257 *86276 *86282
*86283 *94314
U S S R *34877 *34895
*44101 *86252
Germany *1207 *64964
*81845 *81888 *86249 *86274
Gt Brit 12684
U S S R *20561 *27380
*29525 *29594 *37188 *44087
*55105 *95683
history 8968 *62680
industry 36406
Argentina 62693
Canada 95160
directories 87585
France *9061
Germany *9007 *9055
*9136 *45544 *70765 *95195
Gt Brit 62711 87535
Italy *8938 *87633
Turkey *70758
injuries 41743 *28813 *39006
*72609
Iowa 1095
Italy *29596
Japan *73456
legislation
Gt Brit 8968
losses 9130 70753 *62669
marketing 8957 9032
9089 9111 18368 18369
26689 62679 62692 62709
70704 79586 79598 87556
*79623
Argentina 8955
Azores *8940
Canada 9090
Germany *95157
Gt Brit 9016
Israel 26703
statistics 36403 79616
Maryland 29598
milling and baking quality
*36312 *54506 *62718 *70750
moisture 36381 79620
87668 *8959 *8981 *9025
*9035 *9129 *9135 *18415
*45522 *54537 *62675 *62684
*79575
tests 26663 62735 94355
*8944 *8974 *26691 *48490
*78491 *87544 *87609 *87618
*87632 *87652

Grain--Cont. Item
molds 18376
Nebraska 12652 65013
Netherlands *20661
nutritive value *11130
packing 54464 *18384
pests 6452 25053 36405
43164 52090 68510 93426
*6358 *9885 *43180 *85590
Argentina *52857
Austria *47446
Belgium *24774
control 60541 68651
93375 93392 93459 93462
*5943 *5944 *5967 *6027
*16201 *36419 *68655 *77272
*77807 *85351 *85468
U S S R *34433 *77257
*77970
Cyprus 43827
Germany *33853 *34302
*43516 *52507
Greece *24762
planting 48312 73392 73421
90239 *20543 *20586 *20588
*48334
Argentina *20531
Denmark *1161
equipment *53046 *69206
*69217
Germany *64974 *66463
Italy *36455 *57105
New Zealand 1259
U S S R *12773 *20528
*38698 *48421 *57096 *57097
*57140 *86231
policies and programs 8975
79556 87569
France *70762
Germany *36362 *45551
Italy *70746
Spain *36379
U S S R *95188
pollen *39376
prices 36403 45496 62737
87649 *9135 *70741
Algeria *18389
Austria *62756
France *70762 *79552
Germany *36378 *45541
*70712 *87554 *87636 *95207
Italy *70739 *79563 *95162
Netherlands *45126 *54031
*54460 *54461 *54476
Sweden *95335
processing *8982 *36421
*36440 *45561 *45576 *54427
*54440 *54449 *54506 *62674
*62675 *62684 *62718 *70700
*70720 *79609 *87561 *87639
equipment 54490 54542
*18395 *18430 *25342 *53124
*69281 *86305 *87605 *87660
*87661 *94364
Germany *70699 *87542
Southeastern States 79560
products *62722 *95174
*62721 *69868 *79593 *79594
*87594
analysis and composition
*9087 *36450
feed 23251 *92949
grading and standardization
9117 *26735 *26738
moisture *8974 *79593
*79594
properties *18744 *87551
proteins 23244 30890
70766 87676 *1066 *9048
*20316 *49643 *79585
quality 95206 *9094 *20596
*26670 *26724 *36363 *45528
*45565 *49619 *54462 *54512
*54513 *62734
regulation and inspection
54475 62705 62744 *36315
*45494

Grain--Cont. Item
research 20582
Canada 62671 73396
Netherlands *45531 *57143
U S S R *12587
sanitation 9089 54432
54433 87638 87671
seeds 1271 20537 29527
39341 57282 65009 81873
95471 *73432 *79610
Canada 39336 87552
certified 1224 29580
48308 90224
U S S R *12590 *57149
cleaning
U S S R *57137
France *57100 *71096
Germany *54849 *54853
*71101
Gt Brit *12633
Italy *9126
Norway *20562 *48293
*54852
treatment 11748 11834
11835 28763 47356 47585
*11822 *11829 *28796 *39006
*39086 *89533
Netherlands *47553
Norway *28952
Sweden *380 *89473
U S S R *57137
Wisconsin 56471
U S S R *1135 *1182
*1248 *20600 *20609 *39348
*57103 *57108 *57147 *79896
*95470
vernalization *56958 *57137
situation and outlook 9067
9071 9077 18031 26717
26993 36326 36327 36358
62325 70697 79549 94912
*9059 *26639 *26643 *36407
*45525
Argentina 26705
Azores *8940
Canada 70696
Europe *45542
France *8965
Germany *9017 *18448
*26758 *45525 *45577 *54500
*62724 *62725 *70738 *79589
87600 *87681
Gt Brit 70691
Italy *8992 *26658 *36408
*36455 *45501 *54497 *54515
*87553 *87686
North Africa *18366
Pakistan 9079
Spain *8936
Texas 79222
Tunisia *36323
soils 13962 82854 *2626
*2799 *21827
spoilage 45500 79600
spontaneous combustion
18402 36414 *18442 *26729
spraying and dusting 34446
*77279
statistics 18372 18388
45505 79555 87679 95200
95202 95204 *9081 *79623
Argentina *8960
Belgium *87536
Canada 18375 18388
45510 95201
Germany *18396 *18460
*26701 *26758 *45509
India 95177
North Carolina 79577
Norway *54509
Spain *18452 *95197
storage 8951 8979 8986
9027 9091 9107 9131
9138 17502 18376 18458
36337 36381 36439 45097
45495 45584 54475 54494
54544 62692 62705 69450

*Text of this reference is not in English.

Item

Grain--Cont.
storage--cont.
69458 70719 70744 70751
78483 78640 79554 79564
79568 79603 79613 79621
86458 87547 87577 87578
*8950 *8962 *9035 *18415
*26644 *26719 *36366 *36400
*36430 *54427 *54506 *54537
*54546 *62669 *62718 *62719
*62729 *69221 *70761 *78472
*79632 *87659 *87688 *95198
Argentina 62693
Australia 18434
Azores *54434
Canada 36313
cooperatives 9018
*54510
Egypt 18449 *87667
equipment 7162 *8946
*9044 *9084 *25342 *44322
fire prevention 62676
France *70762
Georgia 78633
Germany *54495
Israel 26703
Japan *87607
Missouri 79607
Netherlands *45578
North Dakota 9019
Norway *44108 *54428
pests 6026 16206 24731
60606 93381 *18429 *24376
control 5925 5933
5983 5987 9131 16227
17060 24409 24423 24752
33880 60545 60608 77198
85401 85435 93419 *5910
*6017 *24384 *33873 *34240
*34248 *60586 *68478 *85415
*85428
Philippines 61644
sanitation 79597
South Dakota 54455
Southeastern States 79560
79622
Spain *36379
temperature 9139 *26710
*62731
Tropics 36439 45584
underground 87669
ventilation 18441
*9044 *9122 *26674 *62712
subsidies *70762
Switzerland *1193
taxation *9885
tests 9112 87586 *62665
*79575 *87551 *95208
Texas 87685
trade 72034 *45565 *70746
Brazil *28121
Canada 28119 55822
Europe *63865
France *10982
Germany *10982 *46947
Japan *64400
transportation 9069 9130
36372 54525 *45523 *60586
Canada 8990 87568
equipment 9037 *18444
*54467 *54488 *86282
U S S R 48289 57089
utilization 9021 9067
18404 45008 62753 *62680
*62721
varieties 1153 39329
39377 39393 48237 73393
81839 *29602 *79570
Australia 73415 73461
Austria *20578
Canada 39389 48321
57042 81837
Finland *20577 *39380
Germany *1188 *39332
Gt Brit 1227 12632
Italy *12654 *48344
Maine 48291

Item

Grain--Cont.
varieties--cont.
Nebraska 12608
Netherlands *21319 *81829
North Dakota 39395
Norway *39319 *48330
*64913
Sweden *48331
Texas 1138
U S S R *1254 *39353
Utah 65041
vitamins *18455 *26741
*45566
waste 30574 36364 41690
weed control 13536 30531
81523 *21365 *49309 *57973
*57976 *65962 *65976 *82549
*91065
Chile *13583
Denmark *65994
France *13543
Sicily *2411
U S S R *13587 *30543
*30600 *40314
weight and measurement
*8959 *9094 *9129 *26757
*57108
yields 38646 48320 81832
*49389
Arkansas 12686
Finland 29567 *20037
France *62701
Germany *1261 *9144
*36317 *39351 *45509
Norway *57052
Sweden 81821
Tunisia *36323
U S S R *48332 *58131
*81880
See also Grain elevators; Mills and milling; Pools, wheat; Threshing; names of grains; and under 4-H Clubs.
Grain and Feed Dealers National Association 9014
26681 54463 70718 79580
Grain elevators 26664 26716
54432 54433 62679 69453
85344 95185 95190 *26644
*36368
Argentina *9011
bibliographies 52993
Canada 9090 54423 87545
construction 8979 *26699
*26742
cooperatives 19435 36341
87590
directories 36354 45511
54455 55764
Germany *54495
Illinois 54503 54504
Ohio 78817
Philippines 61644 78646
Gram chickpea 47000 56675
73343 89599 89865 89885
89886
Graminella 61037
Grammadenia *72372
Grammatophyllum 13366
Grammicomyia 43557
Grammorhoe n g *17003
Grammostola *68595
Grand Coulee Dam 21870
Grandoriella *85598
Grandoriella lamasi *85898
Granosan 28910 *12379 *20048
*38714 *47494 *72799 *81259
*89666
Granuloma 42482 84274
*42710 *59947
Grape berry moth. See Polychrosis viteana.
Grape juice
analysis and composition
*8668 *35450
concentrated 54391 62593

Item

Grape juice--Cont.
dried 36163
France *87343
frozen concentrate 54405
79472 *8885
industry 26448
manufacture 54391 79508
*26569 *26583 *36271 *87475
marketing 95053 *25789
proteins *70542
quality 79446 *62487
Grape mealybug. See Pseudococcus maritimus.
Grapefruit 20452 82197
California 37573
diseases 826 12002
29013 *552
Florida 45361
injuries 28816
nutritive value 46984
preharvest drop 72588
quality 18246 36143 36229
rootstocks 826
storage 62647
Texas 36143
U S S R *29993
Grapefruit dimple. See Tristeza.
Grapefruit juice 36239 36298
54331
Grapes 57582 *1836 *20219
*82273 *87376
acreage and area
Germany *95146 *95917
Israel *62653
Italy *54410 *87329
Algeria *65451
analysis and composition
18229 54236 *17786 *18220
*18224 *18233 *35473 *62487
*78942 *79361
anatomy and physiology 981
12429 29311 29436 48030
73144 73300 *685 *787
*809 *910 *12383 *29128
*29304 *29344 *39099 *39111
*39142 *39145 *39217 *47788
*47991 *48008 *48035 *56819
*56868 *56936 *64735 *64807
*81550 *81607 *89878 *89924
*89968 *89969 *90113
Argentina *12383
associations *36096 *54189
Australia 1615
bibliographies 53682
Brazil *27660
breeding 740 73892
*767 *1817 *1820 *1833
*1834 *13102 *13124 *21003
*30077
California 57577
conferences and congresses
*30123 *61918 *61919
consumer preferences 18241
containers 87457
contamination *53674
cooling 87456
costs and returns *7720
*25789 *78909
Australia 37616
California 27713
France *63559
Italy *19176 *27598 *71649
*95875
Portugal *27718
Sicily *37613
credit *80038
culture 1807 2854 57613
*1794 *1802 *1809 *1822
*1823 *1853 *1855 *12951
*13126 *13129 *13951 *18288
*20967 *20975 *20988 *30055
*30058 *30062 *30109 *30125
*30126 *39857 *39892 *48855
*48871 *53023 *57591 *58749
*65453 *65465 *65471 *73852

Item

Grapes--Cont.
culture--cont.
*73894 *82252 *82264 *82266
*82267 *82270 *82282 *90677
Argentina *13107 *30098
*48862 *73876 *82272
Australia 30080 65469
Austria *30108 *30134
*48869 *65477 *82280
Azores *1844
Balearic Islands *1826
Bulgaria 65472
Canada 73854
Chile *57617
Czechoslovakia *48853
Ecuador *39866
Florida 48845
France *1836 *7807
*13074 *20963 *39901 *57576
*57589 *57618 *63475 *86144
*94387
Germany *1803 *1804
*1815 *13085 *21010 *48860
*57605 *57610 *57620
Hungary *57588
Israel *73864
Italy *1793 *1835 *13080
*13086 *30060 *48831 *48839
*57604 *57612 *57619 *82236
*82243 *82249 *82256 *82278
*82279
Morocco *21009
Netherlands *1796 *65464
*73751
North Africa *20971
Spain *13106 *13111 *13125
*48867 *57599 *90688 *90689
study and teaching *1825
*13099
Switzerland *57601 *73883
*82258 *82259
Turkey *82240
Union of South Africa 48865
65470 *57598
U S S R *1792 *1816
*1831 *1846 *1854 *13110
*13117 *13120 *20964 *20976
*20985 *20986 *20994 *20995
*30058 *30066 *30072 *30088
*30090 *30094 *30100 *30103
*30112 *30118 *30119 *30127
*30131 *30133 *30136 *30138
*30140 *34484 *34834 *37241
*39886 *39897 *48854 *48875
*57614 *65466 *65478 *73853
*73858 *73859 *73869 *73874
*73875 *73887 *73899 *78416
*82263 *90695
West Virginia 20969
Yugoslavia *90686
cytology 29125
diseases 464 555
11814 11866 11945 11997
28878 29035 29234 47518
64581 89600 *314 *344
*474 *483 *499 *948
*11625 *11723 *20356 *20375
*28871 *29017 *38651 *38683
*38740 *39123 *47537 *47662
*47663 *56526 *56540 *64317
*64734 *72622 *72723 *72765
*72829 *73130 *81280 *81334
*81567 *81660 *81734 *89553
Algeria *28793 *47433
Argentina *1015
Austria *11869 *64485
California 68465
control 304 433
*355 *405 *435 *456
*11874 *19972 *28872 *43972
*47536 *64464 *68474 *72672
*72757 *81206 *81298 *81326
Ecuador *39866
Florida 68465
France *28904
Germany *93424
Italy *11737 *11779 *72627
*81129

*Text of this reference is not in English.

Item

Grapes--Cont.
diseases--cont.
Madeira *20108
Morocco *28933 *64481 *64482
North Africa 350 *28794 *64380 *81283 *89563
Spain *8936
Switzerland *28997
U S S R *64377
drying *8916
equipment 25220 69343 *17289 *25199 *25221 *25283 *25533 *52973 *53044 *69128 *69203 *78420 *80121 *94247
U S S R *34853 *78404 *78426 *94246
fertilizers 82866 *3154 *21645 *21723 *21819 *22069 *31018 *31042 *40704 *40717 *49780 *58306 *66295 *66334 *66365 *74616 *91340
Brazil *66323
Chile *58270
Germany *21675
Portugal *49760
Spain *58301
U S S R *30910 *30973 *30975 *31001 *49674 *74577 *74623
flavor and odor 18229
grading and standardization 70603—70605 87447
hardiness *1821 *30117 *39874 *48858 *57621
harvesting 30135 *7714 *13079 *39864 *39909 *48834 *48863 *82247
Argentina *80537
Balearic Islands *46654
Italy *13108
Spain *30114
Switzerland *1839
hybrids 1856 *1800 *17714 *30079 *30096 *30115 *48877 *82274 *86808 *90683 *90691
France *73891 *82239
Mediterranean Region *73877
Morocco *44663
North Africa *13113
Illinois 30128
illustrations *1825
in literature *35446
industry 26448 *53668 *86741
Brazil *86729
France *7744 *8621 *44710
Italy *17736 *61947
Portugal *69787
Spain *17734 *25861 *35467 *69787
U S S R *35454
injuries 20261 39030 *81176 *89503
irrigation 49883 82866 *2927 *30109 *58441 *81129
U S S R *30127 *30910 *31143 *31161 *74726 *74771 *78426 *82263 *91435
Italy *10307
labor
France *27392
Germany *37230 *71345
U S S R *27391 *37182 *37241 *80104 *80105 *80114
legislation
Germany *61998 *95022
Italy *53628
Switzerland *95028
marketing 26502 36188 54247 54290 79388 *45327
California *78868
Canada 62506
Mexico *73851
Morocco *82284 *90697

Item

Grapes--Cont.
North Africa *30052 *82270 *88256
nutritive value *89049
Oklahoma 28582
packing 87456
pests 11945 24684 24965 28878 60795 *499 *6824 *16542 *17070 *34479 *34480 *34492 *52369 *68446 *78151 *85406
Australia 34461
Austria *77997
California *68873
control 304 6684 24927 52766 60599 94007 *355 *5950 *6690 *43247 *43684 *52390 *61053 *68938 *86823 *93425 *93704 *93963
California 16867
Germany *6024 *52432 *68430 *68474
Italy *52657
U S S R *25069 *34484 *34486
Germany *34642 *60771 *77624 *93424 *93957 *94140
Italy *52418 *60766 *81129 *85841
U S S R *60818
Yugoslavia *16875
planting *1818 *20960 *30110 *65475 *69209 *86247
Israel *73862
Italy *48874 *82277
Morocco *13078
Spain *57587
U S S R *1842 *30089 *30091 *48864 *73898 *74771 *90682 *91435
policies and programs *17741
France *7793 *8631 *36095
Germany *61998
Italy *7721 *13080 *54189 *87329
U S S R *36111 *37489 *70503 *78934
pollen *47807
pollination *30116
Portugal *65457
prices *27598
processing 54236 *7754 *17787 *18233 *18336 *34913 *35477 *35546 *35558
products 7843
propagation 20978 *1795 *1799 *13081 *13116 *20973 *20982 *30070 *30087 *30130 *34836 *39867 *39884 *39889 *48103 *48836 *48837 *48859 *48861 *48880 *65456 *65462 *65468 *65473 *73856 *82237 *82241 *82244 *82283 *90671 *90672 *90673
Europe *82253
Germany *1859 *57584
Italy *82250
U S S R *30067 *30069 *30084 *30093 *30097 *30113 *57595 *57608 *73870
pruning 13119 21005 *1824 *20989 *20996 *39903 *48849 *57479 *57596 *73885 *73896 *82271 *82276 *90681
U S S R *30106 *57597 *73893
quality 57586 *7797 *17786 *18224 *18233 *18288 *26544 *61944 *90691
research 30099 57586 *65463
U S S R *30057 *30123 *35530 *73861 *73868 *73900
rootstocks 47955 *13094 *29257 *30071 *30122 *65450
France *30059

Item

Grapes--Cont.
rootstocks--cont.
Germany *90685 *90690
Switzerland *13112
Texas *90684
trade *28115
Tunisia *48835 *65455 *90676
U S S R *29330 *30101 *57590 *57621
seeds *1842 *73872
situation and outlook 36124 *8648 *17790 *17791 *18184 *35570 *53625 *53669 *61915 *82242
Algeria *69775
Argentina *94640
Austria *53653 *54218
California 95019
France *53625 *69772
Germany *25808 *26456 *61915
Italy *17743 *26452 *26471 *26658 *35543 *44661 *53626 *61920 *62468 *69786 *95037
Morocco *7832 *17718 *18191 *21004 *69780
North Africa *82245
South America *78857
Switzerland *8649
soils 49328 *2876 *2925 *21765 *52973 *58389 *66414 *91366
Germany *57605 *90685 *90690 *91249 *91334
Italy *82806
Netherlands *31064
U S S R *30974 *30999 *31002 *31053 *40520
Yugoslavia *91195
Spain *13077 *39905 *65457
spraying and dusting 38623 *377 *431 *483 *881 *11825 *38613 *47438 *72639 *72715 *89561
equipment *61500 *78524 *82554 *86322
France *64319
Germany *77277
New Jersey 56425
seasonal *38602—38604 *47416
Switzerland *64413
U S S R *28868 *28908 *28928 *34978
statistics 45473 95149 *26629 *26630 *54409 *62655
storage 8838 26591 36278 54236 *18316
surpluses 54247 62506
Switzerland *20962 *48879 *80410 *82275
thinning 73300 *73884
tillage *2859 *21804 *21819 *40763 *40772 *61428
trade *45327
Algeria *38017
France *38013
Union of South Africa *38030
Tunisia *30137
U S S R *13073 *20968 *20984 *30102 *35511 *48887 *73895
Union of South Africa 62482
varieties 1849 18241 20980 36188 39870 53614 54236 73897 *1798 *13075 *13089 *13115 *18220 *20961 *20965 *20993 *20997 *30120 *30121 *39868 *39890 *39908 *39910 *48830 *48841 *48878 *65450 *65454 *73855 *90675
Australia 8642 73857
Austria *30056 *48827 *48828 *69806 *82238
California 20974 39872 95019 *57606
Croatia *21006

Item

Grapes--Cont.
varieties--cont.
France *82248 *86739
Italy *1838 *30061 *57585 *71649 *95875
Netherlands *57609
New Jersey 39865
Switzerland 57602
Turkey *13109
U S S R *20972 *29128 *30053 *30078 *30092 *38452 *39860 *39887 *73878 *73890 *78883 *78884
vineyards *7224
Germany *10332 *10466 *10503 *10508 *88637
Italy *27598
U S S R *80292
waste 18308 *8829 *17807 *18243 *26492 *45442 *70524 *87502 *95132
feed 59548 *50755 *67258 *75743
fertilizers *14313
weed control 49328 57979 *47974 *89503 *91073
wild 30607
yields *18288 *82251
U S S R *20977 *30054 *30104 *57597 *65448
Grapeseed oil *95353
Grapevine shoots *3154 *22053 *40971 *50064 *58590 *66722
Graphocephala coccinea 383
Graphognathus 16581 93798
Graphognathus leucoloma 85701
Graphognathus peregrinus 77722
Grapholitha molesta 5980 6814 *34636 *52747
control 6775 16952 *16948 *24810 *25027
Grapholitha packardi 6772
Grapholitha woeberiana. See Enarmonia woeberiana.
Graphosoma italicum *6632
Graphosomatidae *24963
Graptophyllum 56245
Grass disease *59941
Grass fires 6926 6930 17192
Grass tetany 3996 *59258 *76297
cattle 4640 59557 67628 *32695 *41694 *42124 *42179 *67595 *67652 *76389 *84290
horses *5066 *92847
Grasserie 78249
Grasses 20698 29789 31230 49061 72331 95853 *89764
acidity *41694
analysis and composition 30858 30958 33238 41761 59557 79209 94900 *29756 *41694 *42245 *50698
anatomy and physiology 21702 38945 56677 56923 *868 *20280 *47782 *73178 *73283 *89961
Arizona 13613 95231
Asia 64172
Belgium *64208
biochemistry 20435
Brazil *28514 *48519
breeding 12726 48482 56740 57186 81508 *64699
Canada 58191
Chile *74309
control 13612 13625 13631 13635 30603 57928 65988 66009
culture 1925 20700 48521 57178 65082 65163 65188 *13942 *48443
Germany *57303 *64605

*Text of this reference is not in English.

Item

Grasses--Cont.
culture--cont.
Gt Brit 65103
Ireland 12801
Italy *65218
Japan *39562
Latin America *29740
Netherlands *12823
Oklahoma 73544
Union of South Africa 14239
U S S R *20642 *20670
*20707 *21887 *29707 *29723
*48401 *48466 *48513 *48536
*57226 *57254 *57295 *57311
*57320 *57339 *58299 *66965
*73509 *82052 *90395 *90438
Wisconsin 73494
cytology *663 *81456
desert areas 1429 *39447
digestibility 83766
diseases 390 12007
28835 56498 64527 72539
72659 73256 81312 *64421
Canada 47679
Finland *20011
Gt Brit 11612
India 11887
Italy *81234 *89595
North Carolina 38553
Norway *20013
Sweden *19991
Western States 11608
drought resistance 20735
drying 17376 75799 76169
79200 83757 84221 87155
*25345 *34932
cooperatives 67267
equipment 25346 38379
44130 61473
Netherlands *62285
ecology *20126 *47721 *47726
effects on soils 30851 30855
40746 91157 *3974 *21761
*40650 *40680 *40710 *40720
*49408 *49680 *58129 *58357
*82672 *82815 *82835
feed 4459 4470 4525
15433 23232 29726 42077
59167 70341 71651 76177
84186 *15357 *59566 *67539
*77084 *85088
fertilizers 2332 21676
49596 58283 66309 74613
*2826 *66411 *82853 *82913
U S S R *21694 *58231
*58272 *58348 *66393 *74651
France *82012
Germany *65129 *65193
*73538
germination 39481 47989
*56833
Gt Brit 12751
Great Plains 82079
harvesting 15095 88554
*57307
Canada *73628
equipment 34874 *34884
*34907 *53088 *69224 *78462
*81938
Germany *65098
Russian Zone *90401
U S S R *20716 *29525
*90415
identification 1475 64234
illustrations *56281
in soil conservation 3031
3096 14152 21936 29729
31182 74831 83104 91493
*58505
India 15380 39459 47222
66072 90151
injuries *72609
irrigation *73191
Italy *17688
Japan *29756
Kenya 57213
meal 5208

Grasses--Cont.
Morocco *19836 *64176
mulch 2569
Netherlands *15081 *20661
*73596
North Carolina 72362
North Dakota 3962
nutritive value 3962 15102
15380 *12565 *15081 *17688
*22796 *67325 *82012 *92197
Paraguay *89349
pests 77705 77979
*33860 *52506 *60963
planting 1398 14207 20725
39443 48379 48503 57306
65087 90414 *44857 *86243
Australia 39572
Colorado 73522
Germany *57302
Gt Brit 81960
New Zealand 20682
Oklahoma 73547
U S S R *12773 *20637
*20694 *20713 *29766 *39501
*39519 *48450 *57296 *57325
*65070 *65143 *65158 *65202
*73178 *73557 *82001 *82016
*90431 *90441 *91823
Utah 39558
Wyoming 73499
proteins 3962 41761
60074
research 1378 83784
*48450
seeds 2099 18732 27091
27092 29709 36881 45929
45939 52956 54850 57270
57282 65124 73510 95473
*12817 *39468 *48443 *81955
cleaning 54844 57338
*69270 *95472
Denmark *2377 *88015
Germany *73967
Gt Brit 65221
harvesting 73545 *12749
Idaho 9644
Louisiana 48560
Mississippi 79898
prices 45939
Southern Rhodesia 1468
Southern States 12725
statistics *36877
Sweden *12749 *36892
*81938
treatment 516 47547
47585 95464
U S S R *9620 *29745
*29822 *36876 *48397 *63075
*73531 *90314 *90376
Utah 90354
Washington 82010
yields
U S S R *39441 *57260
*74651
Senegal *64211
Sicily *71517
Southern States 39458
Spain *1373
taxonomy 159 11440
11441 28526 *64176
Texas 48392 57328 90389
Union of South Africa 14215
*48483 *81945
U S S R *39203 *48472
*48473 *73528 *82009 *89961
varieties 1153 1758
12837 15099 19849 29780
39529 39996 48521 48936
57335 57740 57773 65087
65107 73522 74040 81947
82003 82038 82441 84218
90188 90405 90772 92568
*12791 *49110 *57732
Brazil *57300
California 12825
Germany *73967
Gt Brit 39574 57271

Grasses--Cont.
varieties--cont.
Ireland 29757
Netherlands *21319
New York 72405
North Dakota 39395
Ohio 29698
Oklahoma 14234 39545
Pennsylvania 65079
Southern Rhodesia 65223
Southern States 20732
29699
Sweden *49111
Texas 57219 65096 81967
82092
Washington 48426
Western States 39577
Washington 48198
weed control 49242 57943
57946 74322 *65936
Wyoming 156 65069
yields 90377
Texas 30858 39457 57204
57205 57995
U S S R *39505 *58876
*73629
See also Hay; names of grasses; and under Silage.
Grasshoppers and locusts
6884 43880 52859 52862
61268 69010 *25110
anatomy and physiology 6841
6848 25092 43875 43887
78217 94158 94159
Austria *6847
Belgium *17117
Brazil *25098
California 78224
control 6834 6835 6855
6878 6883 25088 34649
43884 43899 69001 69007
69013 85446 86043 94174
*6860 *17125 *25087 *25104
*52853
Arizona 69014
Australia 78225
California 34680
Canada 34659
Central America *25085
Great Plains 24935
Iran 6851
Kenya *25090
Mexico *25085
Middle East 78227 86041
Montana 86039
North Africa *52860
Northern Rhodesia *6886
tests 94170
Union of South Africa 67297
Uruguay *52858
Utah 34677
cytology 17121 94161
eggs 69003
food and host plants 61279
France *86027
genetics *6853
habits and behavior 6839
86028 94164
Kenya 61271
migration 69006
Minnesota 43886
Morocco *94152
Pakistan 61257
parasites 6861 52590
South America *86026
South Dakota 78236
Sudan 61268
Uruguay *52858
Utah 61269
Grassland farming 1333
1341 1471 12782 12795
12796 12797 12810 14019
20653 20672 20681 20683
20710 29688 29714 29816
39527 40900 48416 48500
49523 57229 65123 73516
81951 82027 82039 90316
90420 90442 92531 *82781

Grassland farming--Cont.
Australia 20684 39442
Belgium *1433
Canada *1424
Czechoslovakia *12792
equipment *52923 *61380
*69103
Georgia 37109
Germany *69451
Gt Brit 10411 12740 12770
48417 48567 49587 57280
81940 90324 90341
India 39459
Louisiana 48559
Mediterranean Region 20702
Mississippi 20666
Montana 29748 48514
Netherlands *48462 *57342
*71656
New England 1407
New Zealand 73503 73543
73613
Ohio 57228 65072
Oregon 1370 57238
Pennsylvania 1401 20695
South Carolina 29817 48569
82091
Southern States 1342 57207
Sweden *39466
Tennessee 12761
Venezuela *65175
Virginia 20708
Wisconsin 81998
Grasslands 12750 12813
20718 21074 81948 81975
84207 90315
Belgium *71737
burning 1444 *13856 *13869
*21982
Canada 39524
conferences and congresses
*41682 *48497
demonstrations
Germany *73548 *73549
Pennsylvania 57212
Ecology 56649 56664 82062
*89776
fertilizers 40683 58267
82921 82922 83050 *2755
*21758 *40692 *66293 *74630
*74637 *80360
Austria *21796
France *30988 *39453
Germany *2848 *30955
*49636 *50060 *58237 *66402
*66745 *74962 *82804
Gt Brit 91358
Netherlands *12756 *30911
Northern Ireland 66374
France *48520
Germany *3877 *29801
*48464 *48709 *50804 *55489
*63319 *82065
Gt Brit 46565 46570 46578
65068 65089 73585 73634
India 20667 20692 81939
irrigation 2992 *40801
*58404
Kansas 29813
management 1304 1347
12770 29701 29767 39526
39581 48439 58502 65065
65119 73500 73529 73589
73614 82014 82036 82054
82062 90325 *73560 *73650
*82006 *90429
Austria *65115
Eastern States 57288
France *48423
Germany *12812 *29674
*39583 *48461 *48535 *57194
*57252 *65083 *65110 *65114
*65134 *70868 *73555 *73587
*73597 *73598
Gt Brit 48453 48566
65086 73534 81958 81962
82089

*Text of this reference is not in English.

Item

Grasslands--Cont.
management--cont.
Netherlands 81987 *12777 *12818 *14137 *65229 *82064
New Zealand 1318
Northeastern States 82005 90428
Ohio 59554
Pennsylvania 29751
Southern States 82034
Union of South Africa 1339
Wisconsin 12720
Morocco *65109
Netherlands 82087 *1405 *10520 *31172 *58490 *65169 *81988 *90385
New Zealand 15365 48482 73579 90411
North Dakota 90384
Oklahoma 20705
Pennsylvania 90328
pests 85338 85353 *93471
planting 61434 82004 82038 83050 90342
policies and programs 1375 1408 20690 29752 29803 65155 73588 *73563
Belgian Congo 82081
Germany *48505 *57284
Russian Zone *55561
Japan *82032
New Zealand 48481
productive capacity 82035
research 57349
soils 49519 *13833 *13992 *21758 *40388
Southwestern States 65100
Tennessee 51134
tillage *40764
Union of South Africa 1454 *29755
U S S R *21810
weed control *2396 *74312 *82581 *82589
Belgium *91069
Canada 66037
Germany *57956
Netherlands *49308
Western States 20665
yields *12756 *48563
See also Grazing; Lawns; Pastures; Ranges; Turf; Veld.
Gravel culture 2112 29295 *73235
See also Sand culture.
Gray-Brown soils 66226
Gray Manual of botany 11426
Gray leaf spot
tomatoes 38772
Gray mold
lemons 47477
Gray scab
Salix 11817
Gray soils 58171
Gray speck
oats 48111
Gray's Gardens 21183
Grayson foundation 5041 5085 23627
Grazing 12097 12808 12819 17506 19211 20639 23364 35762 39533 48525 50748 50775 65186 67565 76167 81944 81948 81975 82077 90391 92202 *12840 *20129 *57307 *75804 *82044 *82581 *89224
California 31189
Ceylon 65112
Georgia 73496 84434
Germany *41754
Gt Brit 1467 4465 20655 23262 29679 39494 51812 80346
Scotland 29794
Hawaii 81952

Item

Grazing--Cont.
India 22855
Iowa 42097
Israel *65157
Kansas 84211
legislation 22791 39573
Mississippi 1314
Montana 82082
Netherlands *48437 *81933 *81999
New Zealand 65097 65144 65181 73497 73540
policies and programs 84167
research 67558
seasonal 4489 12766 90361
Austria *20704
Gt Brit 1439 32632
Texas 12728
Union of South Africa 1339
South Dakota 32633
Southern States 73577
statistics 15381
Sweden *57193
U S S R *23061 *32286 *51100 *51807 *75784 *90400
Uruguay *90319
Western States 39472 48430
Gt Brit Colonial Development Corporation 71416 88747
Gt Brit Colonial Off Colonial Products Advisory Bur 38055
Gt Brit Comptroller for the Development and Welfare in the West Indies 10071
Gt Brit Dept of Scientific and Industrial Research 19536 72238
Ditton Laboratory 26616
Forest Products Research Board 58652
Forest Products Research Laboratory 58993 75514 75647 92066 *41432
Gt Brit Forestry Commission 75060
Gt Brit Interdepartmental Committee on the Inspection of Meat 18559
Gt Brit Joint Quality Control Committee 53863
Gt Brit Milk Marketing Board 70060
Production Div 50995
Gt Brit Ministry of Agriculture and Fisheries 46238
Gt Brit Ministry of Food 46238
Food Hygiene Div 11052
Gt Brit Ministry of Health 94800
Gt Brit National Agricultural Advisory Serv 63761
Gt Brit National Food Survey Committee 72096
Gt Brit Overseas Food Corporation 27478
Great Northern Railroad 71706
Great Plains Council 27910
Great Western Sugar Co 12862
Green-crinkle
apples 20073
Green Giant Co 8832
Green gram. See Mung beans.
Green manures 2766 13893 21686 30962 31045 40713 49578 49632 49747 65000 66263 66442 82850 82862 82910 91269 *2717 *2730 *2784 *2841 *13943 *31194 *40704 *49414 *49602 *49650 *49717 *49802 *58254 *58303 *58332 *66398 *74591 *82834 *82897
Australia 82892
Belgian Congo *66445

Item

Green manures--Cont.
France *88679
Germany *21675 *40672 *48517 *65140
Gt Brit 91351
India 66441 74628
Italy *30944
Japan *39523
Mexico *66292
Netherlands *14321 *66298 *66299 *74552
Philippines 21687
Texas 40637
U S S R *2818 *14004 *21690 *31002 *49694 *58288
Yugoslavia *82838
Green Pastures Program 29821
Green Timbers Forest Nursery 83403
Greenaspis 43653
Greenbug. See Toxoptera graminum.
Greenhouses 7354 13372 25514 55108 35110 61624 61625 69426 81533 86436 86443 86444 *29876 *78627
Antarctic Region 44298
Canada 1580
Channel Islands 86435
construction 7347 17490 25510 25511 35111 53307 69423 94457 94459 *17489 *69429 *86433
culture 1587 1971 48656 65291 90810 *1592 *12317 *30212 *49189
designs and specifications 7348 44303 86441 *78624
diseases 12050 72811
control 19928 38592 64338 72551 85413
equipment 61628 69431
fertilizers 40715
fruit 13128 89936 *13033 *20944 *30439 *47980 *48825 *48884 *60907 *65464 *73852 *82264
Netherlands *1674 *12957 *38560 *39845 *69430 *73751
U S S R *29999 *90574
fumigation 64338 *21980
Gt Brit 44305
heating 7351 35115 35116 69423 69427 94453 94455 94456 94458 94462 *7352 *17488 *25512 *44301 *61627 *61631 *78621 *94460
electric 17486 44300 61630 *78625
equipment 44302 *17488 *53306
humidity *61623 *86434
irrigation *73129
lighting 7350 35114 78623 86437 *25513 *61631 *90089
management 21166 *35113
Netherlands *17489
Norway *1593 *95148
ornamentals 1879 1933 13218 13413 21052 21058 30293 30310 39938 39968 39999 40023 44304 47960 48928 49116 57691 65803 78622 86438 90887 *1922 *2119 *20818 *30252 *30371 *56432 *73946
pests 24684 *3114
control 6000 6376 6391 6672 24413 52086 64338 68388 68400 72551 85413 *12048 *93704
soils 13779 21648 30924 31304 35115 40660 58264 69424 83141 *14247 *21980 *31064 *73751 *74599 *82878

Item

Greenhouses--Cont.
U S S R *20346
vegetables 547 2161 21228 21251 21262 21276 21859 30405 30443 40156 81616 83150 86442 *2155 *2271 *2292 *2305 *13975 *20332 *21260 *21293 *21316 *27721 *30439 *40186 *40187 *40192 *40238 *41093 *56857 *57848 *57849 *57888 *57889 *65855 *74137 *82491 *90945
Netherlands *21283 *30407 *40241 *69430
Ohio 45290
U S S R *49187 *49189 *57821 *74175
ventilation 17482 21317 49209 69425 86439 94454 *86434
See also Cloches; Coldframes; Hotbeds; Lath houses.
Greenoripersia n g 16800
Greens
edible 70670
Gregarines *6437
Grémio dos Exportadores de Frutos e Produtos Hortícolas do Algarve *63847
Grevillea robusta 89882
Grewia asiatica 81121 95129
Grias 11455
Gribodo G *6696
Grignon Laboratoire de Machine Agricole *17221
Grimmia *200 *56300
Grimmia teretinervis 64262
Grinders 61482
Grippe. See Influenza.
Grisch A *72197 *90300
Grit
in poultry nutrition 42584 60065
Grits 80665
Groats *9140 *18401 *62732 *70939 *95340
Groenman S 88606
Groningen Landbouwproefstation en Bodemkundig Instituut T N O *56107
Groton Farmers Club of District No 12 46836
Ground cover plants 13271 13290 39989 48936 49977 57730 65508 65809
Groundnut scheme 9397 12849 29825 36691 45760 54748 79827 *9397
Groundnuts. See Peanuts.
Group farming 46428
Groups 63759
Grow More Food Campaign 18505 83376 89178 *95692
Growth factors
poultry 5245 15772 23794 23838 33213 42580 42599 42608 42610 42616 51570 51574 67990 67999 68000 68012 76732 76801
Growth substances 12491 12522 29375 47880 48679 73308 81645 82570 *28876 *81552
effects on figs 13002 *20284
effects on fruit 56882 73096 *47980 *64808
effects on fruit set 990 12416 39154 48083 49195 90040 *1683 *2274 *20299 *39726 *48708
effects on fungi 20358
effects on grain *29399
effects on lemons 70627 70628
effects on plants 799 877 927 954 12243 12254 12332 12417 12423

*Text of this reference is not in English.

Item

Growth substances--Cont.
effect on plants--cont.
12424 20312 20319 20343
20384 29237 29325 29331
29436 39014 39015 39033
39051 39125 39183 47951
47997 48032 48063 48073
48095 48109 56798 56802
56889 56900 56948 57458
57466 57485 62589 64746
64763 64764 64771 64842
64854 73095 73100 73118
73126 73139 73147 73167
73194 73202 73207 73296
74179 74287 81520 81537
81538 81617 81706 89923
89943 *809 *902 *974
*1018 *12235 *12290 *12371
*12389 *12397 *12427 *12432
*12494 *12501 *12859 *20266
*20271 *20360 *20388 *29229
*29280 *29281 *29285 *29308
*29342 *29343 *29346 *29357
*29360 *29362 *39053 *47992
*48122 *56776 *56902 *56921
*64722 *64729 *64766 *64790
*64819 *73107 *73177 *73186
*73219 *73225 *75284 *81576
*81577 *81595 *81623 *81746
*90002 *90007 *90041 *90061
*90096 *90617 *90665
effects on rooting 1639
12337 20365 29398 30166
48654 57637 64814 73097
*13192 *20298 *20361 *29386
*29393 *30068 *39042 *39117
*39122 *39142 *48093 *56846
*56877 *81550 *89918 *91817
inhibitors 833 2389
12323 12489 12490 20428
21361 39226 47910 48109
56863 57943 64775 73092
*844 *12427 *20381 *48155
preharvest use 797 840
12386 12438 12558 29413
48074 73272 *1629 *29239
*56861 *81556 *81666 *90012
See also Herbicides; Hormones, plants; Weeds, control, growth inhibitors; and names of growth substances.
Gruzinskiĭ Sel'skokhoziĭstvennyĭ Institut imeni L P Beriia *56097
Grullaphonus n g 6842
Gryllidae. See Crickets.
Grylloderes *25091
Gryllopsis *25091
Gryllopsis hebraeus *43897
Gryllotalpa gryllotalpa 43882
*78218 *94169
Gryllulus. See Acheta.
Gryllus bimaculatus *61267
Gryllus campestris. See Acheta campestris.
Gryllus domesticus. See Acheta domestica.
Gryllus morio *78214
Grynobius 68705
Grypocentrus 25021
Guano 3166 *66300 *66752
*74953
Guapinannus n g *24977
Guar 1422 11913 65210
Guarania n g 43680
Guarea africana 22219
Guarea cedrata *31512
Guarea guara *28592
Guatemala grass. See Tripsacum laxum.
Guavas 1048 13023 54221
56696 57516 90165 *38135
*38141
culture *1703 *30001
diseases 38728 56544
processing 62585
propagation *48750
spraying and dusting *56466

Item

Guayule *9594 *29838 *30645
anatomy and physiology 20409
biochemistry 48142
culture 74397 *21438 *30661
*49366
genetics *20236 *29144
germination *39147
hardiness *39137 *39138
harvesting *7102
processing 9606 54839
54840 *27054 *54825
Guenon F 23412
Guernsey Breeders' Journal 51022
Guesarol 550 24944
Gugenmus S *74632
Guichard K M *52690
Guide Dogs for the Blind Association 32944
Guieralia n g *6736
Guignardia citricarpa 38697
Guignotus *85639
Guillelma 74388
Guinea fowl 42819 60227
*33485 *42832 *60059 *60204
*67958 *67971 *93061
breeds *60009
Guinea pig milk 5126
Guinea pigs *23712 *59991
anatomy and physiology 5123
15709 33100 42508 67951
*84746
breeds 51516 67950
care 5127 *5125
color 51516 92885
feeding and nutrition 5121
33096 33097 33102 *59994
genetics 5124 33093
milking 5126
poisoning 42513
pregnancy 5124
shows 84748
transportation 36567 54618
95274
See also names of anatomical parts, and diseases; and under Blood; Castration; Fetus; Serum.
Guitelia *52489
Guizotia abyssinica 49364
Gullies 90427 *22393 *31207
*31216
Gum arabic 3752 *59107
Gum tragacanth 27216
Gumbrin *30947 *40662
Gummosis
apples *363
apricots 72619
citrus 392 56523 *56550
oranges *28909
peaches *29213
Gums and resins 3755 29219
32114 41595 73248 79550
79578 79605 *75661
bibliographies *83637
California 75655
chemistry 87534 *14954
determination 69551 70545
*75687
extraction 3754 *92125
India 14963 88101
plant sources 12542 *75665
processing 3762 22689
70983 *32118
properties 14955 32125
recovery 59098
research 14962
synthetic 8467 9339
59108
utilization 14961 22706
West Africa 75651
Yugoslavia 3754
See also Adhesives, resin; Naval stores; Oleoresins; and names of gums and resins.

Item

Gun stocks 41395
Gunnera *30316 *64829
Gunther O *41843
Gur 9655 63105 95504
95517 *63130
Gustavia 11455
Gut edema
swine 5837 16111 33739
43086 51951 51986 85259
85269 93248 *33708
Gutierrezia sarothrae 49758
Gutta-percha *74371 *82648
Guttiferae 11464
Guzzini D *72185
Gwebi Agricultural College 71820 80472
Gyaritus 93778
Gymnastes 6505
Gymnocalycium *80950
Gymnocalycium mihanovichii *48924
Gymnodinium 11576
Gymnogramma. See Pityrogramma.
Gymnogramme leptophylla *47307
Gymnogramme triangularis 30620
Gymnolaelaps *93731
Gymnomitrium 72447
Gymnoneura n g *6736
Gymnopetalum cochinensis 38913
Gymnospermae 38917 *89305
Gynenica 68830
Gynoplistia 68719
Gymnosporangium sabinae *28844
Gynacantha 25125
Gynandromorphism
insects 6511 6543 24625
34514 93929 *16937 *34084
*60787 *93911
Gynandropsis pentaphylla *89858
Gynoxys 11455
Gynura *58812 *91683
Gypona 61037
Gypsophila *38475
Gypsophila muralis *38425
Gypsum 3139 30869 40427
74516 *78917
fertilizers 66317 *2667
*74643
in soils 30788
Gypsum block moisture meters 13744
Gypsy moth. See Porthetria dispar.
Gyrinidae 24742 43412
*6472 *52436 *52466 *77712
*85639
Gyrinus 24742
Gyroceras celtidis 72493
Gyropaigne lefevrei *47319
Gyrophaenae 34288
Gyropus 6910

Haageocereus *82330
Habenaria 11491 74113
Habenaria ciliaris 57780
Habralebra n g 85884
Habrobracon. See Bracon.
Habrocestum *68622
Habrocoris n g *43695
Habrodesmus lugubris *6390
Habrolepis *6736
Habronemiasis
horses 59948
Habropetalum 47212
Habrophlebiodes 43910
Habrophora *52404
Hackamores 23689 42496
42497 69159
Haddemo method 93645
Hadena *68911
Hadena compta 52763 61200

Item

Hadralebra n g 85884
Haemagogus 6599 *6601
Haemaphysalis 24687
Haemaphysalis bispinosa *60798
Haemaphysalis kochi *77591
Haemaphysalis leporis-palustris 52346
Haematobia stimulans *60940
Haematochares 85870
Haematococcus 56309
Haematococcus droebakensis *11572
Haematomyzus elephantis 17170
Haematopinus adventicius 25145
Haematopinus suis *24294
*63347 *85272
Haemin *20442
Haemolaelaps mohrae *6377
*6378
Haemonchus 85130
Haemonchus contortus 16019
34340 *93157
Haemophilus 67715
Haemophilus gallinarum 84874
Haemoproteus columbae 84857
Haemosporidia *5690 *59344
*59392 *60363 *67379
Haffkine Institute 38161
Hagen H A 86093
Hail 11695 88217
control 19704 38273 *11303
*11308 *38277 *47105 *80815
France 38280 *72276
*30816
Italy *14141 *19698 *28348
*38274 *47107 *64072 *64073
*89153 *96228 *96229 *96231
Union of South Africa 38280
effects on plants 463 19930
56381 81199 *311 *410
*11714 *28739 *28827 *47413
*81142
Ecuador *72226
Germany *64347
plant protection *56135
*56165
Hail insurance 63272 63274
38213 88214 88217 88236
Austria *9871
Bulgaria 9869
Canada 95644
conferences and congresses 37141
Germany *63271
Italy *37137
North Dakota 55055
Union of South Africa *9872
Hair 5389
cattle 42225 42233 92499
*59755
dogs 84552
guinea pigs 23707 42511
horses 70820
livestock 59383
rabbits *18097 *36676
Hairy vetch 57346 74865
*746 *1312 *29793
Hakiulus 93699
Halacaridae 34194
Haldorus 61037
Halesus digitatus *16913
Halictus 34542
Halimeda tuna platydisca *19859
Halimolobos 72414
Haliplidae 43412
Haliplus *24721
Haliplus obliquus 68658
Hall E 96207
Hallands Läns Hushållnings-sällskap *47013
Hallodapini 16813
Halloysite 58097
Halo-blight
beans 56579
Halocharis n g 34508

*Text of this reference is not in English.

Item

Halogeton 2394 30521 40258 40290 40308 57915 *40269
control 2379 40263 40264
Halogeton glomeratus 13556 49240 74335 91010
Halotydeus destructor 5978
Haloxylon *22152
Haloxylon ammodendron *12405
Haloxylon schweinfurthii 72383
Halters 86219
Haltichellinae *6739 *43735 *52733
Halticinae. See Alticinae.
Halticus major *68865
Halyomorpha 68830
Ham 87773 95305
bacteria 9349 79726
curing 9355 18593 26881 95305
prices 70865
Hamsters 23714 84749 *23713 *59991 *76673
abnormalities 59993
anatomy and physiology 15708 *76675
breeding 5120 33092 59993 76674
breeds
Golden *67949
*92883
care 5128 33092 *60001
feeding and nutrition 67805 76674
pregnancy 33107
See also names of anatomical parts, and diseases; and under Blood; Embryos; Ovulation.
Hanane 56603
Hancornia speciosa *2424
Handicrafts 19322 27959 47094 55679 63699 63703 63717
Barotseland 46639
British West Indies 55680
Canada 10799
Gt Brit 37772 37913 71817
Pakistan 54177
See also names of handicrafts; and under 4-H Clubs; Indians.
Hanger's test 59938
Hanitschella n g *61274
Hannah Dairy Research Institute 8234 17957 18006 39488 51347 *26173
Hansen N E 29917
Hansen's disease *43599
Hansfordia n g 11593 28686
Haplaxius 24926
Haploditha n g *68596
Haploidy. See Polyploidy.
Haplopappus microcephalus 11454
Haploplectus n g *85647
Haplosporella *64463
Haplothrips *69041
Haplothrips bluncki *25138
Haplusiella n g 85766
Hapsidolema *77767
Hara Enumeratio Spermatophytarum Japonicarum *28539
Haradjania n g *47275
Hard pad disease 32940 76535 *15581 *32919 *76517 *76552 *76569 *92745 *92746
Hardboard. See Fiberboard.
Hardware disease. See Reticulitis.
Harling G *89403
Harmolita hordei 85910
Harmolita grandis 6730
Harmolita tritici 6730
Harmonia 6459
Harness 78387 86199 *69163 *94281
Harpactes *6349
Harpagocoris *85870
Harpagopyga *24831
Harpalinae *43415

Item

Harpalodes n g *43415
Harpalus neglectus *60888
Harposporium 72475
Harpyia *6803
Harris M 43512
Harrowing *34870 *34886
Harrows 17290 44053 *7072 *34838 *86228
disk 44050 *34854 *61414
Netherlands *61425
Sweden *7080
U S S R *53031 *94292
Union of South Africa 78374
Harvard University *72270
Harvesting *46488 *88817
equipment 53070 78409 78449 78466 94326 *44091 *53084 *69223 *88270
Austria *53063
Canada 45950
costs 34875
Denmark 94333
Germany *7132 *34876 *53092
Netherlands *86255
U S S R *34870 *34886 *35026 *37235
labor 9916 *88270
California 18939 63307
France *27392
Norway *27396
U S S R *9962 *27414 *46184
Washington 18958
See also kinds of equipment; and under specific subjects.
Harvestmen. See Phalangida.
Hashemite Kingdom of the Jordan Dept of Lands and Surveys 88481
Hasidellus n g *60834
Haslundichilis 34725
Hasseanthus 11488
Hasslerella. See Polypremum.
Havana Charter *45752
Havas L J *38197 *56030
Hawaii Board of Commissioners of Agriculture and Forestry 38163
Hawaiian Academy of Science 55969
Hawaiian Sugar Planters' Association 12871 29851 57373 73679
Hawaiian Sugar Technologists 48612
Haworth A H 11502
Haworthia 38422 *20390 *74117 *80981 *81049
Haworthia attenuata 89372
Haworthia fasciata *64237
Haworthia marginata 74077
Hawthorn (tree). See Crataegus.
Hay 32268 59177 75799 *90306 *92230
analysis and composition 35916 62295 94900 *32246 *54028
Germany *62305 *62306 *70326 *87164
Netherlands *41694 *50698
U S S R *54044
baling *69278
equipment 6968 43947 69235 69242 *69233 *69266
Belgian Congo *1366
care and handling 6984 17240 25211 43979
costs and returns 53102 90337
digestibility *23617
directories 26291
drying 3953 10415 22838 34940 41736 50724 50792 51099 53108 53109 69252 69263 78500 78501 78505 81943 83755 86298 *62289 *73537 *75774 *78497 *78499

Item

Hay--Cont.
drying--cont.
*86285 *86286 *86288 *86294 *86296 *86302 *94350
artificial 17374
Austria *53101
Brazil *41763
equipment 7091 7153 7159 25344 34921 34926 37469 44117 44119 44126 44134 53102 61469 69258 78477 78480 79224 86261 86299 94359 94362 *7089 *7155 *25351 *25370 *34922 *34929 *34936 *34941 *34944 *34945 *53097 *53098 *53101 *53103 *69255 *69261 *69264 *69276 *78481 *86296 *86304
Germany 65075 *57220 *65074 *65171 *83772 *94361
Gt Brit 61477
Italy *73645
study and teaching 94362
equipment 7048 44111 69140 69259 78506 94318 *25353 *69115 *69142 *78366 *78455 *86450 *94347
feed 5648 23268 32617 32618 32677 32678 42040 42061 42068 42107 51060 51086 51146 76180 76206 76229 76236 84223 86124 *15357 *24279 *58161 *67289 *75775
Germany
Russian Zone *83744
fermentation 93163
Germany *57250 *87164
harvesting 1474 3883 73637 81943 82090 *65164
Connecticut 56094
costs 10415 34874 94322
Denmark *48478
equipment 7100 7123 34893 34931 53073 53077 78465 86261 94315 94322 *7117 *7121 *7142 *34911 *53088 *69226 *69237 *69243 *78439 *78452 *78470 *78471
Finland *34891
Germany *78453 *78454
Iceland *17338
U S S R *34905 *53064 *53069 *53085 *94309 *94325 *94339
Finland *88292
Germany 65075 *7115 *65165 *67293 *73521 *83772
Iceland *12805
labor 94322 *55117
mountain areas *90371
Norway *32289
Sweden *1477
Switzerland *65125
U S S R *29722 *29763 *29795 *71350 *83801 *90390
Iceland *18028
Ireland 90350
Israel *20640
moisture 48490
Montana 7364
Nebraska 49621
nutritive value 3953 23205 34893 42060 *4455 *67312 *87157 *91243
Norway *32289
Sweden *3884 *32245 *32246
U S S R *83801
prices 54064
processing 78373 *18055 *79204
proteins *84640
Puerto Rico *7106
quality 35917 41126 69235 90378
Germany 65075 *75775 *87146
India 15380

Item

Hay--Cont.
quality--cont.
Norway *22788 *41713 *67259 *92189
Sweden *83729
situation and outlook 54064 79549
spontaneous combustion *35882 *45095 *70320 *79217
stacking 69283 69444 *86450
statistics 87679 *8363
storage 15095 17495 34893 45097 79219 *53308 *65164 *70320 *78637 *87157
Germany *65165 *79227
Virginia 79224
transportation *62308
U S S R *34945 *59202 *87144
vitamins 59218 *83807
yields
U S S R 39441 *29730 *57259 *57260 *73566 *90314
Hayden A 64038
Hazelnut (tree). See Corylus avellana.
Hazelnuts. See Filberts.
HCH. See Benzene hexachloride.
HCN. See Hydrocyanic acid.
Head
arthropods *85322
cattle 15426
dogs *67780
horses 76641
insects 43511 43843 85922 94165 94205 *43549
poultry 33400 60219
Health 10639 37848 46618 71842 71895 80471 80495 96022 *37789 *46622
Africa 88747
Brazil *10764 *88756
Canada 88789
children 11088 55705 55810 55903 72116
conferences and congresses 37895 37899 71786 80446
Cuba *27934
Dominican Republic *92342
France *10673 *55630
French Guiana *19369
Gambia 85389
Gt Brit 37839 37893
Mexico *19330
Mississippi 10677
policies and programs 37803 71811 71830 71855 71859 71870 71905 80461 80465 80526 80541
Asia 71801
Central America 10184
Germany *63749 *88833
North Carolina 71794
public 37780 37900 55879 71815 80669 85362 *35709
Africa 96007
Denmark *76606
France *63922
Gt Brit 17629
Italy *72114
services 4075 46710
Uruguay *63907
services 19312 25153 27962 37791 55620 71815 71839 80494 80528
Brazil *19351
California 63721
Canada 28045
Georgia 10815
Gt Brit 9907
Indiana 46667
Kentucky 71803
Michigan 10814
Minnesota 19311 55681
Missouri 71908
New Jersey 71828
New York 55634 80482

*Text of this reference is not in English.

Item

Health--Cont.
services--cont.
North Carolina 10781 71794 71889
Ohio 10650 71926
Poland *88804
South Carolina 28010
study and teaching 63766
Virginia 28010
Southern States 37869
study and teaching 28033 37895 37899 71909 80530
China 63763
Union of South Africa *55639
See also Dietetics; Diseases; Hospitals; Immunization; Physicians; Soils, plant-animal relations; subhead health and safety under 4-H Clubs and Future Farmers of America; subhead public health aspects under Veterinary medicine; and subheads under Human nutrition.
Health insurance 9867 18908
Austria *55058
Chile *37135
France *80066
Germany *63276
Heart
abnormalities *83830
Arthropods 85320
cattle 76245 76384 *92362
abnormalities 4531
diseases 23376 92650 *4625 *4631 *59650 *84259
stimulants *32720
dogs 15572 32914 42352 59838 *67830 *84516 *84543 *84544 *92362
guinea pig 33104
horse *33037 *51472 *76649 *76657 *92362
insects 34667
livestock *3992 *59297
minks 32978
poultry *33347
rabbits 33503
swine 33718
Heart block *23659
Heart failure
poultry *93030
swine *24297 *24308 *33728 *51988 *51989 *60472 *68334
Heart rot
apples *38675
celery *24932
Heartwater 84298
Heartworm. See Dirofilaria immitis.
Heat
effects on bacteria 53422
effects on cattle 15415
effects on fibers 8557 *70441
effects on grain *9048
effects on insects 6484 24903 25092 85643 *94179
effects on livestock 67372 *41919
effects on meat 54605
effects on milk 17893 62078
effects on plant disease 495
effects on plants 20291 20425 31740 47905 64757 73162 *1044 *61631
effects on poultry *84951
effects on proteins 63947
effects on seeds 20276
effects on soils *74425
effects on turkeys 15746
effects on vaccines *33311
in food processing 8230 17667 69542 69696 69720 79375 *61842 *62186
See also Temperature.
Heat units 40205 48001 49226 54369
Heath *2648
Heather. See Calluna; Erica.

Item

Heating
equipment 18258 25552 25554 25555 26621 44040 44360 52909 53351 78672 86493 *59025
See also kinds of heating and under specific subjects.
Hebardacris n g 94172
Hebe 72425
Hebe macrantha 81041
Hebe salicifolia 43525
Hebe vernicosa canterburiensis 56261
Hebecnema *93863
Hebia flavipes 16693
Hebrus 43634 52669 *68843
Hedera 1030 2102 30373 39990 52566 *89319
varieties 13386 13414 74118
Hedera helix *3912 *30671 *38900 *81632
Hedges 2143 21086 30238 39974 57719 57787 *13262 *20864 *40127 *57475 *57476 *57683 *90832
Belgium *29933
Denmark *48990
Germany *65359
Russian Zone *90566 *90663
Gt Brit 1960 13421 49017 74075
legal aspects *88645
New Zealand 48954
North Africa *20855
Norway *1930 *73994
pruning 34852 53021 *48990
Hedging 45100 53470 62717 86706
See also Futures trading.
Hedriodiscina *43528
Hedysarum *38476
Hedysarum coronarium. See Sulla.
Heel fly. See Hypoderma lineatum.
Hegari 15989
Hegeter 52460
Heikertingerella *77662
Heimiella n g 72468
Helaeomyia petrolei *6513
Helea 24880 68787 85789
Heleidae 43511 *43520
California 68787 85789
Connecticut 52519
Italy 60926
Java 85781
Utah 16706
Virginia 24880
Helenium autumnale *2452
Helenium curtisii 72954
Helenium tenuifolium 81687
Helianthella 72438
Helianthemum *38417
Helichrysum 57802 *59337 *83780
Helichrysum sumberti *64218
Helichrysum italicum *81546 *84746 *85078
Helicoceras 272
Helicodendron giganteum 257
Helicogloea 28704
Helicosolenus n g *52345
Helictotrichon 47222 *38545
Helina *93863
Helina pubescens 93840
Heliodines 78089
Heliomyces 47336
Heliophilis *34212
Heliothela *16939
Heliothis *6810
Heliothis armigera 1269 43832 77873 78212 94068 94077
control 16996 34553 34554 34580 34638 43860 43862 52772 52788 52812 61151 61185 61218 61226 61236 68947 68993 68996 77280 77681

Item

Heliothis armigera--Cont.
insecticide resistance *43746
research 94053
Heliothis virescens 77681 *25060 *85994
Heliotropium *65574
Heliotropium europaeum 5655
Helixin 47403
Hellebore *75886
Helleborus 21210 *24178 *30643 *48957 *48989
Helleborus niger 30304 72884
Helleborus viridis *4590
Helluomorpha 24718
Helluomorphoides 24718
Helminthiasis. See Verminosis.
Helminthology *92254
Helminthopeltis n g *28671
Helminthosporium 11610 56325 72477 72702
rice *11801 *11955
Helminthosporium avenae 478 64422
Helminthosporium dictyoides 72791
Helminthosporium gramineum 64669 *11897
Helminthosporium oryzae 11769
Helminthosporium papaveris *38677 *89687
Helminthosporium sacchari *81268
Helminthosporium sativum 11807 47522 89572 *81284
Helminthosporium sigmoideum *28921
Helminthosporium teres 11612
Helminthosporium tritici-vulgaris 28829
Helminthosporium turcicum 11920 89656
corn 11919 28932 47527 89615 *19968
Helminthostachys zeylanica 665
Helochares *68633 *77657
Helodytes n g *77735
Helomyzidae 34313
Helopeltis *24962
Helopeltis theivora *85833
Helophorus brevipalpis 34293
Helotrephidae *68843
Helvezina *51232
Hemacytometer 76711
Hemagglutination. See Agglutination.
Hemagglutation inhibition test 84854
Hemangioma 68071
Hemato-encephalic barrier *83928
Hematoma 76537 92617 *32697 *33044
Hematuria *4673 *15413 *92640
Hemerobius 94193
Hemerocallis 13267 65764 82470 82475
breeding 65505
hybrids 65592 65622
Puerto Rico 74131
varieties 57760 65546 65744 73940 74085
Hemeroplanes *6783
Hemerotrecha 6375
Hemiberlesia 16871
Hemicellulose 3779 12542 18177 62295 62296 67215 79539 83609 83666 83676 87272 *14931 *94987
Hemicliarthrus n g *85647
Hemigraphis 38421
Hemileia 56327 *89684
Hemileia vastatrix 72731
Hemileuca maia 17109
Hemileucidae. See Saturniidae.
Hemipauropus *85588
Hemiphonoides n g 6842

Item

Hemiphonus 6842
Hemiphytobius *77789
Hemiplectoderes n g 52628
Hemiptarsenus 34508
Hemiptera 16851 43654 43680 61073 61075 68808 68818 77971 85884 93979 *43663 *52625 *52676 *61070 *68831 *68843 *68848 *68869
abnormalities *52614
Africa 52622 85870 *52677 *85869
Arabia 43634
Argentina 52685
and disease 34450
as predators 16840 16860
Australia 93946
Belgium *16850
Brazil 52685
Canada 94002
China 43653
Cryptocerata 68820 77978
cytology *77985
Dahomey *68824 *68863
ecology *93964
Ethiopia 85853
eggs 52678
Egypt 43569 43675 43681
Finland *24946 *24948
Florida 24934
food and host plants *24954
Germany *61085
nomenclature 16812 *93940
parasites 43656 52673 *24969 *52724
Patagonia *43641
predators *24969
Puerto Rico 61037
sonification 16822
Sweden *77930
taxonomy 52628 68820
Togo *68824 *68863
U S S R *61066
Utah 16840
Virginia 16798
Yugoslavia *85859
Hemipyrellia 24870
Hemisarcoptes malus 16511
Hemiteles similimus sulcatus *6700 *85891
Hemithyrsocera *6874
Hemlock looper. See Lambdina fiscellaria.
Hemmens Forskningsinstitut *11286
Hemocytes 68661
Hemoglobin 54604 75847 *4187
cattle 92593
ducks 76771
effects on plants 56777
poultry *15832
sheep 42953
Hemoglobinometer *15209
Hemoglobinuria *83933
cattle 4569 *41694 *42234
mules *92837
sheep *76992
Hemolymph. See Blood, insects.
Hemophilia 67811 *33502
Hemophilus suis *51948
Hemorrhage 3990 4720 51273 *75922
Hemorrhagic diathesis 15143
Hemorrhagic enteritis
swine *5820
Hemorrhagic septicemia *4028
buffaloes 76330
cats *84546
cattle 4572 67615 76330
India 76314
treatment 4606 76342 76344
vaccines 42204
Germany *67610
Philippines 23010
sheep *33584
swine *5836
Hemosporidia *23346 *33032

*Text of this reference is not in English.

Item

Hemp 13702 30668 73488 *36009
anatomy and physiology 56947 *712 *29200
Austria *26321 *79294
biochemistry *20464
Chile *18091
culture *18131 *20614 *78429
Denmark *48348
Europe *73492
Germany *73479 *73484
Italy *48376
Japan *81912
Sweden *1289
Switzerland *48365
U S S R *20503 *48354 *81913
diseases *11794
equipment *78429 *94331
exhibits *8463 *87180
fertilizers *66297
fibers *87218
genetics *73479
grading and standardization *8435 *62387
industry
Argentina *8512
France *18067
Italy *18067 *18072
Mauritius *62402 *94966
Sweden *18081
injuries *47413
Italy *8435 *12691 *36028 *79310
processing *8558 *45232 *70464
retting *54133
scutching *54097
seeds *29657 *54847 *78429
spinning *70464
toxicity 59931
trade
France *18067
Italy *18067
U S S R *20632 *26418 *29200 *40774 *48368 *65056 *79309
utilization *18131
Henbane. See Hyoscyamus niger.
Hendersonia *47348 *72471
Hendersonula *72510
Hendersonula toruloidea 72793
Hendersonulina n g *72510
Henicocephalidae *6639
Henribautia n g 85884
Henry Shaw School of Botany 11392
Hepatica *11550
Hepaticae 11546 56299
Alaska 64254
Aleutian Islands 64254
anatomy and physiology *73023
Canada 19856
Ecuador *89403
Ireland 11530
Japan 202 72447 89402 *28631 *56289 *56296
Patagonia *89404
Portugal *28634 *28640
Hepatitis 92763 *23326
Hepatoma 67806
Heptalidae *6827 *25083
Heptalyxodes n g *25083
Heptachlor 14246 24998 33944 34515 93467
cotton pest control 77680
fruit pest control 77244
grasshopper control 52854
physiological action 68511
Heptameria *72511
1,1,2,3,4,5,6-Heptachlor-cyclohexanen *77311
Heptane 79832
Heracleum sphondylium 81705
Heraldry *94660
Herb Society of America 40336
Herbals 12939

Item

Herbariums 28419 28474 38338 38346 38381 47201 64128 75022 89250 *61 *47151 *52038
Brazil *28430 *28431
California 80868
India 72271
Iowa 56171
Mexico *47353
New Guinea 72332
Papua 72332
pests 93352
Union of South Africa 28382
See also Plants, collecting and preserving; and names of herbariums.
Herberta *89403
Herbicides 2384 2409 2411 3455 13581 13646 13654 21362 21372 21375 21394 21406 24383 30514 30522 30538 30545 30548 30553 30568 30573 30579 30595 30603 30608 30631 40257 40267 40271 40302 40307 48679 49239 49261 49297 49299 49315 57916 57925 57946 57977 57983 57990 66018 66939 74233 74273 74329 74439 81164 82570 82572 82573 91006 91015 91030 93494 *2346 *2381 *2392 *13554 *13564 *13574 *13615 *21369 *21399 *21418 *30512 *40272 *40279 *40306 *43255 *49249 *49268 *49321 *49323 *64513 *72591 *73212 *74304 *74337 *82548 *82550 *82575 *89521 *90995 *91064
adjuvants 21379 30524
analysis and composition 57952 65968 *13579
application 12306 30496 30497 30507 30508 30613 69295 *30566 *82574 *91041
equipment 17397 25405 25410 53150
Argentina *66011
Australia 56359
Belgium *80706
Canada 2334
conferences and congresses 30632
Cuba 74326
Denmark *49302
droplet size 30528
effects on equipment 34949
effects on plants 12486 13625 20263 20308 20378 29260 29433 39047 47876 47896 47914 47937 47938 48029 64749 64838 73135 73175 85450 89990 *12302 *20417 *39069 *39107 *47996
hazards and safeguards 2371 23302 24440 30498 30625 30626 49248 *49300 *49301
in soils 74478
Indonesia *82555
Kansas 66039
New Zealand 19920 74331
Philippines 11634
pre-emergence use 2391 12460 13530 13553 13555 13582 17397 21376 21392 21413 30495 30576 30611 30629 57968 64837 65946 74332 *29420 *91077
prices *64325
Puerto Rico *40296
regulation and inspection
Denmark *13557
Venezuela *81196
research *16241
residues 30626 30805 30806 47362 62558 64838 81747 95065

Item

Herbicides--Cont.
situation and outlook 24454
synergism 21415
tests 13622 16270 21338 21339 21345 21359 21360 21380 21412 21414 40295 49285 65973 66010 91082 *2339
toxicity 30572 30626 33947 57941
wildlife 85444 85445 85450
Union of South Africa 91060
U S S R *49325
Wyoming 13535
See also Weeds, control; and names of herbicides.
Herbs 2445 13679 21454 40323 49369 53690 58023 58057 66059 74370
associations 40336
California 66073
culture 13691 13713 82602 *66062
Belgium 30664
Germany *30672
Netherlands 30653
New Zealand 66063
Southern States 66049 74359
Florida 74351
Gt Brit 49348 49354 66052
harvesting 58043 69442
history 49354
Italy *49335
Netherlands *2420 *21442
utilization 13713 51366 *18469
varieties 13684 66086 74350 74398
Hercospora *72505
Herdbuchverband der Schwarzbuntzüchter Sachsen-Anhalt *23308
Herdfordshire vaccine 5299 *15828
Hereditary diseases 75876 *22998
cattle 15476 84053 *15406 *76664
dogs 15599 67837 84502
horses *15684 *42472 *76664
sheep 16000 *85097
Heredity. See Genetics; and subhead genetics under names of animals, insects, and plants.
Hereng A *67203
Hericium *56348
Herina 16716
Hermaphroditism 81434 *73016
cattle *59646
dogs 92749
horses 5097
insects 17078
poultry *60186
swine *16081 *43076
Hermetia *43528
Hermidium 72410
Hermione 60986 *68755
Hermione calceata *24860
Hermione meigeni *24860
Hernández F *89249
Hernia 76375 83831 84515
See also types of hernia.
Herophydrus *77713
Herpotrichia *20029
Herpotrichia nigra *20070
Herrings 63187 *37025
freezing *95577
preservation *37015 *54949 *54962 *71181
Herrod-Hempsall W 19632 19658
Herse convolvuli 17062 43840 *16981

Item

Hertzian wave 23660
Hesperia comma 78093
Hesperidin 70637
Hesperiidae 78204 *25032 *43795 *68960 *85995
Hesperioidea 34577 *34585
Hessian fly. See Phytophaga destructor.
Hestimoides 93778
Hesycha 52421
Heteroauxin. See 3-Indoleacetic acid.
Heterobabia n g *34265
Heterocephalum aurantiacum 28709
Heterocera. See Moths.
Heterochromatin 24815
Heterocorideus n g *85870
Heterodera 43671 64586 81353 81366 *72903
Heterodera marioni 3104 14248 *12051 *56623 *72906 *89747
Heterodera rostochiensis 605 610 613 20121 29038 38837 38844 72912 89740 89748 89749 *38835
Peru 72886
potatoes 29048 81358 *47685 *81365
Heterodera schachtii 89746 *616
Heterodoxus longitarsus *61316
Heterogaster *85873
Heterogaster urticae *85873
Heterographis *61189 *78058
Heterogria *68688
Heterometopia n g 93778
Heteronychus consimilis 85657
Heteronychus sanctae-helenae 16652 60810
Heteroploidy. See Polyploidy.
Heteropogon contortus 704 20648 29685
Heteropsylla 43635
Heteroptera 68828 77969 *68832 *85846
Austria *52445
Gt Brit 43688 61071 61072 77965
Marshall Islands 61095
Netherlands 85852
U S S R *34488 *93994
Heterosis 750 2319 12704 12850 13461 38971 47825 73055 81469 89076 89077 89084 89085 89104 *764 *12641 *38963 *47832 *65259
animals 83702 83712 83722 85173
horses *23560
insects 85735 93893
plants 81465 81478 81481 81488 81500 81503 81509 81517 81518 *2262 *12221 *12614 *81505
poultry 23732 23744 33113 42536 84766
swine 33653
Heterosporium eschscholtziae 402 64419
Heterotermes cardini 43921
Heterothalamus psiadioides *54944
Hevea 13671 49343 95424 95427—95429 95433—95435 95439 95442 95448 95460 95480
anatomy and physiology 64628 81684 *49336
Brazil *82612
Ceylon 74340
culture 2449 58053 *82616
Bolivia *21432

*Text of this reference is not in English.

Item

Hevea--Cont.
Brazil *74339 *74392
Colombia *2504
Indonesia *17258 *21472 *40380
Malaya 21453
Peru *58024
diseases 72690 72796 *11933 *64514 *81187 *81255
Ceylon 56462 72797 72798
Indonesia *47598
Malaya 38741
fertilizers 14012 74915 30654
history *63040
Latin America
plantations
Africa *55355
Asia *55355
planting 91133 *82616
propagation 21433 21440 56576
properties 54823
tapping *13678 *87985
taxonomy 56237
varieties 58001
*30695 *30705
yields 82608 *87985
See also Latex; Rubber.
Hevea brasiliensis 29377 95430 95453
anatomy and physiology 39125 64823 89975 90114 *64856
breeding *2487
diseases *11663
injuries 351
planting *13663
yields 89943
Hexachlorocyclohexane. See Benzene hexachloride.
Hexachloroethane *60857
Hexacolus *6432
Hexaethyl tetraphosphate 33872
Hexagenia occulta 52878
Hexamethylenetetraminehodanite *15402 *92587
Hexamitiasis 84886
Hexane 9409 9394 18613 36708 70910
Hexaploidy. See Polyploidy.
Hexaptera famatinensis *11445
Hexatoma 6505 16666 52497
Hexestrol 76780
Hexetone *4625
Hexylcaine hydrochloride. See Cyclaine.
Hexylresorcinol 23327
Hibiscus 13278 65504 65621 82427
diseases 47524
fiber plant *29658
Florida 65561
Gulf Coast 65613
Union of South Africa 73481
varieties 40069 40073 *48960
Hibiscus cannabinus. See Kenaf Hibiscus.
Hibiscus rosa-sinensis *81623
Hibiscus sabdariffa altissima 90289 93958
Hickory. See Carya.
Hides and skins
analysis and composition 18511 62813 62821 70809
bacteria 95259
Basutoland 18503
care and handling 36644 36670
cattle 62858 *9255 *9310
chemistry 54596 70809 79684
defects 70857—70859 95259 *36605 *45696 *95290

Item

Hides and skins--Cont.
goats 18566 54657 70885
Gt Brit 45661
Spain 79682
Sudan 79745
grading and standardization *18554 *87775
history *95223
India 26804 36532
industry 70806 *62770
Belgian Congo *54584 *95254
Brazil *54561
British Colonies 9196 9267
Libya 70790
Madagascar *45618
marketing 9196 9267
molds *45696
packing 18566
pests *52096
prices 18578 54656
processing 9336 18566 18588 36643 36651 36652 45717 45725 70880 79751 87798 87801 87812 95306 95310 95311 95313 *9337 *9341 *9342 *9369 *18599 *36619 *45708 *45711 *62885 *87806 *87808
bibliographies 70878
U S S R *26885 *36635
products 62359
properties 45650 62818 79684
quality 68730 *70848
rabbits *9254 *36676 *45708 *45688 *54609
research 9189
sheep 9297 76962 85337
care and handling 54673
Gt Brit 45661
marketing *45663
Norway *87178
processing 36654 54673 87800 *26342 *36639 *45718 *54668 *62866 *62867
Spain 79682 *70900
taxation
France *46162
situation and outlook 9191 54555 70784 70791 95251 *9169
storage 62821 95311
swine *45616 *54558
trade
Spain 79682 *80599
See also Furs; Leather; Tanning.
Hieracium 47270 *11508 *89371
Hieronyma *72372
High frequency heating 22612 22627 41495
in food processing 45723 87625 *86755 *87631
in grain drying *57093
in pest control *16201 *43219
in wood processing 59141 *14869 *31939 *31949 *58946
Highland Forest 75187
Highways. See Roads.
Hikurangi Co-operative Dairy Co 94784
Hilara maura 52579
Hilaria 20270
Hill reaction 20290 29400 *29484
Himalayan pine. See Pinus griffithi.
Himalayachilis n g 34725
Himalopsyche 61305
Himanthalia lorea 20171
Himmacia crossota. See Machimia crossota.
Hincks W D 68896
Hipparchia *17039

Item

Hippeastrum. See Amaryllis.
Hippelates 6518 43560 77824
Hippoboscidae 52500 77908
Hippocrepidum 11593
Hippomane mancinella 13565 40270
Hippophae rhamnoides *47919 *66066 *74360 *74404 *78206 *94108
Hippopsis lemniscata 56444
Hippurus 15681
Hirneola 81094
Hirota N 64244
Hirstiella 93703
Hirstionyssus santos-diasi 52396
Hirsutella 28695
Hirtella 11455
Hirth W A 11271
Hirudinaria 11593
Hispibaris n g *60834
Hispidae *6483
Hispinae 85699 *34295
Histamine 15578 15956 *43366 *59366 *83903
Histeridae 85683 *16638
Histiocyte
dogs *4923
Histiostoma laboratorium *85585
Histomonas meleagridis 84852
Histomoniasis. See Blackhead
Histoplasma capsulatum 23651
Histoplasmin 23378
cattle 4654 23378
dogs 15592 51370 51376 59859
Kentucky 15601 23507 92761
History 19617 28322 47050 64023 74409 *11244 *38236 *38239 *47039 *56035 *64014 *72208 *89125 *89127 *96220
Ancient Rome *72203
Argentina *28323 *47063
Austria *64016
Belgium *89122
Canada 5107 9211 9238 11242 11245 72196
Quebec 19634
Caribbean Area 27967
Cuba *72182
Denmark *11258 *11265
France *72187
Georgia 19636 64015
Germany *56026 *72191
Gt Brit 11248 11278 28291 38202 38226 38235 38242 56031 89120
Scotland 80785
Idaho 11251
Iceland *80787
Italy *19640
Indonesia 38217
Latin America *11234
Morocco *11236
Netherlands *56035 *64045 *80757
New England 80407
New Mexico 28295
New York 55165
New Zealand 11255 11256
Norway *28287 *96211
Oregon 19635
Southern States 11254 63329 80755 96207
Spain *80782
Tennessee 56040
Union of South Africa 64043 *47065 *64026 *64027 *80756
U S S R *64031 *64051
Uruguay *11249
See also under specific subjects.
Hitches 69331 78408 *17404

Item

Hoary cress. See Lepidium draba.
Hoberlandtia n g *6691
Hobro og Omegns Landboforening *11265
Hock 23347 *84671
Hodgkin's disease 33744 *93151
Hodotermitidae *25129
Høeg N *19644
Hoehne F C *64029
Hoematococcus droebakensis 236
Hoes 53017 *7078 *53032 *69201 *86229
Hoffman F *77180
Hofmannophila pseudospretella 61251
Hofmeister W *19653 *47164
Hog cholera 85270 * 5832 *16105 *60462 *68340 *77114 *85228 *85256 *93249 *93254 *93272
Algeria *85241
control 33715 85252 *16106 *33746 *85239
diagnosis 85232 85251 *24306
eradication 43078 85252 85281
Uruguay *5825
France *5810 *93250
Germany *24289 *24306 *33723
Gt Brit 43067
guinea pigs *24283
immunization 50858 60475 85242 93241 *5836 *60474 *85263 *85265
Philippines 5839
prevention *33746 *43077
rabbits *24097
vaccines 5795 5829 5850 5851 51962 85236 85250 85260 85261 85268 93241 93243 93264 *5830 *33736 *85237 *85263
virus 5848 85243 85244 85260 *24283 *33707 *68329
Hog louse. See Haematopinus adventicius.
Hogs. See Swine.
Hohenheim Landwirtschaftliche Hochschule *88768
Höhere Bundeslehr-und Versuchsanstalt für Gartenbau Wien-Schonbrunn *1576
Höhere Landbauschule Schleswig *10718
Hoists. See Elevators.
Holcencyrtus *6736
Holcocephala 34308
Holcostethus vernalis 68829
Holcus exiguus *73191
Holden Arboretum 11366
Holfidal *85617
Holford G H 72205
Holland W J Butterfly book 85949
Holly. See Ilex.
Holly oak. See Quercus ilex.
Holly Society of America 57705
Holly leaf miner. See Phytomyza ilicis.
Hollyhock. See Althaea rosea.
Holocellulose 92144
Hololena curta 52575
Holomitrium xolocotzianum 64251
Holopterna See Hoplopterna.
Holosteum umbellatum *38699
Holst State Forest (Iowa) 41163
Holstein-Friesian Association of America 84081 92440

*Text of this reference is not in English.

Item

Holtensen Versuchsgut Forschungsstelle für Zuckerrubenbau *39618
Homalla lusitanica *201
Home decoration 56064 56068 56075
Home demonstration work. See Extension work, home demonstrations.
Home economics. See Home management.
Home freezers 7564 7621 7623 7624 27001 34943 35402 53525 69687 86581 87786 95316 *94596
Colorado 17674
Kansas 53563
Home Grown Threshed Peas Joint Committee 21263
Home management 19679 19683 27652 28202 28341 38248 38252 38253 46734 56047 56049 71914 71942 80236 89136 96226
bibliographies 56073 80720 89135 95806
conferences and congresses 19682
research 10653 10828 38113
study and teaching 10810 37862 *46960
Brazil *10824
Gt Brit 27941
India 80793
Sweden *11285
work management 11282 38259 47080 47085 56067 96223
See also under 4-H Clubs.
Homeopathy 15185 *41776 *75825
Homeria 74270
Homesteading 27771 88602
Homocystine 68010
Homoeosoma *52744
Homoeosoma pseudonimbellum *78181
Homogentisic acid 20453
Homonoea 93778
Homophoeta *77662
Homoplectra 34698
Homoptera 43640 43679 85857
Auchenorhyncha 61037 68836 *68871
Homotoicha 6870
Honckenya 38935
Honduras Secretaría de Fomento Agricultura y Trabajo *11172
Hönes *78103
Honey 26767 26768 36456 36466 45596 45600 70775 79645 *9166 *36464 *43276 *45598 *62760 *79643
advertising 18465 18473 18482 *9148 *36463
analysis and composition 9150 79636 79639 79640 93643 *6279 *9160 *18476 *26762 *45601 *79647 *95209
Australia 18461 62764 87690
care and handling 70774 77560 *62765
chemistry 9149
comb 68561 68585 77365 77425 *6241 *24591
containers 54547
contamination *9153
cookery 96142
cooperatives 18486
costs and returns 10380 *10396 *37623
enzymes 9149

Item

Honey--Cont.
extraction 6294 24508 24528 52258 *16410 *24612 *85476
equipment 16340 24500 24609 34064 52233 52295 77434 *6217 *6250 *34057 *34116
feed for bees 85483 93643 *24477 *34144 *52207 *77322 *93657
Germany *18468 *24598 *79648 *87693
grading and standardization 9146 26770 *9162 *79647
granulated 26760 45595 54549 *9159 *36461
history *6259 *70771 *87691
India 95216
industry 6153 9154 18479
labeling 79642 *18467
marketing 6294 9151 9158 9161 26763 26766 36470 60743 70774 79642 79646 87692 95212 *18483
California 79635
France *79644
Germany *54552 *79641 *95214 *95215
Gt Brit 36462 36467 62758
Netherlands *70769
Norway *54551
Pennsylvania 87696
Scandinavia *95213
Sweden *62761
Union of South Africa 36460
Vermont 95217
nutritive value 72135 *11122 *11143 *18477 *38137 *38145 *63946 *72147 *80693 *89047 *89064 *96158
packing 24508 26763 34152 36469 36470
prices 94584
Norway *36472 *95218
processing 18486 60692 62763
products 45597
properties 54548 87689 *9147 *9152 *16421 *26762 *87694
public relations 18472 95210 95211 *62766
quality 52258 18466 *18470 *18471
shows 62759 79633
situation and outlook 6154 9157 36457 *18481 *26765
statistics 18484 26769 36471 45602 *9165
storage 45595
Sweden *54550
Switzerland *9165 *36465 *79638
therapeutic use 9155 9156 45599 *9163 *9166 *9168 *18477 *18478 *23520 *63946 *70772 *75885 *80693 *89064 *92341 *96158
toxicity 6139
trade *28135
Australia 55850
Germany *28135
India 55850
types 2476 95216 *18468 *18471 *77397
utilization 9164 26764 36468 87689 *18469 *18480 *36458 *70773
yields 6189 24544 *6158 *6229
See also Apiculture, honey production; Hydromel; Mead.
Honey Bee Improvement Cooperative Association 60693

Item

Honey flows 77369 *24561 *24641 *24658 *33988
forecasting 34004 *77507
Germany *77443
Japan *68587
Switzerland *52308
U S S R *24605 *34036 *52214 *77544
Honey plants 1425 1895 2433 2465 2476 6088 12786 13666 13714 13716 20741 21430 21443 21461 30663 40372 43341 43369 49351 49365 66054 74368 77396 82628 91108 91132 *2032 *2415 *2430 *2441 *2451 *2452 *2456 *2491 *2494 *2496 *3289 *6284 *13660 *13661 *13721 *16344 *16709 *20979 *21428 *21447 *30642 *30660 *30669 *30671 *30678 *30691 *30694 *30706 *30708 *34134 *34143 *40353 *40355 *49346 *49378 *58005 *58047 *66070 *74356 *74362 *74366 *74376 *74389 *74390 *82599 *82613 *82614 *82638 *82644 *91103 *91111 *91117 *91122 *93604
anatomy and physiology 39216 *694
Austria *13687 *13700 *24612
China *30680
Denmark 6170 *66091 *68553
fertilizers *21762
France *30651
Germany 34142 *13724 *21464 *58022 *65140 *74402 *82598 *82606 *82611
Italy *58018 *58019 *74349 *74869 *91128
Netherlands *33960 *33961
Norway 16912 *58040
seasonal *13720 *13723
Spain *2499
Sweden *13736 *21476
Switzerland *74401
Tropical America *66074
U S S R *21445 *21452 *21467 *21477 *24561 *40362 *49367 *74357
Yugoslavia *82600 *91114 *91115 *91123 *91125 *91131
See also names of honey plants.
Honeycombs 34105 60692 60725 93619 *16386 *24568 *77502 *93557 *93558
construction 93556 *6311 *24513 *33997 *34048 *34069 *85474
wax foundation *24671 *52260 *68541 *77456 *93648
Honeydew 17173 43633 85842 86090 *6121 *6279 *16339 *16865 *17053 *24504 *33981 *43686 *60687 *61084 *73137 *73161 *73240 *77391 *77415 *77533 *77954 *77960 *77980 *85525 *93629
analysis and composition 34458 52639 93975
feed for bees *24654 *33962 *52310
Hong Kong Dept of Agriculture Fisheries and Forestry 96174
Hood, C. H., Dairy Foundation. See Charles H. Hood Dairy Foundation.
Hoofs
cattle
care 84309 *76304 *84256
diseases 4577 *59691 *93842
injuries 4706
fractures 50910

Item

Hoofs--Cont.
horses 59971 84694
care *5068 *5072
diseases *15680 *51497 *59943 *59963 *92834
injuries *51488
surgery *5046
Hookeriopsis 72444
Hoorn Vereniging tot Exploitatie ener Proefzuivelboerderij *53954
Hop Marketing Agreement 37028
Hoplia philanthus *60828
Hoplismenus *61126
Hoplites *6432 *85918
Hoplocampa *34541 *61109
Hoplocampa brevis *6716 *77818 *85892 *85911
Hoplocampa flava *34544 *52731 *61104
Hoplocampa minuta *34510 *34544 *52728
Hoplocampa testudinea 6720 16894 34518 61110 68904 *16234 *25003 *34519 *52736 *85892
Hoplocrates 94036
Hoplomutilla 43734
Hoplopterna alata 43656
Hops 66056
analysis and composition 9733 27227 27230 37040 62740 79998 80004 80011 *18409 *18826 *18833 *18835 *27217 *27228 *37026 *37035 *53658 *62741 *71195 *95580 *95588
anatomy and physiology 64644 *13662 *90045
biochemistry 39238
chemistry 27221 80005
culture 21474 82631 *21439
Argentina *91097
Germany 13665
Lebanon *30677
Mexico 40369
Spain *40327
Union of South Africa *21468
diseases 443 56397 56521
drying *54965
equipment 22657
germination 2483
Gt Brit 9907 9938
harvesting 9938 61450 80119 94341
history
Germany *71196
Gt Brit 95579
industry *27220
Argentina *54955
Australia 37030
Austria *54956 *71184
France *37038
Germany *71196 *95583 *95584 *95587 *95602
New Zealand 9721
irrigation 91400
Italy *49130
marketing 27225 37028 *37012
New Zealand 30647
Pacific Coast 13711
pests 68809 93461 *16519
processing 88133 *7828 *18838 *71198
properties 37040 *18826 *46051 *46058
quality 9722 9738 27221 27230 63191 *18409
regulation and inspection
Gt Brit *9726
Oregon 80001
research
Gt Brit 27222

*Text of this reference is not in English.

Item

Hops--Cont.
situation and outlook 80000 *30641
Germany *9736 *37037 *37039
Spain *37024
trade
Germany *38029
Gt Brit *11007 *55865
Netherlands *46943
Switzerland *88975
utilization *7770 *7774
varieties 78931 91101
yields *2477
Hordeum spontaneum *47840
Hordeum spontaneum nigrum *38742
Horisme aquata 52765
Hormaphis hamamelidis 16849
Hormel Institute. See Minnesota University, Hormel Institute.
Hormiscium oleae 72673
Hormones
animal 3844 4042 4133 15173 22814 32404 41781 75834 75874 75962 76278 *4436 *32282 *32324 *32352 *41839 *50825 *50904 *75956 *83696 *92257
effects on cattle 23154 23335 67656 76050 76273 *4436 *4534 *5444 *15457 *32757 *42008 *59412 *59620 *76262 *92417
effects on foxes 32957 42414 92777
effects on goats 42941 *33590
effects on horses 15666 67909 *59943
effects on minks 32957 42414 92777
effects on pigeons 33296
effects on poultry 15800 23921 23925 23944 33207 42613 42667 42673 42691 42834 51653 76804 84891 *5444 *15799 *23848 *23967 *32282 *33299 *33331 *59412 *68014 *68064 *76728 *92963 *92969
effects on sheep 42903 *16002 *76997
effects on swine 77129 77136 *33729 *33756 *51996 *77104 *85188
effects on turkeys 23774 23897 76773
in arthropods *16141
in cattle 15408 42230 *42137
in insects 6694 33795 33826 34623 *60642 *60936 *61284
in pigeons *5302
in poultry 51622
in rabbits *5581
in sheep 68236
plants 12339 12382 12387 39247 47885 47899 47971 48094 56762 56834 56841 56887 56905 64575 64730 64775 83400 *1031 *1078 *5774 *11863 *18325 *29230 *29231 *29352 *29483 *39005 *47610 *47981 *47984 *48155 *64779 *64816 *73212 *73275 *81341 *81630 *81662 *81726 *84205 *92549
See also Androgens; Estrogens; Gonadotropins; Growth substances; and names of preparations.
Horn fly. See Siphona irritans.
Hornaday D 52739
Hornets *34020

Item

Horns 9231 *4632 *32753 *68197 *85125
Horogenes punctorius 17111
Horse fly. See Tabanidae.
Horsebeans *82047 *82050 *89616
Horsechestnuts *50737
Horsemeat 87757 *62827
Horseradish 8837 17744 48159 66048
diseases 38687 72770
Horses 33080 51499 59980 59988 76669 76672 92882 *59987
abnormalities 15486 51480
age 5043 33006 84711 *51485 *51502 *92830
anatomy and physiology 5037 15486 33061 42483 51484 76654 92864 *15654 *15689 *15690 *23644 *23645 *32309 *33064 *42455 *42462 *59964 *67913 *67917 *76648 *76652 *76656 *76662 *84706 *92797
Argentina *5009
Arizona 42501
army 23693 84625
associations 23568
Australia 67869
Belgium *67946
bibliographies 92878
Brazil *33084
breeding 4983 4987 5005 5006 23587 32995 33006 33014 42433 42503 51452 67893 67901 76617 76624 84591 84632 84648 92795 92806 *5012 *32996 *33026 *42428 *51474 *67870 *67881 *84626
Argentina 84625
Austria *5008 *51459 *51460 *67889
Brazil *76611
California 33008 84619
Colombia *23579
Czechoslovakia *15652
Denmark *92821
effects of feeding *67888
Germany *4991 *23585 *23588 *23602 *33001 *33018 *33027 *42438 *42445 *42446 *51464 *67871 *67874 *67891 *76612 *76625 *84589 *84612 *84623 *84635 *92817 *92818
Russian Zone *84598
*84599 *84600 *84609 *84617 *84622 *84636 *84721
Gt Brit *4990
history *76625
hybridization *23596 *33002 *33004 *51455 *67880 *92815 *92826
U S S R *23560 *23577 *67876 *84590 *92813
Iceland *4989
Ireland 92794
Israel *67882
Italy *59915 *76614
Lebanon *59905
Morocco *4988
Netherlands *4984 *67878 *67883
North Africa *32994
Norway *15655 *92792 *92805
Spain *67887
Sweden *4994 *32999 *42437 *51465
Switzerland *51451
Union of South Africa 59907 *33009
U S S R *23566 *23583 *23592 *23594 *23598 *23600 *23604 *32998 *33013 *33019 *33022 *51454 *51458 *51461

Item

Horses--Cont.
breeding--cont.
U S S R--cont.
*59911 *59916 *59919 *67879 *67890 *84603 *84610 *84613 *84614 *84627 *84629 *92798 *92802 *92809
breeds 4987 33003 33076 42448 *4990 *5009 *32998
American Quarter Horse 5000 15661 42441 67892 76647 84593 92800 92806 92816 *15660 *15663
American Saddle Horse 42425 42434
American Trotter 92801
Appaloosa 42435 92808 *23595
Arab 4997 15659 15679 15687 23570 33004 33011 33014 59908 67893 *4992 *59905 *59909 *76625
Ardennes *5001 *33010 *42452 *67880 *76618 *92812
Barb *32994
Belgian *4984 *76622 *84633
Brabançon *84592
Breton *51467 *84630
Budennyi *23582 *51503
Canadian *15657 *92824
Clydesdale 54615
Criollo *15690 *76611 *76623 *84634 *92826
Crioulo *4996
Dales Pony 4986
Dartmoor Pony 32995
Døle *92810 *92811
Fell Pony 4986
Fjord 5002 *92821
Hackney 59940
Hafling *5003 *33000 *33028 *51459
Highland Pony 4986
Holstein *67878
Hutsul *23603
Jura *76616
Kabarda *92802 *92813
Karabair *23696
Kazakh *92803
Kustanai *23584 *84616
Latvian Draft *84601
Lipitsa 15650 92804 *76619 *92797
Mangalarga *23567 *42436 *84607
Morgan 5010 23564 42447 51466 59910 84596 84608
Murge *42424
Oldenburg *67883 *67889
Palomino 4985 59906 84618 84621 84637 92819
Pechora *59918
Percheron 33004 *23683 *51453
Persian Arab 4997 33011
Pinto 42433
Russian Trotter *84603 *92827
Shetland Pony 92807
Tennessee Walking Horse 15649 23573 33024
Thoroughbred 4993 5105 15665 15693 23562 23578 23580 23589 23610 33004 33024 42442 42460 59946 59951 67868 67877 67884 76613 76617 76626 84595 84597 84605 84619 84631 84639 84694 92794 92796 92799 92806 92829 *5036 *15675 *15676 *33078 *51454 *51456 *51473 *76614 *76615 *84602 *92813
Trakehnen *23579 *42443 *51464

Item

Horses--Cont.
breeds--cont.
Vladimir Draft *23586 *84590 *84604
Vyatka *23574
Welsh Cob 4986
Western pony 84611
Canada 5107 67872 *42495
care 15703 15706 33087 51498 59937 59982 59984 59985 59986 67932 *15674 *15704 *33072 *36598
Australia 33073
Germany *23625 *51469
seasonal *42492 *51500 *51509
Switzerland *67913
U S S R *23571 *23686 *23692 *51508 *67880 *67935 *67942 *84627 *84731 *84734 *92869 *92876
color 76653 92819 *15654 *23591 *33070 *42462 *76644
conferences and congresses
U S S R *23675 *33085 *59917
costs and returns 42504
cow horses 92871
training 23671 42490 59976 67936 84611
Cuba *67948
cytology *59966 *84700
Denmark *42489
dictionaries 76671
diseases 5085 13823 15706 23624 23695 33087 42500 51499 51510 59986 84648 *5096 *59935 *84703
Argentina 84683
Australia 84647
Germany *67902
Iran *33041
Malaya 67899
research 5041 23627
Switzerland *5084
treatment 33071 67905 84679 *5051 *23631 *42479 *84649
Venezuela *23619
Yugoslavia *84682
dissection 42483
doping 5088 *84664 *92845
draft 33074 51506 59985 *23604 *23650 *23694 *42438 *67881 *78558 *84626 *84633 *84640 *84719 *84738 *91970
Australia 32997
Austria *15697
Belgium *42444
Canada 5110
Germany *5014 *6988 *23588 *52987 *67871 *84589 *84623 *84742 *92873
Russian Zone 84617
Gt Brit 4986 17430 51453
Indonesia *4035 *92877
Netherlands *5103 *15707 *67873 *78570 *84724
Norway *15655 *92811
records and testing *5109 *15697 *84728
Sweden *46496
U S S R *23605 *23617 *23686 *23699 *23701 *32461 *33081 *59911 *59912 *67876 *84675 *84730 *84741 *92812
enclosures 44328
estrus 5089 51496 67884 *5028 *32686 *84661
evolution 33090 67944 84631
exercise *42485
farms and ranches 23698 76444 78648
Brazil *76623

*Text of this reference is not in English.

Item

Horses--Cont.
farms and ranches--cont.
Maine 15659
Spain *51501
U S S R *5111 *23600 *23697 *27618 *29766 *33077 *33088 *33089 *42505 *51509 *57296 *59919 *67879 *67895 *67934 *67943 *84737 *84743
Yugoslavia *92843
feed relations *42451
feeding and nutrition 15665 23607 42430 76627 76630 84639 92864 *5013 *5015 *23620 *32619 *33029 *42450 *59950 *76618 *76628
Germany *5014 *42449 *51469
Indonesia *90367
Netherlands *59950
Norway *33031
pasture and range 5017 12722 15664 40844 59920 *5014 *23606 *42452 *51468 *59950
U S S R *5022 *23605 *23608 *33021 *51487 *59921 *84643 *84645 *84731
fertility 4378 67884 92799 92820 *5028 *41657 *92825
folklore 15696 92880 *33091
fossil 33090 *23670
France *23677 *76620
gaits 42506 67947
genetics 4983 67886 84625 *15654 *23571 *23582 *23591
Germany *33079 *84720 *84725 *92828
Gt Brit 5007 15662 23576
habits and behavior 51507 *23691 *33049 *59942 *59989 *67931
history 23672 33075 33076 33090 59910 92823 *23703 *33091 *59983 *76668 *92874
Balearic Islands *42498
California 67939
Canada 67941
Gt Brit 67944
Latin America 36488 *5117
Spain *67940
Union of South Africa *33009
U S S R *23583 *67929
hybrids
U S S R *23566 *84728
identification 23685 67938 *23678
illustrations 23684 *23682
in art 23674 42493 59978 92870 *23702 *23703 *33091
in literature 42475 *23703
injuries 5039 5045 *15683 *24560 *59955
treatment 23660 33071 *84698
Israel *15701
Italy *5100 *76670
judging 59990 84597 *5113 *23567 *84723
labor *51458
marketing 26837 42431 54615 54627 84593 92829
multiple births *33047
names 84605
Netherlands *36544 *51511
New England 9210
Norway 5002 *23590 *33015 *92825
parasites 5021 15682 23609 23634 23651 23662 42486 51477 59261 59975 *5058 *5062 *15676 *23668 *33062 *42473 *43524 *76655

Item

Horses--Cont.
parasites--cont.
Australia 59969
Germany *59967
Kentucky 5091
Mexico *84681
parturition 59934 59937 59951 84697 *5070 *15674 *15678 *23641 *23646 *42454
pedigrees 23580 42431 92801 92823
Australia 15648
Germany *84589
Netherlands *67875
Peru *5112 *84733
pests 16492 *34323
poisoning 5025 5042 5079 15672 15681 51244 59931 67911 84285 84647 *4642 *5033 *5054 *51479 *84663
pregnancy 15666 15679 15687 *5027 *5036 *5055 *23625 *23667 *42476 *51492 *59909 *59939 *59942 *59958 *84630 *84675
diagnosis 84659 *5035 *5069 *5092 *15675 *23661 *33038 *59957 *59960 *59961 *84396 *92840
prices 54615 54627
purchasing *54624 *62834 *70834
racing 23690 67886 76613 76654 *51503 *59981 *76615
Japan *84735
New Zealand 51462
U S S R *92809
records and testing 5006 67877
Germany *5106 *42499 *84723 *84742
Russian Zone *84722
U S S R *23681 *23683 *33078 *33082 *59977 *84592 *84604 *84718 *84739 *92879
research 5118
saddle 42504 51512 84591 *33002 *33082
selection 15706 23695 33087 42488 42500 51510 *32996 *51456 *92798
shows 5119 51463 51504 51505 67930 67945 *33084
Austria *33028
Brazil *4996 *23673
Cuba *15663
Germany *5098 *15698 *23585 *33018 *33027 *42499 *67891 *84720 *84725
Russian Zone *83995 *84721
U S S R *23586 *23679 *23688 *67933 *84732
slaughtering *5099
Spain *42494
statistics 26907 *9378 *26914 *26916
stud books 3840 15662 23576 33016 42427 51463 67869 67872 *23563 *76620 *92828
Belgian *42444
Clydesdale 32997
Dole *33015
Fjord *23590
Shetland Pony 33020
Thoroughbred 5011 15648 23569 42432 51462
Southern Rhodesia 15700
surgery 5097 42482 *5064 *23653 *51494 *84655
Sweden *15699 *33083 *34987
Tennessee 33024
theft 15705
trade
Belgium *63876

Item

Horses--Cont.
trade--cont.
France *96087
Union of South Africa 33014
training 5101 23689 23700 42425 42491 42496 42497 42506 42507 51512 59979 76666 76667 84595 84727 84729 92795 92796 92867 92872 92875 *23676 *23694 *23696 *76665 *84664 *84726
transportation 5104 70837 95269 95283 *36598
types 23570 51452 51457 54627 92800 *5099 *23687 *59912 *67937
Union of South Africa 3840 *84740
U S S R *84645
war use 5115 5116 *5114
weight and measurement *5096 *42462 *51455 *76618 *84602 *84607 *92817
wild 42502 *23676
wounds 76647 92832 92865 *15685 *42453
See also Foals; Stallions; names of anatomical parts, diseases, and parasites; and under Anesthesia; Artificial insemination; Castration; Cesarian section; Fetus; Obstetrics; Ovulation; Semen; Serum; Spaying.
Horse's milk *92868
Horseshoeing 5063 7043 25259 44032 59971 61402 86214 *15680 *25272 *34830
Horsetail. See Equisetum.
Horticultural Education Association *73719
Horticulture 1575 12224 12941 20811 21071 29875 29906 39683 39686 39688 39700 44046 48687 57403 57431 82140 89889 90502 90514 90515 90521 90541 *29887 *73736
accounting *95479
advisory services 1583 *65294
as an occupation 12909 29913
associations 90513 *90528
Australia 1586 12937
Austria *1619
Belgium *10881 *39668 *73715
Benelux *39668
Brazil *29877
California *48675
Canada 1582 12919 12925 12931 48668 73707
Colorado 57408
directories 1595
encyclopedias 29905 48667
equipment *17297 *17485 *34783 *34810 *52950 *69122
Europe *62469
France *82138 *90519
Germany *1569 *12914 *29891 *29912 *71419
Russian Zone *82128 *82134
Gt Brit 1557 20785 20790 20802 20821 20828 39665 45275 73728 82132 *73718 *73719
history 1605 20799 *57426
Indiana 1559
Italy *1591 *20787
Japan *39667
Massachusetts 90523
Michigan 57418
Netherlands *293 *29909 *45279 *48685 *55027 *57419
New York 90509
New Zealand 20795 20801

Item

Horticulture--Cont.
Northwestern States 48660
Norway 29889
Oregon 61882
public relations 57434
research 57412 65295 90136 90534 *64040
Argentina *20817
Australia 1604
Belgium *48670
Canada 12902
Germany *1579 *1589 *73733
Gt Brit 1583 82129
Morocco *20791 *20814
Netherlands 20800 20829
Norway *73723
Tennessee 39682
Rocky Mountain Region 39669
shows *20786 *29908 *69122 *78327
South Dakota 65309
statistical methods 1677 1852 90529
study and teaching 1616 12938 39664 90510 90522 90527 90535
Austria *12916 *39666
France *57432
Germany *48669
Netherlands 20810 *12908 *12947
Norway *1558 *29881 *73723
Tunisia *73709
Switzerland 1600
terminology
Norway *12921
Washington 73732
Hortus medicus amstelodamensis *72286
Hortus Third 90521
Hoses 3522
Hoshikadania n g 60792
Hoshikadania konoi 60792
Hospitals 71868 80492 88752
community 19332
North Carolina 10767 71889
Texas 71813
veterinary 17460 23034 32935 59336 67337
designs and specifications 41846 41866 83844
Hungary *92334
Italy *22904
Texas 75944
U S S R *22928 *23002 *23011
Hosta rectifolia 56246
Hot water
fungicide 387 482 *47561 *89531
nematicide 72897
Hotbeds 40988 *22074 *28791 *40251 *57841
construction 7353
Germany *44299
heating 7353 25509 61629
Netherlands *49208
U S S R *90961
Hothouses. See Greenhouses.
Hotkaps 69432
House plants 1887 1946 1959 1977 1978 2060 2102 13250 21033 21062 21182 30187 40125 48955 48956 57645 57687 74063 *1912 *2003 *21035 *30363 *57750 *65541 *73956 *82393 *90746
care 30179 39963 40088 40135 65532 90785
culture 1906 13190 21078 57737 *13199 *30280 *30327 *48916 *65591
Denmark *30271
fertilizers 65716

*Text of this reference is not in English.

Item

House plants--Cont.
Germany *2093
Gt Brit 21058 21174
Netherlands *13337 *13416 *18840
planting 30257
propagation 40088
Sweden 65705 *1892 *21129
varieties 30153 73932 *49065
See also Gardens and gardening, miniature; Window gardens; and names of plants.
Household equipment. See Equipment, household.
Household insects 24431 24496 33893 52713 93415 *33903
control 6726 16165 24404 25018 43246 43764 52059 77235 77249 93398 94119 *5953 *6003
See also names of insects; and subhead household pest control under names of insecticides.
Houses 7335 35100 35106 61612 *53295
Australia 69413
Austria *61615 *78618 *94451
Canada 44292
construction 44284 44295 69417 *35107 *61614
designs and specifications 7334 7344 17475 17476 17481 25499 25505 35100 35104 44290 53301--53303 61613 61616 61617 69416 69420 86427 86428 86432 94450 94452 *25506
France *61614
Germany *35098
Gt Brit 25501 35096
Italy *78614
Spain *61620
Union of South Africa 53294
France *7345 *7346
Germany 7333 *25507 *44287 *94448
heating 78672 94484 94486 *25551 *44359 *53352
insulation 35094
Italy *69412 *94449
Michigan 86425
Mississippi 69415
moisture 7343
Nebraska 17480
Netherlands *7340 *53298 *86430
North Africa *44286
prefabricated *67115
U S S R *35107 *41469 *59013 *92045
remodeling 7336 7338 17478 17479 25502 35097 44291 44296 53300 55102 69418 78616 78619 *69414
Southern States 25500
Syria *17477
Texas 86426
U S S R *35092
wood 22550 32032 *22605
See also Housing; and parts of houses.
Housing 35106 44284 94444
Africa 88747
Belgian Congo *69419
Brazil *61621
Costa Rica *44239
credit 27295
Denmark *35093
France *17440 *27475
Germany *35030
Gt Brit 7342 17536 27588 69421 86431 88715 94445
Italy *37732

Item

Housing--Cont.
legislation 78582 *27841 *35050 *41091
New York 7341 10597
North Carolina 78617
Northern Ireland 17438
Norway *94446
Panama *37065
policies and programs *44297 *53296
research 7337 78615
sanitation *17534
situation and outlook 44285 61619
South Carolina 94447
Southern States 25500
Spain *35103
statistics 53293 61622
subsidies
Austria *55344
surveys 61612 61622
U S S R *35101
Venezuela *25503
See also Buildings; Houses; Town and country planning; and under Livestock, and names of animals.
Housing Act of 1952 78582
Houston Bank for Cooperatives 9838
Houtte L van *13417
Houttuyn M 93314
Howard Forest Training School 14353
Howard law *70646
Hoya *13167
Hoyt Park Arboretum 28401
Huguet de Villar E *80752
Human ecology 80441
Human milk 11111 17947 72098 *11064 *72148 *78988
Human nutrition 3872 11030 11060 11076 19515 19542 19545 22877 28159 28174 28180 28190 28194 28202 28228 28232 28243 28246 35245 38095 38105 46247 46979 47006 53386 55887 63882 63887 63888 63890 63893 63923 72093 79198 80641 80650 80654 80664 80677 96135 *3942 *17558 *19520 *19553 *21879 *28185 *38086 *38091 *44398 *46622 *50758 *63897 *69531 *72144 *80658 *88993 *96115
Algeria *28171
and disease 11038 19543 28175 46991 63917 *80645
and health 11062 11063 11073 11077 19521 19522 19540 19543 28163 28167 28205 38064 38084 38085 38127 46978 55879 55881 55896 63920 80661 89016 88991 96113 *80651 *80667 *88996
Europe 80670
Norway 63919
and longevity 88994 88995
and teeth 11081 38093 72122 89007 89024 *63889 *72111 *89034
Argentina *63911
armed forces 11083
Austria *38081
Belgian Congo *11019
bibliographies 38077 Indonesia 63916
Brazil *28192 *72120
calories 7474 19560 25591 28213 53417 55891 72149 89003 96139 *46976 *47002
Canada 10053 80692
children 11022 11025 11061 11071 11092 11097 11098 19516 28175 28186 28196

Item

Human nutrition--Cont.
children--cont.
46957 55882 55916 63899 63906 63930 80643 80652 80671 88999 89002 89030 96128 96132 *63925
Alaska 8023
Argentina *19517
Australia 11045
Canada 89024
Germany *8033 *72115
India 80656
Iowa 72090
Jamaica 72116
Japan 19547 *11047 *11066 *19546
Netherlands *38080 *96133
Pennsylvania 80699
Colombia 38062
conferences and congresses 11070 11140 19544 63920 96131 *19551
Cook Islands 28169
Cuba *72118
deficiencies 11051 19514 19533 19550 28181 28186 28229 63885 72119 80671 80676 *63879 *63886
Egypt 28176
Germany 38107
India 11034
Switzerland *11037
Denmark 89014
diet 11023 11025 11036 28184 28197 28208 35287 36213 38070 44490 46953 46961 46964 46966 46973 46982 55890 55893 55907 63905 96141 *11079 *72095 *80645 *80674
Indonesia 19583
Maine 38066
New Mexico 11042
study and teaching 55905
therapy 8863 11026 11072 11075 11078 19516 19529 19535 19552 28178 28195 38068 38082 46975 55876 63921 89003 89043 96110 *38102
vegetarian 11054 55885 63912 63927 72123 89006 *11091 *63909 *65330
France *11033 *11090 *89067
Gambia 85389
Germany 46970 89022 89055 *80646 *80655 *96123 *96124
Gt Brit 11041 89021 89033 94514 *72124
Hawaii 89038
history 38061 89000 *96116
in hospitals *80645
in industry 11048 28161 28189
in institutions 11043 19539 25726 28178 46965 72102 *19545 *72099 *89008 *89012
in middle age 55915
in old age 11050 28198 38109 46952 46971 46982 63896 63901 72104 89027 96126 96146 *89009
in pregnancy 11088 19556 46981 55903 63903 63910 *11031 *38080 *55877
India 19512 80666
Indonesia 11131
infants 11097 19521 19530 19532 28172 46991 55874 72087 72098 72109 72121 80657 80689 96125 *11024 *11032 *11053 *11064 *11084 *11085 *11086 *19559 *38089 *38103 *72101 *72145 *89013
Egypt 28176
Germany *89035

Item

Human nutrition--Cont.
infants--cont.
Gt Brit 72094
Netherlands *28204
New Guinea 19534
Italy *72083 *72114
Japan 11020
Java 11131
Kikuyu 72103
laborers 28161 63918 *19549 *28183
Louisiana 63906
Masai 72103
Mexico 80648 *19597 *80647
Mississippi 72132
Netherlands *19541
New Guinea *38090
Nigeria 63908
Orient 46978
Pacific area 11039 38077
Philippines 96159
policies and programs 17551 19518 19522 28181 28182 28187 38083 38090 38098 72084 89023 *38969 *72112
Argentina *53389
Germany 19526
Gt Brit 35351 94800
Guatemala *35201
Italy *72091
Japan 38075
Philippines 63955 89028
requirements 11072 19513 19524 19528 19531 19537 19554 19560 19561 28160 38064 46972 55888 63895 89033 96127 96139
research 11026 11061 11082 28191 38097 38106 38107 38112 38113 38125 44853 44854 55904 63915 72110 80661 89015 89019 96140 *63914 *63922
situation and outlook 11040 25595 38094 46973 63904 *88992
Somaliland *19538
study and teaching 11055 11057 11059 11095 25585 28188 28196 28199 35208 38063 38082 38108 38114 38117 46963 55874 55880 55889 55892 63910 63924 63926 72106 72117 80657 88991 89032 89039 96118 *19549 *46960 *72086 *72108
Africa *96112
Argentina *19517
Germany *11044
Philippines 38087
surveys 11087 11096 19516 28194 46957 55882 88998 89001 89010 96138 *55873 *63881 *63892 *63925 *72100 *89020 *96133
Asia *96145
Celebes *96145
Ceylon 38072
Denmark *96122
Formosa 89037
France *38104 *63900 *63913
Gt Brit 72096 96119
India 80656
Japan 19547 *11047 *11065 *11066 *19546
Netherlands *89025
Philippines 55878
Tunisia *96120
Venezuela *55876
West Virginia 80649
Sweden *72089
terminology 89031
Tropics 11069
Uruguay *63907
Venezuela *55884
women 11027
youth 46980

*Text of this reference is not in English.

Item

Human nutrition--Cont.
See also Breakfast; Cookery; Dietetics; Food; School lunches; Soils, plant-animal relations; and names of food and food elements.
Humates *73184 *81552
Humbertiaceae *64205
Humic acid *30787 *40463 *49428 *49429 *73184 *74447 *74463 *74480 *91217
Humidity
effects on cattle 51306
effects on fibers 87247
effects on fungi 31974
effects on herbicides 21340
effects on insects 16995 24847 24848 25141 34699 52028 61002 61019 77951 *93695
effects on plant disease 11866
effects on seeds 859
effects on wood *59133
Gulf Coast Region 28352
measurements 94355
See also under Greenhouses; Storage.
Humucillin *1553 *50011 *66388 *66389
Humulon 37040 44733
Humus 2731 13808 13873 58364 66446 *983 *13750 *21518 *21529 *21760 *29269 *30750 *30765 *40631 *49586 *49635 *66357 *74469 *74581 *82920
analysis and composition *30787 *74447 *74451 *74463 *74464 *74465
in soils 66180 74652 82841 *2683 *2711 *2724 *21549 *21765 *21769 *30949 *30994 *31014 *40489 *40519 *40572 *40619 *49676 *52973 *58236 *58262 *58368 *58596 *64912 *66303 *66422 *74481 *82861 *82896
Denmark *21526 *58315
Finland *40960
France *2710 *82803
Germany *21675 *40623 *40686 *49669 *74962
See also Soils, management, biologic aspects; Soils, organic matter.
Hungarian sanfoin *29718
Hunt Mrs R A 72308
Hunter Color-Difference Meter 54224
Hunting
rights 19623 27857 95915
Austria *55548
Germany *10470 *10527 *19204 *80395
Spain *95900
Huntington Botanical Gardens 19757
Hunziker formula *8006
Hura *67206
Hurricanes 30276 *75362
Husk. See Lungworms.
Hutterites 80430
Huxley J *83693
Hyacinth Dolichos 1040
Hyacinthus 737 21201 *13420 *30338 *82337
Hyaline *9001
Hyalocurreya *72512
Hyalomma *60787 *84277
Hyalomma excavatum 23295
Hyalomma plumbeum plumbeum *34197
Hyalomma scupense *43391
Hyalomya chilensis 43702
Hyalomyodes triangulifera 77665

Item

Hyalophora cecropia 34566 34597 34623 34624 34633 34639 43849 61168 61228 78193 81293 85970 86018
Hyalopterus pruni 85876 *43672
Hyaluronidase 4081 15199 42114 42115 50846 *15266 *22777 *24771 *50923 *92331 *93119
Hybanthus *81030
Hybanthus linearis 168
Hybridization. See under Insects; and names of animals and plants.
Hydaticus *77713
Hydatidosis 15193 22952 *4008 *22924 *22954 *50807 *50917
cattle 84324 *23397 *59635
control *83818
Uruguay *59288 *59625 *76258 *75954
dogs *59830
Iceland *75853
man *22924
North Africa *75933
prevention *75909 *75963 *75964
sheep *23397
swine *33730 *59625
Tunisia *75846
Uruguay *75824
Yugoslavia *59276 *75943
Hydnaceae *56348
Hydnocarpus *56705
Hydnum 266
Hydracarina. See Hydrachnoidea.
Hydrachnidae *85593
Hydrachnoidea *34186
Hydraena 43412
Hydraenidae 43412
Hydrangea 65520
anatomy and physiology 48065 48066
culture 2114 13401 40126 *13393 *90781
diseases *20081
Madeira *40102
Switzerland *57717
U S S R *90819
Hydrangea integerrima 56197
Hydrangea serrata *30197
Hydraulic rams *17539 *25577 *31146 *94490
Hydraulics *69493 *69494 *2931
Hydrellia griseola *16722 *52542
Hydrellia tritici 77849
Hydriomena 34605
Hydriomena nubilofasciata 6787
Hydriomena ruberata 52774
Hydrocanthus *52436
Hydrocarbons 12375 *78741
Hydrocephalus *4558 *51196
Hydrocharis *672
Hydrocharis morsus-ranae 56706
Hydrocharitaceae *81421
Hydrochloric acid 54401 70617
Hydrocotle 11491
Hydrocyanic acid 6187 60624 *36234 *54227
in plants 32347 51149 *75919
insecticide 6068 34496 77996 94007 *34473 *77975
Hydrodictyon reticulatum 64284
Hydroecia nordstroemi 68949
Hydroelectric power *14098

Item

Hydroelectric power--Cont.
Australia 82989
Brazil *94475
California 86484
France *86469
India 82961
Union of South Africa 7403
U S S R *2957 *7375 *7395 *21847 *21884 *40825 *40852 *49843 *49899 *53336 *58473
Hydrogen 21525
Hydrogen bromide 59327
Hydrogen chloride *32166
Hydrogen cyanide 68438
Hydrogen-ion concentration 29222 90095 *56858 *86541
See also under specific subjects.
Hydrogen peroxide 3729 12522 45030 79448 87231 *4902 *53977 *59830 *90159
Hydrogen sulfide *87987
Hydrology 83107 *14237
See also Water, underground.
Hydromel *62762
Hydrometra 16818 16834 43634 77943
Hydrometers 2534 *44830
Hydrophilidae 43412
Hydrophilus 77717
Hydrophilus piceus 85644 *24770 *24771 *68696
Hydroponics. See Soilless culture.
Hydroporus 24742
Hydroporus longicornis 52471
Hydropsyche 34698
Hydropsychidae 69029
Hydroquinone 15847
Hydrosulfites 79971
Hydrous piceus 34292
4-Hydroxy-3 nitro benzene-arsonic acid. See Arsonic acids.
3-Hydroxyanthranilic acid 54603
Hydroxyl ions. See Ions.
Hydroxylamine 86068
N-hydroxymethyl 8494
Hydroxyproline 26820
8-Hydroxyquinoline 11731
Hydrozetes *6363
Hydrurus foetidus *64273
Hygia n g *85756
Hygrocarabus *34212
Hygrohypnum nervosissimum *89411
Hygrophila polysperma 12172
Hygrotus 24742
Hylaeus 34527
Hylastes 52460
Hylastes ater 6403
Hylastes cunicularius *77753
Hylastinus obscurus 6404 77668 93735
Hylax *52404
Hylemya 6553 16702 16725 *52581
Hylemya antiqua 60965 93843 *16672 *68749 *68750
Hylemya brassicae 52559 93857 *34376 *60894 *60973 *85790 *93877 *93882
control 68742 *6523 *16635 *43491 *43552 *68752 *93845 *93903 *93846
Hylemya cilicrura 52558 77852 77856
Hylemya echinata 16718 24839 60949
Hylemya floralis 77878 *43491 *85790
Hylemya setiventris 16702
Hylemyioide *77810
Hylesia 52807
Hylesia nigricans *52758
Hylesinus 16628 *77778

Item

Hylesinus micans. See Dendroctonus micans.
Hylesinus piniperda. See Myelophilus piniperda.
Hylidris 61143
Hylobius *43482
Hylobius abietis 6493 *68697 *77781
Hylocurus *6432
Hylotrupes bajulus *24775 *52481 *77784
Hyman 118. See Aldrin.
Hyman 497. See Dieldrin.
Hymenatherum tenhifolium 70966
Hymenia recurvalis 52764 52800 78154 78182
Hymenocallis 65617
Hymenocallis narcissiflora 65802
Hymenogaster *89468
Hymenolepis cordobensis *51626
Hymenomycetes 19871 20233 20305 56358 56980
Hymenophyllaceae *47303
Hymenopodium 19881
Hymenoptera 25004 43725 85914 85916 *6710 *43711 *52694 *52706 *52733 *68880
abnormalities 94020
Aculeata 16886 34537 52710 52725 78038 85886 94027
Africa 61143 *6713 *6724 *52691 *52722
anatomy and physiology 43726 *16909
Arizona 52720
as parasites 24989 34497 68958 85913 *6736 *52709 *85898
as predators *16906
California 52734
evolution 43726
Gt Brit 43719
Greenland 85908
Israel 61134
larvae 25024 85922
Nearctic regions 52699
Peru *85898
Puerto Rico 61145
Switzerland *16880
Texas 52734
Hyoscyamus muticus 81399
Hyoscyamus niger 30685 *19946 *57998
Hyostrongylus rubidus *16103
Hypenomyia 52499
Hypera *43417
Hypera brunneipennis 34280
Hyperaspis vinciguerrae 77719 77720
Hyperchia. See Automeris.
Hyperecteina longicornis *85723
Hyperglycaemia 68256
Hypericaceae 28551
Hypericum 34304 49247
Hypericum perforatum 2373 85630
Hypericum prolificum 89367
Hyperkeratosis. See X disease.
Hyperodes 6504
Hyperomyzus 77963
Hyperophora 6873
Hyperploidy. See Polyploidy.
Hyperteles *6736
Hyperthyroidism 33308
Hypertrophic pulmonary osteoarthropathy 15604 76540
Hyphaene *3913
Hyphantria cunea *6826 *16953 *17054 *43761 *43833 *52749 *52753 *61215 *61223

*Text of this reference is not in English.

Item

Hyphantria cunea--Cont.
*61238 *68976 *68986 *78172 *78184 *85936 *85985 *86003 *94098 *94127 *94131
Hyphomycetes 11616 28684 72519 81095
Hypnum imponens *196
Hypnum vaucheri *38498
Hypoaspis *93731
Hypocalcemia. See Milk fever.
Hypochloris *89288
Hypochlorites 95357 *14924 *33754
Hypochthonella n g 43640
Hypochthonellidae n fam 43640
Hypocrea 72474
Hypocreales 11589 38521 72474
Hypocryphalus 16628
Hypoderma 68730
*34323 *52567 *60923
control 6507 34312 52502 52565 93870 *52547
Hypoderma bovis 24861 85713 *50936 *77904
Belgium *77845
control 34339 85734 *24790 *85713 *85724
Hypoderma lineatum 16746 60902 *85713
Hypoderma mexicana 518
Hypoestes 38421
Hypogastrura *69031
Hypoglycemia 16097 60467
Hypogymna morio *52797
Hypoleria *34551
Hypolycaena *34626
Hyponomeuta *52754 *85986
Hyponomeuta padella malinella 94073 *94054
Hyponotus *68715
Hypophysis. See Pituitary body.
Hypoprothrombinemia 5580
Hypopta caestrum *25052
Hypopterygiaceae *56298
Hypothenemus hampei. See Stephanoderes hampei.
Hypothyroidism 42358 76136
Hypotrabisus n g *85647
Hypotrichosis *4932
Hypoxylon mediterraneum *3488
Hypsometer *91741
Hypsomias 6466
Hyptiotes 16514
Hyptis suaveolens 79815
Hysterotomy *15200
Hystrichopsylla *61317
Hystrichopus *52401

Icacina senegalensis *8656
Icacinaceae 81413
Ice 34736 *70240
See also Dry ice.
Ice cream 25934
advertising 8082 62128 94790 94791
analysis and composition 7975 25998 26064 62077 69978 70017 79044 *86933 *94754
bacteria 8208 25998 35808 70017 78991 79044 79045 87058 *8022 *44822 *94754
bibliographies 78983
coloring 35704
conferences and congresses 53714
consumption 35722 62093 *8025
delivery 8075

Ice cream--Cont.
Denmark *7893 *8065 *8114 *8235 *26083
directories 25898
emulsifiers 26141 87109 87117 94830 *8243
exhibits 62026
flavorings 8226 17963 18017 35704 35805 62194 62195 79158
formulas 26249 62215 62229 79154 87072
grading and standardization 44900 94803 *26083
Germany *62144 *87000 *87003 *87004
Gt Brit 35825 62135 62142
Iowa *8130
history 7883 7885 17830 25914
industry 7851 7928 17881 25924 26161 62015 *7857 *25901
Europe 7880
Finland *7902
Germany *86881
Gt Brit 7905 8290 25918 26193 35645 44767 62023
Oregon 25944
Scandinavia *7857
South America 78971
ingredients 8226 8306 8871 18761 35825 45008 45283 45455 53995 62077 62249 62256 70181 70275 70283 71131 79101 79148 79159 79171 94827 94835 *62206
manufacture 8213 8303 8309 8316 17972 17998 44961 44964 45058 45071 53958 62278 70191 70206 70285 79158 87119 *8241 *62003 *62178 *70264 *79181 *87101
equipment 35867 70207 70214 87061 87075 *8270
home 53923
marketing 8039 8049 8076 8084 8309 17909 26046 26053 26064 35722 35726 44845 44857 44861 53806 53807 53814 53822 53823 53825 62109 62110 62130 62131 70096 70104 79082 94775 94779 *8060
costs 26061 53804 62097
Gt Brit 8048 8117 35738
statistics 8062 35724
mixes 8208 8277 8303 8332 17998 26259 35823 45071 54004—54006 62215 62276 69983 70001 79154 87043 87109 94851 *26223
pasteurization 8264 26138 35855 94879
Norway *7938
overrun 70206 79132
packing 8152 8158 8316 26118 26120 26121 35773 35777 44939 53822 53890 53891 53897 87025 87026 *35778
pasteurization 26151 54004 54005 54006 *26236
prices 44948 53904
quality 79106 86995 *86987
refrigeration 8236 8239 8268
regulation and inspection 53861 53862 53878
Argentina *7877

Ice cream--Cont.
regulation and inspection --cont.
Germany *44902 *70110 *70111 *86987
Gt Brit 8117 26116 53878 62150 62151 79101
Iowa 53858
Northern Ireland 62150 70130
Wisconsin 79092
sanitation 17972 34378 35808 35816 35834 35838 53862 53928 53982 62259 87058 87114 94880 *62178
Gt Brit 62138
Scandinavia *7937
shrinkage 8158 35852 54000 54001 62268 70274 87074 94869
situation and outlook 7950 17862 25935 78974 94712
Canada 62020
Gt Brit 25893 62055
stabilizers 8211 8250 8315 26141 26145 35805 79170 87118 94830 *8243
statistics 26259 *70290
storage 8213 35852 54000 54001 62268
tests 8002 17869 53784 78991 79045
transportation *8073
vegetable fat 94851 94875 94878 95360
weight and measurement 35726
See also Ices; Sherbets.
Icerya purchasi 5980 16853 93950
Ices 8290 25934 25976 53989 62227
See also Ice cream; Sherbets.
Ichnanthus *28514
Ichneumon 85917
Ichneumonidae 25021 43730 52723 68900 *16926 *61126 *68886 *85887
as parasites *78024
Ichneumonoidea 61139 85922
Ichoronyssus quadridentatus 16510
Ictero-anemia, swine. See Eperythrozoonosis, swine.
Icterohemoglobinuria 4568 51176
Icterus neonatorum *83928
horses 33045 84673 *5024 *92857
mules *33060 *42456 *76642 *92856 *92857
Idaho Beet Growers Association 45353
Idaho State Grange 19418
Idalus *78200
Idarnes *34538
Idesia polycarpa *20283
Idiarthron atrispinum *86047 *94175
Idiarthron subquadratum *86022 *94153 *94166
Idiocerus 24944 61037 68846
Idiogramma 25021
Igelite *21277 *59658
Ilea zosterifolia *38514
Ileus *51494
Ilex 182 11455 21053 57705
anatomy and physiology *806
germination 48932
pests 16704
propagation 2138
Ilex aquifolium *75157
Ilex collina 38493
Ilex glabra 21371
Ilex verticillata 21056
Ilex vomitoria 19805 82378

Item

Illecebrum verticillatum *56253
Illiberis *16938
Illinois Agricultural Experiment Station 5788 56112
Illinois Dept of Agriculture 10232
Illinois Farm Supply Co 28064
Illinois Fruit Council 57411
Illinois State Grange 88873
Illinois State Horticultural Society 29892 57411
Illinois University Soil Testing Laboratory 40458
Illipe buttertree. See Madhuca indica.
Ilyodytes n g *77735
Ilysanthes *114
Imidazoline 11760 38658
Imides 89652
Immigration 10569 27768 *37737 *80422 *88706
Imms A D *28324
Immunization 5385 33061 *4153 *22942 *92289
See also Antigens and antibodies; Serum; Vaccines; and under names of diseases.
Imparipes *93731
Impatiens *64640
Impatiens balsamina *64767 *73108 *73206
Impatiens glanduligera *64647
Imperata arundinacea 15380 18836
Imperata cylindrica 57925 58053
Imperial Chemical Industries Jealott's Hill Research Station *80832
Implements. See Tools; and names of implements.
Imported fire ant. See Solenopsis saevissima v. richteri.
Imports. See Trade; and subhead trade under specific subjects.
Inbred Livestock Registry Association 93217
Incentives 18929 18958 37214 46355 63312
Inclusion bodies 5345 85232
Income 7571 9846 9848 9852 9855 17647 17648 17660 18896 35702 37419 37521 37598 53502 54023 55046 61835 71219 71261 80055 88200 95635 *71260
Alabama 27304
Arizona 46213
Australia 9854
Austria *63262
Belgium *37128
bibliographies 35321
Canada 7661 *70502
Chile *18892
Denmark *9856
Germany *9850 *37130 *46285 *63263 *63264 *80059 *88201
Gt Brit 9876 27305 46130
history 9857
Iceland *9851
Illinois 19179
India 55111 95637
Indiana 37129
Italy *9879
Japan *55043 *55048
Louisiana 18895
Mississippi 9847
Netherlands *9853 *18893 *18894
New Jersey 25631
New Mexico 27306 46129
New York 18897

*Text of this reference is not in English.

Item

Income--Cont.
non-agricultural 80057
Finland *80060
Ohio 18898
Philippines 88449
situation and outlook 27303 46245 88203 94499
South Carolina 95636
Southern States 27302
statistics 45249 55049 63265
France *9849
Sweden 46588 *55045 *80056 *80061
U S S R *55044 *55047 *95638
Western States 27301 80058
Yugoslavia *88202
See also Taxation, income; Wages; and subhead costs and returns under specific subjects.
Incubation. See subhead hatching under Poultry and kinds of poultry.
Incubators 15907 24044 24045 24058 34813 34820 42761 42771 44031 60044 60265 93045 *5405 *5467 *5530 *33119 *33450 *34827 *67985 *68166 *69155
sanitation 5545 33466 78394 *33419
turkeys 15731
Union of South Africa 78375
U S S R *33446 *60256
Incurvaria *17098
Indebtedness 9816 27251 46102 71238 71304
Germany *46104 *71242 *80043
India 18865
Italy *46122
Sweden *9786
Indemnities *19220 *27258
Index-catalogue of medical and veterinary zoology 23026 59389 67422 75952
Index seminum 28385 28442 28471 *19766 *28378
India ink 3838
India mustard. See Brassica juncea.
Indian Agricultural Research Institute 19726 43950 72240 81497 90263
Indian Central Jute Committee 62384
Indian Central Tobacco Committee 71173
Indian Coffee Board Research Dept 13696
Indian Conference of Social Work 46599
Indian Co-operative Congress 88874 95801
Indian Dairy Research Institute 8254
Indian Dairy Science Association 78964
Indian Jute Mills Association Research Institute 79275
Indian meal moth. See Plodia interpunctella 17052
Indian Mercantile Chamber of Ceylon 63851
Indian Paper Makers Association 32083
Indian ricegrass. See Oryzopsis hymenoides.
Indian Society of Agricultural Economics 27238 88151
Indian Statistical Institute 96251
Indian Tea Association 2463 30666 53650
Indian Veterinary Research Institute 4135 5386 92338

Item

Indiana Academy of Science 19607
Indiana Agricultural Experiment Station
Creamery License Div report 44896
publications 19608
report 47116
Indiana Agricultural Mobilization Committee 19020
Indiana Corn Growers Association 81858
Indiana Dept of Conservation Div of Entomology 24345
Indiana Farm Bur 8423 19020 19401 28076 55785 80562
Indiana Horticultural Society 12922
Indiana Soil Survey 30823
Indiana State Dairy Association 7889 86853
Indians 3422 15696 19309 74354 91884
Bolivia *63690
culture 37742
Ecuador 63335
farming 46440 *27621
handicrafts 88771
Mexico *88710
Michigan 10603
See also names of tribes; and under Land.
Indigofera 76759
Indigofera enneaphylla 5025 5079 84647 92327
Indole acetaldehyde 12532
Indoleacetic acid 81689
beta-Indoleacetic acid *15137
3-Indoleacetic acid *81680
effects on plants 12301 20256 29412 29441 39263 56761 56845 56881 64807 81645 90030 90038 90110 *39118 *56921 *64735 *81596 *81626 *81685 *89918 *89927 *89974
in plants *62495
Indolebutyric acid 20094 47917 *39118
Indoleon n g 78261
3-Indolylacetonitrile 47971 81645
Indonesians in Surinam 10578
Indore method *22066 *22067
Induction heating. See High frequency heating.
Industrial fumes *21630
effects on plants 29271 39095 47890 64704 73253 *89490 *89509
Industrial Surveys Co 54243
Industrial Waste Conference 35240
Industry 9755 80158 *71438
and agriculture 9759 9958 17645 46066 54986 63211 63214 63226 65295 69525 71219 71221 80014 95591
Arkansas 18844 37050
Austria *27241
Brazil *9767
Europe *88167
Germany *9746 *9757 *54988 *71461 *88169
Italy 18854 *9747
Mexico *63207
Netherlands *64090
New Jersey 9756
Spain *54983 *63205 *71207
Western States 54997
and soil conservation 3053 83076
Australia 37340
Brazil *63395
China *55527
French Equatorial Africa *10954

Item

Industry--Cont.
Italy *71675
Netherlands *46301 *63410
rural 19384 37855 63768 80538 88810
Austria *88791
Brazil *55722 *80525
British West Indies 55680
Finland 55670
France *10633 *37890
Germany *46631
Gt Brit 63726
India 19350 45450 88777
Italy *18880 *62946 *70756 *71716
Japan 27984
North Africa *95954
Norway *55702
Philippines 19361
Southern States 95959
Tunisia *10752
Sicily *71494
Southern States 27448
See also Agricultural products, utilization, industrial; Handicrafts; Human nutrition, in industry; and under specific subjects.
Infections
cattle 23289
dogs 15573
horses 23289 23637 *5073
poultry 5369
sheep *5665
Infectious atrophic rhinitis 5833 24309 33705 33727 33747 33748 43059 51949 51983 51984 51990 60466 60473 68324 77110 77125 85231 85248 85269 85276 93240 93248 93258
See also Necrotic rhinitis.
Infectious avian encephalomyelitis. See Avian encephalomyelitis.
Infectious catarrhal enteritis. See Hexamitiasis.
Infectious contagious laryngitis *4696
Infectious diseases 22934 *4151 *22930 *50896 *51277 *59339 *75818 *75854
cattle 84406 *4690 *59704 *84350
dogs 42391 *32937
goats *33603
horses 67928 *33058 *42467
livestock 3978 22963 *3979 *4060 *84238
transmission 4011
poultry *33263
sheep *33603
Infectious icterohemoglobinuria *32683
Infectious keratitis
cattle 59696 92618
sheep 33574 51821 59696 *93173
Infectious necrotic hepatitis 16003 33589 77004
Infectious sinusitis 15829
Infiltrometers 14166
Inflation 7585 9859 10390 18487 18899 27307 37131 37132 37134 37312 46131 46132 55050 61829 63266 71261 *9601
Argentina *19431
Australia 9858
Canada 37133
Chile *80062
France *80063
Mexico 37373
Spain *25691
Sweden *72236
See also Prices.

Item

Influenza
cattle *32706 *32713 *84374
horses *23665
virus 4082 15132 93260
See also Laryngotracheitis; Swine influenza.
Information. See Advertising; Public relations.
Infrafungus n g *64293
Infrared rays 6658 7030 9733 16292 61671 *89930
diagnostic use 16258
effects on livestock *50964
effects on plant disease *19978
effects on plants 20328 20404 64751 *832
effects on poultry 15872 17280 33361 51689 61672 68123 84853 *5442 *5496 *5500 *15868 *33449 *42799 *51681 *51718 *68149 *84947
effects on swine 53353 *5854 *16124 *24334 *43106 *51681
equipment 53350 61670 61672 69489
heating 25558 35180 35181 44017 44035 44037 44360 53014 53353 [illegible] 78383 78395 78673 86487 86491 *5500 *5854 *35178 *35179 *53355 *86485 *86486
in food processing *18312 *79471 *87558 *87594
in frost control *38289
in grain analysis *87544
in hops analysis 27227
in insecticide analysis 68492 86547.
in leather processing *70889
in oil analysis *9496
in orange juice analysis *26479
Infundibuloma 15603
Infusions. See Injections.
Infusoria *68234 *84289
Inga *89743
Inglisia 16871
Inguinal canal 22959
Inguinal hernia 29374 32807 76382 92787 *15591
Inheritance *19389
See Wills; and under Farms and farming; Land.
Inheritance tax. See Taxation, inheritance.
Injections 50857 50925 59318 59329 *68237 *76389
Ink 9312 *18560
Inky disease
Castanea *47508
Quercus borealis *72629
Inositol 24299
effects on plants 20374 *12311 *29374 *72815 *73146
Inositol phosphates *13782
Inositolphosphoric acids *26655
Insecticidal fogs. See Aerosols.
Insecticidal plants. See Insecticides, plant sources.
Insecticidal smokes 77275
Insecticidal vapors 60633
Insecticides 5986 6029 6041 6061 16180 16216 16235 16238 16255 16807 24379 24380 24383 24458 24459 24462 24467 33847 33863 33897 33941 38638 43211 43797 47392 48679 52134 52142 52144 60621 68502 77192 77309 81156 81164 81185 85365 85413 89476 93447 93494 93515 93517 93522 93542 94171

*Text of this reference is not in English.

Item

Insecticides--Cont.
*305 *5977 *5985 *6017
*6498 *6683 *6711 *16173
*16242 *17084 *24378 *33914
*33919 *34443 *38607 *43191
*43235 *43255 *43256 *43262
*43267 *43273 *52151 *52637
*56450 *56556 *60530 *68433
*68434 *68464 *68467 *68513
*68619 *72591 *72606 *77185
*81197 *85393 *85417 *86823
*89521
adjuvants 6055 43581
*60637 *60639
analysis and composition
5922 16258 16278 16290
16300 16311 33940 33950
55983 68504 83153 85458
*16296 *52198 *56464
ant control 68891
aphid control 77936
application 5970 52080
52149 68402 68462 68480
77218 85337 93369 93452
93453 93754 *5984 *85355
*85379 *93903
by aircraft 93446 *33911
*43242
equipment 93414 93422
*6441 *78529 *85423
Australia 56359
Belgium *80706
bibliographies 93547 *85459
Brazil *52047
chemistry 16275 24443
24461 33951 68489 *60632
compatibility 6062
conferences and congresses *93475
contact 6008 6037 6066
17122 60622 68482 93543
*6031 *16287 *16297 *16298
*33948 *60632 *64441 *93846
*93902
tests 24452 *24843
Costa Rica *6063
cotton pest control 33832
34274 34275 43194 52055
52075 52477 77256 77280
78147 78148 *52133 *77190
*77278 *77661
Denmark *361
determination 77310
directories *68409
effects on fruit 28724
effects on insect populations 94186
effects on plants 866
12244 12364 16233 29205
39068 52191 54313 77297
77321 85450 93509 93510
93513 *804 *39206 *52187
*56782 *73102
Egypt 16187
emulsions 43590
fly control 5956 6517
16715 52553 93831 *16705
*16723
forage plant pest control
16202 16659 34234 68872
forest pest control 3474
*93402
formulas 6038 24436
France *515
fruit pest control 5952
6446 6640 6772 34213
34230 34432 34555 34629
43175 52766 93945 *52636
*52861
fumigants *93413
grain pest control 52666
61230 *77279 *77970
grasshopper control 25088
61259 69001 94174 *17125
Gt Brit 68388
greenhouse pest control 6000
52141

Item

Insecticides--Cont.
Hawaii 64937
hazards and safeguards
16265 16268 16312 24428
24440 24444 43259 43275
52167 60625 61322 68469
68479 68485 68488 77312
89507 93512 93529 *43262
*52166 *68464 *77285 *77319
*85468
history 52139 *77316
human pest control 60639
68487 78257 93488 93499
industrial pest control *93749
industry 6049 66712 93524
93533 93536
insect resistance 5911
5973 6006 6514 6549
16239 16269 16715 43587
68786 85710 93722 93832
*16219 *93880
Italy *52079 *85357
Japan *77259
legal aspects 93533
livestock pest control 25400
34178 52103 68419 *43243
*60594 *77258 *77273 *85394
marketing *24460 *64325
Mexico *60548
mite control 6355 33864
*85601
mite resistance 16269
mosquito control 6584
6596 34424 43581 43622
68795 85807
New Zealand 19920
nursery pest control 34489
oil 28724 61236 93368
particle size 16268 16300
68448
Pennsylvania 24363
physiological action 6065
16275 24785 60623 77299
93642 *33861 *68501 *93519
*93531 *93552
plant pest control 6785
16637 24408 43176 68420
*6652 *16189
plant sources 34170 68439
85458 93521 *85342 *93528
Belgian Congo *93537
Brazil *2387
Gaboon *66090
poultry pest control *15889
properties 68487
*16313 *68484
regulation and inspection
16279 33928 43223 55967
60636 93390 93439 93469
*6156 *16304
Denmark *64329
Finland 11798
Germany *24460 *33942
*56449
Russian Zone *47441
Sweden 16168
Venezuela *81196
research 6080 43264
52104 52182 60635 68448
*16241 *24466 *60631 *68424
residues 5921 6058
6071 7457 16299 16306
16868 24445 30760 33949
33951 35300 44494 47952
52195 61990 52440 67297
68496 68731 68736 70527
77295 77786 93513 93520
93540 94005 94566 95075
*9153 *60529 *86823 *93905
determination 33931 52180
seed pest control 6463
16237 *77774
situation and outlook 6048
24454 50050 52163 52182
52190 *6034 *85447
soil pest control 6047

Item

Insecticides--Cont.
soil pest control--cont.
52140 60550 68462 77239
77310
Spain *52053
storage pest control 5925
60830
sugarcane pest control 94101
Sweden *52152
synergism 52181 68495
93543 93831 *93534 *93535
*93902 *93924
synthetic 24434 24465
24944 52143 *24457 *34262
*43546 *60531 *85467 *86823
systemic 6030 6037 6074
6660 16198 16200 16247
16805 24397 24437 33850
33952 34477 43249 52609
60589 68427 68439 68459
68480 68604 73117 73267
77291 81332 85416 85425
85443 85449 85541 93382
93470 *563 *16213 *16793
*24365 *24433 *33867 *33905
*52108 *52110 *52196 *52611
*60572 *68393
termite control 52897 69033
78286
tests 6053 6060 16174
16302 16584 16684 19906
24434 24785 25397 33935
33952 34267 34275 34280
34487 34657 34712 43266
47399 61018 68736 68742
68947 77906 78283 85449
*16194 *16291 *24373 *38628
*47408 *60551 *93413 *93511
*93801
Denmark 43265 *24448
Indonesia *93351
Netherlands *93532
Norway *24442 *68407
*77210
statistical methods 16270
Sweden *24422 *43272
Texas 85882
textile pest control 77204
toxicity 6071 6076 33930
33932 33947 68488 77294
*16309 *16313 *24457 *52023
*68483 *68514
bees 6206 6309 24648
52291 60727 77329 77575
93675 *6160 *6182 *6281
*16327 *16404 *16439 *43165
*43346 *43347 *52323 *60711
*60748 *68542 *68579 *68586
*77347 *77371 *77413 *77427
*77444 *77445 *77498 *77528
*85499 *85530 *85617 *93591
*93669
beneficial insects 93448
*24398 *52187 *60590 *60620
birds 33939 *93544
fish 33949 77315 93377
livestock 5843 6069
93541
man and animals 6054
6079 16310 24464 43252
43266 43275 68487 68522
77296 77308 93516 *6031
*16287 *24441 *33946 *68734
*77293 *93546
poultry *77298
wildlife 68498 85444
85445 85450 85454 *52127
trade
Germany *77284
Union of South Africa 68444
U S S R *85427
utilization 6079
*24425 *33830 *68403
vegetable pest control 5935
5999 6759 34388 34554
52687 60547 60580 61236
61308 *5924 *5932 *6467

Item

Insecticides--Cont.
Venezuela *93395
war use 43266
See also Acaricides; Aerosols; Baits and traps, insects; Dusts and dusting; Insecticidal smokes; Insecticidal vapors; Larvicides; Sprays and spraying; names of insecticides; and subhead insecticidal residues under names of plants.
Insectproofing. See also under specific subjects.
Insects 6023 33807 33809
33915 77184 93493 *4244
*5896 *16129 *93404
abnormalities 93764 93816
*43441 *52614
adaptation 85314
allergenic 34296
Alpine Region 72289
anatomy and physiology
5878 5905 6065 24344
24357 33805 43121 43136
43144 52033 60523 60526
60549 60623 68364 68370
68376 85303 93299 93324
*6426 *16143 *24432 *33819
*34507 *52023 *77154 *77160
*85312 *85332 *93300 *93326
and disease 5913 5960
5961 24426 52064 56619
83891 85311 85385 85431
93360 93386 93433 93488
93500 *11683 *16207 *22899
*77242 *93401 *93503
French Guiana *85374
Gambia 85389
Korea 33906
and fungi 33844
and plant disease 555
6004 11994 12037 20084
47668 60552 60587 60611
61064 64570 68465 68803
72602 72603 72881 89535
93372 93438 93443 93479
*6728 *19954 *24385 *38781
Liberia 56641
Spain *93353
as feed 24343 24354
as food 43155 *94071
as parasites 6861 34501
60945 93374 *5879 *60862
*68881 *94133
as pests 352 5913 5972
5989 6014 16175 16217
24342 33876 43170 43171
52125 68423 68442 93381
93408 93409 93440 93501
*5887 *5906 *5907 *5992
*24370 *24392 *24420 *24427
*43161 *43186 *85392 *85433
Amazon Basin 77253
Argentina *16212 *24424
Australia 60584
Canada 5965 68397
77196
France *93417
French colonies *93417
French West Africa *60528
Georgia 77175
Germany *43168
Gt Brit 77217
Greece *24364
India 327
Ireland 77187
Italy *52066 *52077
Japan 60601 *77263
Lebanon *24396
Liberia 56641
Mysore 16214
Netherlands *93473
Nigeria 60544 60566
Peru *7681 *67331
situation and outlook 52157
surveys 33843 60558
93393
U S S R *85384 *93444

*Text of this reference is not in English.

Insects--Cont. Item
as predators 93364 93374 93377
Australia 33815 43125
beneficial 16181 16604 24389 33887 43163 43167 43208 43713 52070 85914 93361 93418 *6021 *24367 *24398 *24672 *33883 *43161 *73632 *78024
Bikini 16139
bites 43555 68373 68822 93339 93478 93928 *33902 *60603 *85906
blood-sucking 60906 93313 *43547 *43550 *93348 *93401 *93503
Alaska 43510
Canada 34384
Canada 93344
collecting and preserving 16136 16497 16732 24346 24349 43122 43132 43402 60811 68365 68368 68378 68410 72300 77161 77165 77179 85316 85317 93334 *5890 *16132 *16147 *16150 *16153 *16157 *16250 *25079 *33821 *52030 *85318 *93319
Bahama Islands 77182
France *43137
Spain *60507
collections 5894 85327 93328 *16137 *52038 *77153
color 52437 94055 *24955 *94082 *94132
communication 93320
control 5913 5935 5942 5962 5970 5997 5999 6001 6072 11647 16210 16231 16245 19944 24372 24379 24380 24388 24397 24426 30530 33858 33863 33864 33869 33889 34972 43182 52091 52117 52124 52130 52134 52571 56436 60534 60536 60539 60556 60562 60585 60600 68402 68406 68418 68420 68426 68431 68438 68458 77192 77218 77230 77246 77270 85361 85362 85376 85387 85396 85799 90433 93357 93387 93433 93441 93460 93477 93486 93488 93506 *6020 *6711 *16196 *16204 *16242 *24365 *33835 *33900 *33908 *43162 *43181 *43191 *52089 *53149 *68385 *68447 *89348 *77188 *77199 *77211 *77276 *85359 *85405 *85419
Australia 60573
biological 5958 5959 6009 16179 16181 16604 17083 17111 24368 24405 25044 25045 34239 34447 34448 43149 43159 43160 43187 43190 52452 52539 52631 52633 52727 52740 60533 60542 61116 61230 68394 68670 68812 77224 77232 78195 85341 85913 93374 93377 93399 93421 93485 93907 93986 94100 *5991 *5996 *14641 *16192 *16574 *17072 *17073 *43181 *43470 *43732 *43861 *52084 *52107 *52129 *52700 *52890 *60537 *60590 *61088 *68844 *77189 *77274 *77707 *85377 *85409 *85420 *85994 *86002 *93349 *93872 *94056
Barbados 94142
California 61044
Canada 5964 77260
Egypt 43200 43808
Germany 52106 *6475
Hawaii 52516
Texas 16804

Insects--Cont. Item
control--cont.
biological--cont.
Union of South Africa 77248
U S S R *16199 *43733 *52730 *60838 *60862
California 16188
Cuba *43209
equipment *94099
France *16246
Germany *33874 *43235
Gt Brit 68388
Hawaii 24417
India 16214 43202 68448
Italy *24371 *33842
Netherlands *93420
Nicaragua *33901
North Carolina 85402
policies and programs 56452 *33842
Southern States 85408
study and teaching 85349
Switzerland *77234
Union of South Africa 24430 52101 60602
U S S R *43219
Wisconsin 85436
Cuba *77806
Cyprus 52710 52725 52863
cytology 16162
diseases 93303 93485 *68716 *77157 *77181
dissemination 43123 43170 85848 93487 *25042 *52688
East Africa 93343
ecology 33811 43114 43887 93318 93504 *5883 *16138 *16149 *33797 *34504 *43138 *52032 *78059 *93311 *93370 *93457
Austria *52025
Japan 85748
Michigan 12083
U S S R *16197 *60975
eggs 16159 61108 *24872 *93342
anatomy and physiology 34536 61261 61262 85302
enzymes 16158 34347 *60867 *85440
evolution 77169 *52032 *68379
Finland 28498
flight 5889 6857 16432 25100 25107 43134 43560 52035 52520 52878 61118 61119 77158 77821 77924 78262 94164 *25150 *34594 *34634 *52321 *52905 *68998 *77160 *77240 *85517 *85864 *93297 *94008
food and host plants 16661 24351 33798 33822 43486 60513 60607 85850 93305 *6671 *16163 *61031 *77173 *77180 *77751
Poland *85437
U S S R *94075
fossil 16135 16151 33808 52024 93310 *5898
Austria *93335
Croatia 17152
U S S R *5874 *6887 *6911 *16154 *43145 *43146 *60527
genetics 16162 68374 77838 *93309
geographical distribution 33843 52157
Gt Brit 5902 16130 60511 60521 85326 93327
Scotland 43117
habits and behavior 24350 33800 33803 33814 77178 85331 93305 93308 93346 *5891 *6734 *6743 *16897 *16906 *43115 *52040 *52299 *60509 *93345

Insects--Cont. Item
hibernation 25046 34590 60802 *52037
history 68377
host relations 5901 85336 *34507
hybridization *16946 *77928 *78170
identification 24352 43133 77895 93332 *85340
Illinois 52039
in art 16144
in sport 43144
Indiana 16178
insecticide resistance 5911 5976 6006 16747 34457 34496 68487 77318 93466 *16219 *60872 *68404
Ireland 16134
Italy 43130 *5882
larvae 68367 *77162
life histories 93315
longevity 52520 *34261
luminescence 77744 *5872
metabolism 43503 *43559 *93347 *93519
metamorphosis 33795 33826 33827 34336 34623 52602 52818 *61149
Mexico 93496
migration 25101 68374
Gt Brit 16140 77159
Ireland 52021
Spain 43135
Venezuela 33794
mimicry 17092 77170 85304
Morocco *28444 *43139
names 33801 *52034
nests 61107 61121 *61141
Netherlands *72307
New Guinea 85307
nomenclature 24359 24360 33806 33829 43112 43143 93314 94094 *43140 *52020 *60520 *85319 *93301 *93302
Norway *68371
nutrition 52417 60852 68372 77177 *16146 *33810 *61081
outbreaks 33811 33875 *85380 *93457
oviposition 52444 *43479
parasites 24353 60532 60905 60954 61187 68889 93364 94012 *5879 *43179 *68885 *78028 *85627
plant relations 5873 34436 34645 *5892
pollinators 1349 13030 29272 52074 52314 *16163 *20169 *20321 *73188 *77240
populations 33825 78189 85335 93341 *34261
predators 33804 33828 60532 68389 85751 93377 93430 *60862 *93498
protective devices 6451 6839 *24955 *61234
public health aspects 43575 77186
rearing and breeding 6019 33987 43113 93329 *93333
research 5899 43129
respiration 6857 43142
sonification 6674 16128 34678 43870 52626 52848 94157
stings 60505
surveys 6014 6752 43131 60611 93409
Lake States 94016
Sweden *33818
Switzerland *6727
taxonomy 93331 *52023 *88366
Union of South Africa 77171
variation 16969 16970 16989 43773 43816 52761

Insects--Cont. Item
variation--cont.
68926 78091 85944 86001 94097 *16956 *68918 *78063 *78122 *78191
venom 60816
water relations *85329
wood destroying 24352 34222 43924 52071 61311 85390 *16248 *43219 *43244 *60595 *68457 *77193
New York 52083
Sweden *60538

See also Aircraft, in pest control; Antibiotics, insect sources; Aquatic insects; Baits and traps, insects; Birds, insect food; Fish insect food; Forest insects; Gall insects; Household insects; Insecticides; Pest control; Plants, quarantine and inspection; Soil insects; names of insects and anatomical parts; subhead pests under names of animals and crops; and under Blood; Embryos; Mutation; Parthenogenesis; Photography; Sex; Sex behavior; Symbiosis.

Inspection. See Plants, quarantine and inspection; and subhead regulation and inspection under specific subjects.

Institut Agricole d'Algérie *86710

Institut Agricole d'Oka
library *46664

Institut Agricole et Serv de Recherches et d'Experimentation Agricole d'Algérie *19773

Institut Agrolesomelioratšii. See Vsesoŭznyĭ Nauchno-Issledovatel'skiĭ Institut Agrolesomelioratšii.

Institut Coopératif de Sélection de Bots et Plants de Vigne *1833 *1834

Institut de Biologie du Tabac *29140

Institut de Recherches du Coton et des Textiles Exotiques *94955

Institut de Recherches pour les Huiles et Oléagineux *79781

Institut des Recherches sur le Caoutchouc en Indochine *82605

Institut Français du Caoutchouc *87996

Institut für Bienenkunde *77537

Institut für Getreide- Ölfrucht- und Gemüsebau Kiel *20513

Institut für Technik im Gartenbau *29898

Institut Kartofel'nogo Khozĭaĭstva *13491

Institut Kormov. See Vsesoŭznyĭ Nauchno-Issledovatel'skiĭ Institut Kormov imeni V R Vil'iamsa.

Institut Mekhanizatšii Sel'skogo Khozĭaĭstva. See Vsesoŭznyĭ Nauchno-Issledovatel'skiĭ Institut Mekhanizatšii Sel'skogo Khozĭaĭstva.

Institut National de la Recherche Agronomique *12593

Institut National pour l'Étude Agronomique du Congo Belge *12573 *15237 *39275 *89163

Institut Pasteur de l'Afrique Occidentale Française *59320

Institut Pasteur de la Guyane Française et du Territoire de l'Inini *59322

*Text of this reference is not in English.

Item

Institut pour l'Encouragement de la Recherche Scientifique dans l'Industrie et l'Agriculture *28366 *89161
Institut Professionnel de Controle et de Recherches Scientifiques des Industries de l'Alimentation Animale *8390
Institut Technique d'Études et de Recherches des Corps Gras *9460
Institut Textile de France *36014
Institut za Naucna Sumarska Istrazivanja Narodne Republike Bosne i Hercegovine *33263
Institut Zemledeliia TSentral'no-Chernozemnoi Polosy imeni V V Dokuchaeva *20478 *64097
Institute for Medical Research (Kuala Lumpur) 33871
Institute of Brewing 61938
Institute of Food Technologists 69699—69701
Institute of Inspectors of Stock of New South Wales 23056
Institute of Medical and Veterinary Science 4084 92295
Instituto Agrario Nacional (Venezuela) *63596
Instituto Agrícola Catalán de San Isidro *28063 *28070 *95999
Instituto Agronômico de Campinas *30690
Instituto de Economía Agrícola Santiago de Chile *18885
Instituto de la Fiebre Aftosa *50882
Instituto de Óleos *70950
Instituto de Pesquisas Veterinárias "Desidério Finamor" Laboratório de Biofísica *15214
Instituto de Solos *82660 *82661
Instituto Forestal Técnico Industrial *41067
Instituto Nacional de Biología Animal *67331
Instituto Nacional de Nutrición *55884
Instituto Nacional de Nutriologia de Mexico *80647
Instituto Tecnológico de Monterrey *57030
Instituut voor Physiologie *92292
Instron tester 71070
Insulating materials 41613 50604 50607 69434 75684 79599 *83649
See also under names of buildings.
Insulin 68256 69631 76115
Insurance 18901 19314 27309 27319 46145 63268 71248 71272 88204 88208 88223 88228 88229
Austria *37151
Brazil *88211
Canada 55052
conferences and congresses 88230
cooperatives *71268
France *27895
Gt Brit 37150
Italy *9868
Japan 71266
legislation 88240
mutual 55051 88212 88221 88232—88234 88236 88239 88240 95639
France *88196
Japan 27314
Norway *55056

Item

Insurance--Cont.
Poland *27321
Turkey *37143
U S S R *46140
See also U S Dept of Agriculture, Federal Crop Insurance Corporation; and kinds of insurance.
Inter-American Cacao Center 40321
Inter-American Conference on Agriculture *19691 *28343 *38268 *45603 *80171
Inter-American Congress on Brucellosis 59270
Inter-American Institute of Agricultural Sciences 11328 47097 *15243
Inter-American Technical Cacao Committee *7703
Inter-communication system 61685
Inter-Organization Conference on Programs for Older Rural Young People 71860
Inter-State Milk Producers' Cooperative 25903 26044 26049 26050 26054
Interchemical Corporation 35937
Interessengemeinschaft der Diplomlandwirte/Bodenschätzer *71950
Internal black spot potatoes 73196
Internal cork sweet potatoes 56614 64572 72863 89701 89736
International Agreement of Olive Culture *45752
International agreements and treaties. See Trade, agreements and treaties; and subhead agreements under specific subjects.
International Agricultural Fair 63713
International Apple Association 8630 39813 70504
International Association of Governmental Labor Officials 63314
International Association of Ice Cream Manufacturers 53714
International Association of Milk and Food Sanitarians 44911 86674
International Association of Milk Control Agencies 69916
International Association of Nurserymen *12923
International Bank for Reconstruction and Development *19071
International Basic Economy Corporation *52954
International Beekeeping Congress 24614 52250 *34011
International Botanical Congress 49 66 *18 *64 *77 *89439
International Boundary Survey 96201
International Catholic Congress on Problems of Rural Life 37743
International Cheese Agreement *46933
International Citrus Congress of the Mediterranean Countries *79355
International Commission for Plant Raw Materials 89242
International Commission on Zoological Nomenclature 5886 6392 6444 6480

Item

International Commission on Zoological Nomenclature --Cont.
6651 6689 6773 6909 6910 24359 24360 33829 55971—55976 60510 68609 68710 68890 68896 77167 77168 85949 93314 94081 94086 94090 94120—94123 94189 94190
International Confederation of Agricultural Credit *37106 *95604
International Congress of Agricultural Industries *10030 *95704
International Congress of Chocolate and Cocoa Manufacturers *86723 *86724
International Congress of Entomology *33802 *43141 *60522
International Congress of Grapes and Wine *7720 *17735 *25789 *35462 *61918
International Congress of Olive Culture *13001 *26943 *87840
International Congress of Physiology and Pathology of Animal Reproduction and of Artificial Insemination *83703
International Congress of Plant Protection 11665
International Congress of Scientific Research Applied to the Textile Industry *8449 *8596 *26340 *70375
International Congress of Tropical Woods *58616
International Congress of Zoology 93322
International Congress on Animal Breeding 41661
International Cooperative Alliance *46869 *71957
International Corn Congress *12602
International Cotton Advisory Committee 8491 87303
International Cotton Congress 29656
International Crop Improvement Association 81801 81820
International Dairy Association *17825 *25913 *35646 *35648 *69893
International Equipment Show *43989
International Farm Youth Exchange 10146 11293 19692 28344 47099 47101 64068
International Federation of Agricultural Producers 11291 19690 37945 37946 46812 *11155
International Federation of the Seed Trade *28113
International Grassland Congress 90315 90316
International Harvester Co 94326
International Institute of Sugar Beet Research *46027
International Labor Conference *37243
International Labor Organisation *37179
International Landworkers' Federation 27370 55122
International Live Stock Exposition & Horse Show 23065
International Livestock Congress *92371 *92379 *92381
International Machinery Exhibition 52997
International Overhead Irrigation Conference *74721
International Paper Co 59065
International Peasant Union 27973 88875

Item

International Plowing Match 14024
International Poplar Commission *3181 *31439
International Poplar Congress *31373
International Red Locust Control Serv *86023
International relations 11294 19689 47100 71941 *53391 *55231
See also subhead international under Cooperation; Organizations.
International Rice Commission Working Party on Rice Breeding 57075
International Seed Testing Association 36873 36880
International Seed Testing Congress *19749
International Silk Association *62368 *70381
International Silk Congress 8492
International Society of Photogrammetry 75221
International Society of Soil Science 30723
International Society of Sugarcane Technologists 95513
International Sugar Agreement 72067 *72066
International Tobacco Congress *18816
International Union of the Societies of Leather Trades Chemists *18525
International Universal Cotton Standards Conference 18145
International Veterinary Congress 83876
International Veterinary Congress of Zootechnics 75877 75878 *22981 *41867 *41876 *41877 *50851 *59263 *59377 *67339
International Wheat Agreement 19470 38057 46910 63843 *88927
International Wine Off *69831
International Wool Conference 79277
International Wool Federation *45158 *94956
International Wool Secretariat *35938
Intestinal flora 15175
Intestinal prolapse *23023
Intestinal torsion *67607
Intestines *59319
cattle 15438 *4550
bacteria 9251
diseases *67624 *67684 *76331
diseases *32354
dogs 4876 4929 15607 67815 *32927
bacteria 4929
diseases *67624
goats *51829
horses 23609 33043 *23636 *42480 *59967 *76663
surgery 51476
insects 85825 *61260
livestock 50898 *32305 *50852 *54678 *67423
poultry 15811 *33303 *60114 *84930
bacteria 23894 23915 76724 76837
diseases *42710
sheep 4604 *51829 *93152
swine 85274 93257 *51950
turkeys 93033
Intraval sodium 15196
Intussusception
cattle 59745 *42222 *67607
dogs 84539

*Text of this reference is not in English.

Item

Intussusception--Cont.
horses *92866
poultry 84910
Inula *89345
Inulin *63941 *64812
Invagination. See Intussusception.
Inverell Soil Conservation Research Station 74849
Invertase 20434
Investments 10562 18868 37083 *62043 *80023
Europe 37290
France *63240
Germany *69942
India 9780 18860 18864 18866 18867
Italy *9817 *55015
Ivory Coast *86794
Latin America 27491
Michigan 37081
Morocco *18861
Iodinated casein. See Thyroprotein.
Iodinated protein. See Thyroprotein.
Iodine 30769 54723 83611 *70946
bibliographies 94518
effects on plants *12316
in animal nutrition 50764 67307 *32260
in blood 67647
in fats and oils 36754 54707 *36730 *62816
in human nutrition 72097 80700 *32260 *89029
in insect physiology 52280
in livestock physiology 51252 67631 76334 77006 84334
in milk *94746
in poultry physiology *68086 *68087
in plants *90008
in soils *2588
radioactive tagging 23706 33101 42358 45562 73148 77006 93005 *51205 *68087
therapeutic use *23626 *92624
Iodine compounds 6056
Iodoform *20438
Ion exchange 8488 26248 29222 54137 71142 79639 82690 82711 87086 *7477 *17573 *26167 *26697 *36941 *44675 *46012 *54234 *78730 *79978 *87468 *87518 *88084 *95509 *95543
Ionites *54914
Ions 53560 *91185
effects on insects 24844 52033
effects on milk *8279
effects on plants 20421
in milk 62086 78999
in plant nutrition *961
in plants 843 73262
See also Hydrogen-ion concentration.
Iowa Academy of Science 63979
Iowa Agricultural Experiment Station
publications 72161
reports 80828
Iowa Crop Improvement Association 39276
Iowa Dept of Agriculture 17556 55979
Iowa Farm Bur 37947
Iowa State College of Agriculture 55621
Agricultural Extension Serv 27894
publications 72161
Tropical Research Center *47697
IPC. See Isopropyl-N-phenylcarbamate.
Ipecac. See Cephaelis ipecacuanha.

Item

Ipheion uniflorum 81042
Ipidae *43419
Ipomoea 21419 81011
Ipomoea caerulea 64730
Ipomoea muricata 71105 71106
Ipomoea pes-caprae *28601
Ipomoea pulchella 457
Ipotrombicula n g 93733
Ips curvidens *58847
Ipsimodes n g *85647
Iran Institute of Animal Breeding *83690
Iranacris n g *34648
Ireland Dept of Agriculture 55980
Ireland Irish Land Commission 10490
Irenina 28674
Irenopsis 28674
Iridomyrmecin 33884 *85455
Iridomyrmex humilis 43723 43731 61120 68891 94019 94021 94023 *6707 *34528 *52735 *94009
Iris 13208 30160 30198 30386 30390 65597 73951 90722 *65519
anatomy and physiology *29122 *90030
breeding 12170 57653
Canada 30178 30237
culture 2109 14023 30173 30210 30297 30300 30353 57724 65495 65506 65545 90717 *21039
cytology 12170
diseases 47680 48036
forcing 13243 49092 65772
Germany 30366 *82360
hardiness *30355
hybrids 30230 65763 *29183
Louisiana 30210 39966 49023 73958
pests 77674
propagation 13168
U S S R *19803
varieties 13291 13402 13403 21022 21090 30159 30192 30274 30289 30328 30367 30370 30385 39959 40003 40044 40076 48949 49001 49032 49090 57654 57655 57661 57743 65500 65501 65538 65567 82302 82338 82339 82354 90739 90758 90764 90797 90835
Gt Brit 30321
Lebanon 30260
Louisiana 48934 73950
New England 90796
Oklahoma 82462
Switzerland *82449
Syria 30260
Western States 90780
Iris attica 30207
Iris florentina *90031
Iris innominata 13302
Iris kamayama *47293 *47294
Iris munzii 30285
Iris oratoria 86046
Iris pseudacorus *29360 *29361
Irish Agricultural Organization Society 72162
Irish Folklore Commission 27901
Iron
determination 1050 71145 79006 *17719 *78925
effects on plants 1009 39210 73090 73105 73270 81702 81706 90057 90099 *39135 *48169
effects on soils 58112
in blood 76830
in dairy products 86993 *62141
in flour *54523
in food 61722 *7462

Item

Iron--Cont.
in human nutrition *89017
in plants 1050 12343
in poultry nutrition *23797
in poultry physiology 5372 76830
in soils 2575 82711 *30754 *90069
in wheat 80685
in wine *53678 *69852 *78285
Ironoquia
Irradiation. See Radiation.
Irrigation 501 2533 2676 2922 2928 2996 3006 12334 14047 14049 14091 14102 14139 21834 21851 21855 31012 40803 40834 49893 49924 49937 58293 58423 58488 66153 66367 66482 66538 66553 66583 66585 74631 74693 74702 74736 74750 74791 74798 74800 74811 74814 82955 83039 9117 91255 91396 *2727 *2751 *2918 *2981 *14026 *21715 *21846 *21886 *31119 *39201 *40815 *66478 *66521 *66569 *74695 *74729 *82965
Africa 31084 *91463
Alabama 66496 66551 83028
Algeria *66501
Argentina 58401 *40814 *74713 *91425
Arizona 14121 46440 66477 74725 91466
Asia 31169
associations *83009
Australia 20506 21862 36220 74710 82989
New South Wales 2654-2656 58491
Queensland 14107 21883
South Australia 31089 95891
Victoria 2991 49910
Austria *82974 *82993 *83021
Brazil *31101 *40829 *66554
California 14075 14118 21838 21840 34405 58429 66487 74707 *74691
Canada 2985 3004 10445 66573 83038
canals and ditches 2896 2968 3002 14116 31069 31100 31152 44308 66488 66524 74821 82973 86107 91067 91394 91468 *21888 *21889 *31147 *49882 *49918 *58396 *74760 *91397
Arizona 31151
California 40798
Italy *91408
Mexico *49844 *74692
Nebraska 40804
Oregon 40784
Sweden *40800 *49892
Tunisia *31082
U S S R *2957 *31144 *40852
Ceylon 14055
Chile *2969 *31071 *49922
Colombia *82946
Colorado 91382
Colorado River Basin 49938
Columbia River Basin 58454 74807 83027 *37554
conferences and congresses 66525 *2974 *14109 *91424
cooperatives 2956 91441 *74712
costs 14115 31152 31164 37611 49871 66561 74807 91438
California 21839 49861
Canada 91402
Germany *58404
Idaho 21864

Item

Irrigation--Cont.
costs--cont.
Italy *21814
New Mexico 95869
Texas 49904
Cuba *66508
Denmark *49942
Dominican Republic *66541
Eastern States 49939
effects on insect population *93444
Egypt 2903 21881 31103 74690
equipment 3008 14106 21903 40794 40830 49914 49946 66514 74776 82967 91386 91426 91432 91436 91443 *21852 *31095 *49862 *66507 *91461
Argentina *40797
France *74747
Germany *74709
Sweden *74774
U S S R *31157 *58445
Florida 66547
France *31070
Georgia 66492
Germany *21896 *31158 *31290 *40838 *58455 *58458 *80912
Gt Brit 2926 14079 21865
Great Plains 27827 83026
Greece 74755
history 58489 74799 *2946
Hungary *49905
Idaho 18852 21857 58412 58447
Illinois 83023
India 2955 14069 14081 21881 31115 49947 50071 82961
Indonesia 74719 74720
Iowa 66480
Iraq 21881
Israel *14108
Italy 2721 *2900 *2932 *2952 *19246 *31074 *31130 *35195 *39381 *40793 *49852 *49870 *49935 *66327 *66483 *66557 *71657 *74711 *74805 *82970 *82975 *91383
Japan 21860 *58394
legal aspects 49939 83003
legislation 74810 *2987
Mediterranean area *83010
Mexico 18070 74787 *2960 *14092 *31099
Michigan 58434
Middle East *82951
Minnesota 31295
Mississippi 58413 66500
Montana 37086 46515 66502 66503
Morocco *14104 *21853 *40831 *82700
mountain areas *74572
Mozambique *66473
Nebraska 14084 14086 14097 63536 74701
Netherlands *21868 *31123 *74737 *82988 *83036
New Mexico 21836
New York 49896 58463
New Zealand 63512 83022
Nigeria *95892
North Africa *14048 *49856 *49901 *49921 *58402 *82949
North Carolina 66589
North Dakota 27772
Norway *66572
Oklahoma 58414 82964
Oregon 2938 2949 40828 49889 58450
overhead 1606 2924 2950 2954 2978 14101 14123 21864 21913 31202 40835 40845 49871 58397 58399 58438 66472 66475 66588 74695 83012 90531 91165 91407 91437 91467 *2908

*Text of this reference is not in English.

Item

Irrigation--Cont.
overhead--cont.
*2927 *2939 *2967 *2975
*14110 *14112 *21845 *21893
*21894 *31155 *40786 *40826
*40846 *48871 *49849 *49880
*49934 *58262 *58393 *66479
*66497 *66517 *66567 *74721
*74757 *82963
California 21840
Canada 2937 66527
Denmark *66520
equipment 2904 14070
31066 40808 66498 66542
82948 82960 86145 *21880
*31068 *49842 *58440 *66506
*74697 *82954 *82995 *82996
*83041
Germany *3007 *14051
*21861 *31067 *49927
Guatemala *21898
Italy *2974 *14103 *14109
*14141 *21856 *49855 *66519
66544 *66545 *66565 *66577
*74724 *74817 *83018 *89542
Netherlands *2941
New Jersey 66491
Oregon 66509
Sicily *14065 *31094
Union of South Africa *74696
U S S R *21850
Pakistan 2955 21881 74734
91381
Peru *2916
Philippines 31153
policies and programs 2934
3001 58409 91393 *14057
California *31106
Ecuador *40787
India 71201
Iran 74777
Italy *14043
Jordan 14045
Mexico *14071
Montana 66512
New Zealand 74783
U S S R *2983 *40807
*40840 *49843 *49846
Portugal *21874
Puerto Rico 31148
pumps 2971 31098 58431
58466 74714 *58418 *82976
*82987 *83020
research 2892 2940 74815
82990
Saudi Arabia 74795
Senegal *31126
Spain 91428 *83017
South Carolina 66535
South Dakota 91423
Southern Rhodesia 21866
31081
Southwestern States 31091
58408
Spain *10022 *14113 *21831
*31096 *40782 *40833 *66550
statistics
U S S R *40812
Sudan 21881
Sweden *58459 *91409 *91417
Tennessee 66530 66575
terminology *31077 *82981
Texas 14078 21835 55499
58417 74718 82953 82992
Tropics 21882
Union of South Africa 14094
14239 74797 83007 *40779
U S S R *2899 *2935 *2961
*21847 *21884 *25546 *31085
*31138 *31422 *37507 *40773
*40774 *40825 *49847 *49859
*49899 *49925 *58460 *58473
*58474 *66532 *74731 *82972
*83024 *86231 *87745 *90218
*91384 *91387 *91420-*91422
*91470
Utah 2921 14127 58448
Virginia 66528

Item

Irrigation--Cont.
Washington 3003 31080
water 14058 14060 14135
14140 21870 31090 34404
40791 40813 40824 40832
49853 49857 56972 58417
58475 66576 74182 74699
74704 83012 *31171 *40836
*49920 *74789 *82971
Arizona 31174 66570
Australia 74739
California 2992
Canada 2914
Florida 2999
Formosa *21871
Idaho 74749
Israel 74746
Italy *31156 *82957
measurement 31097 91404
91439 *31111 *39975 *49903
*66537
North Dakota 74715
Peru *14129
Rio Grande Basin 14090
Southeastern States 66529
Southwestern States 40777
40778 49858
temperature *91469
Texas 31108 49902 49904
Union of South Africa 58435 *74758
U S S R *83015
Utah 49915
Wyoming 74804
wells 2998 83004 *82975
Western States 2906 40816
Wyoming 46481
See also under Gardens and gardening; Pastures; and names of crops.
Isaaksson *60462
Isca n g 43910
Ischaemum 47222
Ischasia 60826
Ischiotrichus n g *52345
Ischnocera 6900
Ischnodemus sabuleti 61072
Ischnodemus sabuleti palustris 61072
Ischnoptera *61274
Ischnura pumilio 52882
Ischyra 6870
Ischyrolampra *52404
Isle of Man Board of Agriculture and Fisheries 4085
11173 38167 80721
Isle of Wight disease. See Acarine disease.
Iso-immunization *59939
Iso-valderaldehyde 34321
Isoberlinia 66088
Isobutyric acid 12274
Isocitric acid 29427
Isodendrion 72418
Isoetes *47274
Isoetes japonica 20181
Isometopidae 68808
Isoöleic acid *79697
Isopestox 43258
Isopods 16483 43387 68606
*6393 *52394 *85551 *85599
Isopropyl alcohol 87912
o-Isopropyl N-(3-chlorophenyl) carbamate 21356 65986
Isopropyl-N-phenylcarbamate 26473 30532 91058
Isopropylphenylcarbamate 12298 *815 *2340
Isoptera. See Termites.
Isopterygium 211
Isothecium tenuinerve *64249
Isotoma fluviatilis 29126
Isotopes, radioactive. See Radioactive substances.
Isotropis 74267
Israel Dept of Forests *3228
Israelius n g 61134
Istituto Professionale Agrario *27935

Item

Istituto Sperimentale Italiano "L Spallanzani" *15035
*32198 *50971
Itaconic acid 39251
Italian National Federation of Farmers and Sharecroppers 71580
Italian rye-grass. See Lolium italicum.
Italians in Africa *88611
*95890
Italians in Brazil *61621
*88609
Italy Centro di Studio del Castagno *82290
Italy Centro Nazionale di Lotta Biologica *5996
Italy Corpo Forestale dello Stato *31448
Itame *61212
Itarissa 6868
Itea 38456
Itersonilia perplexans 38931
Itonididae 16669 34304 *16729
*34469 *43502 *52506 *77876
*93861
France *93871
India 85766
Japan *93879
Netherlands *93838
Ïür'evetskiĭ Opornyĭ Punkt *48854
Ivanov L A *11241
Ivanovskiĭ D I *40524
Ivongius *85612
Ivy. See Hedera.
Ixia 2137
Ixodes *6388 *77592
Ixodes frontalis 60750
Ixodes passericola 60751
Ixodes pilosus *60763
Ixodes ricinus 24690 24697
60782 60785 85552 85567
*43404 *60753 *60793 *67696
Ixodes soricis 77949
Ixodes tovari 85559
Ixodidae 77592 *16503 *24680
*24682 *43394 *68615
Ixodoidea *68630
Ixonanthaceae *80957
Ixophorus 12178
Ixophorus unisetus *1157
Ixtle 8517
Iziphya 77963
Izmail'skiĭ A A *48227

Jacaranda 22204
Jack W 81004
Jack pine. See Pinus banksiana.
Jackals *32471 *77010
Jackson H S 64010 96196
Jacksonia papillata 6657
Jacquemont V *64020
Jacquemontia *81011
Jaggery. See Sugar.
Jakfruit. See Artocarpus heterophyllus.
Jamaica Agricultural Society 4-H Clubs 37949
Jamaica Dept of Agriculture 11329 96175
Jamaica Dept of Commerce and Industries 35258
Jamaica Forest Dept 91601
Jamesia 52421
Jämtlands Läns Hushallnings-sällskap *11174 *63980
Janczewskia verrucaeformis *19860
Janetiella oenephila *24827
Janssenius *77683
Janus compressus *52703
*85929
Janus green *87563
Janus rufiventris 78034
Japanese beetle. See Popillia japonica.

Item

Japanese encephalitis. See Epidemic encephalitis B.
Japanese Forestry Society *50094
Japanese in Brazil *80508
Japanese millet. See Echinochloa frumentacea.
Japanese persimmon. See Kaki persimmon.
Japyx solifugus *6914
Jardin Botánico de Madrid Herbario *89345
Jardin d'Essai du Hamma *80872
Jasmin oil 26944
Jasminum 64235 81418
Jasminum nudiflorum *13143
Jasminum officinale grandiflorum 49045
Jasminum urophyllum wilsonii 56210
Jatropha curcas *58052
Jaundice 5655 42206 *42512
*85818
Javeta *34295
Jaws
camels 83934
cats *32933 *59854
cattle 84410 *51158
dogs 15600 42355
*4869 *59854
horses 84696
poultry 93014
Jealott's Hill Research Station 1099
Jeanneliusa giaquintoi *77764
Jeeps 75864 91880
Jellies and jams 26577
26578 79533 87504 *44560
analysis and composition 26485 87356 *18227 *45309
Australia 26571
color 26586 38136 54307
54317 62556 79470
grading and standardization 54333
ingredients 62597 63124
manufacture 8824 26586
54382 62619 70655 87505
*8880 *8904 *26595 *26611
*87495
Gt Brit 8888
Norway *62583
quality *45429 *78932
regulation and inspection 86589 86590
situation and outlook 26624
45300
spoilage 54317
vitamins 26586 38136
See also under names of fruits.
Jellisonia bonia 78294
Jellyfish 46055
Jensenobotrya n g *80970
Jeolikote Apiary 85507
Jerusalem artichoke 88079
*39638 *70525 *82510
anatomy and physiology *29216 *48024 *64812 *73115
*89998
biochemistry 1039 64872
*20443 *48152
breeding *1517 *82107
culture *2215 *20443 *20697
*49169 *57810 *57876 *58311
*65892
diseases *64734
feed *20697 *32681 *39528
*39560 *41764 *51151 *51754
*59203 *59602 *60292
fertilizers *66361
forage plant 90332 *48538
*60421 *82048
Germany *48504
USSR *20675 *29694 *48531
*48541 *57224 *57274

*Text of this reference is not in English.

Item
Jerusalem artichoke--Cont.
France *65860 *73666
nutritive value *63941
processing *26590
Jewish Agricultural Society 88877
Job's Tears. See Adlay.
Jodasia n g *52404
Johannsenomyia 68787 85789
John A Finch Memorial Arboretum 30393
John Innes Horticultural Institution 82132
Johne's disease 32796 *67645
cattle 4639 *4666
sheep 68260 *16011 *24172 *33599 *93175
Johnin 4622 42109
Johnin test 15483
Johnny Appleseed. See Chapman J.
Johnsongrass. See Sorghum halepense.
Johnston E C 19641
Joint FAO/WHO Expert Group on Zoonoses 4087 96131
Joint FAO/WHO Expert Panel on Brucellosis 4088
Joint organisation [for the Wool Industry]. See United Kingdom-Dominion Wool Disposals.
Joints 92650 *23015 *59639 *76646 *76664
Joints (woodworking) 22535 *14854
Jönköping Lantbrukskemiska Kontrollstasjonen *47015
Jönköpings Läns Hushallnings-sällskap *11175
Jordan R *34106
Jordbrukstekniska Föreningen 69061 *61382
Jordbrukstekniska Institutet *61361
Joruma 61037 85884
Josephine Empress *64040
Journalism 8362 27976 46647 46723 46885 55632 63769 80458 80475 80840 88764 90541 96187 *10820
Brazil *63707
conferences and congresses 80534
Germany *71824
Japan 19340
USSR *88792
See also Periodicals.
Jowar. See Sorghum.
Jubus 34271
Jugendhilfe Land 37217
Juglandaceae 72384 *141 *64131
Juglandales *12155
Juglans
anatomy and physiology 73252 *56859
bibliographies *65483
biochemistry *64881
culture 39920 73905 *1861 *30144 *39912
diseases 525 23960 47412 47607 47608 72793 *20059 *64532
genetics *39921
hybrids 65489
injuries 28748
irrigation 49913 66484
Pacific Northwest 39922
Pennsylvania 1860
pests *72556
propagation 1866 30150 *13131 *65487 *82287
rootstocks 1869
varieties 1865 13134 21015 65486 *8622 *47607 *57625
Item
Juglans--Cont.
wood 31950
yields 49913 *30151
Juglans mandshurica *31510 *58839 *73901
Juglans nigra 29221 41395 58959 73906 *22300
Juglans regia *22300 *41114 *82293 *82294 *90701
hardiness *57627
Juices. See names of juices and subhead juices and sirups under specific subjects.
Jujubes 2464 58029
Julianiaceae 47797
Juncaceae 74375 *80937
Juncus 80938 *184 *49352 *50740 *74246
Juncus arabicus *49368
Juncus articus *52827
Juncus beringensis *52827
Juncus coriaceus 81046
Juncus effusus *40343
Juncus stygius *38490
Juneberry. See Amelanchier.
Jungles *3265
Junior Farmers 10855 10888 10900
Juniper scale. See Diaspis carueli.
Juniperus 14448 31523 31779 47235 47296
control 13613 58887 74238
diseases 64444
ecology 89784
propagation 49008
rootstocks 48929
Juniperus bermudiana 61054
Juniperus chinensis pfitzeriana *2041
Juniperus oxycedrus *66870
Juniperus scopulorum 30373
Juniperus utahensis 16833
Juniperus virginiana 12180 13847 22708 31535 39012 83304
bibliographies 31545
measurement 75232
wood 22574
Junonia *85978
Jurisprudence *10151
Jussieaea 11491
Jute 91220 *29658
abnormalities 926
analysis and composition 8444 8450 18120 18148 62400 94926 94987
anatomy and physiology 12252 39064 81414
Australia 45239
chemistry 8450
Chile *18091
culture 1295 20626 39427 73489 81909
USSR *39423 *48361
diseases 462
equipment 73489 94241
fiber 45152 87272 94989
India 8490 18071 26333 62384 65048 87229 87295
industry 26313
Australia 8593
France 62440
India 8474 62411 79275 87285
Pakistan 35992
marketing 62410 70433
moisture 87261
Pakistan 10389 45197
Peru *18143
pests 6631 34223 61055 68634 93751
prices 70378 87207
processing 8554 18124 18142 87179 94950
properties 8426 8444 70442
Item
Jute--Cont.
research 79305 83670 87173 87273 *8550
retting 45228 87248
seeds 18665 18730 70954 70991 31230
situation and outlook 18166 62343 *8556 *79236
sizing 18076
substitutes 26365 29652 45177 87207 87208
textiles 70373
trade 19493
India 88926 88934 88959
Indochina *46936
varieties *39430
yarn 26395
Jute Agricultural Research Institute 62384

Kabatiella caulivora 11778 *56538
Kadang kadang. See Cadang-cadang disease.
Kagawa *80566
Kaira District Co-operative Milk Producers' Union 26062
Kaki persimmon *29978 *29988
anatomy and physiology *12146
culture *20906 *82198
diseases 72544 72856
Israel *82184
Japan *30008
pests 72544
pollination *13030 *16163
soils *58305
USSR *57511
Kakontwea n g *24707
Kalanchoe *937
Kalanchoë blossfeldiana *64831 *81581 *81685
Kalanchoë rotundifolia *844
Kalappia n g 80992
Kale 1438 73093
forage plant 4524 73164 *73600
marketing 36175
packing 18298 26562
weed control 74273
Kalininskaia Lesozashchitnaia Stantsiia *22099
Kalmar Läns Norra Hushallningssällskap *11176
Kalotermes simplicicornis 34694
Kamala oil 70930 87883
Kampimodromus n g *77640
Kananaskis Forest Experiment Station 91247
Kanchia 6768
Kangaroos 11213
Kaniama n g 85870
Kansas Agricultural Experiment Station
Fort Hays Branch Station 29726 64091
Kansas Board of Agriculture 7948 19610 80174 96176
Kansas Shorthorn Breeders Association 92493
Kansas State College of Agriculture 4440 8405 22831 45096
Kansas State Fair 84454
Kansas Veterinary Medical Association 32345
Kaolin 2565 13802 58097
Kapok *26422
Karadagskaia Biologicheskaia Stantsiia *11567
Karbonstratigraphischer Kongress *72285
Karboyskaia Mashinno-Traktornaia Stantsiia *37501 *39559
Karite butter. See Shea oil.
Item
Karl Fischer reagent 70537
Kärntner Bauernbund *55786
Kärntner Landsmannschaft *55768
Kasaka n g *85869
Kashchenko N F *20854 *28301
Katacephala 85847
Katanga *85869
Katbergella n g 52628
Katja n g *16939
Kawanda n g 52628
Kearney T H 72215
Keep Virginia Green 31786
Kefir *18011
Keitt method 47372
Kellner O 80753 *3881
Kenaf 8418 26365 45177 45252 *8544 *18059 *70347
Cuba 18173 *87232
industry 45176 62377
processing *18094 *18102 *87202
Kenaf Hibiscus 929 73491 90289 *45132
bibliographies 39426
culture 29653 73472 *20610 *57164 *65053 *81902
diseases 38667 56444 81291 89598 89646
India 94988
pests 56444
Union of South Africa 87237 90293
Keneliola n n *61227
Kennedia 90419
Kentucky Bankers Association 55018
Kentucky bluegrass. See Poa pratensis
Kentucky Dept of Agriculture 89086
Kenya Dept of Agriculture 89087
Kenya Farmers' Association (Co-operative) 88878
Kenyacus *24719
Keraphyllocele *59963
Keratin 26392 62393 94994 *8566 *8570 *8571 *8601 *36560 *54606 *62309
fibers 79292 67170 87271 *70445 *70466
Keratitis 32724 59612 84421
Keratoconjunctivitis 22991 *4627 *32764
Keratyp *67839
Keren Hayesod 27768
Keren Kayemeth 27756
Kern County Potato Growers Association 70571
Kern-Scholer H *38237
Keskusosuusliike Hankkija 63799
Kessler H *19651
Ketchup 54224 70545
Ketoglutarate 20450
Ketohexoses *78739
Ketones 36734 41885 68253 75696 *45785 *70454 *93550
Ketose 63142
Ketosis. See Acetonemia.
Kevonones *68596
Kew Herbarium 38338 64190
Kew Royal Botanic Gardens 21197
Kharabalinskaia Lesozashchitnaia Stantsiia *31385
Khar'kovskaia Gosselek-stantsiia *39348
Khar'kovskii Veterinarnyi Institut *32376
Khaya grandifoliola 75651
Khellin *64885
Khitrovo V N *96195
Khorassania n g *16939
Kichxia *89314

*Text of this reference is not in English.

Item

Kidneys
cattle 42178 *23373 *76333
dogs 51401 59833 *4858 *84537
geese 33302 84887
poultry 33348 51628 93024
swine 33731 *85256
Kidrella n g 85884
Kids 33611 60341 60381 85085 *60312
anatomy and physiology *60355
diseases *51837
Kiel Botanischer Garten *13279
Kiel Versuchs- und Forschungsanstalt für Milchwirtschaft *44923 *70232 *87121
Kieselguhr *7751 *17812 *44600 *78829
Kiesshauer *23919
Kievskaîa Nauchno-Issledovatel'skaîa Stantsiîa Zhivotnovodstva *42289 *76499
Kikiyugrass. See Pennisetum clandestinum.
Kilns
charcoal 32115
lumber 3602 3603 3606 3607 3608 14700 22553 22558 31954 31963 31966 31967 31970 31971 50465 58959 58967 75486 91995 91996 *14783 *14789 *31958 *31959 *41388 *75478 *75480
Kinel'skaîa Gosudarstvennaîa Selektsionnaîa Stantsiîa *48422 *57146
Kingma tube 50925
Kirengeshoma palmata *81423
Kirgizskaîa Nauchno-Issledovatel'skaîa Veterinarnaîa Opytnaîa Stantsiîa *22891
Kirgizskiĭ Nauchno-Issledovatel'skiĭ Institut Zhivotnovodstva *70332
Kirikov *32355
Kirkia wilmsii 30206
Kirschfeld P *74983
Kitchens 17195 25508 35099 35100 44289 69422
designs and specifications 61611 61618
equipment 47087 56045 69418
Gt Brit 53297
New Zealand 25504
Kizawa M *5516
Kjeldahl J G C T *38215
Kjeldahl method *48140 *78720
Kjellbergiodendron 56230
Klapperich J *60891
Klebsiella *84582
Kleidotoma 6744
Kleinia radicans 81574
Kliniek voor Kleine Huisdieren Oogheelkundige Afdeling *4205
Klobouk's disease. See Teschen disease.
Kloet and Hincks' Check List of British Insects 77677
Kloos A W Jr *96210
Klosterneuburg Höhere Bundes-Lehr- und Versuchsanstalt für Wein- Obst- und Gartenbau *13124
Klots' Field Guide to the Butterflies of North America East of the Great Plains 94117
Knema meridionalis 38483
Kniphofia *115 *90721
Koagamin 3990
Kobresia 81117
Kobresiaceae n fam 38438
Kochia 48431 *29700

Item

Kochia indica *72401 *73523 *81997
Kochia prostrata *941
Kochia scoparia 65178
Kochia tricophylla *42450
Kochliogonus *52345
Koeleria cristata 1458
Koenenia *6904
Koenenia berlesei *85556
Koenenia mirabilis *2706
Koenigia islandica 64206
Kohlrabi 95123
*40198 *90028
Kohlsia whartoni 43934
Kok-saghyz
anatomy and physiology *12406 *20350 *29209 *48026 *48038 *48039 *54834 *64802 *81603 *90035 *90051 *90071
biochemistry *1053 *1054 *12528 *39248 *90160
breeding *751 *47489
culture 74403 *2512 *49353
USSR *21437 *30655 *49356 *58017 *66067 *82621
diseases *19903 *19983
equipment *7073
USSR *7084 *7102 *25300 *44068 *44069 *61459
fermentation *63062
fertilizers *64802
germination *81658
pests *5957
pollination *21466
processing *54834
seeds *58044
USSR *21477 *40371 *58030 *74311
Kokkonen P A *56024
Kolkhoz. See Collective farming.
Komarov V L *72204
Kommunisticheskaîa Lugomeliorativnaîa Stantsiîa *58430
Kompleksnaîa Ekspeditsiîa po Voprosam Polezashchitnogo Lesorazvedeniîa *58781
Komplexon *45984
Kongsbergia *68592
Königliche Landwirtschafts-Gesellschaft *71955
Koninklijke Nederlandsche Botanische Vereeniging *11382
Kopparbergs Läns Hushallnings-sällskap 96177
Kopparbergs Läns Kontroll-förening *51314
Kordyana 11917
Koroseal 83016
Korovodes n g 68685
Korthalsia 38437
Kosama *86843
Kosswig C *52393
Kosteletzkya virginica 38477
Kostychev P A *48227 *49462 *58143 *66126
Kostychev S P *11257 *11275
Kotzsch H *11250
Kovalev F Î *35590 *36901
Kovalev V N *51790
Kovalevskiĭ A O *47042
Kraft. See Sulfate liquor.
Krasnokholmskaîa Lesozashchitnaîa Stantsiîa *58643
Krasnopeev M Z *43304
Krasnosel'skaîa T A *47040
Krauss' organ 86044
Kreditforeningen af Ejere af Mindre Ejendomme paa Landet i Østifterne *37110
Kreis color reaction 7998
Krenke N P *29247 *73209
Kress *4916
Krilium 21490 21493 21505 30725 30735 30736 30738 40394 40397 40399—40401

Item

Krilium--Cont.
40404 40408—40410 40417 40421 40422 40424 40434 49386 49389 49390 49396 49397 49398 49399 49403 49406 49407 49409 49411 49412 58069 58072 58074 58078—58080 58082—58084 58087 58088 66101 66107 66108 66130 66133 74417 74420 74428 74430 74431 74442 75290 82665 82666 82671 82676 82677 91163 91164 91168 *66104 *66112 *66115 *66116 *66128 *66140 *74437 *77438 *82667 *82668 *91160
Krisna 61037
Kroger Food Foundation 94524
Krogh A *19670
Krugiodendron ferreum 22730
Kryger J G *47035
Kryger J P 96216
Krym-saghyz *90071
Ktenostreptus *52345
Kudrin S A *66382
Kudzu 66213
*35900 *81930 *81931
Kuenen W A 11277
Kumaonocoris n g 43676
Kumquats 39777 48762
*24963
Kundelungua n g 52622
Kunungua n g 77983
Kunzeana 85884
Kunzella n g 52628
Kurandella n g *88678
Kurihara *45032
Kurzanov F I *77662
Kuschelina n g 78297
Kuschelochilis n g *31327 *31406
Kutîanskaîa Lesozashchitnaîa Stantsiîa *61033
Kuwanaspis *30078
Kuz'min A Î *63879
Kwashiorkor 52698
Kyidris *38240
Kylin H 48163
Kynureninase Kyrenia Co-operative Carob Marketing Union 26528

Labdanum *30659 *70975
Labeling 17630
Labiatae *19835
Labidocarpus 60781
Labidogonalos 6699
Labor 9958 18943 37186 37195 37214 63312 71330 71589 *9739 *10634 *18933 *46386
accounting
Germany *27382
U S S R *27695 *37207 *55100 *63549 *71614
Africa 61328
agreements 63337
Austria *18956 *63334
France *9903
Germany *9969 *80110
and mechanization 37212 37219 *55123
Argentina *52922
Asia 9911 55099
Austria *18953 *37203 *55112 *94323
Brazil *9921 *88268 *88269
Cameroun *80106
camps 9922 71473
Canada *18963 *27358
Ceylon 9941
conferences and congresses 27370 71309 *9925 *9956 *37243
Netherlands *37209
Switzerland *88305

Item

Labor--Cont.
contract 18961 43994 46187 46195 53070 55093 55131 61604 *55084 *63311 *71314
Austria *55133
Canada 71338
Germany *9942 *66754 *66764 *66765 *71315 *71332 *71334 *71340 *71345 *80100 *80121 *86271 *88281 *88296
New Mexico 80112
New York 55090
Norway *91701
Pennsylvania 18955
Spain *63324
costs 46187 46195 *27411
Germany *63331
Gt Brit 37187
Scotland 37596
Union of South Africa 55134
Denmark *9910 *18935 *27405
Ecuador 63317 63335
education and training 9932 9974 27367 *55082 *63308
employer relationships 95680 *55106
energy requirements *91559 *91954 *95676
France *71335
Germany 18965 *9944 *9968 *27378 *27379 *37528 *46198 *46199 *63332 *71344 *71346 *80102 *88297 *95685
Russian Zone 88442
Gt Brit 9922 18932 18934 27383 37220 71348 *37480
history 9949 9952
hours *18942 *37216 *55084 *95685
housing 9907 44293 *35095 *35105 *53299 *61551
India 9896
Iowa 80099
Israel *55095 *63306
Italy *10564 *18938 *63323 *95672
Japan *10207 *80120 *80311
Latin America 63608
legal aspects
Argentina *27384
Austria *9927 *37197 *88293 *95675
France *71312
Germany *9973 *71333 *71354
Gt Brit *95670
Italy *55127
management 9940 37244 63309 95668
Austria *27361 *55138
Germany *46200 *63302
Gt Brit 9940 71320
Italy *55106
U S S R *63320
Yugoslavia *95678
Mexico 18959
migratory 27350 46177 55126 71310 80116 80119 *95661
California 63721 88274
conferences and congresses 63314
Florida 27990
Illinois 18940
legislation 71352
Mexico 27403
Mississippi 63328
Texas 9967
Missouri 46191
Nebraska 10336
Netherlands *9901 *88822
Norway *27365 *37233 *46180

*Text of this reference is not in English.

Item

Labor--Cont.
policies and programs 37201 46203 71331 88279
Australia 88289
Austria *27353
California 55097
Germany *37245 *37246 *63298
Gt Brit 71324
Italy *3213 *37242
Netherlands *18941 *62526
Spain *9934
Switzerland *63341
productive capacity 9926 18930 27421 37184 46204 55086 55115 63304 63343 79121 80097 80113 80115 88302 95669 95681 *9930 *27400 *86137 *88294
Australia 80097 95669
Austria *9930
Germany *9954 *9957 *9959 *46193 *63433
Russian Zone *55121
Netherlands *71316
New York 71553
Switzerland *27402
U S S R *9897 *9906 *9929 *9948 *9951 *9971 *27395 *27409 *31856 *37182 *37215 *55100 *55105 *58916 *63330 *95673
recruiting and placement 9952 46186 55115 88303 88304
requirements 18962 27399 37183 *46196
California 71318
Germany *9955 *27382 *55119 *55123
Hungary *71342
Italy *9950
Michigan 37248 37249
Philippines 88278
Sweden *80090
Scandinavia *18954 *18963
seasonal 3094 27377 *27392
Sicily *37613
situation and outlook 18962 27372 27397 37183 37226 46182 55102 63303 63340 *37179
Belgian Congo *18949
Canada 9908 27371 80094
Finland *31864
Germany *55118 *63346 *71337 *88275 *88291
Gt Brit 37200 *55116
India 18937
Israel 9898
Netherlands *88290
Nyasaland 13689
Pacific Northwest 95663
Switzerland *55085
Southern Rhodesia 9972
Southern States 46596
Spain *71326
statistics 37226 71353
Connecticut 80086
Germany *9959 *27356 *27410
Puerto Rico *88295
strikes
Germany *9970 *46201
Italy *37197 *55107 *55127 *63325
Sweden *27351 *37211 *63315 *71336 *80091 *88276
Switzerland *37193 *63336 *63341 *63670
transportation 10597
Tunisia *37931
Union of South Africa 63348 71317 *9914

Item

Labor--Cont.
U S S R *9945 *55699 *63308 *63326 *63345
unions 27397
Algeria *37190
Austria *37231
California 9936
Germany *95667
Israel 46181
Italy *37234 *46202
Netherlands *37237
Spain *80031
work management 9900 9916 9953 9974 17207 18944 27364 27406 27608 37180 37185 37223 37239 37244 37250 42281 44079 46179 46204 55012 55089 55101 55115 62590 63155 63301 63304 63313 76899 94544 95671 *34733 *37191 *46178 *46183 *55103 *55132 *63310 *63319 *71347 *88270 *88282 *88285 *95658 *95660
Australia 37213
Denmark *9933
France *80092
Germany *9918 *18945 *18952 *55083 *55092 *55104 *55120 *55136 *71349 *80085 *80108
Russian Zone *71328
Gt Brit 55110 71341
Netherlands *9920 *27387 *71316
North Africa *80107 *95679
Norway *80111
Sweden *46188
Switzerland *37238
U S S R *9913 *9928 *9929 *9931 *9961 *9962 *9964 *27349 *27352 *27354 *27360 *27374 *27376 *27380 *27385 *27390 *27391 *27395 *27401 *27404 *27414 *27416 *31322 *31358 *37178 *37188 *37189 *37205 *37206 *37208 *37210 *37218 *37224 *37227 *37229 *46184 *46185 *46194 *55087 *55117 *55129 *55130 *55135 *63300 *63318 *63321 *63322 *63333 *63338 *63339 *63347 *71311 *71321 *71350 *80101 *80104 *80105 *88283 *88288 *95659 *95665 *95682 *95683
Yugoslavia *71351 *88299
Laboratories 41786 75942 75950
France *92336
French West Africa *92302
U S S R *23005 *25978 *32426 *38311 *83820
Laboratory animals 51517 92888
Laboulbenia 28669 *72494
Laboulbeniaceae 81118
Laboulbeniales 19865 *28668
Labrella coryli 11831
Labrossyta 52699
Laburnum *30175
Lac 34431 60540
Laccase 56980 81555
Laccifer lacca 34431
Lacconectus *77714
Lachlania 25122
Lachnaea fuchsi *34269
Lachninae *77960
Lachnus *73137 *73240
Lacipa 61175
Lacquer 17588
Lacrampe-Quinta *37623
Lactates *7990
Lactenin 62090
Lactic acid 1035 35799 95175 *86717

Item

Lactic acid--Cont.
bacteria 17865 17866 95262 *7995 *35524 *35685 *44824 *45047 *62092 *70030 *70031 *87139
chemistry 20435 27157 67253
determination 8343 62077 *53655
extraction *44991
in food processing *69680
in silage 3849
in tanning *54671
in wine *35495
manufacture 8021 71118
Lactic acid dehydrogenase 56907
Lactica *6412 *77662
Lacto-Hemo-Reaction 59731
Lactobacillus 8021 18528 54320 70539
Lactobacillus bulgaricus 79039 *84328
Lactobacillus lactis 86554
Lactoflavin. See Riboflavin.
Lactoglobulin 87922
Lactometer *7957
Lactose 79039
hydrolysis 8285
in goat physiology 76999
in milk 7963 8277 33342 53767 *8192 *18005
manufacture *26167 *62253
U S S R *44784 *53961 *94736
Lactuca scariola *81242
Ladd E F 72198
Ladders 3430 3515
Ladino clover 1346 21790 39474 39576 63568 73570 *1344 *54034
anatomy and physiology 683 20402 73307
culture 39450 48411 90433 *29678 *29687 *57221
diseases 561 72621
feed 23364 32288 59596 60408 76188 76204 76228 77069 84839
fertilizers 14003 65182 65183 *49582 *49583
hardiness 73307
irrigation 65182 65183
Mississippi 20686
pollination 52074
seed 1416 48498 61452 71102 90433
threshing 20680
varieties 1417
Ladogal liquid *67827
Laelaps moris *6377
Laelaptidae *77640
Laelaspis *93731
Laelia 82307 *24688
Laelia coenosa *16962
Laemostenus *34212 *85665
Lagasca M *89183
Lagenaria leucantha 38819 47661
Lagerstroemia 21154
Lagerstroemia speciosa 49030
Lagoseris sancta nemausensis *72359
Lagotis hultenii 94
La Greca M *86077
Lagunaria patersoni 57666
Lagynodes pallidus *68888
Lagynodes rautheri *68888
Lagynodes rufescens *68888
Laikov N Z *20484
Lallemantia *39004
Lallemantia iberica *9457
Lamarckiana 78237
Lamb Carcass Competition (Australia) 62844

Item

Lamb meat 33632
analysis and composition 62815
freezing 45715
grading and standardization 9281 9316
Gt Brit 51877 87758
Iceland *18517
marketing 9281
New Zealand 62815
nutritive value 62815
quality 36619
vitamins 45715 47010 55950
Lambdina fiscellaria 94047
Lambliasis 42229
Lambs 15984 15990 68215
anatomy and physiology 16025 *33534 *51785 *68250 *85050
carcasses 9276 9281 62844 68284
care 42979 42981 42988 51867 60383 68270 77020 85154 *5723 *24205 *60386 *85151 *93187
diseases 5668 16000 24170 33587 42933 42936 42943 42960 68240 68252 68260 84373 85112 85121 85135 *51838 *51846 *60373 *60375 *68232 *93170 *93173
Poland *33584
Union of South Africa 85126
docking 24174 *77007 *85132
feeding and nutrition 5641 5642 5646 5653 15986 15989 15991 24137 33560 33681 45747 68226 68227 76979 76980 84209 84272 85077 85080 85081 93146 *85083
deficiencies 15998 24140 42922 42936
Germany *33562
Great Plains 15988
Iceland *76981
New Zealand 68224
pasture and range 51804 51811 60343
U S S R *33571
growth 42907 76980
marketing 9276 36587 36599 70835 87760 *18539
Mississippi 16038
mortality 15989 24158 93172
parasites 85107 85130 *5672
prices 54652 *9326
situation and outlook 26812 36543 54586 70792 77025 *9187
statistics 36681 45744 45747 87817 95320
Tasmania 26918
weight and measurement 33640 51813 87776 *33580
Lameness 41888
horses 5063 23610 67923 *23649 *92831
poultry *23919
sheep 51854 85111
swine 9245
Laminaria 12158
Laminitis *5046
Lamium 73041 *40355
Lamocrabro n g *16910
Lamotte M *52401
Lampetia equestris 60900 *43533
Lampides boeticus. See Cosmolyce boeticus.
Lampronia rubiella 25040

*Text of this reference is not in English.

Item

Lamps 17522 44358 86487 *25450 *46386
Lampyridae 34255 60853 *68663
Lamyctes 93700
Land
abandoned or idle
Gt Brit 19264 27875 37457 55498
appraisal 46583 71730 71734 71600 71743 88698
Austria *9882
Chile *18924
Germany *10565 *46591 *55583 *71740 *80420
Gt Brit 10560 46592
Italy *10566 *63657
Netherlands *27882 *63663
Sweden *46586 *55580
Belgian Congo *63620
boundaries *10494 *37650 *37701
cadastral surveys 10250 37711 55512 88480
France *55077
Italy *18902 *37668
Spain *55568
Switzerland *80410
classification 37715 63652 91255
Alaska 30825
California 74834
Canada 37719 95925
Denmark *2648
Finland *95923
Germany *37705
Idaho 58181
Philippines 88691
Swaziland 37411
Washington 37864
clearing 7144 30554 49315 *3572 *58796
Alaska 30885
Australia 25341 75338
equipment 7146 7147 25341 44058 69249--69251 94345 *53096 *61466
U S S R *44113 *58410 *58411 *61465
Finland *44115 *78475 *94346
Germany *40577
Gt Brit 7144 25341
India 19191
Philippines 44114
U S S R *58436
consolidation of holdings 27842 *25214 *55529 *63605 *71691 *95898
Austria *88619 *88640
Czechoslovakia *55361
France 27845
*10477 *27828 *27836 *37685 *55521 *55553 *71703 *71704 *71709 *88661
Germany 46558 *10466 *10482 *10503 *10508 *10518 *10529 *19219 *19254 *27854 *37646 *46521 *46551 *46552 *55501 *55519 *55554 *71682 *71691 *71705 *71712 *71717 *71777 *80385 *88625 *88633 *88637 *88670 *95917
Greece 27831
India 27842 55566
Italy *37656
Netherlands 27848 *10448 *37699 *46560 *49545 *55528 *63621 *71687 *80369 *88642
Norway 37661 *19248
Romania *71717
Spain *46523 *46544
U S S R 27865 46403 63624 *1135 *1248 *10352 *10491 *10520 *21437 *26798 *26805 *27605 *27634 *27808 *29492 *30094 *34127 *63625 *63634 *63650 *71604

Item

Land--Cont.
distribution 27846 *10478 *27244 *80362
economics 37537 55427 71581 95814
Mediterranean Region *55352
Tunisia *46423
expropriation
Germany *19238 *55547
Italy *10532 *27805 *37648 *37669 *37671 *37687 *46556 *55539 *63633 *71674 *71716 *80370 *80381
Netherlands *63663
fragmentation of holdings
Austria *63605
France *63636
Germany *10480
Greece 27831
Italy *88668
Sweden *55542
grants 10279 71706 88634
human relationships 37704 46571 *18933 *19232 *46904
Colombia *19210
France 10937
improvement 27654 55569 *21901
indemnities *19238 *19239 *71716
Indian 27840 37696 80400
inheritance 37673
Germany *19216 *19242 *55536
Italy *10463 *80367
France *27820 *71881 *80375
legislation 27641 37453 37682 37692 63621
leveling 7145 14075 14139 21839 21855 86224 *69176
California 74703
Cyprus 58511
marginal 65071 *74526
Gt Brit 10554 19255 37704 50145 55569 88690 88692
Ireland 27644
Kansas 84211
New Zealand 75083 95796
Sicily *50344
nationalization 10533 *63623
policies and programs 10265 27872 37472
Alaska 37538
Arizona 55353
Australia 46419 55403
Canada 63476
Ceylon 95788
China 27816
Denmark 10488
Germany *37702
Indonesia 63520
Ireland 10490
Israel 27641
Mississippi Valley 55373
New York 10317
Northern Rhodesia 55406
Transjordan 88481
Tunisia *46423
Uganda 46439
U S S R 63610 71692
prices 46105 71736 71744 80418 80419 88697
Arkansas 19268 37729
Gt Brit 95614
Netherlands *46590 *55574 *55577 *55578 *63656
productive capacity 63651 63652 74752 82755 83119
Germany *55519
public 10250 10265 10266 10276 10288 10350 10534 14278 19107 27771 37549 37550 37640 37710 58673

Item

Land--Cont.
public--cont.
71603 80277 88480
Alaska 19133 31791 37465 37497 37538
Arizona 10246
California 10258
Canada 46410 55407 71533
Cyprus 71534
Michigan 37553
New York 27337
New Zealand 27653 27764
Oregon 37522
Philippines 19123
policies and programs 10279 39573 55363 88464 88468
Canada 37557
Lake States 37457
Sierra Leone 88519
Transjordan 88481
U S S R *46519
Western States 37517
Wyoming 10357
purchase and sale 19107 19265 55576 63661
Australia 63658
Germany *19205 *19234 *19240 *19245 *27877 *88701
Gt Brit 37728
Israel 27756
South Dakota 46105 46589
Sweden *27883
reform 10452 10467 10499 10500 19218 27809 27813 37667 37697 37698 46555 63609 63641 71707 *10457 *19235 *27792 *37658 *71699 *88654 *88668 *88669
Africa *80368
Australia 55504
Brazil *10451 *10676 *37450 *88676
Bulgaria *80380
Cameroun *80392
China 27817 63610 80374 *10528 *37672 *55527 *71700
Czechoslovakia 37649
Egypt *88644
Europe *10461 *19206 *27786 *63640 *71713
Far East 27788 27793
Finland *27787
Formosa 27861
Germany *19201 *19220 *19221 *95911
Russian Zone *46536
Guatemala *80366
India 27819 37644 71201
Iraq 10462
Ireland 46550
Italy 10454 27849 37679 46549 74723 88631 88655 *10126 *10449 *10455 *10456 *10472 *10479 *10484 *10502 *10511 *10519 *10524 *10552 *19200 *19230 *19246 *23099 *27779 *27805 *27832 *35156 *37665 *37666 *37669 *37671 *37686 *37691 *46556 *46557 *55502 *55505 *55515 *55517 *55526 *55543 *55544 *55551 *63325 *63430 *63633 *71206 *71670 *71672 *71674 *71675 *71677 *71697 *71716 *75081 *80381 *80397 *80404 *80473 *88618 *88629 *88641 *88650 *88663
Japan 10496 19227 27822 27829 37703 55557 71719 88624 95904 *80376 *88674 *88678
Kashmir 80390
Korea 46542
legal aspects
Germany *19202 *19214

Item

Land--Cont.
reform--cont.
legal aspects--cont.
Germany--cont.
*19229 *19239 *19243 *19250 *19251
Mexico 10536 27807 *37692 *46541 *71676 *71684 *88621
Netherlands *46524
Philippines 27863
Paraguay 27847
Puerto Rico 37760
Romania *37645
Sicily *19237
Spain *10525 *10526
U S S R 10535
Venezuela 27860 *27755
resources 46422 95760
rights of way 2358 2395 10465 19209 27784 30182 49307 58500 64113 *80378
Austria *80378
Gt Brit 19233
Northeastern States 21074
Oregon 57945
Pennsylvania 30550
weed control 30514 30527 30551 30552 30589 30612 65948 65959
Ruanda-Urundi *63620
settlement and colonization 37633 *10437
Africa *27753 *46512 *88611 *95890
Alaska 37638 88602
Argentina *19194 *80365 *88614
Australia 7685 17699 25766 27770 46511 69754 71671 88612 95891 95893
Belgian Congo *55494
Brazil *46516 *61621 *88609
Canada 10440 10445 10446 19199 63599 *27767 *63598 *88610
Ceylon 88603
Chile *46514 *55496 *63597 *71662 *88615
Colombia *88605
cooperatives 95885 95894 *46799 *63247 *71663
Denmark *58416 *95883
Europe *37636
Finland 10438 27766 37641 71669 80363 *46208 *71666
French Indochina *55495
Germany 10447 27765 27830 37631 *19192 *27754 *27757 *27758 *27759 *27761 *27769 *27773 *27787 *35030 *37630 *37634 *71665 *71668 *88607 *95882 *95889
Gt Brit 10431 10432 37629
history 10440 27765 80361 95887
India 19191 27762 88600
Iraq 37628
Israel 27768 80276
Italy *37648 *71664 *71670 *95886
Japan 10434
Jordan 14045
Kenya 19258 55498 95884
Latin America *10428 *19257
Malaya 37642 46513 88601
Mississippi Valley 55373
Montana 46515
Morocco *19195 *19198
Mozambique *63595 *88613
Netherlands 88606

*Text of this reference is not in English.

Land--Cont. Item
settlement and colonization --cont.
New Zealand 9762 27764 95888
Nigeria *37637
North Dakota 27772
Norway 37632 *10435 *46356
Peru *10443
Philippines 19193 27763 46510
Portugal *80364
Punjab 19197
Southern States 27760
Spain *10429 *10439 *10442 *10444 *55497 *88604
Spanish Morocco *80362
Swaziland 37639
Switzerland *10436
Tasmania 88173
Territoire du Niger *95892
Tropics *10433 *27753
Union of South Africa 64033
Venezuela *10430 *27755 *63596 *88608
West Indies 37635
subdivision *55506 *88638 *88664
surveys 46580 82757
California 78298
Cyprus 71534
New Zealand 27653
Northern Rhodesia 55406
Sierra Leone 88519
Sweden 71727
taxation 9895 37160 37168 46158 63288
Australia 18921 80070
Austria *9882 *88252
Chile *18924
France *55077
Germany *9887
Gt Brit 46534
Lake States 37457
New York 27337
Spain *71278
Western States 37517
Wisconsin 71307
tenure 10452 10501 10531 19222 19247 27796 27801 27802 27840 27859 37696 46161 46517 46540 55541 80373 80379 80403 88659 *9739 *9763 *10510 *19208 *27864 *37647 *46548 *55513 *71767 *88628
Africa 27811 63629 *63601
Algeria *55500
Belgian Congo *55522 *63618 *63620
Brazil 27856
British colonies 63629 71718
California 19212
Cambodia 27867
Cameroun *80392
Canada 10521 27858
Chile 27783 63612
Colombia 27785 80398
conferences and congresses 19231 27798 46535 63626 *88653
Cuba 27846
Denmark *10497
Egypt 27806 37654 *10044
enclosure 27814
Europe 27835 *10461 *19206 *27786
France *10486 *55537 *55538 *71696 *80192 *95909
French colonies *63600 *63601 *80402
Germany 27830 *10480 *19204 *88639 *88645

Land--Cont. Item
tenure--cont.
Gt Brit 10533 46559 88675
Guatemala *63642
Haiti 55599
history 10460 10516 63604
Europe 27803
Gt Brit 10493 27814 46538
Latin America 27781
Netherlands *80393
U S S R *95897
Illinois 80396
India 10489 19203 19215
Indonesia 63639
Iran 27777
Ireland 10507
Israel 27791
Italy *10463 *27855 *37648 *46312 *55552 *55555 *88620 *95672
Japan *88674 *88678
Kenya 63622 80371
Korea *95912
Latin America 63608
Lebanon 27778
legal aspects 63632 *10512
Austria *10494
Brazil *10498
Denmark *95906
France *80388
Germany *19240 *19252 *46533 *46537
Gt Brit 63617
Italy *10512 *10513 *37668 *37670
Netherlands *19207
New Zealand 80387
Nigeria 63614
Venezuela 63628
legislation
Belgian Congo *63615
Gt Brit 37277
Norway *41081
Switzerland *27821 *55534 *95905
Madagascar 27789
Malaya 27776
Mauritius 55535
Middle East 37653
Mississippi 69415
Netherlands *55574 *71711
New York 10597
New Zealand 9762 *27244
Pakistan 10492 27775
Paraguay 27847
Peru 27837 *37681
Philippines 27863 37652
Puerto Rico 27844 37730
Ruanda-Urundi *63620
Scandinavia 27868
South Dakota 37676
Southern States 27790
Spain *88632
Syria 27804
Transjordan 88635
Turkey 27852 71701
Union of South Africa 63613 80399
U S S R 10535 27839 *46519
Uruguay 27824 *95907
Utah 27782
Venezuela 27860
Yugoslavia *88627
titles 10534 27774 63631 63643 88647
French colonies *63600
Germany *19245
utilization 3090 10558 21972 27869 27873 37693 37706 39443 46562 46563 46571 46573 46579 46581 55572 58167 63649 71725

Land--Cont. Item
utilization--cont.
80416 83129 88513 88684
Africa 10538 88689 *66097
Asia *46566 *71721
Australia 30822 37713 40536 80409
Austria *63647
Azores *2515
British East Africa 36691
British colonies 71718
Canada 10550 37707 46564 83087 95921
Ceylon 88683
China 10543
Colombia *74890
conferences and congresses 10538 27871 80411
Far East 10546 *46566 *71721
Fiji 63648
France *88679
Germany *49670 *71726 *95920
Russian Zone *40547 *55561
Gt Brit 10545 10554 17430 19262 27875 37709 37721 46565 46568 46570 46575 46578 55558 55570 55571 71479 88686 88687 88688 88690 95922 *88681
Scotland 10541 10542
Hawaii 40863
Honduras 83014
Idaho 27818
Illinois 37706 88680
India 10547
Indochina 10544
Iowa 1095 46567 49885 80408
Ireland 19261
Japan 10557 37714 66536 *55564 *80414
Kansas 49548—49550
Korea 10548
Latin America *19257
Malaya 10540
Mauritius 55565
Middle East 88685
Mississippi 19259 46572
Morocco 82778
Netherlands *19260 *27874 *63646 *95924
New England 80407
New Guinea 10556
New Mexico 37716
New York 10549 37708
New Zealand 55366 80415
Pacific area 55560
Peru *71720
Philippines 10553
Sierra Leone 21967
South Dakota 80413
statistics 44615 61881 63654 *44620
Sweden *37717
Switzerland *46561
Texas 82889 88694
Tropics 80411 *46566
Tunisia *10551
Union of South Africa 10537
U S S R *37720 *46569 *57278 *63650 *63653 *71722 *75057
Utah 21605
Washington 27818
Western States 71724
Wheat Belt 27876
Wisconsin 55562
values 10562 10567 19267 27307 46582 46583 55575 71731 71734 71741 80373 *95903
Algeria *55500
Belgium *71737

Land--Cont. Item
values--cont.
Denmark *37727
France *55585
Gt Brit 46534
Iowa 55582
Italy *10563
Netherlands *19266 *55578 *55584
New York 37723
South Dakota 37724
Southern States 95926
Sweden *71735
zoning 19263 37718 46576 46577
Illinois 71723
India 55559
Land and Agricultural Bank of South Africa 8003f
Land and Agricultural Bank of Southern Rhodesia 37112
Land-grant colleges 10601 10613 10614 10624 10631 10642 10652 10653 10661 10664 10665 10668 10675 10686 10690 10691 10693 10697 10701 10709 10711 10748 10750 10754 10757 10759 10760 10779 10810 10829 18991 19069 19290 19348 27923 27928 27999 28000 28036 37775 37783 37795 37850 73854 37862 37887 37891 46627 46668 46776 63742 66824 75999 80462 80505 80506 80822 88750 96021 *71843
history 80531
New Mexico 37776
Western States 10816
Land O'Lakes Creameries 86948
Land Rehabilitation Project (Ireland) 58203
Land Service Movement (Union of South Africa) 37533
Land Utilization Conference 27871
Landbouw-Economisch Instituut *27242 *95597
Landbouw Jongeren Gemeenschap Zeeland *37973
Länderlicher Genossenschaftsverband *8063
Landesbauernkammer Schleswig-Holstein *1086 *1120 *3252 *4200 *71440
Landesverband Bayerischer Imker *77413
Landesverband Hessen 54802
Landesverband Niedersächsischer Molkerei- und Käsereifachleute *88219
Landscape architecture 30186 48933 57742 90749 *13409
Landscape gardening 1881 1882 1932 2018 2063 2076 2139 13149 13187 13231 13232 13412 17185 21028 21047 21048 21050 21077 21118 21147 21215 21224 30292 30303 30326 30359 30376 36394 39932 39993 39998 40106 40138 40146 48988 48995 49002 57406 57692 57697 57698 57738 57751 65606 65640 65654 65661 65669 65683 65714 65718 65726 65794 73976 74070 74074 74081 74121 82318 82388 90791 90852 90869 *1964 *2080 *2124 *21038 *21040 *21164 *25506 *40133 *48938 *48939 *49038 *57704 *57782 *57786 *65549 *65690 *65709 *73917 *74082 *82317 *82325 *82326 *90708 *90732

*Text of this reference is not in English.

Item

Landscape gardening--Cont.
Argentina *21041 *90736
Arkansas 65533
Austria *40068
Belgian Congo *2144
Belgium *1889 *30325 *40083
Denmark *1998 *2031 *2116 *40002 *48921
England *57414
Finland *82400
Florida 40137
France *90777
Germany *49024 *57759
Russian Zone *40055
Gt Brit 30248 90897
Iceland *13147
Italy *21204
Netherlands 65562
Norway *2080 *2103 *74103
Pakistan *74036
Sweden *13191 *73913 *73957
U S S R *2115 *30240 *30331
Virginia 21226
See also under 4-H Clubs.
Landskrona anstalt Weibullsholms Växtförädlingsanstalt *12206 *29167
Landwirtschaftliche Genossenschaft Kirchberg *1676
Landwirtschaftliche Rentenbank *95620
Landwirtschaftliche Untersuchungsanstalt Lübeck *11341
Landwirtschaftliche Untersuchungs- und Forschungsanstalt Kiel *11327
Landwirtschaftlicher Forschungsring Thüringen *47119
Landwirtschaftskammer für Oberösterreich *55727
Lanelater n g 77654
Langeron M *28326 *72193 *80786
Langlassé E 89267
Langstroth L L 11266 56028 77587
Laniferus n g 68644
Lannea grandis 14892 75147
Lanoc CN 70395
Lanolin. See Wool fat.
Lantana 47260
Lantana camara 57925
Lantbruksakademien *89088
Lanthanum 34307
Lanuvia 56268
Laothoe populi 85947
Laparocerus 52460
Laparotomy *23512 *67622
Laphria ephippium *60984
Laphygma exigua *85966
Laphygma frugiperda 16951 43860 78106 94068
Lapiedra martinezii 64187
Lapsana musashiensis 131
Laraesima 93778
Larch case borer. See Coleophora laricella.
Larch sawfly. See Pristiphora erichsonii.
Lard
analysis and composition 79692 *79697
Canada 87724
keeping quality 9372
marketing 9268
processing 9268 9350 70891
situation and outlook 62771 62803
statistics 79769
Larentia scripturata dolomitana *78082
Larentiinae *17003
Large milkweed bug. See Oncopeltus fasciatus.
Larinus jaceae *77751
Laristania n g *16939

Item

Larix 31514 *24612 *31759 *75142 *91687 *91779 *91791
diseases 28881 *72705
Finland *75131
Germany *91686
Gt Brit 64119
hybrids *72705 *91815
Italy *73971
pests *61320 *68935
seeds *91849 *91860
U S S R *38878
wood *41645 *59137 *92136
Larix daurica *91776
Larix decidua 31627 73169 75327 91815 *66919 *75249 *81701
Larix eurolepis 93949
Larix europaea. See Larix decidua.
Larix gmelini *22289
Larix gmelini japonica 56229 91689
Larix kaempferi. See Larix leptolepis.
Larix leptolepis 50248 75274 *39073 *39176 *47963 *75174 *75249 *91815
diseases 72788 *72801
pests 93949
wood *50568 *50628 *50648
Larix occidentalis 50644
Larix polonica *81420
Larix sibirica *22393 *58833 *89846 *91757
Larrea 3764 12069
Larrea meal 50715
Larsen P 72728
Larva migrans 4868 *15594
Larvacarus n g 77595
Larvaevorinae. See Tachininae.
Larvicides 4073 16785 68792 *16777
Laryngismus paralyticus *84664
Laryngotracheitis 42664 84926 *5367
Larynx 32980 *5064 *23657
Laschia 81094
Lasiacantha *24923
Lasiocampa quercus 17035 17108 *78100
Lasioderma 52460 *77766
Lasioderma serricorne 68992 *85670
Lasiopleura 24853
Lasioptera 85766
Lasioptera rubi *72995
Lasius *21560
Lasius alienus *16896
Lasius niger *16896
Laspeyresia interruptana *68979
Laspeyresia molesta. See Grapholitha molesta.
Laspeyresia pomonella. See Carpocapsa pomonella.
Laspeyresia strobilella *94080
Laspeyresia toreuta 78136
Lastaurax n g *24792
Lastauroides n g *24792
Lastaurona n g *24792
Lastauropsis n g *24792
Lastaurus *24792
Late blight
potatoes 11810 20005 20009 47478 47594 56479 56490 56494 56574 64509 72660 72706 72790 89637 89640 *420 *423 *485 *19910 *19967 *81223 *81258 *89633
tomatoes 11839 28914 28966 56571 72640 89678 *56465
Laterite soils 21589 91256 *2548 *2664

Item

Laterite soils--Cont.
Australia 2659
Indonesia *66381
Laternaria 6651
Latex 71083 87993 88003 88013 89975 89976 *54831 *79895
analysis and composition 18728 36842 95423 95434 95449 95453 *20430 *36846
bacteria *54836 *54837
chemistry 36843 36850 36851 95427 95435 95460 *54827
hydrogen-ion concentration 95443 95462
processing 9591 18724 27062 45919 54832 54842 63042 71075 71076 71078 88013 95428 95444 95462 *27063 *71075 *95456
properties 27056 89976 95424 95426 95427 95430 95437 95438 95445 95446 95448 95450 95451 *88012
storage 95429 95443
tests 45922
Lath houses 7349 78628 94461
Lathes 22544 75566
Lathrobium *6413 *52446
Lathromeris *6736
Lathromeris senex *60838 *61129
Lathyrus
U S S R *57331 *90782
Lathyrus odoratus 39986
40022 57779 74005 74119
culture 21059 21063 49118 65696
diseases 72828
Lathyrus sativus 81774 *26486
Latreille 68710
Latrodectus mactans 16253 77615 *6395 *52368
Latteria Sociale Agricola di Ponte Valtellina *41966
Laubach F C 95960
Lauderdale County (Ala) Cooperative 10891
Laundering 38257 56044
Laura Agricultural Bur Pasture Competition 48386
Laurelia serrate 22668 59078
Laurencia obtusa *19860
Laurentian Forest Protective Association 50374
Laurentiana n g *77776
Laurus 65801
Laurus nobilis *14614 *41119
Lavandula 21441 *66075
Lavatera trimestris *952
Lavender. See Lavandula.
Lawnmowers 53074 69137
Lawns 2071 30266 39996 48937 49029 65659 72539 82409 *57732
Arizona 1938 13226
Canada 74040 74112
care 2089 2142 21146 40000 49107 49402 53024 57773 65766 66453 90795 90895 *13239
fertilizers 66394
Hawaii 39941
Maryland 65684
Oklahoma 82316
pests 43483 52787 60571 85603 93378
planting 2097 2099 13336 21043 57725 57740 82429 82441 90790 90795 *40121
Sweden *2140 *49110 *49111
Texas 90905
U S S R *30358

Item

Lawns--Cont.
weed control 13594 30539 57922 65927 74259 91011
Lawsonia alba 38787
Layia 56222
LCF See Leuconostoc citrovorum factor.
Lead
determination 26688 79006 *53413
effects on plants 73111
toxicity 4532 67611 *76289 *92246
Lead acetate *35221
Lead arsenate 366 52438 68690 77225 86009
Leadership 10681 10842 10844 37916 38248 55738 63774 71928 88835 96031 *96077
Brazil *19392
Kenya 37915
India 96030
training 10840 10841 10936 10938 28083 46745 71941
Utah 46746
Leaf blast *38721
Leaf blight 47527 56566 72780 89615
Leaf burn 12440 29199 39128 89922
Leaf cast 518 28881
Leaf curl
cotton 29028
fruit 56501 72832 81272 *451 *89617
sugar beets *38826
Leaf freckle 47407
Leaf miners 16699 52029 52073 77243 *52748 *77180 *77869
Leaf roll 29005 47624 77957 89734 *47642
Leaf rot 11895
Leaf scald 28825 38784 *11959
Leaf spot
apples 399
Armeria 56481
beans 28865
Caragana arborescens *64496
celery 89679
Fraxinus *64496
Gerbera 11871
Gladiolus 11804
oats 478
Panicum repens 81297
Phalaenopsis 11891
plums 89655 *19937
ramie 11775
sugar beets 38665
tomatoes 38715
turnips 64405
Leafhoppers 24918 24942 61093 *24951 *68869
and plant disease 12026
Finland *34466
parasites 24941
Puerto Rico 61037
Switzerland *68856
taxonomy 68814 *68869
Utah 16841
Leafy spurge. See Euphorbia esula.
League of Nations publications 37260
Leases 19107 19211 27797 27812 37662 37689 46528 46530 55524 55525 71679 80372 80382 *95903
Columbia Basin area 55503
Europe *10464
France *10474 *10476 *19236 *27825 *37683 *55063 *55537 *55538 *88503 *88662
Germany *19224 *27810 *27833 *27834 *37660 *37663 *37680 *46545 *55523 *71678 *80384 *88636 *95901 *95916

*Text of this reference is not in English.

Item

Leases--Cont.
Great Plains 27827
Illinois 55508—55510
Italy *10502 *27850 *37643 *37687 *63630 *71698 *71710 *88616 *95910
legal aspects 55516
France *37675 *55518 *71693 *71694 *80397 *88649
Germany *19213
Italy *63611
Netherlands *10468 *27815 *71686
North Africa *88630
Spain *10506 *19241 *27843 *37695 *46420 *46425 *71680
Sweden *71685
legislation
Belgium *46547 *55532 *80401
Germany *10471 *10515 *71688 *71690 *88617 *88622 *88623 *88648 *88651 *88657 *88658 *95902
Italy *19226 *37684 *55502 *63635
Netherlands *27826 *37688
Netherlands *10487 *71687 *80389 *88652
Sicily *27823 *55545 *55550
Southern States 95896
Spain *27851 *37659 *37694 *46526 *46546 *63619 *63637 *71278
Texas 55499 55530
Uruguay *63627
See also under specific subjects.
Leasia australis *52465
Leather 9227 9232 18500 36522 96225
analysis and composition 36555 62820 70813 *9255 *54601 *54602 *70816 *79686 *87748
chamois *79755
chemistry 9247 45653 79691 95257 95265
conferences and congresses 87746 *18525 *87709 *95228
defects *54666 *62845
dictionaries 9194
directories 9247
industry *54584 *62770 *70790
Italy *95252
mold and mildew proofing 18594 26325
processing 9339 18602 26888 26902 26903 36667 61871 *9368 *45726
properties 36557 70811 70817 79686 79695 79699 87755 *9342 *18531 *54601 *54602 *70816 *79694 *87748
quality 9207 9298 *87793
research 18520 79747 87711 87799 95230
tests 9252 87747
utilization 18536 18537
See also Tanning.
Leather Industries Research Institute 87799
Leaves 56963
anatomy and physiology 1029 12137 12306 20153 20309 29225 30920 31297 38371 39025 47760 48020 56723 64742 64751 73017 73133 73329 81562 89862 90059 *12168 *20183 *28398 *29091 *29293 *29297 *29314 *38899 *48072 *56855 *72985 *81444 *89818 *90104 *90121
biochemistry 1075 20473 20476 39242 48156 56963 73341 81548 81780 *29459

Item

Leaves--Cont.
color 570 13323 *64718
feed *3928 *25111
utilization 17685
Lebia *24719
Lebinthus 6842
Lecaniobius *6737
Lecanium 61065
Lecanium arion *77982
Lecanium corni *52483 *93983
Lecidea 89459
Lecithin 78815 79826 86633 95154
Ledesmodina n g *52404
Ledra aurita *93987
Ledum palustre 72369
Lee J 56008 64007
Leeches *32446
Leeches (disease) 59965
Leeks 2209 65902 *2270 *30467 *74644 *79523
Leersia hexandra *12811
Leeuwenia 61287
Leeward Islands Dept of Agriculture 89089
Legerella nova *77651
Legislation 10089 *80212
Australia 80147
bibliographies 27580 95768 *80241
British Colonies 94571
Germany *6649 *6688 *27459 *37383 *46269 *63127 *80216
Gt Brit 37277 37341 *71359
history *80241
Illinois 71420
Italy *10151 *37296 *46325
Oregon 55274
Switzerland *10008 *19048 *27419 *37337 *46257 *55230 *55231 *55262 *55298 *55313 *80221 *88357 *88364 *88407 *88423
Wisconsin 9995
Legousia hybrida *57950
Legs
cattle 42248 51251 59670 84392 *92502
dogs 76568 84511 84536
ducks 76843
horses 42474 84658 *5080 *76632
insects 85558 94092
poultry *42649
Legumes 13435 13963 13988 29532 48525 64939 74192 77396 90188 90346 90394 *13793 *21575 *47530
analysis and composition 26663 76183
anatomy and physiology 20264 20275 47896 48009 48076 *30796 *47922 *48010 *64804 *73178 *81452 *81545 *81716
bacteria 58135 *40505
biochemistry 1076 73316 *56798 *90179
breeding 64668 90348 *39483
California 12804
China 28586
culture 3096 20700 57178 83104 *39549 *40527
Florida 93610
Germany *48212 *65187
Italy *65190
Netherlands *12579
Oklahoma 73544
U S S R *20642 *20669 *20670 *20707 *21887 *29707 *29723 *48401 *48466 *48513 *57226 *57295 *57311 *57320 *58299 *66965 *73509 *73512 *82052 *82944 *90395 *90438
Wisconsin 73494

Item

Legumes--Cont.
diseases 38553 72620 *64571
effects on soils 2766 2802 2842 30851 30962 40508 40746 49713 49735 *3974 *21761 *40650 *40710 *40720 *49408 *58129 *82672 *82815 *82835
feed 15103 68297 76183 76759 84189 92539 *51943
fertilizers 49596 66309 *21721 *82913 *91296
U S S R *58231 *58272 *66393
genetics 56740 56753
Germany *45470
germination 95161 *29254
harvesting 17371 57241 *20716 *34907 *37229
inoculation 13808 40492 40503 40521 66193 74470 *2599 *21556 *21568 *66200 *66203 *66210 *91223
nitrogen fixation 13792 13984 30799 30800 40495 49454 64788 66213 74468 82735 90167 91233 *2599 *40515 *49458 *49467 *49459 *58304 *81716 *81717 *82728 *91219
nutritive value 80666 *1066 *12565 *28242
pests 6414 34482 93505 *77281
control 68677 *6017 *33860 *34248
Philippines 20729
planting 39485 48379 57306 90414 *48533
Alabama 73609
Australia 39572
Oklahoma 73547
U S S R *12773 *20637 *20713 *29697 *29766 *39501 *48450 *57296 *65070 *65143 *65158 *65205 *73178 *73557 *73575 *82001 *82016 *86243 *90441
pollination 1349 60694 93610 93691 94022
seeds 18732 27091 38896 45929 52956 54850 57282 *36877 *73091 *81559 *82011 *88023 *90330
certified *18737
cleaning *63075 *69270
drying *63075
feed *39549
Germany *54849 *73571 *73572
grading and standardization *36876 *63075
harvesting *65088 *73510
Mississippi 79898
Netherlands *18737 *39272
Southern States 12725
treatment 516 47512 95464 *72643
U S S R *9637 *29745 *39441 *48397 *54843 *73531
soils *13962
spraying and dusting 57241
storage *34248 *60586
Tropics 1423 73541
U S S R *36876 *39447 *39563 *40494 *40680 *47726 *48473 *49680 *57285 *73528 *74473 *82009 *83033 *91311
varieties 81947 92568
Germany *65149
India 39300
Ohio 29698
Pennsylvania 65079
Texas 39456
Washington 48198

Item

Legumes--Cont.
weed control 21384 74298 *65936
yields 40495 40637 *58876 *91296
Leguminoseae 80902 *126 *89287
anatomy and physiology 47746 89822
cytology *89841
germination 38906
Indochina *56961
Madagascar *56276
Paraguay *89349
Peru *80961
Lehman system 5771
Lehr- und Versuchsanstalt für Bienenzucht *6254
Lehr- und Versuchsanstalt für Viehhaltung Sophienhof Flensburg *4250
Leiella 77862
Leiomyoma *85247
Leishmaniasis
dogs 15574 *59827 *76527
hamsters 23711
man *68763 *85721
transmission *24862 *93888
Leleup L *85647
Leleup N *16577
Leleupidia *52403
Leleupiolus n g *24707
Lema 77676
Lema melanopa *24762 *68662
Lemanea australis 89852
Lemna 29260
Lemna minor 725 39060 81730
Lemna triscula 81750
Lemon juice *36156 *87518
Lemonia dumi *6802 *17113
Lemons 36094 36135
analysis and composition 36094
anatomy and physiology 29965 36094 39051 39180 39181 *884 *12279 *12446 *39172
California 45281 54194 54412
containers 36249
costs and returns
California 10374 10376 27708 37573—37575 46461 63562 95844
culture 65392
U S S R *1719 *12446 *20905 *48741 *57489 *90574 *90613
diseases 294 11632 28725 38657 47477 72700 *47565
California 12275
Italy *11724 *11976 *56489
U S S R *81249 *89571
forcing *90116
genetics
U S S R *89914
harvesting 78444
marketing 36243 45281
New Zealand 62458
packing 36243 54336 62573 70608 79463 95084
pests 61044
products 54194 54412
quality 29965
rootstocks 29965 39180 *73766
storage 8846 17163 70627 70628
transportation 45341
varieties 20878 39769 64411
vitamins *55938
Lenin V I *37255
Leningradskaîa Gosudarstvennaîa Selektsionnaîa Stantsiîa *57049

*Text of this reference is not in English.

Item

Leningradskii Botanicheskii Sad *20346
Leningradskii Institut Kholodil'noi i Molochnoi Promyshlennosti *25911 *25931
Kafedra Tekhnologii Moloka *26186
Lentils *29362 *47494 *49198 *81428 *90064
Lentinus lepideus 28831
Lenzites abietina *89576
Lenzites quercina *11828
Lenzites septaria 28831
Leon Hermano *80776
Leonia 11455
Leonil O *8478
Leont'ev I F *28315
Leontopodium alpinum *80943 *80962
Leopoldius signatus 77835
Lepidiota frenchii 16658 93738 93818
Lepidium *28552
Lepidium draba 30490
Lepidium latifolium 49295
Lepidium sativum *81618 *81630
Lepidium virginicum *47214
Lepidodexia *77868
Lepidopilum 56291
Lepidoptera 52743 61180 68917 68933 78098 78207 *52837 *61176 *61227 *68985 *86004 *86016
Africa 94125
Algeria *17004
Alpine Region *61182
anatomy and physiology 25041 43816 43843 86001 94107 *16956 *16991 *25049 *34598 *43813 *43852 *78122 *78130 *85971 *94072 *94082
Arabia 78208
Argentina *34602
as pests 24752 34583 68931
as predators 17015
Australia 78167
Austria *16941 *16963 *78099 *78174
Belgium *85973
Brazil *61256
British Guiana 6819
cocoons *78143
collecting and preserving 16968 43809 61153 78161 *16949 *25079
Alpine Region *61181
Canada 16982
Denmark 16980
Germany *78114
Gt Brit 34620 61157 61178 68919 68932 85998 86008
Ireland 52759
collections 60504 68914
Cuba *78199
Czechoslovakia *34618 *43789 *43802
Dahomey *68928 *68991
ecology 25055 61164 61192 *94135
eggs *61135 *94105
evolution 16989
Fiji Islands *43855
food and host plants 78118 85952
France *16955 *17040 *78090
Frisian Islands *17017
genetics 25028 61242
Germany *16993 *16997 *17094 *43864
Gt Brit 16950 17009 34630 43800 43815 52780 61164 61167 61192 61195 61255 68953 78068 78166 78197
Scotland 16974

Lepidoptera--Cont.
Greenland *52802
habits and behavior 25046 34572
Hungary *85956
hybridization *25047 *68915
identification *86019
illustrations 17048
Indonesia *96219
Ireland 52804 78175
Italy 6809 *78066
larvae 25024 78118
anatomy and physiology 25073 43127 43865 94092
Canada 6831
Malta 16979
Middle East 34644 78209
migration *17033 *68975
Germany *17104
Gt Brit 43803 78094
Mediterranean area 16977
Netherlands *16945 *94052
nomenclature 52831 61179 85949 85963 85977 85991 94086 94090 *78178
North America 68974
Norway 68963
parasites *68959 *85925
Poland *43743
pupae 43745
rearing and breeding 16994 17066 17107 52774 52801 61208 78210 *17113
Somaliland *6821
Spain *61147
taxonomy 16133 52769 94092 94107 94150
Togo *68928 *68991
U S S R *61212
Lepidosaphes beckii 52631 52633 68851 85874 *43655 *68842 *85863 *94001
parasites 61116
Lepidosaphes gloverii *68842
Lepidosaphes newsteadi 61054
Lepidosaphes ulmi 6656 *52619
Lepidotus 77654
Lepidozia pinnata *64250
Lepieszynska O *32372
Lepiota 72501 *47337 *81106
Lepiota brunnea *38543
Lepisma saccharina *52873
Lepisorus uchiyamae *173
Lepricornis *61256
Lepronota *52404
Leprosy. See Hansen's disease.
Leptinotarsa *68654
Leptinotarsa decemlineata *16585 *24779 *24782 *56990 *68666 *77780
anatomy and physiology *52455 *68694 *68696
Austria *93771
control *6416 *6439 *6467 *16522 *16574 *16602 *16608 *16634 *24773 *24776 *52474 *52890 *68691 *77792 *81290 *85635 *85696 *93752
Austria *52406 *68646
Germany *52464 *68632 *68674 *68698 *77793 *85608 *85628
Italy *16586 *34279 *68694
Yugoslavia *16607 *16632
Europe 24735 *6462
food and host plants *52495 *93777
France *34219 *85637
Germany *6449 *68648 *85653
Gt Brit 77796
rearing and breeding *16660
Switzerland 16571
Yugoslavia *16563 *16582 *16615 *17082

Item

Leptobium *52446
Leptochilus *52694
Leptocladia n g *47223
Leptoconops 6578 68787 85789
Leptoconops bezzii *93894
Leptoconops inopinatus *77854
Leptoconops kerteszi americanus 85767
Leptocoris 61095
Leptocoris trivittatus 6681 34465 34493 93999
Leptodesmus *34208 *68623
Leptodontium 72444
Leptogaster 34308
Leptolaena *113
Leptolegniella n g 81102
Leptomastix dactylopii 68812
Leptomeliola *242
Leptonecrosis 19892 *19902
Leptonetidae 6366
Leptophyes punctatissima 52848
Leptopius n n 77760
Leptops 77760
Leptospermum 74290
Leptosphaeria 64307 *28700 *47348 *72471 *72487 *72505
Sweden 89455
Leptosphaeria coniothyrium *81251 *89664
Leptospira 51180 84521 *4538 *22973 *23044 *32355
Leptospira canicola 51401
Leptospira icterohemorrhagiae *59311 *59840 *59995
Leptospira pomona 5798
Leptospiral jaundice *23381
Leptospirosis 59307 92252 92253 *4001 *4033 *4173 *23039 *75916 *83885
cats 67810 *84557
cattle 4671 15467 42116 51253 59667 59730 59747 76305 92602 92653 *4071 *4538 *4617
control 84428
diagnosis 32812 59748
Japan *4734
diagnosis *83880
dogs 15589 15609 59667 67810 84521 84550 *32921 *42354
Australia 67820
Belgium *76561
diagnosis 51369 *4921 *67835 *76572
Germany *4891 *4933 *23499 *51409 *92752
immunization *59840
Japan *4734
Germany *59316
guinea pigs *59995
horses *4071 *5052 *5094 *42469
immunization *59311
man 5798
rabbits *60294
swine 60461 77118 93247 *4071 *24291
Italy *33720
transmission *23044
Leptostomaceae 56290
Leptostomum 56290
Leptotaenia multifeda 11390
Leptothorax bradleyi 52738
Leptothorax (tricarinatus-texanus complex) 78046
Leptothorax wheeleri 52738
Leptotyphlus *77689
Leptus *93731
Leptus autumnalis. See Trombicula autumnalis.
Leptyphantes *6348 *52355 *28682
Leratia *85870
Lerton 43541
Leschenaultia

Item

Leskeellia 28635
Lesne P *56011
Lespedeza 39327 48554 73553 74854
anatomy and physiology 73204 81708
diseases 29041 72895
feed 59204 76235
oil 9499
varieties 1412 12821 29741 39547 48545 48570 73518 74846 81970
Lespedeza capitata 72918
Lespedeza cuneata 3013
Lesquerella 144 20162 81020
Lesser migratory grasshopper. See Melanoplus mexicanus mexicanus.
Lesser peach tree borer. See Synanthedon pictipes.
Lestes 94195
Lestes disjunctus 94210
Lestes forcipatus 94210
Lestes viridis *69047 *94211
Lesteva 43476
Lestica *43727
Lestodiplosis urticae 16728
Lestomerus *85871
Lethal factor *83695
poultry 15045 23903
Letters 28354 38292
Lettuce
anatomy and physiology 6821 29320 29321 39211 48001 64815
biochemistry 26473
breeding 13450 57817
California 62472 70514
contamination 16306 16868
culture 2280 2320 21323 30401 30405 40184 81644 *40186 *74194
Belgium 30447 *13444 *13508
France *82482
Netherlands *49208 *74176
diseases 545 557 20074 38689 38779 61061 72589 89668 *28879 *28918 *47470 *64479 *72632 *72837 *89704
Australia 12012
Belgium *81162
New Zealand 56601
feed 92553
fertilizers 91329
germination 81157 82493
Gt Brit 21330
marketing 62523 62545 87381 87382
nutritive value 79369
packing 62569 79461
pests 6693 16699 *81162
public relations 62520
seeds *40176 *40243
soils 2551 13868 58105 *40186
trade
Belgium 88983
varieties 2195 13450 20074 79369 *2224 *13456 *40187
Belgium *82479
Western States 54184
Leucaena glauca 5232 8393 8394 29192 *90367
Leucania *61160
Leucania favicolor 85945
Leucania l-album 61216
Leucania pallens 61216 78119 85945
Leucania putrescens 78074
Leucania vitellina 61216
Leucine 48080 56911
Leucocoprinus *72488 *89458

*Text of this reference is not in English.

Item

Leucocroton *56189
Leucocytes *67370
cattle *15456 *23322
horses *23615
poultry 76819
sheep 42954
swine *23322
Leucocytosis
rabbits 51763
Leucocytozoon andrewsi 15803
Leucocytozoon simondi 23917 92985
Leucocytozoon smithii 42637 93036
Leucoium 74058
Leucometers *53769
Leuconostoc 54320
Leuconostoc citrovorum 79033
Leuconostoc citrovorum factor 50883
Leuconostoc mesenteroides *88042
Leucophaea 34673
Leucophaea maderae 17133 78235 *43885
Leucophenga 60993
Leucopholis irrorata 68683
Leucoptera coffeella *34552 *34576
Leucoptera sinuella *78102
Leucotabanus 16682
Leuctra meridionalis *78251
Leucytozoon simondi 76790
Leukemia
cattle 84409 *51227
dogs 15575 42382 *42348 *51375 *84525 *92768
swine *24286
Leukosis 5292 15819 23758 23987 42652 51657 68047 76798 76807 76811 76849 84842 84870 *5381 *15840 *33332 *42696 *51617 *51652 *76803 *84899
Colombia *42687
control 51621 60182 68043 84858 *5349 *15812
immunity *33341
Indonesia *92989
resistance *5382
transmission *5382
treatment 76794
Venezuela *84906
virus 60165
Leuronychus *68622
Leveillula 38667
Leveillula taurica 81291
Levisticum officinale *68676
Levulose. See Fructose.
Lewisia tweedyi 82303
Lexias. See Raisins.
Ley farming. See Grassland farming.
L'govskaîa Opytno-Selekîsionnaîa Stantsiîa *40741
LHH-1 13590
Lhomme L Catalogue des Rhopalocères *16966
Liability insurance 9874
Liatris *13736
Liatris aspera 72918
Libellula semifasciata 17142
Libocedrus 14448
Libraries 20811 28032
Australia 27992
Austria *55658
classification *11177 *15233 *50946 *59419 *84005
Denmark *28003
Maryland 95986
New Zealand 27992
policies and programs 88819
services 10805 19372 46668 63765
Libythea 52843
Licania 11455 *58008
Licaria brittoniana 28508

Item

Lice 34721 61299 *6920
and disease 23001 85592
Apis mellifera *52297
cattle 5917 5923 17161 34721
dogs *61297
goats 6013
insecticide resistance 34692
livestock 68461 93434
man 17143 78257
poultry 17148 61290 61309 61321 69026 94191 *61289
sheep 6013 25134 25139
swine 5800 5801 43922 *25132 *25142
parasites *60764
Lichenes 19877 *241 *31640 *38405 *38535 *47350 *47946 *72590 *89439 *90021
Africa *11578
Algeria *89448
anatomy and physiology 90065 *64744
Argentina *3535
Belgium *64290
biochemistry 56978 *44 *90150
Denmark 28678
France *246 *56353
French Guinea *72463
Germany *28697
India *89461
injuries *89509
Ireland 11601 56350
Italy 89467
Ivory Coast *28662 *72463
Japan 11580 11581 47331 72466 *28664 *81079
Kansas 81096
Kentucky 28673
New York 72470
North Africa *89449
Philippines 56339
Portugal *28717
Pyrenees Region 11604
St Pierre and Miquelon Islands *89456
Sweden 11598
taxonomy *90150
Tunisia *89448
U S S R *56354 *56355
Licopine *12192
Licorice *40331 *69809
Licorice (plant). See Glycyrrhiza.
Life insurance 18905 88209 *88219
Ligaments *59970 *75841
Light
artificial
effects on cattle 4744
effects on insects *16998
effects on livestock *41928
effects on plants 874 898 962 39157 56922 64825 65796 73987 90743 *966 *1954 *12279 *12317 *12362 *12374 *12496 *20262 *20332 *39133 *39160 *47918 *56822 *57851 *61631 *70630 *90089 *90945
effects on poultry 15864 23900 60210 84935 *7319 *24062 *33418 *41928 *42743 *42812 *46466 *69484
effects on cattle 92385 *76471
effects on fibers 8557 *35936 *87282 *87283 *94952
effects on goats *42915
effects on insecticides *43268 *85460
effects on insects 24350 24768 60523 77178 85331 85731 *17135 *25051 *52205 *52838 *93695

Item

Light--Cont.
effects on livestock 986 50805
effects on plants 986 12441 12457 12462 12479 12505 20326 20331 20354 20424 29206 29319 29333 29353 29383 30249 30275 39013 39018 39110 39198 48113 56955 64761 72742 72834 73099 73201 73206 73288 73306 81585 81599 81602 81750 89931 89935 89937 90124 *712 *830 *832 *897 *942 *966 *12304 *12407 *12446 *20410 *29064 *29285 *30485 *31724 *39023 *39036 *39168 *47881 *47935 *48016 *48026 *48124 *56829 *56891 *56918 *56942 *64741 *64744 *65821 *73231 *81581 *81596 *81636 *81670 *81681 *81703 *81745 *89972 *90010 *90044 *90067 *90089
effects on poultry 5304 5484 15838 76873 *17451 *33413
effects on rubber *63071
effects on seeds 95325
effects on turkeys 24050
Lighting 3501 7401 7402 17524 25151 53354 56083 78674 86468 88205 *25556 *31935 *91866 *94480
See also Fluorescent light.
Lightning
effects on livestock 75884 *92999
effects on plants *81176
protection 61325 78309 78316 86099 86110 *25156 *43942 *69058 *69069 *78311 *86102
Lightwood 22581
Lignieria verrucosa *249
Lignin 3723 3777 3796 14995 41617 41631 50627 64892 *32068 *50615 *50621 *50628 *92143 *92145
chemistry 996 3787 3794 14994 22720 32151 32164 32173 45152 50611 54533 75691 79931 *3786 *14998 *15000 *15003 *29406 *41630 *83663 *83664 *92153
determination 22734 41620 *15006
extraction *14997
in feed 76320 *62311
in plants 41581 64876 83665 *3788 *81400
research 32157 32158 41619 59117 59119 67205 83670
utilization 22721 *75689 *75707
Ligularia *57639
Ligusticum *73619
Ligustrum ibolium 57664
Ligustrum vulgare *47569
Lilac. See Syringa vulgaris.
Lilaea subulata 72353
Liliaceae 38891 38902 *20468
Lilium 1956 1966 2054 21067 73970 74001 74020 74049 90834 *30317 *90845
anatomy and physiology 38928 39128 89949 *56865 *89866
breeding 1908 1980 2024 2035 73139 74057 74109
Canada 1969 74132
culture 2073 65760 73959 73969 74021 74031 74060 74076 74106 *90808 *90825

Item

Lilium--Cont.
cytology 686
diseases 454 476 560 967 12440 38647 48087 72605 72618
Italy *20047
Eastern States 74025
fertilizers 39128 66447
forcing 74059
germination 1984
Gt Brit 1967 2012
hybrids 686 2129 2133 48907 48926 74059 74105 74107 *1941 *73966
Illinois 1975 74026
Missouri 74083
New Hampshire 73948
New Jersey 1883 73915
New York 74019
Oregon 2113
Pacific Coast 72358 72378
pests 72605 78120
planting 1976 2034 2123
pollen 687
propagation 2077 57676
soils 21682 74585
Southern States 1923
Sweden *2141
varieties 1916 2001 2011 2130 2131 2149 2151 13189 74064 74098 74099 90812
Western States 74015
Lilium batemanniae 74097
Lilium candidum 65677 *12315 *64648 *89826 *90865
Lilium cernuum 74114
Lilium henryi 74054
Lilium humboldti 73933
Lilium longiflorum 40115 *1000 *13333 *57747 *82413
Lilium medeoloides 82444
Lilium michiganense 1981
Lilium regale 776 74065
Lilium rubellum 2101 74038
Lilium sherriffiae 56247
Lilium speciosum rubrum 842
Lilium vollmeri 178
Lilium wardi 13424
Lilliputia 11593
Lilyofthevalley. See Convallaria majalis.
Lima beans 31080 39048 57000 82535
freezing 8867 45460
hybrids 2319 49233 73063 73139
pests 16645 34615 60579
vitamins 39048
weed control 21376
Lima-bean pod borer. See Etiella zinckenella.
Limburgerhof Landwirtschaftliche Versuchsstation 38319
Limburgse Land- en Tuinbouwbond *10865 *10870
Lime
application *34861 *61441
in soil improvement 967 2592 2768 2812 2840 13977 13983 14011 21618 21649 21678 30903 31043 40403 40467 40476 49579 49605 58115 58162 58308 74549 74589 74634 74649 82810 82814 91303 91332 *2788 *2822 *2829 *2830 *2834 *3394 *13068 *13923 *13931 *13938 *13997 *20364 *21511 *21512 *21646 *21683 *21700 *21732 *21745 *21792 *30950 *30953 *31019 *31033 *31035 *40604 *40610 *40703 *40950 *49560 *50015 *58260 *58355 *58361 *66315 *66349

*Text of this reference is not in English.

Item

Lime--Cont.
in soil improvement--cont.
*66384 *74571 *74610 *74617
*74646 *74647 *74668 *86242
*91336 *91343 *91349 *91350
*91353 *91355
Algeria *82816
Austria *2813 *21756
*82796
Balearic Islands *2819
Belgium *21780
Fiji 91287
Florida 14008 74605
France *30988
Germany *2750 *13992
*21742 *21764 *49622 *74948
Gt Brit 21685 49609
*66436
Indonesia *66381
Italy *31007 *74635
Japan *30867
Louisiana 74579
Netherlands *2757
New Jersey 21740
New York 2807
New Zealand 58255
Norway *2761
Philippines 13954
Sweden 91213 *13926
*13948 *49658 *49769 *55346
*74606 *74659 *91317
Switzerland *13940
Texas 40735
U S S R *2779 *40682
*40725 *49464 *49664 *49771
*58272 *66393 *82849
Washington 40737
in sugar manufacture *45984
New Zealand 91532
Lime juice 45789
Lime oil 18615
Lime sulfur 38685 38770
*28837
Lime water. See Calcium hydroxide.
Limenitis camilla 43766
Limes 16866 23102 29191
48747
Limestone 14299 30782
30790 30897 46259 58559
58583 58584 58586 58588
66720
California 3139
feed 23220 51572 *60101
Illinois 31282
utilization *35120
West Virginia 23816
Wisconsin 58585
Limestone Valley Soil Conservation District 58518
Liming materials 17319
22051 30772 30981 74951
*14277 *40948 *40950 *66721
Fiji 91531
Illinois 30791 31286
Massachusetts 31262
Ohio 14275
Sweden 74950
Vermont 50029
Limnanthemum cristatum 38930
Limnea stagnalis 81443
Limnebius 6481 43412
Limnephilus 86089
Limnephilus rhombicus *17169
Limneria fuscicarpus *43738
Limnesia *34186
Limnocoris *34444
Limonin 36147 68719
Limnophila 68719
Limnophila viscida 47211
Limnophilus (Trichoptera). See Limnephilus.
Limnophora tonitrui *93897
Limnophyes *52554
Limnozetes *6363
Limonia 6505 16666

Item

Limonin 26479
Limonius californicus 16645
16646
Limosina 60942
Limulus 6392 34161
Lanaria *739 *58005
Linaria striata *29082
Linaria vulgaris 21337 49265
56678 *74389
Lincolnshire Beekeepers' Association 77446
Lindane 6050 33929 77262
*60578
analysis and composition *68414 *77305
application 85448
fly control 60937
livestock products pest control 34635
physiological action *16295
plant pest control 34225
68992 *5967
poultry pest control 61309
69039 94191
properties *77305
residues 8101 26540
36228 52536 *36413 *68401
toxicity 4872 51384 60633
Lindberg Expedition to Cyprus 52710 52725 52863
Lindbergiola n g 68808
Linden. See Tilia.
Linderina n g 28709 72440
Linen 35984 70377 79247
94917
Gt Brit 54092 79288
Netherlands 36024
Switzerland *26329
Linnaean Botanic Garden 19740
Linnaeus C. See Linné K von.
Linné K von 47047 80760
*19772 *38406 *72272 *72277
*72326
Linognathus *78296
Linognathus pedalis 61307
Linognathus vituli 17170
Linoleic acid 9436 36712
79832 *35684
Linovskii IA *28293
Linseed meal 15083
*23263 *51149 *84175
Linseed oil 18618 18659
70944 *45767
analysis and composition 9405 54750 *79805 *95341
chemistry 45757 95355
*70980
New Zealand 9405
oxidation 79803 *26940
properties *26940
processing 9428 70932
79806
Lint Cotton Opener 62342
Linum *23131
Linum corymbulosum *47301
Linyphia 16491
Linyphiidae *16482
Liobunum *24713
Liodora 78053
Liogenys *77718
Liogivenius n g *60834
Liomitopus n g *68622
Liophloeus tessulatus *68676
Liopilio n g *68622
Liorhinella elephas 43679
Liorhinella nigra 43679
Liothrips oleae *17183 *43906
Liotrephus *6736
Liparis hawaiiensis 82476
Lipase 39252 62079 73338
in dairy products 7977
17878 53773 79032
in grain 45558 87601
in grain products *9087
in milk 35683 *69998

Item

Lipase--Cont.
in molds 36743
in oilseeds 18653 18654
36744 45802 90175
Lipeurus 6910
Lipides 8405 90157 *28185
*39233
in animal physiology 76420
*67418
in blood 41792 76315
in cattle nutrition 76315
in fruit 45315 54226
in human nutrition *28225
Lipoids *4019 *53551
Lipoma 32778 42217 76355
Lipomatosis 84287
Liponyssus. See Liponissus.
Liponissus bacoti 4860
24692 34204 43402 85570
*34191
Liponissus meprai *34187
Liposcelis divergens 94187
Liposcelis divinatorius 43903
Lipovitellin 78826
Lipoxydases *36402
Lippia carviodora 49350
Liquefied petroleum gas 7220
7261 17196 25414 25462
25564 34737 34993 35175
53111 61535 69317 69336
69364 78688 86332 86492
88102
Liqueurs *7741 *61922 *79487
manufacture *69841 *69842
*69843
Liquidambar 15001
Liquidambar styraciflua 14496
72583
Liriodendron tulipifera 3294
3317 3325 22231 22316
22445 50287 73290 *3317
wood 22751 32193
Liriomyza 60919 *43529
Liriomyza citrulli *60968
Liriomyza hawaiiensis 77873
Liriomyza langei 85747
Liriomyza scorzonerae *34373
Liriomyza urophorina *52550
Liris *52691
Lisarda *85871
Lisianthus browallioides 11463
Lispocephala *34371 *93863
Lispocephala serena 34314
Lissodema 77677
Lissorhoptrus *77735
Lissothus occidentalis *93727
List F *45971
Listeria monocytogenes *4174
*15159 *15477
Listeriosis *4174 *15159
cattle 23279 42111
goats 68244
sheep 16016 *51852
Listroderes *43457
Listroderes costirostris 24761
Listroderes costirostris obliquus 77665
Listroderes obliquus 85666
Listronotus 6504
Listrophorus 6370
Lithemis 17152
Lithium 29193 81443 *64873
Lithium carbonate *47595
*72786
Lithobiida 60758
Lithobius piceus *85598
Lithocarpus *47225 *56199
Lithocolletis *85932
Lithodraba n g *89282
Lithophane lapidea 43757
78071
Lithops *123 *30341 *72382
*81023 *89283
Lithops julii *57643
Lithops kubisensis *64171
Lithops triebneri *72374

Item

Lithosiidae *34610 *52839
*78130
Lithospermum officinale *81449
Lithospermum ruderale 56975
*64905
Litomastix *6736
Little cherry 577 47664
Little leaf
coconuts *337 *19935
grapes 29234
Pinus echinata 20088 28857
72646
Pinus taeda 28857
Liubarskii I V *38205
Liublinskaia Meditsinskaia Akademiia
Institut Vrachebnoi Okhrany Truda v Derevne *88804
Live oak. See Quercus virginiana.
Liver *4019
cattle 51274 59669 84239
84417 92608 *59676 *92647
dogs 4863 4909 51393
goats 60349
horses *42470 *76663
pigeons *5302
poultry 15795 33334 76755
76830 *60119
quail 42665
rabbits 24105 *5591
sheep 51833
swine 33717 *5814 *85256
Liver extract 24235
Liver fluke 16013 42958
68248 84417 *22972 *75894
*75898 *83892 *92354
cattle 42189 51204 51255
*5694 *23382 *32708 *92625
Hungary *15192
in rabbits *33504
in sheep 16003 33589
42189 68262 76984 85099
85105 85113 85114 *5659
*5694 *60370
Australia 5664
Liver L 23793 23819
Liver meat *36664
Liverpool Cotton Exchange 8599
Liverworts. See Hepaticae.
Livestock 4223 23046
23050 58194 *4150 *4244
*4252 *15233 *23064 *32437
*32447 *40591 *50946 *59407
*59419 *75985 *84005
abnormalities 4109 15045
50670 75876 83831 *22998
*83707
accounting 27696 *10367
*27689 *36489 *36683 *46455
adaptation 67332 84001
84002 84015 *41919 *92249
Switzerland *92365
age *4202 *15215
Algeria *41927 *83994
anatomy and physiology 4054
4222 22936 41828 59279
75833 83841 *3984 *4124
*4170 *4221 *15189 *15190
*22889 *22893 *22927 *22938
*22950 *32435 *41833 *41837
*50808 *50959 *59317 *67381
*75918 *75932 *83710 *83882
*92260 *92306 *92330
and disease 4018 41878
41908 51253 54084 76316
*4116
Africa 83832
Italy *50913
Yugoslavia *59303
associations 23506 70799
*18488 *18498 *45643
Australia 23051 50944
bacteria 67375
Belgian Congo *15237 *55522
*63618

*Text of this reference is not in English.

Livestock--Cont. Item

bibliographies 75812 *67328
bites *59300
Bolivia *15225 *15240
Brazil *59273
breeding 1588 3826
3833 3836 15041 15044
15052 15096 22774—22776
32200 32204 32207 32208
32317 41660 41663 41665
41671 41931 50666 50667
50669 50673 59153 67228
67229 67238 67241 67275
75725 75726 83691 83702
83705 83706 83712 83713
83715 83898 84015 *3817
*3818 *3821 *3824 *3825
*3827 *3829 *15155 *20571
*22759 *22771 *22772 *41653
*41654 *41658 *41662 *41667
*41668 *50661 *50665 *50674
*59152 *59157 *67231 *67239
*67240 *75727 *75823 *75932
*83693 *83696 *83703 *83704
*83707 *83721 *92174
Africa 32201
Austria *67230 *67237
*75736
Belgian Congo *15040
Brazil *59149
Canada 59156
Colombia *50662
conferences and congresses
41661 *3841 *67236
Denmark *41670
effects of feeding 83746
*15074 *50783 *59205
France *59428
French West Africa *32457
Germany *3831 *3837
*3839 *15042 *15049 *22761
*32213 *32429 *41659 *50679
*59148 *67226 *67232 *67240
*67244 *67245 *83692 *83698
Russian Zone *41666
*83711 *83719
Gt Brit 3819 15048
83720 83998
hybridization 3833 83722
*3824 *41669 *59161 *83721
*83723 *89907 *92172 *92177
inbreeding 15054 50677
59159 *83716
India 75732
Iran *83690
Israel *92171
Italy *3822
linebreeding 50676
*75737
Netherlands *22766
New Zealand 22773
research 50681 92175
*22997 *41652
Sweden *15043
Turkey *67226
U S S R 75735
*50658 *50663 *59154
Yugoslavia *59160 *83717
*83718 *92176 *92178
breeds 26877 41655 67235
British Guiana 82022
Cameroun *75974
care 15247 23047 23060
32207 32462 41888 50949
59416 59424 59433 83705
84011 84021 84023 *3977
*4224 *15158 *23052 *32394
*32445 *32451 *59292 *59422
*59430 *67444 *67450 *83771
*92378
Argentina 83990
California 41762
Canada 67438 *41925
Germany *4743 *83730
Israel *4246
seasonal *4238 *23062
U S S R *32458 *51509
*75980 *83749 *84018

Livestock--Cont. Item

care--cont.
Switzerland *41921
Trinidad and Tobago 50954
U S S R *23055 *23058
*23069 *32440 *32463 *32474
*50959 *59425 *67434 *67458
*84014
Ceylon 30878 88683
Colombia *84000
color 15218
compulsory deliveries *26838
*62828
conferences and congresses
41926 67435 75877 75878
*50851
Costa Rica *18501
Denmark *92371
French West Africa *32444
international *92379
Italy *18493
Netherlands *75731 *87731
North Carolina 45619
U S S R *75990 *83988
*83989
contests 36533 *83992
cooperatives 18545 45665
45668 54619 70829 70830
*37103 *83717
Austria *54635 *95285
Canada 18544
Germany *36576
Midwestern States 45670
Spain *26833
costs and returns 26304
37612 46503 62889 88570
*46498 *95867
Belgium *10400
Germany *10392
Gt Brit 80346
Illinois 37606
Minnesota 71643
Sweden *27728
credit 18878 27275 55025
80039 *18862
Colombia *27278
Mexico *63241
Mississippi 71251
Cuba *50941
Denmark *50942 *84016
dictionaries 41886 *22950
dipping 6356 85542
directories 9244 26774
71606
diseases 4069 4074
4094 4216 15168 32430
41822 41825 41886 41895
48439 50826 59279 67332
75880 75949 83906 83964
83980 *4097 *4108 *4116
*4214 *11683 *15155 *15158
*15182 *22884 *32350 *32401
*49485 *59292 *59366 *75905
*92256 *92333
Alabama 67352
Argentina 83815
Australia 23001 50875
Azores *9172
causes *50816
control 15152 22947
32316 59280 75849 83817
83834 83865 83874 83894
83922 83963 83967 *59324
*67402
Argentina 83816
Australia 4069 22940
Canada 75827
Colorado 50876
Europe 67390
French colonies *59334
Germany *4041 *4200
*92322
Italy *59405 *83949
Norway *59376
Oregon 50931
Switzerland *3983 *75869
Union of South Africa
59302

Livestock--Cont. Item

diseases--cont.
diagnosis 67377 83842
92316 *3988 *4003 *4180
*23009 *32402 *50818 *50881
*59298 *75904 *83969
Dominican Republic *92342
Europe 32307
French West Africa *32367
*59320
Germany *32400 *41773
*67403 *75872
Gt Brit 41796 67419
83758 83946
Iceland *22907 *32384
immunization 4094
*50830 *50906 *67341 *75907
Japan 92296
Kenya 32346
Montana 50869 83978
Morocco *75921
Netherlands *4065 *75912
prevention 4018 67398
83870 *32367 *50920
research 4087 22897
32243 59400 *92335
resistance *75823
statistics 92296 *67386
Sweden *32415
transmission 4217 22890
83823 83891 93386 *4116
*22955 *32349 *32384 *41773
*50829 *59300 *92363
treatment 4197 32326
41858 59277 67327 *59290
U S S R *22975
U S S R *4126 *32321
*32409 *83827
Venezuela *83856
draft *7223 *32461 *35182
*61547 *92171
ecology 50696 67430
Ecuador *15226
equipment 25257 *34796
*34809 *61403 *78396
estrus 41868 *50921
farms and ranches 36505
40566 41916 63511 71287
71745 84017 *37559
Argentina 55370
British Guiana 80266
California 37488 55598
Colombia *71536
equipment *34766
U S S R *7037 *34756
*34765 *34778 *34795 *43970
*43999 *52943 *52964 *52969
*52985 *52995 *61395 *61398
*61673
Germany *46421
Great Plains 27685
Ireland 88508
Kentucky 71582 88573
management 15242 41735
41931 50955 55399 67443
75986 84464 *10331
Arizona 88517
Fiji 92372
France *10267
Gt Brit 46390 63501
Minnesota 71643
U S S R *9964 *50718
*71605
Montana 88516
Nebraska 10336
Texas 41936 88382
88474
U S S R *4239 *10330
*22809 *23058 *23059 *23069
*25229 *25230 *25237 *26798
*27385 *32443 *32453 *32454
*32458 *32467 *32474 *32475
*34735 *36523 *36526 *37494
*75980 *84018
Western States 63473
feed relationships 3870
7421 41688 41718 45614

Livestock--Cont. Item

feed relationships--cont.
46247 46503 50726 59167
70783 82063 83770 83789
92198 *3882 *18575 *18649
*22810 *41741 *41742 *41749
*42925 *50683 *50756 *54030
*54036 *54038 *67248 *67293
feeding and nutrition 3853
3854 3855 3866 3871
3872 3936 3948 3978
4966 15058—15060 15063
15070—15072 15083 15084
15096 15100 15101 15126
22797 22802 22817 22819
22820 22832 22835 22843
22850 22852 22859 22872
22877 32207 32215 32219
32222 32243 32244 32256
32257 32274 32283 41677
41681 41690 41691 41697
41700—41702 41705 41707
41711 41725 41735 41738
41744 41756 41762 48075
49477 50693 50704 50711
50725 50728 50746 50751
50752 50761 50800 50857
59169 59197 59212 59220
59235 59240 59246 59248
67270 67277 67278 67283
67291 67292 67306 75756
75787 75908 83742 83761
83774 83783 83786 83806
87135 92182 92187 92191
92214 92234 92237 92239
92273 *3881 *3891 *3899
*3908 *3916 *3931 *3942
*3952 *3957 *3964 *4080
*15074 *15076 *15079 *15093
*15128 *15146 *20711 *22795
*22806 *22834 *22842 *22849
*22851 *22853 *22862 *22863
*22867 *22875 *32217 *32228
*32253 *32254 *32258 *32263
*32264 *32273 *32278 *41674
*41680 *41703 *41717 *41729
*41751 *41752 *45084 *50716
*50758 *50763 *50766 *50769
*50783 *50787 *50788 *50791
*50797 *50852 *50860 *59162
*59179 *59181 *59186 *59205
*59215 *59230 *59237 *59247
*59412 *67247 *67249 *67256
*67258 *67311 *67314 *67321
*75749 *75803 *81534 *83709
*83724 *83731 *83740 *83743
*83745 *83771 *83780 *83804
*83810 *83970 *88996 *92188
*92190 *92209 *92213 *92217
*92232 *92235
Argentina 3904 83727
*41731
Austria *54025 *92231
Belgium *3960 *10400
*22848
Brazil *3919
Canada 18608
conferences and congresses
3860 22784 22856 41766
50798
deficiencies 3888 29404
41755 50705 50708 50764
50768 50793 83750 83797
*30813 *59172 *59205 *83852
*92278
France *3862 *3907
*32297 *59206 *59216 *59231
Germany *3851 *3918
*3920 *22804 *22805 *32237
*32255 *32282 *41715 *41748
*46477 *50683 *50690 *50694
*50695 *50762 *59267 *75745
*83809 *92199 *92201
Russian Zone *83730
*83744 *92183
Gt Brit 83739
Guatemala *3947 *41758

*Text of this reference is not in English.

Item

Livestock--Cont.
feeding and nutrition--cont.
Italy *59211 *67261 *75810
Kansas 75771
Malaya 3951
pasture and range 12782
12832 12842 13862 15099
15356 22790 32232 41696
41739 41745 48557 50696
50703 57206 57347 59228
59299 59583 59590 65170
65214 67297 73627 75045
83732 83764 83784 *41682
*41742 *59344 *67320 *75804
*83802 *92208
Arizona 82031
Canada 82024
Italy *90320
Japan *3921 *92555
Norway *67305
Southern States 84186
Union of South Africa 92204
U S S R *22801 *32463
*41708 *48496 *50691 *57251
*59209 *59249 *75784
Uruguay *1305
Peru *59221
research 15098 22870
32227 41704 41716 59200
67298 *15087
U S S R *22827 *59175
*59251
seasonal 3892 3897
15062 15078 22825 59195
67308 83785 *3877 *50687
*83744
Florida 50707
Germany *41710 *50741
*50778
Iceland *22878
U S S R *50756 *83749
study and teaching 3861
*92240
Sweden 83750 *3949
*30820
Union of South Africa 59420
83923
U S S R *3843 *22809
*22828 *32238 *32240 *32423
*50759 *50760 *59168 *59180
*59183 *59223 *59227 *59236
*67319 *75786 *75809 *83773
*83799
Yugoslavia 83803
fertility 41781 83697
*22778 *50660 *50923 *83709
Fiji 92370 92377
France *32456
French Equatorial Africa *83859
French West Africa *32457
*92302
genetics 3828 15036
15045 15046 15113 22764
32200 50670 50673 50677
59156 59400 67238 83697
83831 *5004 *15037 *15053
*15155 *22757 *22762 *22768
*22998 *32210 *41654 *41664
*41672 *50672 *50680 *67233
*75731 *83695 *83707 *92170
*92177
U S S R *24135 *83710
Germany *54030 *87785
grading and standardization 18552 36602 70833
Gt Brit 37530 75993 80267
*15230 *53586
growth 15066 75975
*4134 *15221
habits and behavior 50948
59433 *23052 *23068 *41804
*59330 *59422 *67436 *75987
*84007
history 9219 9243
*15228 *67449

Item

Livestock--Cont.
history--cont.
Brazil *92364
Germany *4743 *86396
Spain *15228 *67431 *67439
*67440 *67446 *67453
Switzerland *79666
housing *53261 *61601
Germany *23062 *25482
*53236
sanitation *25372 *25382
*25389 *32436 *44280 *86414
U S S R *35060 *35067
*35074 *35075 *35083 *35087
*35089 *44253 *44279 *53279
*61571 *61575 *61580 *61581
*61589 *61599 *61610 *61632
*69377 *69408 *94421 *94430
*94436
Iceland *4226
identification 9287 75979
84439 *75973 *75984
indemnities 41903
*36620 *87742 *87743
India 4227 75831
industry 11060 19542
45660 63285 63904 80456
*9229 *18494 *29615 *36497
Alabama 26810
Australia *26802
Austria *26791
Azores *9172
Balearic Islands *87720
Belgian Congo *54559
Canada 15231 36501
75970 79658
Chile *9197
Colombia *26808
Denmark *9178 *9205
*36507
Finland *45604
France *9171
French West Africa *36524
Germany *9178 *48502
*95237 *95238
Gt Brit 83998
Greece *88215
Gulf Coast States 22790
Italy *9171 *55505 *80404
*84020
Louisiana 45624
Mexico *62779
New Zealand *26802
Norway *9206 *36510
Southern States 36520
Spain *9192 *79670
*87715 *87730
Sweden *4741
Switzerland *9171 *79666
Tunisia *32884
U S S R *62775 *87737
*87745
Uruguay *26802
Western States 54577
injuries 15247 32948
36582 41822 *23016 *59308
Kenya 4204
Morocco *32446
Italy *10307 *50935 *50940
*59432 *84022
Japan *92380
judging 32459 59427 92383
labor 1372 *71347
Australia 23051
Germany *9960
U S S R *4233 *9964
*23069 *27385 *32455 *37221
lactation 67275 75962
*4086 *22889 *75939 *83782
legal aspects 71202 75968
*26815 *87742 *87743
legislation 83963
Austria *4253 *75736
Brazil *75973
Denmark *32448
Germany *32445 *83698
Italy *87765

Item

Livestock--Cont.
legislation--cont.
Netherlands *23297
Oregon 50931
U S S R *59414
litter 74680 *41934
losses 15705 75884
*31133
Madagascar *26786 *41918
Majorca *55148
marketing 9280 9287
15247 18548 25655 26857
36572 36574 36582 36583
36600—36602 44675 45658
45660 45667 45686 54637
54638 70830 70833 70840
70847 79701 79709 95268
*94550
Alabama 62832
Argentina *18546
California 18547 79716
79717
Canada 18538 45664
87763
Georgia 79706
Germany *70842
Gt Brit 62833
Iowa 45677
Italy *87765
Kansas 95273
legal aspects
Austria *9275 *9278
France *9265
Germany *9269
Switzerland *26836 *79705
Nebraska 9262 45681
*9271
New Mexico 36585
North Carolina 62829
62830
Oregon 45672 79710
South Dakota 45678
Southern States 79701
Texas 87766
Union of South Africa 9289
Virginia 62831 79715
Washington 9277
West Virginia 36578
Western States 36592
45680 70821
Wyoming 87769
meat production 15099
75975 *41933 *59358 *75981
*92179
effect of feeding 15057
32223 67265 *22783 *50701
*59174 *59236 *67313
Spain *22783
metabolism 41848 50886
54603 *15187 *22951 *22999
*32353 *41741 *41853 *50838
*67418 *75960 *83970
Morocco 92375 *83991
mortality 83847 83964
*4029 *50953 *75861 *83899
Australia 22940
U S S R *4195
mountain areas 75787
multiple births 32320
*75948
Netherlands *32466 *92367
New Zealand 50957
North Africa 4236 *37263
Norway 32452
parasites 4036 4112
22910 32366 50811 50815
50899 59315 59341 83851
83900 83953 *4026 *22990
*23043 *32328 *32329 *32368
*75835 *83909
Australia 67335 85591
control 4022 4201
22929 23020 *23021
Georgia 41794
Germany *50907
Jamaica 15176
Mauritius 59314

Item

Livestock--Cont.
parasites--cont.
Peru *67331
transmission 41898 93500
U S S R *4098
Uruguay *4009
Venezuela *15220
pedigrees 15050 *32210
*67442
pests 22910 33876
50811 83906 83953 85378
93363 93472 93830 93844
*32350 *60594 *77203 *77857
*85347
Argentina 83815
Australia 68461 85591
control 5975 43223
52104 52113 60902 68419
77206 77270 85366 85411
93359 93407 93432 93434
93470 93848 *15223 *43243
*67406 *77208 *77258 *77273
*85394
Germany *85432
Nicaragua *43490
U S S R *24393—*24395
*93455
Peru *67331
poisoning 4037 4099
30521 32347 40258 40290
50833 50900 52179 59369
65997 67246 75900 75908
75915 87143 91010 92273
92315 92327 93541 *4057
*4157 *4207 *6044 *11683
*15143 *22993 *41811 *41869
*50835 *59363 *59372 *65985
*67413 *67425 *68734 *75919
*92356 *92360 *92361
Netherlands *92246
New Zealand 50832
Texas 75955
policies and programs 1347
1375 9185 45632 79668
Argentina *63399
Belgian Congo *87721
Canada 9240
Czechoslovakia *18507
El Salvador *9184
France *27475 *54580
*62767
Germany
Russian Zone *54562
*87739
India 71201
Italy *87712
Madagascar *26803
Mexico *45629
North Carolina 62806
Oregon 95245
Puerto Rico *95255
Southwestern States 55399
Spain *9217
U S S R *4177 *23059
*26784 *26798 *36198 *36480
*36490—*36492 *36499 *36508
*36512 *36513 *36523 *36526
*36527 *36530 *36547 *45612
*45634 *45644 *54564 *54569
*54576 *54579 *58415 *62795
*62810 *63428 *63477 *70777
*70787 *70793 *79651 *79657
*79676 *87705 *87717 *87744
Latvia *26799
Ukraine *45107
Uruguay *87703
predators 15235 41930
59408 84008 92373
Belgian Congo 4231
Spain *41915
Union of South Africa *32471
pregnancy *4052 *15180
*41871 *41879 *50902 *75895
diagnosis 75935 92337
*50825
prices 54653 79730 79733
*45705

*Text of this reference is not in English.

Item

Livestock--Cont.
prices--cont.
Austria *36629
control 9322 26860
26871 45707 54654 62853
Cuba *70867
products 9214 18516
26772 35238 62823 80664
92712 *18495 *42600 *87706
Argentina *70800
Brazil *41920 *83996
Canada 62824
Europe 9188
marketing 36601 *79708
New Zealand 26842
processing 87794 *18495
*36646 *44560
regulation and inspection
36617 87774 88986 *9311
*18555
Southern Rhodesia 17693
Sweden *45645
Uruguay *26853
utilization 36561 *18495
purchasing 54610 *75895
quality 26857 45667
records and testing 3828
22764 83715 *22759
Canada 41655
Germany
Russian Zone *83719
regulation and inspection
9308 54650 83962 87774
Australia 4069
Canada 79724
Georgia 62847
Gt Brit 67419 83946
Montana 36603
New York 70856
New Zealand 83823
Texas 45699
U S S R *32311
research 23067 32320
41922 70804 *28290
Australia 50875
Canada 59426 67438
Denmark 75965 *92368
Georgia 75978
Germany *4250
Italy *84012
Norway *15239
Union of South Africa 59420
respiration 41891 50890
restraint 4113 59424
sanitation 41923 *4035
*4142 *15158 *15223 *50930
*53261 *61400 *92208
Gold Coast 83860
Mississippi 59350
Montana 50869
Netherlands *4065
U S S R *22880 *22933
*22982 *22987 *23061 *34817
*59362 *92293
selection 15229
*41653 *41664 *41669 *50657
*59154 *92172 *92179
U S S R *75724
shows 4240 23065 41932
75982 75994 83999 *4235
Argentina *4232 *70800
Austria *23048 *23049
Brazil *15244 *22849
*23057 *27951 *32439 *41920
*83996
California 67437 70778
Chile *67442
Cuba *15241
Denmark *4243
France *32449 *59409
*59428 *67432 *67456
Germany *4241 *4247
*15227 *15248 *23054
Russian Zone *84004
*84013
Gt Brit 23053 32468
*4234

Item

Livestock--Cont.
shows--cont.
Italy *50939
Kansas 50937
North Africa *75972
Switzerland *92384
Texas 15222
Trinidad 50938
Union of South Africa *4234
U S S R *84006
situation and outlook 9202
9203 15236 18508 18522
26279 26773 26778 26782
26795 26801 36479 36482
36487 45089 45633 45636
45641 45648 62292 62798
62799 70308 70789 79679
87735 *18495 *45603
Argentina 26705
Austria *9195 *18518
*54634
Brazil *54553 *95219
Bulgaria *54592
Colombia *18512
El Salvador *9184
Europe 9188 *87719
France *70828
French Equatorial Africa
*87725
Germany *3831 *54578
*70805 *79662 *87821 *95286
Gt Brit 9239
Guatemala *26793
Haiti *87874
Italy *10484 *37406 *62468
*87727
Louisiana 18491
Madagascar *26806
New Zealand 15238 70795
*18518
Oregon 95245
Pacific Coast States 45607
Peru *18489
Philippines 54575
Poland *23063
Puerto Rico *70807 *87740
Southeastern States 62805
Southern States 79672
Spain *9230 *9234 *26780
*45608
Spanish Morocco *50936
U S S R *36509 *36805
Uruguay *18518
Western States 45647
54577 54590
Spain *36474 *50960 *67441
spraying and dusting 6356
25400 77206
statistics 9374 18607
36596 44641 45740 45741
45745 45746 54684 62889
62890 87771 87815
Australia 25766 69754
Austria *45738 *54683
Belgian Congo *26912
Belgium *87536
Canada 18608 44629
54681 54682 87820
Connecticut 44618
Denmark *45739 *79764
Dominican Republic *26875
Germany *26913 *45748
*70895 *70901 *87821
India 7666 95317
Indiana 87818
Italy *70898
Kansas 17697 25754
53591
Montana 45742
New Zealand 9379
Pakistan 26915
Pennsylvania 25760
Philippines 18603
Serbia *45734
Southern Rhodesia 17693
70899
Switzerland *9380

Item

Livestock--Cont.
statistics--cont.
U S S R *70894
Uruguay *87816
Venezuela *36679
Virginia 17705
sterility 41656
*22777 *50675 *50920 *83701
U S S R *22763
study and teaching 15232
*67448
Belgium *75966
Gt Brit 32473
Italy *76451
Norway *59418
U S S R *32443 *32454
*37221 *59410
surgery *22886 *92243
Sweden *7675 *32450 *46392
*67459
Switzerland *4251
taxation 18914 27330
27331 27333 27334 27335
27345 27346 88247 88249
Cuba *71282
New Zealand 71279
terminology *19011
trade 10952 87774
Canada 10952
Colombia *80638
Cuba *67392
France *10955
transhumance *84020
transportation 9287 26832
36570 41822 54639 *50691
by air 59416
by railroad 36593 36594
*62836
by water 9290
sanitation *62836
Tropics 50950
*15226 *41919
Tunisia *67451 *75977
*84009 *92374
Turkey *71402
types 59417 67235
*15189 *50956 *59411 *92179
Puerto Rico *4242
Union of South Africa 40580
U S S R *4245 *59415
*67433 *75976 *92369
Turkmenian SSR *23045
Utah 73641
waste 26772 31312 62825
feed 15127 32296 59253
*3946 *5649 *32270 *33229
*51579 *58600 *59181 *62303
*76593 *76758 *92782
U S S R *26892 *36562
watering 3850 92193
*3950 *7409 *67296 *83759
*92220
Belgium *92205
equipment 7040 17284
*53000
Florida 3873
French West Africa *31129
Italy *67281
U S S R *25578 *35193
weight and measurement
50800 *32240 *59236
West Africa 50951
Western States 20665
wounds
treatment 67334 92339
*22886 *32363 *32372 *43089
*67338 *67371
Yugoslavia *15234
See also Anesthesia; Artificial insemination; Blood; Castration; Dystocia; Embryos; Embryotomy; Immunization; Livestock insurance; Obstetrics; Ruminants; Semen; Slaughtering; Spaying; Veterinary medicine; names of animals,

Item

Livestock--Cont.
See also--cont.
anatomical parts, diseases, parasites, predators, and products; and under 4-H Clubs; Future Farmers of America; Photography; Poisonous plants; Sex; Sex behavior.
Livestock and the Land Institute 27611
Livestock Conservation 41767
41864
Livestock insurance 63280
*4195 *27310 *27318 *45689
Livestock Rearing Act (Gt Brit) 17443 55569
Livestock Research Station Hosur 51037
Living conditions. See Cost and standard of living.
Livistona mauritiana 11820
Lixomimus n g *68715
Lixophaga diatraeae *17072
*17073 *43861 *86002
Lixus elongatus *77751
Lixus iridis *60820
Llama *59413
Llano Cooperative Colony
Newllano La 37956
Loading equipment 61386
78334 78335 78449 *86147
See also names of equipment; and under specific subjects.
Loam 74579 74740 *21752
*58476
Lobacantha 85699
Lobatopezus n g *85673
Lobelia *29218
Lobivia *65525
Loblolly pine. See Pinus taeda.
Loboberea n g *6420
Lobocystis n g 72461
Lobopyge n g *24672
Lobsters 9730
Loch Ard Forest 41098
Locker plants 17669 44557
44589 78819 87786
Colorado 17674
cooperatives 18698 25657
*86672
Norway *7617
Denmark 61840
Illinois 53578
industry 7620 7630 18562
78823
Kansas 53563
management 7596 44610
61876 87810
sanitation 25735
services 7616 7632
44606 69603 78840
Texas 69719
See also Freezing of food; Home freezers; Refrigeration.
Locoweed 30510 30526 65997
Locusta 52864
Locusta migratoria 34671
43872 94154 *6853 *25110
*34660 *34661 *52849
Madagascar *94176
Locusta migratoria danica *94155
Locusta migratoria gallica *61270
Locusta migratoria manilensis 34668
Locusta migratoria migratorioides 6880 17122 34509 61263
Lodgepole needle miner. See Recurvaria milleri.
Lodgepole pine. See Pinus contorta latifolia.
Lodging 89972 *81727 *90046
corn 12367
Denmark *73266
grain *29340 *34877 *34895

*Text of this reference is not in English.

Item

Lodging--Cont.
rice 39130
wheat 318 *56686
Lodi Stazione Sperimentale di Praticoltura 12783
Loess soils 66225
Austria *58175
bibliographies 30827
Czechoslovakia *58175
Iowa 30828 40556
U S S R *91256
Yugoslavia *13835
Log scaling. See Logs, measurement.
Logan G 28322
Logan J W *33140
Loganberries 90678
Logging 12097 14750 22505 31789 74891 75404 83492 *75428
arches 22479
Australia 3575
bibliographies 31869
camps
Canada 22481 41358
Canada 22242 75405
British Columbia *41347
costs and returns 41357 83497
Sierra Leone 3558
Texas 41333
U S S R *58923
damage 14638 31913 58872 75424 75439 *31912
Pacific Northwest 3578
U S S R *31908
Western States 75433
equipment 3565 14744 22479 22480 22500 *3569 *3571 *14755 *22459 *22465
Canada *50429
Europe 58900
Finland *14739 *67001 *67004 *67029
Southern States 75432
U S S R *22456 *22509 *31889 *41315 *41317 *41320 *41336 *91964
West Virginia 91971
France *31580
Germany
Russian Zone *3582 *83503 *91946
Gt Brit 67199
history
Wisconsin 50436
Idaho 31893 41205
Japan *50435
labor 58898 75426 *22447 *91954
Canada 31855
Finland *31864 *31866 *67031
Germany *31861 *50416
Norway *14749
Sweden *75437
Switzerland *67048 *67050
U S S R *41352 *58916 *58920
New York 83502
Norway *14753 *22507
Pacific Coast 3573 31906
Philippines 83501
policies and programs
U S S R *41303
salvage 3574 14392 14746 14747
Canada
Ontario 58842
New York 22375
Pacific Northwest 67049
U S S R *31872 *31889
Vermont 83489
Washington 75435
study and teaching
Finland *67031
Norway *50438 *58640
Pacific Northwest 31375
Sweden *67046
U S S R *22129 *67051

Item

Logging--Cont.
Sweden *3576
U S S R *22506 *22513 *41326 *41327 *41336 *41341 *41345 *58913 *58919 *91951 *91952 *91960 *91965
White Russia *91967
waste 75427
Canada 75425 83491
utilization 50525 50584 75511 83506
Idaho 22489 22499
West Virginia 91971
work management 22476 22508 58898
Canada 22498
Finland *3577
Germany *22504 *91957
Japan *50430
mountain areas *58928
Norway *14324
Tropics *75430
U S S R *25510 *31901 *41328 *41330 *41337 *41351 *41352 *58920 *58925 *91963 *91968
Logs *31923
Austria *32012
care and handling 3590 3663 14763 22571 22617 41377 50439 75462 *31891 *41454 *75442
Tropics 83549
damage *58958
defects 50525 75455
grading and standardization 14731 14759 22508 32002 41377 41453 50493 *14834 *22582 *22583 *32020 *41456 *67112 *83569
Africa 75524
bibliographies 83576
Canada
British Columbia 22276
California 31926
Finland *41447 *41448 *41458 *41462
New Zealand 14728 75528
Norway *50418
Scandinavia *58998
South Africa 75528
study and teaching
Malaya 83568
Tennessee Valley 22445
U S S R *41348
West Africa *32005
hauling *3570 *3579 *3584 *14755 *31903 *31911 *41343 *50442 *67034 *67040 *67042 *67043 *75434
Austria *91956
Borneo 58926
cable 22490 22511 75431 *22469 *41335 *41350 *41355 *41356 *50434 *50440 *50443 *75423 *75440 *83495 *83499 *83500
Canada 22487
U S S R *22483
equipment 3566 22472 50422 *22469 *22470
Finland *3583 *31909 *31910
U S S R *22468
Finland *3580
Germany *75438 *83567
horse *31897
mountain areas *75423 *75440
tractor *22503 *31877 *50423 *50424 *50441 *58902 *58915 *58922 *91941 *91955 *91964
truck 22514
U S S R *22483 *22503 *31874 *31904 *58912 *58922 *91964
winch *91942
U S S R *58911 *58912
legal aspects
France 14714

Item

Logs--Cont.
loading 22514 50425 *31892 *31902
equipment *3570
Sweden *3568
U S S R *41314 *41316 *41318 *41321 *41323 *58905 *58910
U S S R *22491 *58927
marketing *14714 *41460 *75533
measurement 3379 3384 14552 31602 58750 83361 *31601 *41172 *58751 *66913 *83348 *83359
cubic-foot 22290
equipment
Canada 59002
Norway *75208
volume 22291
pests
control 60570 77229
prices
Austria *3642
Canada 58997
control 32007
Germany *75527
quality *41446 *41449
sawing 14757 22531 *41363 *41379 *58943 *75444 *91974
U S S R *22527 *22533 *31917 *41374
Western States 58939
scaling 50244
seasoning *22552
splitting 58907
storage
Finland *3583
transportation 83490 *3579 *22485
Canada 83498
chute
U S S R *91939
costs and returns
Sweden *14752
equipment 3560 50422 58900 *58908 *58918 *67034 *75416
Finland *31882
Sweden *31899
U S S R *41323 *91944
Finland *41342
Gt Brit 31898
Norway *31886
railroad *31900 *67044
Finland *31890
Norway *75443
tractor *75418
U S S R *41354
Tropics 83493
truck 41349 50428 83496 83498 *31881 *41332 *41334 *41335 *41341 *41353 *58917
costs and returns *22492
Oregon 31905
U S S R *22486 *41340 *58921 *91938
U S S R *22482 *22496 *22501 *22502 *22510
water 22460 22471 50433 50439 67041 91950 *41322 *41329 *41346 *50432 *58914 *67036 *67038 *67047 *75441 *75442 *91966 *91969
Finland *41344
Norway *22495
Sweden *91958
U S S R *22456 *22457 *22461 *22475 *22478 *22497 *41310 *41312 *40359 *41360 *58906 *58924 *91947 *91959
utilization *50418 *58751
Lokhvitskaîa Opytnaîa Stantsiîa *773
Lolium 1356 4437 7112 48548 84196 90197
analysis and composition 18051

Item

Lolium--Cont.
anatomy and physiology 29084 47699 73264 *81446
Arctic Region 29084
culture 1369 12746 95857 *1428 *65220
diseases 56572 81237
genetics *73076
New Zealand 57198
U S S R *57316 *73506
varieties 12746 12820 *65094
Lolium italicum *1334
Lolium multiflorum 859 39212 *1348
Lolium perenne 73997 81519 *90368
Lomanoxia n g *34260
Lometa Refrigeration Cooperative 61876
Lomidine *76263
Lomuna n g 52776
Lonchaea tashkentica *60969
Lonchocarpus *77300 *77301 *77320
London Dairy Show 15520
Long B 11543 38339
Long Ashton Research Station (Gt Brit) 38323
Longicornia. See Cerambycidae.
Longitarsus 52409 52460
Longitarsus parvulus *6923
Longleaf pine. See Pinus palustris.
Longurio 68719
Lonicera *30707
Lonicera alberti *12129 *38886
Lonicera etrusca *47256
Lonicera japonica 49299 73325
Lonicera periclymenum *34134
Lonicera tatarica *57673
Loop-top garlic 38593
Lopheucoila n g 6744
Lophiostoma *38517
Lophira alata 66865
Lophodermium pinastri *72800
Lophometopum *61274
Lophophora williamsii 47743 74384 *30176
Lophopteryx cucullina 52782 52805
Lophotocarpus 2454 81003
Lophyrus pini *34460 *85900
Lopodytes *85871
Loquat *11823 *12964 *20885 *29971
anatomy and physiology 39010
Loranthaceae 72580 *28790
Loranthus 28749 89550
citrus 89550
Loranthus longiflorus 28807
Lorditomaeus *24734
Lordomyrma 52698
Lordotus 52532
Lorryia 85562
Los Angeles State and County Arboretum 28454 38399
Lotagene *4593
Lotus *38476
Lotus corniculatus. See Birdsfoot deervetch.
Louisiana Agricultural Experiment Station
report 72244
Louisiana State University 11640 54912
Louisville Fall Premium Plan 87038
Louisville Milk Production Incentive Plan 87039
Louping ill 93164
Louvain Université Catholique Institut Pédologique *74412
Lovoa *59136
Loxosceles 77631

*Text of this reference is not in English.

Item

Loxostege *16939
Loxostege frustalis 78195
Loxostege similalis 43796
Loxostege sticticalis *43762
LP_2. See Hemosporidin.
LP^2gas. See Liquefied petroleum gas.
Lubricating oils 7231 7232 34957 44142 86309 *86365
effects on cattle 92580
Finland *41578
U S S R *25434 *25455 *53179
Lubrication. See under Equipment, and names of equipment and vehicles.
Lubudia n g *24707
Lucanidae *6461 *85632
Lucerne virens 34571 52801 52829
Lucerne. See Alfalfa.
Lucht H 56037
Lucilia 24870 60142
Lucilia sericata *43744
Luciola italica 85631
Ludwig A *19650 *19665
Luehea divaricata 91688
Luffa 2484
Lühdorffia puzilol *17071
Luk'ianovich F K *64047
Lukoŝanovskaîa Mashinno-Traktornaîa Stanŝiîa *44196
Luling Foundation 80286
Lumber 14710 22411 22595 32023 75535 *3639
Austria *3649
bibliographies 31869
Canada 14756
care and handling 14767 14790 14843 22517 22534 32003 32013 41443 41452 50498 58996 83570 *22518 *75530 *92032
Sweden *92020
U S S R *22474
defects 14795 22584 22588 67081 67082 67096 83531 83684
directories 41298
Louisiana 25594
Germany *3543 *91980
grading and standardization 3641 14725 14729 22584 22592 31999 32004 32021 32024 32030 41296
Australia 59004
Germany *50497
Gt Brit 92031
Malaya 22590 83568 83572
Tennessee Valley 22445
industry 14722 22440 31833 31853
associations 50399
Austria *31840
Burma 72031
California 22409 31867
Canada 3546 50405 67027 83486
conferences and congresses *31860 *58896
Austria *75394
Czechoslovakia *41301
Finland 58891
France *14696
Germany *75389 *91930
Indochina *91906
Pacific Northwest 22434 67019
Philippines 58897
policies and programs 3226
public relations 14692 22415 22586
Southern States 14724 50404 75399 83484
study and teaching 50398
U S S R *41457
Western States 22426
Japan *83577

Lumber--Cont. Item
marketing 14836 22415 75525
France *22439
Germany *67110
Norway *14835
Southern States 83565
measurement 14538 14547 31617 *31616 *58751 *67119
moisture 83523 *22742
names 83566
Norway *11307
packaged 14828
pests *5994
control 60570 77229
U S S R *31980
preservation 41422 *31980
U S S R *41412 *41415
prices
control 22412
Germany *32026
Denmark *50085
Germany 22587 *32011 *67111
Netherlands *22429
Norway *3646 *32027
quality 22588 22592 31660 41442
Norway *22495
Pacific Northwest 22451
recovery 3629 75446 75455 *3591 *31616 *50447 *83508 *91974
California 31926
Pacific Northwest 22451
regulation and inspection 14726
Gt Brit 32022
salvage 22593
seasoning 3603 3606— 3608 14790 22555 58963 58967 67080 83571 *91999
air *41391
equipment
U S S R *22557
kiln-drying 14795 22549 31967 31969 31970 41400 58964 83531 *75479
U S S R *22554
Southern States 14418
statistics 50414 *3202
Chile *59001
Pacific Northwest 31851
Western States 83573
storage 14827
trade *22422 *41299 *50406 *58889 *67026
Australia 52693 52711 22428
Canada
Europe *67022 *83467
Finland *50409
France 50077
Germany *14706
Gt Brit 22428 31843 67113
history 50077
Philippines 22433
Yugoslavia *31847
transportation 14828 14842 41443
Gt Brit 50411
railroad 41285
U S S R *41461
utilization 14782 14847 41468 92038
Sweden *75406
U S S R *92046
yields *14508
Tennessee Valley 22445
See also Timber; Wood; and tree and lumber names.
Lumbering 14395 14732 31833 41305 *3186 *83485
Australia 3283
Austria *75414
bibliographies *83191
California *58892

Lumbering--Cont. Item
Canada 83192
costs and returns *3557
economic aspects 41305
Germany *91929
equipment 58899 *3557 *3584 *14740 *31875 *31878 *75417 *91935
Canada 22462
Chile *31884
Germany 91936
U S S R *22466
Western States *3592
France *67030
Germany *3555
handbooks *22116
hazards and safeguards 67069
history 83483
Michigan 3552 22444
Wisconsin 22446
India 75411
Japan 14733
labor 3556 *50417
Canada 31855 66791
France *41302
Germany *22449 *83212
Japan *67032
Southern States 14724 75399
Sweden *83216
U S S R *22448 *31856
Louisiana 41304
Michigan 14723 58895 64008
New Zealand 75063
Norway *50170
Oregon 31862
Philippines 83482
policies and programs
U S S R *91928 *91933
Romania *58894
Sarawak 14734
study and teaching *91583
U S S R *22123 *41028 *41029
Sweden *31859
Tropics 31858
U S S R *31868 *31870 *41303 *41444
West Africa *75409 *75415
work management 31857 91934 *3553
See also Logging; Sawmills; and under Accidents.
Luminodesmus sequoiae 60762
Lumpy wool 51828 60354
Lunches. See School lunches.
Lund Botaniska Föreningen *19766
Lundbladia *34186
Lunger disease *16009
Lungs *23033
cattle *4650
dogs 15604 67812 *92765
mink *76598
sheep 4604
swine *33713
Lungworms 75914 *4000 *15162
cattle 23310 23356 23372 42231 59735 76398 *4567 *32703 *42150 *51228 *51278 *67626 *76367 *84335
goats 24161 85104 *60364
sheep 24161 85104 *24149
swine 68342 *33713 *43064 *51953
Luperus pravei *77756
Lupine 74079 *12747 *71198
anatomy and physiology 47736 64716 73017 81433 *864 *12278 *20303 *29268 *48082 *49580 *56758 *81546
biochemistry 73336 79913 90170 *20469
breeding 1385 29734

Lupine--Cont. Item
breeding--cont. 48475 65138 73520 *12781
Germany *1483
Netherlands 82394
culture 91354
Germany *48425 *65131 *65132
Russian Zone *90313
Sweden *12843
Union of South Africa *39536
U S S R *39439
diseases 64327 81305
effects on soils *2745 *49602 *75298
feed 48508 *3932 *16062 *22822 *32216 *50759 *50760 *59215 *60424
Florida 64327
inoculation 13803 13814 21572
Netherlands *39480
seeds 79897 79913 89814 *18746 *71101
U S S R *56729 *57190 *58288
varieties *2730 *3932 *39542 *65132 *90313
Lupinus albus *1409 *56781
Lupinus arboreus 74243 74307
Lupinus polyphyllus 24351
Lutz A *19630
Lutz R *77394
Luxemburg Admin des Eaux et Forêts *83250
Luxemburgia 120
Luzula 12163 29080
Luzula campestris 20202 89813
Luzula purpurea *29328
Luzula saltuensis 134
Luzzatti L *80582
Lyall D 96201
Lycaeidea argyrognomon *85974
Lycaeides argyrognomon sublivens 94116
Lycaena argus 16937
Lycaena argus karelica *17075
Lycaena helloides 61209
Lycaena optilete *17076
Lycaena phlaeas 43788 68920 68988 78186
Lycaenidae 85964 *34626
Lycaenopsis argiolus. See Celastrina argiolus.
Lycanthropa 77732
Lycaste 64216
Lychee 73773
Lycidae 68652 77745 *43452
Lycilidae *68663
Lycium barbarum *30651 *47993
Lycogaster 6699
Lycomarasmin *47940
Lycopene 54231
Lycopersicon esculentum. See Tomatoes.
Lycopodium alpinum *187
Lycopodium cernuum *11515 *47314
Lycopodium selago 57739
Lycoris 12144 64232 73953
Lycosa *68622
Lyctidae *77800
Lyctus 6407 15033 16569
Lyctus brunneus 31973 34222 85667
Lycus *68688
Lyda hypotrophica. See Cephalcia abietis.
Lydella 43571
Lydella grisescens 17111
Lydella stabulans griscens 34616 52539
Lydus *85651
Lye 7039 18650 70617 *54050 *73119 *87829 *92206

*Text of this reference is not in English.

Item

Lygaeidae 6668 *43629
Lygodium palmatum 28628
Lygris pulcherrima. See Snowia pulcherrima.
Lygus 93945 93968 *24932 *85877
Lygus basalis *85877
Lygus campestris *85877
Lygus elisus 34487
Lygus hesperus 34487
Lygus kalmi *85877
Lygus oblineatus 6695 52661 61057 61096 93992
control 16879 93976
Lygus pabulinus 93965
Lygus pratensis *24929
Lygus pratensis oblineatus 34487
Lygus pubescens 16848 43639
Lymaenon fossarum 94025
Lymantria 6768 78209
Lymantria dispar. See Porthetria dispar.
Lymantria monacha *16987 *25C34 *43811 *78112 *94105
Lymantriidae 43771
Lymexylidae *34221
Lymnas *61256
Lymnastis *24719 *52400
Lymph glands 43074 92744
Lymph nodes 33100 *23657
Lymphadenosis *59724
Lymphangitis 76661
Lymphangitis epizootica 5031 83879 92861 *5074 *23642 *33054 *33056 *92835 *92859
Lymphoblastoma 67635 92863
Lymphocytes 42382
Lymphocytoma 4664
Lymphoid tissue 33322
Lymphomatosis. See Leukosis.
Lymphosarcoma. See Malignant lymphoma.
Lynchia americana 43513
Lyngbya *239
Lynx *33613
Lyonetia clerckella *6786 *68881 *94096
Lyristes plebejus *93941
Lysandra bellargus 78091
Lysandra coridon 78091
Lysenko T D 29166 56923 73065 80722 *29141 *58705 *63994 *64657 *80727 *83230
Lysimachia 28596
Lysimachia nemorum *47289
Lysimachia nummularia *56793
Lysimeters 40439 49393 58106 *2563 *47909 *57001 *58407
Lysine 11986 28238
determination *54453
effects on plants *8973
in animal nutrition 23838 85197 *24244
in plants 1077 81768
Lythraceae 56697
Lyxoflavin 60445

M. & B. 2210. See Bis (β-dimethylaminoethylaminoethyl)-succinate bisethiodide.
Maba *115
Mabira n g 52628
Macadamia 30152 73903 73904 81033 90700
Macan T T *93964
Macaroni 87650
Macaulay Institute for Soil Research 74414 *74917
McDaniels L H *80917
Macdonald College 10651 80453
McDougall A P 6 833
McGill Miller method 45 83
MacGillavry D *96206
McGinty R A 56010
Machado A de B 34199 34696
Machilidae 34725
Machilis *78272 *78292
Machilus thunbergii *89918
Machimia crossota *6813
Machine sheds 7278 25466 61496 *53316
Machine-tractor stations
bibliographies *46395
costs and returns *46506
Germany
Russian Zone *46397 *86226
labor
U S S R *27937 *37210 *37218 *46632 *63305 *63327 *95659 *95664
management *37477 *37545
Norway 55405
policies and programs
U S S R *27599 *27671 *37508 *46427 *49809 *63532 *95784
Sweden *17228
U S S R 27684 *6987 *9951 *9971 *10314 *25251 *25324 *25441 *25455 *27349 *27354 *27374 *27376 *27409 *27615 *27634 *27673 *27808 *34918 *35022 *37262 *37478 *37501 *37535 *44357 *46403 *46430 *46717 *48247 *52964 *52985 *53069 *53085 *53118 *53135 *53140 *53177 *55087 *55105 *55130 *55350 *55380 *55387 55388 *55414 *55424 *55623 *61497 *61512 *63477 *63496 *63529 *63541 *71555 *71556 *71561 *75204 *78396 *78427 *78551 *80313 *80317 *86270 *87158 *90203 *90351 *94385 *95673 *95712
Latvian SSR *27672
work management
U S S R *44145
Machinery. See Equipment; and kinds of equipment.
Machulka V *11280
McLoud Blackberry Growers Association 36184
Maclura pomifera 21086 83669
Macquart J *60895
Macratria *68688
Macreupelmus *6736
Macroantonaria n g *68687
Macrocentrus ancylivorus 6733
Macrocentrus gifuensis 17111
Macrocolus *24792
Macrocoma 52460
Macrocystis integrifolia 29132
Macrocystis pyrifera 29388
Macrodactylus mexicanus *16527
Macrodactylus subspinosus *16527
Macrogyrus *52466
Macrolepidoptera
anatomy and physiology 6767 16969 16970 43773 52761 68926 85944
collecting and preserving *43838 *61240 *17032
France
Gt Brit 43846 61177 85950
Hungary *61210
migration *6758
Netherlands *16990 *17037 *17112 *94149
Norway 17058 *68980
Tunisia *85942
Macrolopha *68687
Macromitrium 72444
Macronyssinae 16510
Macrophoma 28719
Macrophoma edulis *28919
Macrophomina 64474
Macrophomina phaseoli 462
Macrosiphum pisi 16802 16805 77936 85836 93956
anatomy and physiology 34436 43626
control 61069
parasites 16839
Macrosiphum solanifolii *43644
Macrosteles 85832
Macrosteles divisus 6693 16868 20093 38813 43673 61061 93955
Macrotermes *78269
Macrothylacia *43780
Macrothylacia rubi 43806
Maculinea *61156
Maculinea alcon rebeli *61172
Maculinea arion 94048
Madantispa n g 78261
Madasumma 6842
Madeira Junta dos Lacticinios *53860 *69927
Madhuca 9462 70936
Madhya Pradesh Dept of Agriculture 89090
Madras Co-operative Central Land Mortgage Bank 9798 9834 37088 37123 71245
Madras Dept of Agriculture 28269 38170
Madras Veterinary College Association 75901
Maecolaspis *52404
Maedi. See Pneumonia, sheep.
Maekawa F *164
Maesa 56245
Magdalis 6444 60808 *43470 *43732 *77759
Magicicada septendecim 6640 85840
Magnesium
determination 21519 30759 40479 69547 *46038 *79969 *91518
effects on plants 880 13070 29278 73224 81616 81637 *29324 *47921 *48102 *66693 *66694 *73171 *81592
effects on soils *30743
fertilizers 981 22015 30889 74615 74914 83150 91306 *2775 *13964 *22023 *40602 *40703 *58224
in animal nutrition *81592
in animal physiology *15441
in blood 84660
in cattle nutrition 84292
in human nutrition *81592
in plant nutrition 56898
in plants 30751 56878
in sheep nutrition 5666
in soils 30751 31017 49434 58560 *66163
Netherlands *66693 *66694
Sweden 82708
Magnesium chloride *76389
Magnesium oxide *56878
Magnesium phosphate 2575
Magnesium sulfate 981
Magnets 42135
Magnolia *13242 *57680
ecology 89779
Florida 89763
germination 13332
Gt Brit 30228 57702
hybrids 48919
varieties *13158
Magnolia acuminata 57633
Magnolia sororum 32163
Magnoliaceae 81410
Magulla symmetrica *6347
Mahaicony/Abary Rice Development Scheme 70736
Mahaleb cherry 20945
Mahonia 57766
Main Turkmenian Canal *2643
Maine Agricultural Experiment Station reports 19718
Maine Forest Serv 41055
Maine Gladiolus Society 65678 65679
Maine Potato Tax Committee 57855
Maine Poultry Improvement Association 60231 60255
Maine Production and Broiler Test 42756 42795
Maine University College of Agriculture 68095
Maire R *38211
Maize. See Corn.
Maize stalk borer. See Busseola fusca.
Majorana *13681 *17802
Majorca Universidad *42498 *67940
Makarov V S *45011
Makassar Veeartsenikundig Laboratorium *92317
Maksimov N A *96191
Mal de caderas 5021 *5093 *92862
Malabar Farm *71584
Malachiidae 93779 93783 *34268
Malacodea regelaria *25037
Malacodermata. See Cantharoidea.
Malacomyza 61294
Malacosoma 68939
Malacosoma americanum 61207
Malacosoma disstria 43807 43823 43825 61252
Malacosoma franconica *78056
Malacosoma neustria 78211 *43733 *52755
Malaria 61011 85801 *6617
Africa 16765 *52597
Ceylon 50387 61020
control 6604 6616 9101 13699 16786
Belgian Congo *93918
Brazil *43572
Ceylon 52601
India 93933
Indonesia 16771 43619
Iran 6587
Malaya 61006
Mexico 24891 *6585
Réunion *16768
Tennessee Valley 6589
Tropics 34412
Venezuela *93910
Florida 24900
Formosa 16789
French West Africa *43573
India 60999
transmission 16782 24906 24907 24914 *85811
British Guiana 34403
Tropics 34412
vectors 16766 43617 93916
West Africa *16772
Malathon *68519
Malaya. See Federation of Malaya.
Maleic acid *61964
Maleic hydrazide
effects on plants 885 936 9694 12312 12327 12477 12507 29228 29306 29440 30548 39215 47950 47976 48070 56794 56863 56928 56945 73141 73197 73216 89996 91090 *803 *12295 *47915 *64812 *81532 *81575 *81640
herbicide 879 13576 13635 21410 21420 30517 91053

*Text of this reference is not in English.

Item

Maleic hydrazide--Cont.
preharvest use 29357 48007
toxicity 90023
Maleo-pimaric acid 41595
Maleuterpes spinipes 16606
Malignant catarrh
cattle 32779 42196 76368 *32691 *59698 *84345
Malignant edema 4730 5658 77002 *85127
Malignant lymphoma 23304 42133
Mallein 33061 41875 *51493
Malleomyces mallei *33099
Malleomyces pseudomallei *33041
Mallopelmus *52484
Mallophaga 52877 86078 *25148
anatomy and physiology 94205
as pests 52903 69052 *78264
collections 17146
hosts 86095
Mallota *60977
Mallotus 89333
Mallotus philippinensis oil 79822
Mallow. See Malva.
Malmöhus Läns Hushållnings-sällskap *29170 *89091 *96178
Malmöhus Läns Skogs- och Betesvårdförening *31567 *83205
Malocclusion 15958 23550 *67809
Malonate 56837
Malpighamoeba mellificae 77406
Malpighian tubes 94199 *6832 *25095
Malt 78945 *7732 *69814
analysis and composition 62740 79630 *7805 *26693 *26725 *36343 *45503 *53658 *62741 *70727 *86719 *87656
chemistry 78899
color *7769
enzymes 9106 26733 78911 79617 *26668
extracts 25886 26733 47761 *26715 *79591 *87627
processing 26755
products 79605
quality 36386
research 26660 *7817 *87591
storage 54438
tests 8980 78877
trade
Gt Brit *11007 *55865
Netherlands *46943
Switzerland *88975
utilization 54532 87571
Malthini 34238
Malthinus 34238 *60891
Malthodes 34238 *60891
Malthus T R 10570 35197 61708 *10509 *55591 *78711
Maltschewsky N 64849
Malva *32254 *82058
Malva moschata *2450
Malvaceae 136 47250 *2451 *30681
Malvastrum insulare 47250
Maly K *89112
Mamestra advena *78105
Mamestra tincta *68936 *78105
Mammary gland 4042
anatomy and physiology 50886
cats 51406
cattle 15404 42230 59644 59702 67597 67646 76249 76306 *51159 *67594 *84387
diseases 23340

Item

Mammary gland--Cont.
dogs 84552 *32907 *92733
goats 42941 67597 *5669 *93162
guinea pigs 33093
ruminants 41845
sheep *93162
swine 77128
Mammillaria 72404 *72356 *80948
Mammillaria baumii *47224
Mammilloydia n g *47223
Mamorina n g *34212
Manabí Ecuador Consorcio de Centros Agrícolas *71863 *88887
Manabí Ecuador Estación Experimental Agrícola 38305
Manchu walnut. See Juglans mandshurica.
Mandan rice-grass. See Stiporyzopsis.
Mandarin orange juice *79378
Mandarin oranges 73768
anatomy and physiology *56767
diseases 29026 *298
marketing
California *8694
products 54216
pruning 48742
spoilage 79429
storage 54299
transportation 54299 79729
Mandelic acid *76531
Mandragora *21475 *30560
Manganese
determination 12539 *2577
effects on plants 808 812 896 1009 1020 12509 12526 48003 48111 81743 90060 *831 *868 *922 *39135 *48008 *65839 *91517
in cattle nutrition 84295 *4694
in duck nutrition *84802
in milk 8106
in plant nutrition 22013
in plants 12428 *39031
in poultry nutrition 15785 23861
in soils 2570 40467 49438 49492 58120 58560 66176 66188 82686 91182 *2597 *30754 *39031 *82888 *91194
in swine nutrition *24305
in wheat 80685
Mange *43390
cattle 51281 52360 85544 *4592 *67598
dogs 4872 77638 92744 *15590
goats *52383
hamsters *52356
horses *5059 *6382
man 60791
rabbits 5584 5586 15960 *85582
sheep *43396
control *24712 *33592 *33594 *42948 *52363 *60363
Morocco *52383
treatment *24178 *43373 *52341 *60371
swine 5800 5801
treatment *4050 *22953
Mangers *53254
Mangifera *89297
Mangoes 65380
analysis and composition 70530
anatomy and physiology 29398
bibliographies 30004
biennial bearing 13024

Item

Mangoes--Cont.
breeding 13024
Costa Rica 20894
culture 64390 65400 66469
Australia 29983
Peru 48744
Philippines 65394
diseases 38786 *89673
French Guinea *38656
fertilizers 2824 66418
Florida 65369 65378 65405 65409
freezing 70650
fumigation 16244 77889
India 65375
marketing 70581 79419
pests 16524 68779 *6813
control 24944 68476 68477
India 68722 68846
pollen 90043
processing 45430 *18343
propagation 1715 65390 65412 73786
pruning 65410
seeds 54705 59198
soils 66301
sprays and spraying 68468
taxonomy 90043
trade
Gt Brit 11005
India 11005
Tropics 65401
varieties 20908 65383 65388
Ceylon 90580
Florida 65391 65411
India 39792
Mangolds. See Beets.
Mangrove. See Rhizophora.
Manila Grange No 1 46820
Manilkara *28523
Manilkara aubrevillei *89365
Maniola jurtina 61245 68934
Manitoba Dept of Mines and Natural Resources
Forestry Br 46410
Lands Br 46410
Manna *67198
Mannans *81671
Mannitol 39250 56988 61837
Mannose 88016
Manotes *64188
Mansonia 68797
Mansonia altissima *12521 *54973
Mansonia indubitans 68791
Mansonine *12521
Mansonioides. See Taeniorhynchus (Mansonioides).
Mantero G *19648
Mantidae 5980 17120 *6849
Mantis religiosa 78221 *6877 *86040
Mantispilla 78261
Mantura *93770
Manufacturing Chemists' Association 44508
Manure gas *25559 *25561 *86489
India 25560
manufacture 40975 *40951 *53359 *69487 *86488
See also Methane.
Manures 13945 14317 22064 30846 31000 31234 31296 38759 40563 40963 45614 48123 49488 50075 66199 74911 82926 91332 91507 91538 91541 *2773 *2809 *3121 *3160 *21992 *22054 *22062 *22067 *22069 *22074 *31291 *31305 *38666 *40960 *49461 *49767 *50066 *66293 *66679 *66740 *74961 *82897 *83173 *83174

Item

Manures--Cont.
analysis and composition 66730 91546 *40988 *50743
application 30756 *14301 *50058 *66745
equipment 53057 53060 53061 69216 *7081 *7086 *31315 *53062 *61438 *63210 *69211 *69218 *94301
Austria *53051
Germany *53054 *53055 *61436
Italy *61443
Netherlands *69219
seasonal *40957
U S S R *21755
Canada 66676
care and handling 3156 14314 31292 44139 83170 *22071 *34962 *50059 *50070 *58606 *66742 *83187
equipment 14316 25373 34960 53247 *6998 *40965 *44092 *61438 *61583 *61598 *78400
Germany *50068
U S S R *58593
cattle 27747 31315 40984 91546 *14301
Ceylon 22070
costs and returns 37596
Denmark *2773 *22059 *66732
feed 23869 76752 76763 *5281 *50777 *93097 *93099
Germany *3163 *22068 *31307 *40966 *40968 *40972 *40981 *50060 *74962 *83189
Russian Zone *49724
Gt Brit *58543
horses 3155 23634
Ireland 14302
Israel 14305 *3165 *14303 *66726 *66729 *74591
Italy *58603
Japan *31049
labor *37240
liquid 83183 *3157 *3167 *14300 *21719 *40953 *49767 *49786 *58595 *58597 *66725
equipment 44345 *69207 *69208
Germany *31299 *31300 *83185
storage 22060
Netherlands 58257 82810 *91294
poultry 3162 5431 14307 14316 22055 22057 40978 50056 58589 83168 *31293 *33433 *40979 *40980
preparation *31302 *31309
sheep *50062 *83187
analysis and composition *40959
storage 69373 *7362 *14300 *14319 *31287 *58596 *78642
equipment 44319
*35134 *44313 *69445 *69446 *69454 *86455
Norway 35139
Sweden *58539 *58542
swine 83175 85298 93296
Tropics 82900
U S S R *11783 *40728 *50063 *91545
vitamins *50777
See also Composts; Green manures; Guano.
Manzate 28931 72662
Mapania 47268
Maple. See Acer.
Maple sirup and sugar 14680 41608 46026 50602 *18762 *18768
analysis and composition 41607

*Text of this reference is not in English.

Item

Maple sirup and sugar--Cont.
Canada *9664 *58874
costs and returns
Canada *50390 *71732
equipment 25348
extraction 63106 63115 *46007
history
Canada *75670
industry 63143
Canada 79959 *9680 *63112 *91900
New Hampshire 45970
Ohio 9676
prices
Canada 94584
Mapping 80405
Maps 7408 31775 34742 58867 80234 86695 *27508 *86741
French Equatorial Africa *25583
Illinois 80396
Southern States 14418
Spain *66859
Turkey *80274
See also under specific subjects.
Maracay Venezuela Instituto Nacional de Agricultura *11335
Maraenaspis *85869
Marals *29746
Marantaceae 38443
Marasmius 19870 47336 81082 *56321 *64287
Marasmius foetidus *29406
Marasmius putillus *29406
Marasmius urens 12410
Marattiaceae *47303
Maravalia sebastianiae *89624
Marcet J 28299
Marcgraviaceae 11464
Marchaliella n g 16800
Marchantia polymorpha *39167 20181
Marchantiales 64264
Marcilla Arrazola J *11231
Mardara 6768
Mardonius *52345
Marek's paralysis. See Leukosis.
Margarine 79819 *95351
analysis and composition 9392 54690 54736 54737 62931 87866 *25968 *26919 *62936
coloring *26919
consumer preferences 70032
fortified *19576 *19588
industry 36713
Italy *79790
legislation 9418 36713 *26939
Gt Brit 87894
manufacture 36752 *62936
marketing 35740
nutritive value 87855 *62936
oxidation *26947
packing *79798
regulation and inspection 70912 87856 *9478
Germany *54725
Italy *79790
situation and outlook 87855 *69920
Southern States 87831
vitamins 9392 54690 54736 54737
Margasus *85870
Marhan F *47052
Mariamela n g *77757
Maricaona n g 61037
Marigold. See Tagetes.
Marihuana. See Hemp.
Marine borers 75508
Marine insurance 63270

Item

Marioniscus Brian. See Finaloniscus.
Mariupol'skaia Opytnaia Stantsiia *91683
Marjoram. See Majorana.
Market reports 17589 17598 17617 44440 44457 54271 54283 69605 86580
Canada 54263
directories 7520
Marketing Act of 1937 (California) 62838
Marketing Research Workshop 44466
Markets and marketing 7495 7496 7503 7586 17615 17619 25636 25645 25653 35341 44465 53439 53453 61735 61747 61765 78764 86584 86628 94539 94540 94549 94555 *9739 *69583
agreements 8684 8721 54294 87430
Germany *70103
associations 61770
Germany *87401
Australia 44467
bibliographies 35273
Brazil *17595
Canada 7523 46212
Chile *17672
compulsory deliveries
U S S R *61775 *94625
conferences and congresses 17605 17606 25632 61780 94547
Switzerland *7504
cooperatives 25639 44456 44460 44474 44480 44485 53461 69590 *10899 *44475 *69581 *69586 *86562
Brazil *17603 *61739
Canada 19445
Cyprus 69594
Europe 7512
France *7511 *25651 *53457 *61776
Germany *44462
Norway *35267 *61752
Pakistan 78754
Sweden *69580
costs *94532
Italy *69584
directories
New Jersey 26058
Europe *61757 *78757 *86567
exchanges 9032 9280 25773 26363 35253 35254 35260 36019 *69602
Brazil *26327
Germany *54485 *70768
Iowa 35255
Italy *25629
Netherlands *78751
New York 7491
Florida 17604
France *88679
Georgia 17602 94545
Germany *7488 *7499 *7515 *7527 *7528 *17612 *53462 *53509 *53511 *69592 *69600 *69609 *72038 *78767 *94552
Gt Brit 35257 69596
history 25642 *53459
Gt Brit 25647
Italy *25629
interstate 53451
Iowa 35255
Ireland 17608
Italy *25650 *25692
Jamaica 35258
Japan 95766
Kansas 7498
legal aspects 25641
France *35268 *44471 *61774

Item

Markets and marketing--Cont.
legislation
Canada 69593
Germany *35281 *69582 *69607 *86570
losses 44448
Massachusetts 25635
Mexico *17592
middlemen 8737 9111 25639 25648 35264 35266 44442 45335 94535 94536 *8510
Netherlands *7524 *25652
New England 17599
New Jersey 25631
New York 69606
New Zealand 17618 35265 *25634
North Africa *7509
North Carolina 25656
Ohio 94557
Philippines 17616
policies and programs 17589 26502 53500 61777
Brazil *78749
Canada 35251 35262 35269
Europe *44473 *69596
Florida 61755
France *61783
Georgia 61751
Germany *78755
Gt Brit *7508 *86576
Mississippi 61736
New York 44470
North Carolina 61746 78747
Oklahoma 61760
South Carolina 61781
Texas 61733 62538
Virginia 61767
Yugoslavia 7522
Puerto Rico 18993
records
U S S R *44444
regulation and inspection
California 44454
Germany *69589 *78752
research 7490 7501 17607 17613 17623 25646 35250 35272 35275--35277 35725 36047 36200 36219 36807 44436 44445 44447 44451 44452 44463 44466 44481 44483 53441 53448 61759 61764 70050 78750 78756
Arkansas 61742
bibliographies 53463
roadside 7506 9161 9510 61769 62518 79646 87692
Canada 17597 86578
Pennsylvania 87696
Sierra Leone 94553
situation and outlook 25640 44461 44761 53460 *86574
Germany *44477 *44765 *61758
Southern States 78762
Spain *7513 *44441
statistics 17706 46063 61741
Arkansas 25628
Connecticut 44618
Germany *86566
Hawaii 61756
Union of South Africa 35259
study and teaching 17593 44449 61734 61737 61745 61748 61749 61754 61761 61763 61782 61784 62528
Alabama 61750
Germany *94554
Puerto Rico 61766
surveys 86573
Tennessee 61762

Item

Markets and marketing--Cont.
terminal 87556 *86563
Canada 9090
Texas 7521 44484
Union of South Africa 53443 53444--53446 53465 61738 *78766
U S S R *7492 *7502
Uruguay *7519
See also Auctions; Black markets; Pools; Research and Marketing Act; and subhead marketing under specific subjects.
Marl *66349
Marmalade. See Jellies and jams.
Marmor cucumeris 81345
Marmor medicaginis solani 64576
Marmor sacchari *81344
Marmor tabaci 81345
Marmor tabaci rosettae 20099
Marmots *22378 *75371
Marnier Gardens 39930
Marpissa pomatia 34190
Marquesania 6370
Marriage 10581 10731 19290
Marsdenia oreophila 56262
Marshall R 38228
Marshes
Austria *2666
Denmark *49767
fertilizers
Germany *40697
France *47688
Germany *48245 *48246 *48434 *55489 *63507 *71550
Gt Brit
Wales 10069
Norway *13930 *13931 *49505
reclamation
Canada 40785 91392
Denmark *31116
equipment *58451
Germany *49887 *49888 *50126 *91415
Norway *14087
USSR *58483
soils
Madagascar *49443
Sweden *74606
USSR *91179
Sweden *73349 *73384
Marsilea 20358 56759 72950
Marssonia panattoniana *11906
Martens 22405
Martin J O 80768
Martynia proboscidea. See Proboscidea jussieu.
Martyrhilda gozmanyi *61154
Maruina 6558
Maryland Agricultural Experiment Station
publications 11185
reports 38306 56114
Maryland Agricultural Society 38172
Maryland Crop Improvement Association 38172
Maryland Farm Bureau 38172
Maryland Nurserymen's Association 38172
Maryland State Beekeepers' Association 38172
Maryland State Council 4-H Clubs 38172
Maryland State Horticultural Society 38172
Maryland State Poultry Council 38172 51716
Maryland State Soil Conservation Committee 21951
Maryland Stockmen's Association 38172
Maryland Tobacco Experimental Farm 82122

*Text of this reference is not in English.

Item

Maryland Tobacco Growers' Association 36989 38172
Maryland Vegetable Growers' Association 38172
Maryland University
Colleges of Agriculture and Home Economics
Extension Serv
publications 11185
Broiler Substation 60070
Marzotto G *31086
Masaridinae 78012
Masdevallia 82297
Masdevallia simula 13146
Mashinno-Traktornaia Stantsiia im V R Vil'iamsa *31650
Masicera *85750
Masonia n g 72519
Masonite 41599
Massachusetts Agricultural Experiment Station
reports 96243
Massachusetts Federation of Poultry Associations 84777
Massachusetts State Grange 37960 37961
Massachusetts University 53833
Massaloux P *50210
Massarina *72505
Massartia n g *85870
Massé A *56021
Massecuites 79945 79960 95502 95531 95558
Mastax *77768
Mastigonomus *68863 *85870
Mastitis 41880
cattle 4584 4655 23286 42131 42181 42228 51208 51240 59613 59664 59708 76308 76347 84260 84333 84389 92612 *4555 *4623 *4624 *4679 *4704 *7969 *8147 *17971 *23316 *23354 *32797 *42187 *42212 *51235 *51245 *67634 *67710 *76257 *76260 *76268 *76411 *84291 *92619 *92657
Arkansas 42130
Canada 32685
causes *7295 *59681
control 4547 4591 4672 8097 15416 15432 42235 51166 51179 59631 84244 *15472 *23351 *32733 *76322 *76332
Australia 84347
California 4668
Germany *67702
Gt Brit 15428
New York 23277
Norway 84385 *92591
diagnosis 51184 51239 *15471 *51275 *59736
Gt Brit 42148
India 76243
Italy *51257
Michigan 92590
New York 92616
Norway *59624
prevention 84403 *4688
treatment 23271 32700 32704 42114 42115 42136 42175 42213 42235 42969 51179 51234 53964 59629 67674 67687 67713 76279 76383 *4688 *15402 *15437 *23294 *23355 *26075 *32735 *32739 *59626 *59714 *59736 *92598 *92624
goats 51844 *33576 *33581 *76995
immunization 76989
treatment *32735
sheep 85119 *33576
See also Contagious agalactia.

Item

Mastogenius 77684
Mastostethus *52435
Matador Land and Cattle Co 41936
Matchanova O *65052
Matches *41123
Maté *2471 *61913 *86775
Matela A G 64021
Mathiola *57681 *90757
anatomy and physiology 886
breeding *74046
culture *74068
diseases 28762 *64562
genetics 20214 90860
USSR *2004
varieties *65698
Mathiola incana 34462 72808 *39196
Matricaria chamomilla 13693
Matsucoccus 68804
Matsucoccus pini 6533 68804
Matsumura S New Species and new Genera of Palearctic Superfamily Cercopoidea 16814
Maudslay R 38229
Maulik S *60836
Mauritia flexuosa *3323
Mauritia vinifera *3323
Mauritiella *72376
Mauritius Agricultural Bank 9820 37115
Mauritius Centre Agronomique du Nord *12886
Mauritius Committee on Land Tenure 55535
Mauritius Customs Dept 19491
Mauritius Dept of Agriculture 38173
Mauritius Food Production Board 37367
Mauritius Hemp Producers' Syndicate *62402
Mauritius Natural Resources Board 55565
Mauritius Tobacco Board 18818
Mauritzon J *96209
Maxillaria 64216
Maydeae
oil 9500
Mayetiola secalis *52504
Mayflies. See Ephemerida.
Mazzard cherry *21 *20381 *20936 *93811
MCP. See Methoxone.
MCPA. See Methoxone.
MDDA. See Methoxy bisdehydro diosynolic acid.
Mead 18485 26761 45597 60662 79634
Meadow soils
USSR *21592
Meadow spittlebug. See Philaenus leucophthalmus.
Meadows
Alpine *49805
culture
USSR *1465 *29728 *29787 *29796 *29808 *48424 *57278 *57319 *65191 *73505 *73525 *73567 *73575 *73629 *90392
drainage
equipment *58410 *58411
USSR *21867 *58436
ecology
USSR *30987
equipment *61465 *61466
fertilizers 30894 *21719 *30987 *49553 *49740 *49805 *90400
Nebraska 66319
USSR *21727 *31010 *66369 *74620
Germany *90413

Item

Meadows--Cont.
irrigation
USSR *48496 *82982
pests *60828 *93451
study and teaching
USSR *90307
USSR *48387 *57203 *81981
See also Pastures.
Meal. See kinds of meal.
Meal planning. See under Cookery.
Mealybugs 68839 74290
and plant disease 34477
control 34481 94007
Ivory Coast *85854
taxonomy 61050
Meat 9236 28166 79667 *9177
aging *62881
analysis and composition 36552 54593 70814 70818 79688 79698 87749 87752 87754 *18529 *18532 *26822 *36556 *36558 *36659 *45649 *62814 *79693 *87551
and disease 9314 62877 *15425 *45687 *59335
associations 9186
bacteria 18528 26817 26825 45654 54646 95262 *26555 *26847 *36549 *36550 *94574 *95260 *95294
Germany *70850
canned *36624
bacteria 95315
consumption 45657
spoilage 54647
trade
Canada 96102
USSR *36642 *36648
canning 18584 36672 95315
home 94589
USSR *26882 *26889
care and handling 54660 54661
equipment 79756
chemistry 26823 44802 *18530
color 26825 54644 70892 *62880
conferences and congresses 9170 95227
Canada 54557
Italy *18493
consumer preferences 36564
consumption 9259 *36565 *54572
Australia 18535
France *95249 *95267
containers *36624
contamination 36604 87783 *36608 *36616 *70853 *95295
Germany *95294
cooked
analysis and composition 79690
cooperatives
Denmark *70825
Sweden *70843
costs and returns 18568
Brazil *37582 *46508
cured *26894
curing 9334 9344 26876 45719 *9356 *36661 *36671
equipment 54672
cuts 26874
cutting 9263 *36655 *79738
dried 9363 45712 87811 *79748
enzymes 54603 *54595
fat 79688
feed *76593 *92782
flavor and odor 54646
freezing 70809 70815 87786 95316 *70810
Denmark 95307
home 26899 45713
USSR *36640

Item

Meat--Cont.
frozen 9347 45732 62860 *36641
bacteria 95263 *70810
cookery 79749
defrosting 70890 79749 95263 *36647 *62865
flavor and odor 79749
keeping quality 79722
nutritive value *72142
packing 26874 70861 95297 *36573
regulation and inspection *62842
storage 45713
transportation *36573
weight and measurement 79749
Germany *36616
grading and standardization 9263 18562 62851
Gt Brit 95293
Italy *45697 *62848
Sweden *70860
history *9225 *36565
Uruguay *9288
hydrogen-ion concentration 36653
icing 36638
industry 45610 54566 62804 62811 95242
accounting *36514
Australia 36531 54554
Brazil *9223 *95232
Germany *95253
Israel 36536
Italy *63875
USSR *26781 *36477 *36484 *36514 *36537 *62785 *70787 *79653 *79661 *79663 *79675 *79677 *79678
Uruguay *70786
keeping quality *26856 *36558
labeling 9312 *18560
losses 54639
marketing 9261 9263 9266 9279 25655 36569 45667 45683 70822 70823 79667
associations
Germany *70842
Belgium *70844
costs 54653
France *45674 *54625 *95270
Italy *18571
Louisiana 54614
Netherlands *36597 *87770
New Zealand 9282
Northern Ireland 9260
Norway *9206
Union of South Africa 9289
Uruguay *9288 *70873 *79700
moisture 54593 *36556
molds *95294
Nebraska 9262
Netherlands 36528
nutritive value 9314 11105 11140 28221 38125 41926 46986 46999 80689 *46995 *55946 *96157
packing 9318 9319 18567 26817 26859 36609 36610 45702—45704 70822 70862 70863 70864 79729 95298 *36573
USSR *79738
packing industry 9256 9350 9353 9361 9365 18595 26772 26887 36617 36632 36677 45683 45727 62879 70882 75969 79741 79756 *26891 *83186
Brazil *26890
Canada 54677

*Text of this reference is not in English.

Item

Meat--Cont.
packing industry--cont.
conferences and congresses 62871 62872 62873
directories 18595
history 36660
public relations 62875
Uruguay *70873
Western States 45710 45730 45731
policies and programs 9220 9221 18515 62786 70802 79608 87736
Australia 62793
Gt Brit 9235
Italy *59211
preservation 86634 95314 *26895 *36653 *95303
prices 9327 18568 36625 36632 *9320 *95301
Austria *36629
Brazil *36626
control 9322 9323 9324 9330 18562 18573 26860 26863 26865 26871 36625 45707 54654 54655 62856 70869
Austria *26869
Netherlands *18576
Union of South Africa 26868
France *18574
Italy *9328 *9329 *18571 *55946
Netherlands *94585
processed
analysis and composition 45652
Australia 26873
vitamins 47004
processing 9353 26877 36633 36645 62877 *8246 *26895 *36642 *62870 *87751 *87803
equipment 9354 26887 62879
USSR *26878 *26889 *26905 *62859
history 45714
Morocco *18344
North Africa 54659
study and teaching
USSR *36636
USSR *36641 *79754
production goals
Gt Brit 70785
products 9208 9236 54593
analysis and composition *26821 *54600
bacteria 78780
chemistry 26823
Germany *18589
grading and standardization 78780
transportation 36594
public relations 36586 70836
purchasing 61785
quality 9353 32438 44802 45656 45667 92239
Austria *54641
Germany *42318
USSR *36606 *70855
rationing
Gt Brit 88682
refrigeration 9350 36650 54667 79744 *9305 *62876
equipment 9335 *62862
USSR *79759
regulation and inspection 7547 9293 9308 18563 62851 83874 87779 87781 87783 87784 95291 *9301 *26847 *26855 *45698 *83878 *87780
Austria *26555 *45701 *54641

Item

Meat--Cont.
regulation and inspection --cont.
Finland *18553
Germany 9294 26845 62840 92313 *9309 *9313 *18561 *36607 *36608 *36615 *70850 *75899 *94574
Gt Brit 9302 18559 45694
Italy *9296 *9306 *45689 *54645 *54648
Netherlands 36528 36611
Portugal *54649
Union of South Africa 26848
USSR *45693
Uruguay *26853
requirements 9190
research 54604 87698 87716 95234 95239
salting *36659 *36662 *62880
sanitation *26884 *26895 *70780
shrinkage 36566 54644
situation and outlook 9190 9203 18499 18522 26777 26778 26783 36516 45641 62773 62856 70796 70869 *54572
Argentina *7853
Austria *9195
Belgium *87726
Brazil *87734
California 54581
Canada 35657 62789
Chile *18037
France *36534 *54571 *87702 *87733 *95249
French West Africa *36475
Germany *54578
Gt Brit 26787 36494 36495 36610
Italy *18514 *26771 *70797
Philippines 9193
Union of South Africa *87707
Uruguay *70788 *79700
spoilage 26817 54644 *9305
statistics 9374 26909 54684 79769
Germany *45737
Italy *26917
storage 54646
cold 95307
study and teaching
Germany *9176
taxation
France *9883 *54625
tests *95258 *95261
terminology 70882
trade 10948 10952 55817 87774 88986
Australia 28145 62793
Canada 10952
Cuba *67392
Denmark *28132 *55831
France *11002
Germany 55817
Gt Brit 28145
Ireland 55275 96088
Italy *63875
Mexico 96096
Netherlands *87770
transportation *36573
by railroad 36593 36594
Gt Brit 70826
USSR *45693
vitamins 55948
waste 9256 9257 54608 70826 94525
See also Slaughtering; and kinds of meat.
Meat meal 23853 50757
Meat poisoning *9304 *45691 *87780

Item

Mechanics. See Farm shops; and subhead maintenance and repair under Equipment, and names of machines and vehicles.
Mechanitis *61150
Mechanization 1290 6954 6957 6965 6983 9935 12571 13544 17207 17209 17213 17216 17217 17220 17233 17237 17238 17242 17255 17260 17261 17299 25209 25213 25215 25248 25254 25284 25307 34800 34804 37212 43960 43983 43990 43995 44003 44015 52926 52941 52956 52961 53016 53065 57156 61360 61383 66006 69092 69143 69144 86152 86160 86163 86188 86193 94241 *1359 *6953 *6993 *7000 *7062 *7064 *17219 *17226 *17227 *17229 *17235 *17248 *17262 *17289 *18946 *25214 *25217 *25222 *25247 *34727 *34811 *40619 *43955 *44009 *52948 *52970 *52990 *66591 *67881 *69110 *69118 *69128 *78330 *78414 *78660 *86135 *86173 *86182
Africa *34802 *43964 *69119
Alabama 61375
Algeria *78364
Argentina *52921 *52922
Asia 44002
Australia 6970 43978 52927 86174 94234
Austria *6973 *25186 *43959 *61337 *69138 *78340 *86143 *86151 *86159 *86179 *86192
Belgian Congo *44005
Belgium *69075 *78337 *86126 *86150
Brazil *43965 *52954 *69100 *94248
Canada *52935 *78331
Colombia *52965
costs and returns 7006 7009 44007 44011 61356 78356 *25180 *61340 *86247
Germany *25183 *78369 *78370 *86187
Gt Brit 7018 69090
Spain *86169
Czechoslovakia *17234
Denmark *7019 *27405 *52957 *52970
El Salvador 94258
Europe *17256 *69337
Finland *34807
Florida 17247
France 25255 69084 *17211 *17214 *17222 *34748 *34761 *34769 *43954 *43973 *52920 *52978 *61344 *66305 *69085 *69114 *78354 *86144 *88661
French colonies *52975
French Sudan *34779
Germany *6966 *6974 *6976 *6986 *7008 *7014 *25175 *25239 *25305 *34770 *34787 *34793 *43977 *52966 *52968 *52984 *52987 *52996 *55473 *61362 *61377 *61380 *67874 *69073 *69078 *86136 *86153 *86162 *86176 *94263 *94271 *94279
Russian Zone *69098 *86186 *94233 *94259
Gt Brit 7029 10323 17230 25187 25192 25194 25205 25252 34757 43978 52972 69074 69081 69133 86134 *34771 *43980 *44012 *69147 *69148
Scotland 52974 94235
Hawaii 86149

Item

Mechanization--Cont.
history 69134 *34808
California 52958
India 43988 52929 52931 69102 78376
Indonesia *17258 *94250
Israel *94239
Italy *25236 *25238 *25244 *52928 *52955 *61354 *61365 *61379 *69080 *78360
Japan *94272
Madagascar *82099
Malaya 78405 78406
Mexico *7022
mountain areas
Indonesia *25250
Italy *52992
Netherlands *6955 *6978 *7002 *7005 *17224 *43986 *61338 *69148 *78357 *86146 *86178
New Zealand 86174
Niger *94255
North Carolina 17413
Ohio 43982 43985
Philippines 6997 43958 43991 69086 69116
policies and programs
Alabama 17215
Brazil *7024
France *52925
Italy *78348
Southeastern States 78380
Puerto Rico 61376
situation and outlook *17244
France *25182
Italy *7013
Southern Rhodesia 69101
Southern States 18988 27448 52924 69131
Spain *43993 *52947 *69132
Sweden *6995 *6996 *17236 *25240 *34789 *69130
Switzerland *37238 *44010
Tropics 61368 94270
Union of South Africa 61384 94244
USSR *7065 *17298 *25229 *25230 *25234 *25237 *25342 *25369 *34765 *34776 *34803 *34837 *34930 *61339 *61395 *61475 *69153 *69162 *69173 *69272 *86190 *86450 *91422 *94245 *94252
West Indies 37219
Western States 78336
Yugoslavia *86138 *86139
See also Equipment; kinds of equipment; and subhead equipment under specific subjects.
Mechedia *16939
Mecidea 85866
Mecistomela corallina *16559
Mecocorynus loripes *6497
Meconopsis baileyi 21131
Mecynotarsus *77766
Medeterus 16695
Medeterus inspissatus 77827
Medic 13986
seed
harvesting 7105
Medicago arborea. See Tree medic.
Medicago glutinosa *57218
Medicago lupulina. See Black medic.
Medicago sativa. See Alfalfa.
Medical service. See Health.
Medicinal plants. See Drug plants.
Medinilla 56218 56245
Mediolobivia *89369
Mediterranean flour moth. See Ephestia kuhniella.
Mediterranean fruit fly. See Ceratitis capitata.

*Text of this reference is not in English.

Item

Medlar 21203 *20196 *65430
Megachile 6705
Megachilidae *78032
Megalopodidae *52435 *68687
Megalopsidia *60803
Megalopus *52472
Megalopyge opercularis 78156
Megalostomis 16600 *93765
Megalothorax *43901
Megalyridae 16919
Megamelanus 61073
Megapodini n tribe *24792
Megapus *34186 *68592
Megarhinus. See Toxorhynchites.
Megarhyssa lunator. See Megarhyssa macrurus.
Megarhyssa macrurus 6723
Megarthroglossus 86096
Megascelis *52472
Megaselia 85720 *6512
Megaselia meconicera 16741
Megaselia scalaris 34388
Megasoma 43426
Megastigmus 78026
Megastigmus spermotrophus 78026 *25012
Megathymus yuccae 43784
Megatoma *85650
Megistops 85616 *77662
Megodontus violaceus *6479
Mehta K 11267
Meier K I *64034
Meigen J W 68720 77894
Meilichius 24778
Meinicke test *50818
Meiosis 20191 *47807
insects 61042 77969 89833 *34652 *69005
plants 47776 56593 64624 81414 89949 *12390 *29150 *38957 *39220 *47754 *47833 *47838 *47841 *47995 *56745 *56875
Melampsora lini 400 11777 56539 *64435
Melampsora oblonga 28832
Melampsora pinitorqua *38711
Melampyrum arvense *132
Melanagromyza phaseoli *52586
Melanagromyza similis *52586
Melanargia galathea 61254
Melanconiales 11611
Melanconiopsis *72490
Melanconium fuligineum 29416 39194
Melandrium 47775
Melandrium album *20359
Melandrium dioicum 12111
Melandrium triflorum 154
Melandryidae *85315
Melanin 32301
Melanism *78122 *78191
Melanoplus bivittatus 43895 61259 69004
Melanoplus differentialis 25086 25106 34350 34651 34675 34676 78217
and plant disease 12037 81350
control 52854 61259
Melanoplus femur-rubrum 78216
Melanoplus mexicanus mexicanus 6881 61259 61279 *17115
Melanose
citrus 38755 38760 *64492
cattle *4701
grapes *81660
Melanoma
dogs 92760
Melanospora damnosa *701
Melanospora stysanophora *64434
Melanotus caudex *85703 *93821

Item

Melanoxanthus 60885
Melanoxylon brauna gum *14952
Melasis buprestoides *77763
Melasoma populi *94075
Melasoma tremula *94075
Melastomataceae 38446 *47247
Melba 93746
Melia *61277
Melia azadirachta *41058
oil 70957
Melia azedarach *49296 *83301
Meliaceae 64222
Meliana flammea *85937
Melica *89344
Meligethes 16549 *16531 *24732 *52443
Meligethes aeneus *68679 *77371 *85617
Melilotus. See Sweetclover.
Melilotus parviflora 72717
Melinaea *61150
Melinia *6564
Melinis minutiflora 57184 *85088
Melioidosis 65899 76985 85118
Meliola 28674 38528 *64293
Meliolaceae 28674
Meliosma *89300
Melipona quadrifasciata *34532
Meliponidae 6729
Melissopus latiferreanus 52773
Melissotarsus 61143
Melitaea chalcedona 43816
Melitaea cinxia *6762
Melitaea desfontainii *68964
Melitaea orientalis *68964
Melitonoma *34272
Melittobia *6736
Melliera brevipes 43890
Mellinus arvensis 61106
Mellophagus ovinus *34343
Mellorine 62249 78979
Melochia corchorifolia 89860
Meloe *60865
Meloe variegatus *52470
Meloidae *60865 *93784
Meloidogyne 47675 72904 81354
Meloidogyne hapla 64582 72888 89752
Meloidogyne incognita 81362
Melolontha
control *34299 *68667
France *68635 *68637
Germany *6435 *6475 *52432 *52476
USSR *60841 *77749
Italy *77775
Poland *85669
USSR *93740
Melolontha hippocastani *52411 *85625
Melolontha melolontha *6442 *34285 *60872 *77670
control 24783 *6418 *6424 *6441 *16561 *16654 *23275 *34981 *60824 *60881 *68692 *85646 *93759 *93795 *93803
Austria *77701 *77770
France *16534 *16620 *60860 *85677
Germany *16594 *52461 *52462 *83782 *93814
Switzerland *77729
predators *60840
Melomastia *72490
Melon fly. See Dacus cucurbitae.
Melons
culture 21251 *82534
Gt Brit 13472
Israel *82486 *90926

Item

Melons--Cont.
Netherlands *13449
Norway *74193
USSR *49200 *57345 *57838
diseases
Arizona 56606
USSR *38714
feed *49200
USSR *65177
marketing 8702
packing 70609
pests 6509 77244 77635 *94000
pollination 93620
situation and outlook 70496 79344
seeds
USSR *2186
statistics 95151
USSR *30436
varieties 8702 *65817
See also kinds of melons.
Melonworm. See Diaphania hyalinata.
Melophagus ovinus 34200 60939 61307
control 34178 77910
Melosira baicalensis *81728
Melothria 12152
Membracidae 6665 69046 77940 77955 *43689
Membracixenos n g 69046
Memecylon heyneanum 47786
Menabea venenata *64883
Mendel G 23166
Mendel's law 41663 59159 *11214 *12218
Mendocino National Forest 3284
Meneghetti F 77887 *85773
Menesida *6420 *52489
Meningoencephalitis *16093 *33036
Menioporus *6411
Menispermaceae 19827
Menisporopsis 38528
Men's Garden Clubs of America 13297 57783
Men's Garden Club of Los Angeles 65292
Mentha 91108
acreage and area 79829
biochemistry *90155
culture 2485
diseases 404 72732
oil *87890 *87891
varieties *87890
Mentha piperita
anatomy and physiology 58014 *821
breeding
U S S R *84377
culture 58014 *21435
Argentina *40326
France *2473
diseases 11652
Oregon 72562
pests 60844
Wisconsin 58013
Mentha pulegium 21436
Mentha viridis 11909
Menyanthes trifoliata 12488
Meotica *52446
Mepacrine 51658
Merceya serratinervis *212
Merchants' Exchange of St Louis 36403
Merck test *70152
Merckojod *24149
Mercuric chloride 52559 92023 *48093
Mercurochrome 75733 *72595
Mercury 11809 *4682 *51265
Mercury compounds 14909 47613 47999 *3700 *69019

Item

Mercury compounds--Cont.
effects on plants *1045 *29358
fungicides 28941 89652 *11749 *28873 *28951 *89508
hazards and safeguards 11617
residues 79436
Mercury-vapor lamps 64825
Meria laricis 28881
Merian M S *72216
Meridarchis 52770
Meringis 6924
Merista 77676
Meristomeringina n g 52538
Meroncidius intermedius 6872
Merulius 250
Merulius lacrymans 28831 31975
Mesa Bernal D *86600
Mesathemistus n g 93778
Mesechthistatus n g 93778
Mesembryanthemaceae. See Aizoaceae.
Mesene *61256
Mesites 52460
Mesobius n g 85554
Mesoblaberus n g *61274
Mesobotrys 19882
Mesobuthus confucius *43407
Mesocerocoma. See Cerocoma (Mesocerocoma).
Mesogramma *43507
Meso-inositol 73092 *12353
Mesoleiini 52699
Mesopathusa n g *85773
Mesosemia *61256
Mesotettix n g *34648
Mespilus. See Medlar.
Mesquite. See Prosopis.
Messala *52556
Messeis 52628
Mesta. See Kenaf Hibiscus.
Mestogaster *77727 *85647
Metabolism. See under Insects; Livestock and names of animals; Plants; and subhead anatomy and physiology under names of insects and plants.
Metabolites 52606
Metacerocoma. See Cerocoma (Metacerocoma).
Metaclythia n g 43522
Metagonocoelius *52345
Metahindola n g *16843
Metajapyx subterraneus 16518
Metalimnophila 68719
Metallea *6556
Metalloscopy *15422
Metals 17959 70272 *8307 *8322 *44926 *86446
toxicity
livestock 4037
See also Containers, metal.
Metaphidippus *68622
Metaphosphates 54596
Metaphosphoric acid *18586
Metaphradmon n g 52628
Metaphycus *6736
Metapterus *77995
Metasequoia 80873 89879 *20 *700 *72990
Metasequoia glyptostroboides 73260 *71
Metasocratea *72376
Metasphaeria 72487
Metastyla *77662
Metasyrphus *43507
Metatetranychus 68620
Metatetranychus ulmi. See Paratetranychus pilosus.
Metatropis rufescens linnaeae *6692
Metavononoides *68596
Metaxenia 20222 90122
Metaxenus *52484

*Text of this reference is not in English.

Item

Meteorology 38290 58086 *14666 *19694 *20808 *56084 *72231 *77792 *80819 *80820 *96233
France *56089
Germany *64075
Gt Brit 20821
India 38278
Japan *19703
Massachusetts 11297 19696 47104 56086 64076 80809
Norway *20302
Philippines 89149
U S S R *32463
Uruguay *80813
See also Climate and weather.
Meteorus *16898
Methane 17433 44220 69497 78682 *25563 *40973 *61274 *69487
effects on plants *89948
fertilizers *31244 *40933
utilization 78675
waste water *49920 *83759
See also Manure gas.
Methanol 14994 *35514
determination *7455
disinfectant 59327
in cider *78892
in wine *44653 *61908 *69767 *94633
Methionine
determination *53423
in animal nutrition 32242
in animal physiology 5656
in butter *8011
in cattle nutrition 59638 92543
in feed 83733
in food *53419
in milk *44809 *8010
in plants 12461 66218 81776
in poultry nutrition 5236 5271 5273 23804 23838 23860 23867 23886 23887 33196 42580 42619 76726 76747 92973 *23796
in sheep nutrition 85077
in swine nutrition 5764 60477 85195 85197
in soils *74446
toxicity 32242
Methneria 60848
Methorius *77727
Methoxone 40275 57939 57952 81668 82577 90993 *30543 *57934
application 82559
effects on plants 12298 64782 66004 81523 82593 *29347 *30600 *56868 *90026
in soils 74444
Methoxone sodium salts *29420
Methoxy-p-benzoquinone 70705
Methoxy bisdehydro diosynolic acid 33277
Methoxychlor 16288 78135
determination 35677
fly control 16723 52501 52522
fruit pest control 52494
residues 8095 35677 43257 59551
toxicity 16259
vegetable pest control *68443
Methoxyl 84213
Methoxyl carbon 64876
Methyl alcohol. See Methanol.
Methyl bromate *78042
Methyl bromide 8861 85464 *81356
effects on plants 89528 *29259
disinfectant 59327
fumigants *24384
herbicides 13547 13591 21373 40291

Item

2-Methyl-4 chlorophenoxyacetic acid. See Methoxone.
Methyl esters 26953 36750 87853
Methyl ethyl parathion 52168
Methyl eugenol 68781
Methyl linoleate hydroperoxide 71012
2-Methyl-4-naphthoquinone *92277
Methyl parathion 52168
n-Methyl-n-phenyl glycine hydrochloride
effects on plants *29216 *64714
n-Methyl-n-phenyl glycocol chlorhydrate. See n-Methyl-n-phenyl glycine hydrochloride.
Methyl sulfate *15191
Methylamphetamine 92739
Methylcholanthrene 51513 52512
Methylene blue
ice cream test 17869
meat test *62814
milk test *7960 *7995 *7996 *44803 *70009
Methylene glutamine 79788
Methylthiouracil
effects on cattle *15375
effects on geese *84824
effects on poultry *84824
effects on swine *16083
in poultry physiology *42639
Metioche 6842
Metiochodes 6842
Metol *25616
Metopina oligoneura *77898
Metriocampa (Natalocampa) *6903
Metriocnemus *52554
Metriona 16627
Metriona thais *93820
Metritis
cats 92751
cattle 4576 4656 4726 15411 42132 *4593 *76377 *92632
horses 76637
Mettenia *56189
Metzger C *19633
Metzky W *80780
Metzneria *61189 *85956
Mexican bean beetle. See Epilachna varivestis.
Mexican fruit fly. See Anastrepha ludens.
Mexicans in the U S 46176 46177 55108 55126 88279 88304 *95661
Mexico Secretaría de Agricultura y Ganadería *19613 *28260
Oficina de Estudios Especiales *47353
Mexico Serv de Prevención y Combate de Incendios *14670
Mexico Serv Forestal *41061
Mexigaster n g 93746
Mexiplectus 93746
Meyrick E 52770 *17101
Mezium 52460
Miana ophiogramma *61241
Mica 93329
Micaria 34184 *24685
Miccotrogus *16641
Mice 56442 *19612 *60000
and disease 52387
as pests *38568 *50362 *52288
control 296 11213 11659 19912 28782 38193 47397 56393 60608 63962 64004 *315 *11688 *19936 *28740 *47024 *55990

Item

Mice--Cont.
control--cont.
Austria *47016
France *28258
Germany *11165 *19924 *89477
Netherlands *66983 *96182
Germany *11670 *19913 *81976
pests
control 34172
Michaelmas daisy. See Aster.
Michauxia campanuloides 13150
Michigan Agricultural Experiment Station
report 72165
Michigan Cherry Commission 62517
Michigan Dept of Agriculture 11187
Michigan Milk Producers Association 17904 26055 26056
Michigan Potato Growers Exchange 18255
Michigan State Board of Agriculture 72165
Michigan State College of Agriculture and Applied Science 32498 45022
Michigan State Horticultural Society 57418
Michigan University
Museum of Zoology
Division of insects 85325
Michurin I V 56923 *761 *15038 *19903 *22772 *28253 *29141 *32408 *41185 *60517 *63994 *64657 *73060 *80727 *91711 *91751 *91770
Micrandra 81022
Micrargera *114
Micrasterias 47323 89431
Micrathyria hippolyte *94201
Micrisotoma n g 86073
Microanalysis 69559 69560 69565
Microbiology 26592 44665 61849 69564 87048 *4130 *7472 *29475 *35396 *79014
bibliographies *7449
conferences and congresses
Italy *19609
U S S R *56734 *56735 *80724
research 35463
Switzerland *38160
See also Microorganisms.
Microbotryodiplodia n g *72471
Microbracon. See Bracon.
Microbuthus fagei *43407
Microcalorimeter 81659
Microcerotermes 52885
Microclimate 12098 66106 *23065 *58076 *64727 *89930 *93586
Argentina *56642
effects on plants *12454
Sweden *38866
Micrococcaceae 13811
Micrococcus 23089 27039 79031
Micrococcus halodenitrificans 56906 56907
Micrococcus populi *38781
Micrococcus pyogenes aureus 35753 42213 53559 64793 *67633
Microcollybia n g *89460
Microcorthylus *43472
Microculex. See Culex (Microculex).
Microcymatura n g 93778
Microcymbolus n g *43467
Microcystis aeruginosa 29264
Microdaceton 61143

Item

Microdipnus *52400
Microdynamometer *87188
Microfilaria 75930
Microfilm 10288
Microgaster *6736
Microgastrinae *6736
Microgoniella n g *24951
Micrography
electron 34688
Microgyas n g *68622
Microlepidoptera 6791 43804 52786 68933
Austria *78132
collecting and preserving 68950 *85957 *94084
Gt Brit 85968
Canada 78128
collections *78194
Czechoslovakia *43812
food and host plants 6823
Gt Brit 17011 17012 43820 52752 61199 78124 78155
Hungary *85956
Iran *16939
Java 61180
rearing and breeding 34589
Sweden *78064 *78185
Syria *78058
types *17099
Yugoslavia *85932
Microlestes *6410 *85648
Microlichus 93693
Microlycus 34508
Micromeria
oil *45806 *87888
Micrometers *67641
Micromonospora 28402 *72319
Micromonospora vulgaris 66198
Micromphale 19870
Micromycetes *11586 *72492
Micromyini 68764
Micronaire 8586 62438
Micronecta 43634
Microopsis n g 68644
Microorganisms *28422 *64158 *64848
anatomy and physiology *56880
cultures 64142 80896
food synthesis *69714
genetics 23156 47816 *56734 *56735
in animal physiology 41826
in food 35229
in plant nutrition *81606
in soils *91229
Tropics *20407
See also names of organisms; and under specific subjects.
Microphilonotis n g 211
Microphones 78289
Microplitis demolitor 43720
Micropsectra *52554
Micropterygidae 34574
Micropteryx *61220 *85932
Microsana *93947
Microscita. See Microgoniella (Microscita).
Microscopy 19611 20181 26337 28450 49918 51255 *7840 *18227 *32155 *54426 *56687 *62665 *70201 *70352 *70361 *72462 *79318 *93319
electron 569 4580 12158 12169 20168 23966 29137 33297 33330 38815 38927 38943 45166 47665 51271 59997 64006 64304 68039 70432 72458 72823 81435 84902 85027 89732 91192 94161 *7979 *8424 *20102 *21509 *25992 *28656 *36090 *44425 *47768 *59342 *70353 *70409 *73179 *73268 *82716 *86914

*Text of this reference is not in English.

Item

Microscopy--Cont.
fluorescent 44815 89435 *15466 *41777 *67356 *69987 *92579
Microsphaera alphitoides *81276
Microsphaera quercina *81267
Microsporum canis *15571
Microsporum felineum *84549
Microstemma *85869
Microstroma 11784
Microsyagrus n g *77767
Microterys *6736
Microthelyphonida *6904
Microthyriaceae 28665
Microthyriella *242
Microthyrium culmigenum 11612
Microtragoides n g 93778
Microvelia 16820 24922 43634 43647 43659 *68843
Midland Cooperative Wholesale 10868
Midol-Tio *85359
Mid-State Golf Soil-Judging Tournament 21547
Midwest Barley Improvement Association 48306
Migration. See Land settlement and colonization; under Insects; Population; and subhead migratory under Apiculture; Labor.
Mikhin N A *47048
Mikiola fagi *81425
Milano Associazione Granaria *87633
Milano Camera di Commercio *69602
Milchwerk München-Ost *69953
Milchwirtschaftliche Lehr-und Untersuchungsanstalt Hameln/Weser *69965
Milchwirtschaftliche Lehr-und Untersuchungsanstalt Malente *8214
Mildew
apples 89524 *89608
citrus *20043
cucumbers *28892
fruit 47582
grapes *8936 *17723 *28868 *47537 *81280
onions 38717
ornamental plants *47574
potatoes *28892 *81265
red clover 408
tomatoes *421
wool *94111
See also kinds of mildews and names of causal organisms.
Milk 7890 31188 44786 47990 53721 *25949 *25952 *35666 *62050 *62221 *86895
acidity 26070 *8279 *79036 *94747
adulteration 62081 69999 *62063
France *62156
advertising 8054 8057 26035 70086 86952 *86969
Canada 35729
Germany *44856 *62126 *70076 *79079 *86960 *86972 *94781
analysis and composition 7959 7993 8007 8230 11115 15510 17898 19565 23287 25996 35677 35700 44793 44835 53757 53788 53796 55891 62057 62081 62086 67597 69986 69999 76163 76266 76430 78996 78997—78999 79010 79041 84325 86912 86932 92649 92694 *4762 *7967 *7969

Item

Milk--Cont.
analysis and composition --cont.
*7979 *7981 *7997 *7999 *8004 *8018 *15457 *17886 *23212 *23227 *23246 *25983 *25984 *25992 *26000 *26004 *26016 *26017 *35684 *35699 *42085 *44809 *44814 *44815 *44821 *44831 *53761 *53775 *53780 *53787 *53797 *53918 *62076 *62164 *67778 *69980 *70003 *70026 *76478 *79021 *79063 *86905 *86909 *86914 *86297 *94768
Canada 70006
Germany *35701 *69988 *69997 *79043
Russian Zone *53772
Italy *70005
Netherlands *25994 *70022 *79014
Norway *62064 *92690 *94762
Sweden *76082
U S S R *67540
Yugoslavia *94751
and disease 15595 17935 35753 44911 44921 53878 84369 *4727 *7969 *8148 *15447 *17930 *32797 *35699 *35752 *35759 *35770 *42227 *44892 *53887 *62149 *67658 *70115 *70116 *76378 *84328 *94810
Gt Brit 44907
Italy *70112
Massachusetts 8104 8110 8127
bacteria 7965 7982 7992 8005 8015 8016 17870 17887 17890 17897 17900 25974 44999 53770 53799 53846 53879 62263 70020 70027 70109 78780 78987 79031 79051 86924 86934 86984 94816 96152 *4663 *8129 *8147 *8201 *17880 *17886 *26001 *35671 *35689 *35695 *35701 *35764 *44811 *50743 *53798 *62080 *62092 *69380 *69981 *70000 *70025 *70030 *70031 *70209 *76255 *76401 *79017 *79018 *86927 *87024 *94771
bottling *8156
Brazil *94886
canned 53952 *26255
U S S R *26073 *26212 *26224 *62192
vitamins *94748
canning 8310 45040 45041 45057 62262
care and handling 8223 8224 17903 17960 18003 26074 26143 53770 53829 53833 53841 53847 53921 53950 53953 54017 62208 62250 70196 70197 79133 86197 94846 94864 *8209 *26016 *45007 *53917 *62122 *70284 *86982 *92686
California 44867
equipment 8293 17285 26162 34927 35748 35804 62099 62251 79126 *94828
Germany *53848
Norway *94841
Union of South Africa 79176
chemistry 17888 25995 35680 86919 *17877 *25977 *35693 *44823 *53760 *53761 *79046 *86922 *94749
chocolate 25899 53938 94759 *38146 *53948 *62198
manufacture *26246
marketing 53809

Item

Milk--Cont.
clarification 26147 26148 26211 45034 54010 70278
coagulation *62243 *62266 *62267
collecting 8051 *8209 *26037 *26047
Colombia *53731
color 70123 *53853
compulsory deliveries
Germany *69996
U S S R *44878
concentrated 8258 8294 26029 35809 45000 45024 45029 53988 62182 70192 70204 70205 79134
Brazil *8291
consumer preferences 26023
keeping quality 44894
marketing 45024 62098 70072
nutritive value 80694
properties 35682
situation and outlook 35743 45029
condensed and evaporated 28168 79147 *79123
Alaska 8023
analysis and composition 53993 79006 *8006 *44794 *44830
Australia 35868
bacteria 17891
chemistry 53764
color 79034
cooling *44976
grading and standardization *44934
history *26188
industry 44986
manufacture *53926
India 62246
U S S R *45032 *45065 *45066 *94837
moisture *86928
nutritive value *80694 *89035
properties 17899 62078
situation and outlook
Canada 70216
Spain *45046
storage 17899 53993 79006
trade
Canada 19465
Malaya 19465
U S S R *26089 *26238
consumption 8028 35702 35708 44837 *26024 *35709 *35733 *38116
Alabama 86898
Brazil *8030
Colombia *7910
Cuba *84154
Finland *62113
Germany *8032 *8033 *26109 *45074 *62095 *87895 *94772
Gt Brit 26022
Italy *86939
Norway *44874
Spain *8024
Sweden *35642 *53801
containers 8154 8157 26119 26123 44875 53794 53889 53892 53893 70151 79113 79126 87028 87031 94821 *8159 *53972 *62111 *62158 *70148 *70153 *70154 *70158 *79110 *87023 *94820 *94822
Austria *35776 *44940
care and handling 8293
France *8153
Germany *70150 *87022
sanitation 44123 53896

Item

Milk--Cont.
containers--cont.
sanitation--cont.
62210 69174 70229 93851 *70149 *70152 *70156 *87024 *87027
equipment 61394 *69171
France *44941
Norway *94273
contamination 7991 8095 8099 8122 8123 17965 25981 26094 35677 53865 53875 53879 62140 70135 86990 94799 *26075 *67598 *70125 *87011 *87018 *94273
New York 79093 86992
Sweden *79109
cookery 89026
cooling 17436 17897 17989 26245 26253 35695 45000 53799 53953 70057 70231 70252 79051 94857 *7161 *8228 *26201 *26238 *35858 *53972 *70220 *70239 *70258 *79151
equipment 17375 34937 53892 61396 61478 86289 *8189 *8217 *8298 *53965 *62186 *62222 *79136
Germany *70240
cooperatives 53808
India 8064 26031
Michigan 26056
New England 26032
costs and returns 8044 12765 19162 19166 32657 42035 44952 46467 71633 87033 88552 88581 88588 94438 *88590
Australia 19172
Austria *46499
Brazil *27739 *35792 *63583
Canada 71620 *55484
France *88587
Germany *10423 *37600 *46478 *46509 *55479 *55480 *55485 *55493 *71648 *71660 *80341 *88592 *88598
Gt Brit 10401 10411 10427 19165 27717 27734 27752 37608 46468 55456 69659 71640 71641 71642 71661 80347 88559 88583 88586 95850
Scotland 19183 27743 37615 88589
Wales 10413 63586
India 19175 94793
Italy *10369 *37571 *71618
Japan *10393
New Mexico 95868
New York 26063 37584 63558 63580 63581
Northern Ireland 88585
Norway *10420 *46458
Pennsylvania 88551
Sweden *10386 *10394 *37591
Union of South Africa 19177 27726 95878
dating 86962
dehydrofreezing 44816
delivery 8168 8175 70053 70066 70099
costs 8053 70090 79083 *26045
Ohio 44850
distribution 53818
dried 8327 9453 17987 18001 62187 79124 *9166
analysis and composition 7963 69979 78990 86903 86938 *53790 *70146 *70147
bacteria 35697
Canada 70215
canning 8188

*Text of this reference is not in English.

Item

Milk--Cont.
dried--cont.
chemistry 7963
conferences and congresses 70178
consumption 8031 70035 79056
contamination 86903
determination *44426
feed 23853
feed for bees *52289
grading and standardization *8143 *44934
Canada *53854
Gt Brit 44789
keeping quality 79087 94845 *70146 *70147
marketing 8070 70047
moisture 7963
nutritive value 80694
packing 53895 70084 70085
prices 70175
properties 17879 78990 79145
proteins 17879
reconstitution 17992 70250 70288 87124 *70194
situation and outlook 70217 70222 79168
Canada 70216
stabilizers 17879
statistics 70187
trade
Canada 19465
Malaya 19465
utilization 70036 70037 70219 79054 79159 *17955 *70253
drying 8188 8324 17966 45010 62191 79145 94845 *8292 *35812 *79123
costs
Germany *87062
equipment 18002
U S S R *26214
India 62246
Netherlands *8333 *89626
U S S R *53926
enzymes 35683 86919 *26011 *35827 *69998
equipment 86478 *78399
sanitation *53106
fat 4390 4757 7968 15501 18016 23145 25993 26259 41992 42288 51086 53003 53770 53788 62260 67348 67722 69885 70024 70278 71620 76178 76439 76475 86912 86935 92627 *4340 *4364 *4450 *7973 *17885 *17896 *23121 *23129 *23436 *23439 *32550 *32599 *32793 *35766 *41990 *44138 *45038 *51016 *51017 *51341 *53780 *59485 *67557 *76133 *76142 *76209 *76478 *79012 *79013 *87067 *92507 *92556 *94280
accounting 53701
acidity 44903
analysis and composition 7976 26009 44799 79007 *94752
chemistry 8009 15409 25988 35679 62060 70021 86931 *79036
determination *86933
dried 8330 *70194
Germany *4830 *8014 *8115 *17901 *67747 *69988 *69997
Russian Zone *53772
*84219
Netherlands *53786 *86926
North Dakota 44858

Item

Milk--Cont.
fat--cont.
Norway *8096 *62064 *76135 *79063 *92491 *94745 *94797
nutritive value 79117 80679 80680
oxidation 7998 35772
Peru *86917
prices 8167 79117
processing 62242
quality 44903
situation and outlook 86828 86830
spoilage *35763
Sweden *42312
tests 7998 8001 44834 53765 53792 53794 59778 62058 62072 69990 69991 70029 79040 86929 *7961 *25968 *25980 *26006 *26014 *35672 *62074 *70004 *79023 *86902 *86916 *94760
equipment *62074
U S S R *35673 *35674 *35696 *84482
U S S R *23446 *32478 *32846 *44904 *92700
utilization 8027
vitamins 17867 51120
feed 59552 76154 84206 *3965 *4453 *23196 *33562 *33571 *50786 *51685 *59994 *84169 *84236 *85194
Germany *71648
fermentation *17991 *18005 *25998 *62183 *69998 *70277 *87007
fermented 53720 62238 70224 *7896 *18011 *25999 *53998 *62183 *70241 *86838 *87105
flavor and odor 8106 17888 17947 44910 44913 44915 53879 59596 76204 76228 86988 86990 94799 94802 *25977
folklore *86883
for processing
Germany *70169
fortified 11108 28211 28244 94757 *53947 *55928 *96161
feed *42073
flavor and odor 70144
Germany *70257
keeping quality 70144
Sweden *86958
France *8129
freezing 44894 79125 *8186 *8218 *44963 *87042 *87051
U S S R *53926
frozen 70204 70205 *8281 *26146 *87084
chemistry 79125
flavor and odor 8271
keeping quality 53851
storage 8271 70185
Germany *26001
grading and standardization 8103 8112 8133 35764 35793 44918 44936 44954 44959 53852 53877 53911 62152 62169 70109 70278 78780 86978 *23437 *35766 *44930 *86996 *94809 *94811
Balearic Islands *53883
Brazil *63583 *87008
France *8119 *8134 *87017
Germany *8142 *53884 *70121 *78097 *94813
Gt Brit 86984
India 62136
Italy *44933
Massachusetts 53902
Netherlands *53786

Item

Milk--Cont.
grading and standardization --cont.
New York 35791 62165
Norway *8096 *70105 *94797
Oregon 26077 79088
Rhode Island 44908
U S S R *44904
Vermont 53856
Washington 70159
history 7859 7943 *53775
Gt Brit 25964
homogenization 17965 54008 62272 62273 *26230 *53916 *54003 *70158 *70244 *79123
equipment *87122 *94882
Germany *70257 *70287
homogenized *28204 *53947 *94883
analysis and composition 25981 78996
care and handling 54009
consumption *44839
feed *42073
flavor and odor 62273
keeping quality 53851
oxidation *53882
properties 62273
proteins 17893
Sweden *86958
tests 17874 79052
hydrogen-ion concentration 25969 76178 *44831 *62076 *69996 *79004 *79029
in literature *86883
India 17889
Ireland 44783
irradiated 26164 *8324 *63937
keeping quality 8106 26110 44894 62157 79005 87021
legal aspects 70135
legislation 4093
Brazil *35654
Germany *8094
India 25921
marketing 8038 8040 8044 8059 17905 17926 17935 26048 26085 35741 44863 44868 44875 44879 44880 53846 62101 62103 62132 62161 70041 70046 70050 70078 79059 79069 79085 86949 86971 86975 94782 *35733 *53805 *62122 *70097 *86943
Australia 94789
Austria *17911 *26052 *86963
Brazil *35734 *53832 *86964
Canada 35717 44881 44901 79084 *44842 *62120 *69879
Connecticut 26036
costs 8052 17910 62170 62171 94785
Maine 35719
Oregon 44869
Denmark *8083
Florida 26029
France *8086 *87006
Germany 8092 *8050 *8077 *8088 *17917 *17918 *17920 *26040 *26066 *44859 *44865 *44866 *44886 *53827 *53845 *53848 *62013 *62105 *62107 *62112 *69967 *70055 *70058 *70073 *70088 *70101 *70103 *79062 *79073 *79077 *79081 *86957 *86966 *86973 *87015 *94781
Gt Brit 53698 53813 70060 76427 79071
Guatemala *53803

Item

Milk--Cont.
marketing--cont.
Illinois 62121
Iowa 17912 70065
Italy 44844 *86941
legal aspects
Gt Brit 26030
legislation 17908
Missouri 94783
Netherlands *35749 *35750 *78986
New Hampshire 70043
New York 8066 8132 26063 26065 53844
New Zealand 26059
North Dakota 44858
Northern Ireland 9260 94792
Norway *44874 *79013
Ohio 8071 17913
Pennsylvania 35730
Sicily 44844
South Carolina 94787
Southern States 53702 62011
Sweden *17907 *44888 *53805 *86958
Switzerland *70045 *86572 *94776
U S S R *44885 *44979 *62123
Utah 62096
Wisconsin 53849 *62124
microorganisms 79005 *8004 *25973 *35694
Netherlands 7971 *94744
New Zealand 11115
nutritive value 11103 11127 17933 28193 28213 28241 38122 44947 49489 55922 55931 55953 72089 72104 79119 80701 86952 96132 96152 *11064 *11104 *11145 *25982 *28204 *28233 *38124 *38146 *63949 *72092 *72148 *86055 *89068
oxidation 8106 44910 44915 *51112 *53882 *59771 *67559
pasteurization 8203 18013 26216 35801 35814 44918 79009 79180 87096 *8302 *8319 *17868 *18000 *18012 *26171 *26231 *35691 *35831 *35860 *44981 *45039 *45051 *45064 *53967 *53984 *62269 *62270 *70276 *79105 *87079 *94755
Belgium *18015
Denmark *26084
equipment 25365 26251 70271 78495 *26198 *26241 *26244 *35829 *35838 *45070 *79163 *94866
Denmark *44116 *69260
U S S R *44983 *62228
Germany *26140 *55919 *86980 *86981
home 8206 62244
legislation *70131
New York 62261
New Zealand 35698
Portugal *35846
research *35848
study and teaching 44965 87093
pasteurized 79091 87055 *8215 *26207
analysis and composition 53796
bacteria 7971 17864 17875 53771 53782 *7970 *86918 *86936
contamination 8116
hydrogen-ion concentration *70015

*Text of this reference is not in English.

Item

Milk--Cont.
pasteurized--cont.
keeping quality 79100 *7960 *7970
Michigan 92590
microorganisms *94755
oxidation *53882
quality *8093
tests 7991 25974 35692 35698 53768 79009 *94765
equipment *35691
policies and programs 62166
Austria *86862
Brazil *7934
California 69913
France *44780
Germany *62104
Italy *69960
Japan 11020
U S S R *44878 *94730
Portugal *62048
preservation 17898 54014 62263 *8196 *8231 *17996 *53918
Norway *94762
Sweden *62184
prices 8044 8162 8167 8168 8175 8180 8182 10422 26128 26130 25703 35702 35721 35783 35793 42256 44936 44943 44947 44949 44954 44959 53898 53910 53911 62161 62166 62169 62170 62171 79116 79118 79119 87033 *8163 *35788 *35794 *44955 *53906 *62164
Austria *44956
Brazil *35792 *53901 *53903 *62168
California 26256
Canada 44951 62163 94826 *35789 *87032
control 8169 8171 17948 17950 17951 17954 44952 53905 53909 62160 62175 70160 70171 70176 87036 87038 87039 94825
Austria *87040
California 94876
France *44946
Germany *8173 *70170
New England 8181
Uruguay *8176
Vermont 70174
Europe *17949
France *26127 *35780 *53900 *53908 *70165
Germany *8142 *8166 *8174 *17953 *26131 *26132 *35787 *44887 *44944 *44945 *44950 *62159 *62162 *62167 *70058 *70121 *70161 *70162 *70163 *70168 *70169 *70868 *79081 *79097 *87037 *88592 *94823
Gt Brit 25996
Illinois 44953
Italy *32665
Massachusetts 35781 53902
Netherlands *35749 *35750 *70164 *78986 *94585
New Hampshire 70043
New York 8179 17952 35791 62165
Norway *8170 *26129 *35786 *94824
Sweden *8164
Switzerland *62172
Washington 26126 70159
Wisconsin 8165
processed 17977 *44989
analysis and composition *53762
flavor and odor 53880

Milk--Cont.
processed--cont.
Germany *70268
grading and standardization *86999 *87002
keeping quality 53850
nutritive value 26232 38122
tests *35692
processing 8311 17935 18016 26205 26239 53913 53915 53968 54019 62078 79150 79172 *8246 *8279 *8289 *8323 *26225 *62185 *70247
cooperatives 17994
costs 45052
Canada 8299
equipment 8187 17993 26206 45031 70192 94357 *44994 *62186 *62279 *67644 *70956
U S S R *45026
Germany *70126 *70266
Netherlands 70202 70264
Switzerland *86572
U S S R *45038
production quotas
U S S R *26255
properties 17889 17995 26018 44816 53763 62060 62090 76191 *44932 *53760 *53761 *53766 *53787 *62063 *70008 *86930 *94749
U S S R *94750
proteins 7968 8007 8106 17893 25969 53755 53788 69985 78996 78997 79010 79055 80686 86912 94802 *7980 *8164 *17569 *26010 *44810 *44830 *76209
digestibility *55939
utilization 70040
public relations 17913 53820 62114 70091 70102 79072 *8085 *70063 *86942
Canada 86951 *79061 *94780
France *79076
Germany *8087 *70052 *70071 *70073 *79070
Italy *44843
quality 4765 8125 8133 8139 8180 15318 17933 23271 23412 25703 26074 26092 35756 35767 35798 51322 53859 62148 62208 70108 71646 76431 79068 92389 92560 *7967 *8000 *8107 *8108 *8128 *8141 *8147 *8200 *8209 *35688 *35788 *35794 *42063 *44924 *44925 *44955 *53906 *59457 *59555 *59752 *61406 *67697 *69995 *76428 *79102 *79182 *84488 *86982
Australia 70106
Canada *7927 *8111 *69879
Denmark 26101
Finland *25470 *32646
France *70165 *87006
Germany *8115 *8142 *17938 *23390 *26088 *35758 *42318 *44944 *44950 *53827 *62133 *62159 *70101 *70114 *70128 *79062 *79090 *79094 *79099 *86973 *87015 *94704
Gt Brit 25996 26076 86985 94796 96152 *53869 *70122
Scotland 62134
India 94793
Italy *44927
Netherlands *70164
Norway *8093 *92711 *94814

Milk--Cont.
quality--cont.
Sweden *26112 *70138 *84181
Switzerland *35757 *62172
Union of South Africa 26070
U S S R *26047 *26069 *26073 *26099 *26106 *44975
rationing
Gt Brit 8178
refrigeration 8268 35826 44803 86934 *53980 *53986 *70239 *87078
Belgium *71521
equipment 45019 *35800 *35806
regulation and inspection 8105 8123 17945 26085 35294 35747 35783 44929 53861 53864 53870 62146 70098 70108 79066 79067 79107 83817 86971 86998 87009 87784 *70131 *79105
Argentina *23450 *70120
California 70113
Canada 44901
Denmark *26084
Finland *44899
France *8144 *62156 *87016
Germany 8092 *4663 *8077 *17942 *26086 *44917 *44923 *53884 *62153 *70117 *70126 *70132 *70143 *86980 *86981 *94804 *94808
Gt Brit 26076 44907 53863 *44819 *53869
Scotland 62134
Indiana 44896
Italy *8109 *17939 *53868 *79096
New England 17954
New York 8132 53888
Oregon 26077 70129 79088
Pennsylvania 53888 79111
Sweden *26072
U S S R *35761
Virginia 26078
Wisconsin 44905
requirements
Italy *78980
relief programs 69891
research *26177
Australia 35813
Germany *26231
sampling *70026 *70244
sanitation 17900 17946 17956 18003 26092 26235 35798 87046 94357 94844 *8146 *8201 *8220 *8308 *23424 *26150 *26153 *26198 *26200 *35829 *35830 *35831 *45069 *53966 *62277 *70148 *70158 *70209 *70221 *76402 *79169 *79182 *79465 *87059 *87100 *94831
Denmark *8151
Germany *4727 *26109 *26180 *35859 *42279 *69987 *70105 *70139 *70143 *70235 *79095 *86997
Russian Zone *94801
Gt Brit *8248
Mexico *62235
Norway *8220
Sweden *26112
situation and outlook 7874 7943 8058 44739 53754 69883 69921 69938 78956 94699 94788 *38124 *62047
Argentina *7853
Arkansas 94727
Austria *44773 *53711 *53712
Brazil *63401 *94733

Milk--Cont.
situation and outlook--cont.
California 17829
Canada 7866
Colombia *7910
Cuba *76506
France *35663 *54571 *62102
Germany *17837 *35665 *54578 *62013 *62104 *69981 *69908 *70838 *78981 *86970 *94704 *94716 *94735
Gt Brit
Scotland 35606
Illinois 44781
India 35727
Italy *17816 *44738 *62032
Mississippi 35703
Netherlands *35749 *35750
New Jersey 44737
Sweden *35665
Switzerland *7942
skim *62021
analysis and composition 79049 79050 *17882 *25979
consumer preferences 86937
consumption 26027
feed 15061 43023 *3965 *4530 *5749 *67575 *83741 *84215
flavor and odor 70144
fortified 72143 87021
France *8144 *44946
Germany *35785
keeping quality 70144
legal aspects
France *53876
nutritive value 55922 80686 *77086
prices *35785
processing 8285
properties 79049
situation and outlook 44879
utilization *8026 *35707 *76089 *84086 *94773
skimming 53956 *35815 *45004
solids-not-fat 8263 8277 25993 53757 62273 76152 76178 79016 *8163 *17882 *62062 *70194 *94753
dried 17883 25902 62065 62275 70084 79056 79138 80686 86938 86991 87077 96136 *53854 *62245 *86938
analysis and composition 62065 79016
consumption 94773
marketing 8070
nutritive value 28246
proteins 62065
tests 44832 53765
nutritive value *94753
situation and outlook 86828—86830
tests 17894
sour *53998 *62084 *70220 *79099 *79165
analysis and composition *44813
effects on bacteria 17871
spoilage 8102
statistics 18021 45073 54023 54024 79190
Brazil *94886
California 26256
Canada *62120
Germany *18605 *35871 *45074
Wisconsin 54021
sterilization 8318 17893 17995 18019 *8237 *8252 *8313 *8314 *26231 *35832 *35854 *54002 *70280 *72131 *87110
Denmark *26084

*Text of this reference is not in English.

Item

Milk--Cont.
sterilization--cont.
equipment 34915 *44995 *45015 *87102
Netherlands 70202
sterilized 8286 17995 *8148 *70025
bacteria 17875
storage 17989 45073 62250 79125 87042 *8200 *87042
equipment 53892
straining *34923
subsidies
Belgium *71521
Norway *10236
substitutes 15387 23214 32601 59558 *4080
feed 51103 76190 *51113
nutritive value 11118
surpluses 94774
Sweden *35711 *35744
synthetic
feed 24231
temperature 26147
tests 7958 8005 8019 17873 19565 25974 26005 35681 44803 53767 62089 69994 79001 79005 79048 86920 86924 *7937 *7989 *7995 *7996 *8000 *8008 *8128 *17868 *25972 *25997 *26002 *35676 *35686 *35687 *35688 *35692 *44798 *44801 *44812 *53767 *53776 *53785 *53791 *53881 *62063 *62075 *62083 *62091 *69982 *69995 *69996 *79017 *79018 *79029 *79030 *79038 *86925 *94756 *94761 *94767 *94804
Austria *44833
Denmark *25982
equipment *8020 *79004 *86913
Germany *26008 *70009 *79025
Italy *67602
Netherlands *26012 *62067
Norway *32722
transportation 8055 44884 44929 53275 53770 53821 53829 53841 53847
Austria *8036 *35776
by truck 8053 17904
70067 70079 86954 86956
Finland *26028
U S S R *26051
California 44867
Canada 94777
Connecticut 70057
costs 17904
Sweden *26068
equipment 35745 35748 44889 44890 53835 62099 62119 *62111
France *8078
Gt Brit 70083
New England 53833
Norway *44841
Sweden *26068
U S S R *35718
Wisconsin 8091
utilization 26019 44739 69870 70034 *15653 *51056 *76061 *83714 *84142 *92483
Arkansas 94727
Austria *44773
California 26256
Canada *70038
France *44946
Germany *71648
Italy *26026
Michigan 8029
Mississippi 35703
New Zealand 53802
Oregon 79057
vitamins 23197 28215 28244 63939 63953 76266

Item

Milk--Cont.
vitamins--cont.
87055 *11110 *28217 *55928 *86922 *89052 *96160
France *38140
India 28241
U S S R *28235
waste
feed 22843
utilization 79058
weight and measuremet 86976
equipment 35769 53886 *7957
See also Acidophilus milk; Buffalo's milk; Butter-milk; Colostrum; Goat's milk; Human milk; Sheep's milk; Swine's milk; Yoghurt; and under Methylene blue; Phosphatase test; Resazurin test; Sediment test; and subheads in milk under names of food elements, and milk production under names of animals.
Milk fever
buffaloes 84354
cattle 4557 4616 23278 23387 67711 76287 84418 *59655 *67709 *76354 *76395
causes *67720
diagnosis 4686
prevention *23396 *51155
treatment *23370 *23396 *76389 *84372
sheep 5697 85133
swine *68339
Milk houses
Australia 53271
construction 86401 *35073 *86413
designs and specifications 44259 61594 86387 94428 94438
heating 7290 25552 25555 44361
insulation 17453
Milk Industry Foundation 44952 53710 53729 69937
Milk plants 7948 17844 94741
accounting 7907 35619 53697 53724 69877 69885 70171 86870 *17839 *35658
Germany *69941 *86878
air conditioning *26210
Canada *7901 *35638
construction 25912 78967
Germany *62207 *69963
cooperatives 26043 69889
Denmark *26060
France *35712
Germany *70089
designs and specifications 78967
equipment 35856 *26203 *35837
finance
Germany *86877
France *25954
Germany *62033 *69906 *69915 *69933 *69953 *69955 *70167 *86859
history 7909
Germany *69936
humidity *87097
Illinois 44943
Iowa 70065
Italy *62002 *94734
labor 26143 26162
layouts *69973
management 17852 62039 69910 78977 86868
Germany *69952 *86898
Gt Brit
Wales 94719
Norway *7884

Item

Milk plants--Cont.
New York 62261
New Zealand 35856
regulation and inspection
Norway *62139
Sweden *17836
temperature *78972 *87097
U S S R *7867 *25932 *25961 *26089 *26099 *26212 *26224 *35636 *94729
Vermont 62188
waste 17852
Milk River Project 66512
Milk separators. See Cream separators.
Milk serum. See Whey.
Milk sugar. See Lactose.
Milk Testing Scheme (Scotland) 62134
Milking 59673 84325 *4748 *59779 *67723 *84408
contests
Germany *4747
Denmark *4760
equipment *4773 *7310 *25274 *25275 *44034
Germany *53012
sanitation *69164
Germany *32841
labor 27407 76357
California 9936
Germany *9917 *9946
U S S R *88288
Norway *8220 *94841
sanitation 8139 53875 53923 *32748 *42275 *42279 *44038 *51316 *59800 *92686
study and teaching *4810 *76442 *84263
Germany *53005
Italy *76451
Sweden *61681
technique 4584 4821 15516 15535 15542 15550 17283 23433 23463 32818 42284 42291 51289 51300 55089 59792 69168 84472 *4594 *4770 *4773 *4774 *4781 *4787 *4807 *4823 *4829 *7033 *23429 *23474 *32847 *32861 *34823 *51304 *51311 *51333 *59752 *59796 *67733 *67736 *67763 *69151 *69161 *76326 *76457 *78392 *79012 *84091 *84430 *84473 *84489 *92668
Germany *23445 *23447 *42258 *59753
Israel *15518
Netherlands *15536
Norway *84485
Sweden *32856 *84433
U S S R *51340 *59790 *76486
U S S R *23464 *51313 *67766 *76499
See also Dairy cattle, milk production, effects of milking; and under Goats; Sheep.
Milking barns 7322 25498 61573 86399 *4748 *61583
Australia 53271
designs and specifications 17447 17470 44259 44264 44267 53275 94438
Milking machines 4584 5126 15542 17281 17283 25264 69160 78388 78402 78403 86197 86198 *4742 *4781 *4806 *7032 *7036 *7046 *7310 *17269 *17272 *17273 *17275 *23429 *25263 *25266 *25270 *25274 *25277 *25281 *32810 *34814 *34821 *34823 *44038 *51304 *53008 *53013 *61396 *61406 *67751 *69150 *69151 *69156 *69157

Item

Milking machines--Cont.
*69161 *76260 *78392 *78401 *79012 *79102 *84485 *86200 *86202 *86203 *94274 *94280 *94283 *94285
Austria *34826
conferences and congresses
Netherlands *61389
cooperatives
Netherlands *25267
Denmark *4760
efficiency 25258
France 61401 *7031 *7042
Germany *7033 *7034 *7041 *7045 *17278 *23445 *23447 *25256 *25261 *25262 *32841 *34815 *34824 *42258 *44018 *44029 *44033 *51311 *53001 *53005 *53007 *53012 *59753 *59786 *61399 *61404 *69165 *78391 *78398 *86196 *86211 *94275 *94279
maintenance and repair 8193 17267 34816 53003 53013 69169 69170 86208
Netherlands *15536 *34819
New Zealand 53010
sanitation 7039 17266 17268 53002 53011 61392 69174 69175 78384 *7035 *34938 *61397 *94278
Germany *78390 *79094
storage 86204
Sweden *4777 *32856 *61681
Switzerland *44020 *61412 *86216
U S S R *34825 *51340
Milking stalls 44272
Milkweed. See Asclepias.
Millerimiris n g 52622
Millers' National Federation 62715

Millet
anatomy and physiology *12304 *56891
breeding
U S S R *39399 *90243
culture *81879
India 1143
U S S R *65213 *73435 *82051
diseases
U S S R *47461
feed 76220 *51597
fertilizers 66409 *40496
forage plant 48549 59593 65219
irrigation
U S S R *39399
planting
U S S R *82059
seeds
treatment 64524
statistics
India 36396
threshing
U S S R *7156
U S S R *1205 *90312
varieties 36396 *75919
India 20535
Union of South Africa 65219
U S S R *1172 *1274 *90266
yields
U S S R *57086
Millet flour *9102
Millipedes. See Diplopoda.
Millowners' Association 70430
Mills and milling 9002 9052 9076 9113 36383 54439 54470 54518 70701 70723 87571 95153 *8935 *8981 *9000 *9015 *9025 *9034 *9062 *9084 *18382 *18390 *18435 *18443 *18447 *26666 *26670 *26671 *26683

*Text of this reference is not in English.

Item

Mills and milling--Cont.
*26684 *26685 *26690 *26708 *36320 *36367 *36369 *36440 *36449 *36451 *45550 *45588 *54420 *54426 *54427 *54450 *54482 *62668 *62703 *62704 *62732 *62749 *70759 *79567 *79618 *87567 *87613 *87630 *87645 *87664 *95182
accounting *36426 *95176
associations
France *18383 *45488 *45575 *54452
Germany *87611
Australia 45546
Canada 45552
chemistry 54443
conferences and congresses
France *45498 *45514
Germany *9065 *18358 *87530 *87559
costs
Germany *9041 *9884 *26732
designs and specifications *26672 *26686 *26714 *26730
directories 36335
Canada 36334 36335
equipment 18411 18450 36357 36359 45237 45589 54439 87683 *8941 *8993 *9023 *9024 *9036 *9098 *9099 *9100 *18406 *18407 *26646 *36348 *36351 *36368 *36377 *36410 *36429 *45571 *54535 *62707 *62726 *70684 *70685 *70686 *87587 *87598 *87599 *87612 *87614 *95159 *95166
sanitation *9097
Europe *8953 *18443
fire prevention *87606
France *45587
Germany *18379 *36376 *36392 *36428 *36431 *79572 *87596 *87640
Gt Brit 9105 26651
Greece 95194
history *70689 *70716
Austria *45530
Ireland 79614 *54469
Spain *70711
Texas 9060
humidity 87637
in art *45557
Indiana 45504
industry 36416 45589 62715
France *45567
Germany *54493 *70732
Gt Brit 45559
Ireland 36370 45506 *26672
Italy *8939 *9028 *26740 *87629 *87648
Japan *54519
legal aspects
Germany *36391
management
Germany *9041 *26667 *26731
Morocco *70690
Netherlands *44128 *62700
pests *77783
control 68428
*5912 *5914 *5998 *6025 *16171 *77237
policies and programs
Germany *87619
production quotas
Germany *9047
research *8987 *26661 *87592 *87593
situation and outlook 36316
*8953 *18439 *62714
Germany *26636 *87597 *87617 *87626
Italy *87546

Item

Mills and milling--Cont.
small-scale *36350 *36401 *36410
Spain *9086 *26700
statistics
Australia 26642
Union of South Africa 78373
study and teaching 62713 *70682
Germany *9103 *36345 *36346
taxation
Germany *9884
Netherlands *63291
temperature 9139
waste *9043 *9049 *26735 *36450
feed 9117
yields 45560 79620 87668 *9096 *18419 *95182
See also Sawmills; and subhead milling under specific subjects.
Milo
anatomy and physiology *12123
feed 15781 23828 51566 68019 *24270 *51934 *67294 *77085 *79215
situation and outlook *79215
Miltinus 6555
Milwaukee Grain Exchange 79606
Mimallo *25057
Mimamblymora n g *6420
Mimas tiliae *94132
Mimegralla 43557
Mimendircaea n g *85674
Mimesa bruxellensis *52702
Mimesa nigra 6714
Mimicry. See under Insects.
Mimobaris n g *60834
Mimocolobapsis n g *68687
Mimosa 70884 *89287
Cuba 91003
culture
Belgium *30336
Riviera *48900
Mimosa hamata 89822
Mimosa invisa 82910
Mimosa pudica 38956
Mimosaceae 89301 *89302
Mimosine 8393 8394
Mimulus brachiatus 38470
Mimulus moschatus 81032
Mimulus tigrinus 29697
Mine timbers 75494 *14826 *83574
Austria *32008 *32014
costs 14837
France *32009
Germany *32019 *75331 *92035
Illinois 59005
Mineral oil 11873 36553
herbicides 40300
insecticides 16269 34580 *16809 *24949 *33886 *93475
Minerals 62320
Alaska 37465
determination 12534
*9096 *12534 *81762 *86541 *87564
effects on earthworms 49470
effects on plants 964 12381 12408 12469 12485 12497 12505 20402 29264 29432 39208 47907 48065 48118 64731 64824 73213 90050 *12435 *49580 *56793 *73114 *73241 *81656 *81748
fertilizers 30915 40565 40616 66301 66676 66719 74648 *2769 *40680 *49775 *58262 *66248 *66283 *66310 *66360 *74629 *91345
California 3139

Item

Minerals--Cont.
fertilizers--cont.
Germany *61836
U S S R *2814 *21737 *49675
in animal nutrition 3852 3886 3963 15075 15082 15097 20300 22789 22793 22794 22854 26301 32231 32276 41755 50746 50752 50911 59167 83765 83775 92332 *3885 *3917 *22842 *22853 *41751 *50789 *67247 *83745 *92209 *92278
in arachnid nutrition 43401
in blood 84717 92608
in cat nutrition 92729
in cattle nutrition 4497 23194 23256 32598 32605 32655 76210 84180 84418 *4456 *23226 *32619 *32788 *42052 *59587 *76016 *76234 *76389 *84228
in cattle physiology 23384
in feed 8404 15122 75762 *70334 *83795 *91243
in fibers *36044
in flour 54484 79620 87668 *8933 *54424 *79604 *79619
in fox nutrition 15627
in fruit 80690
in honey 9150
in horse nutrition *23605 *23608 *23620 *32619
in human nutrition *53408
in insect nutrition 34201
in insects *86053
in meat 54599
in milk 28244 69979
in oils 36698
in plant nutrition 20300 21783 29377 *39085 *49580 *54238 *90092
in plants 881 1019 2564 12258 29435 39083 47953 47966 77644 81668 91244 92332 *817 *920 *1034 *12565 *22796 *29202 *32225 *39223 *39224 *39256 *40542 *45310 *48148 *81753
in poultry litter 42780
in poultry nutrition 23806 84813 92960 *41751 *68031
in rabbit nutrition 5568
in seeds *48176 *70532
in sheep nutrition 24136 32605 32655
in soils 30816 58097 66117 82695 91184 91209 *2560 *20369 *21718 *30813 *40463 *49427 *58093 *66169 *66181 *66183 *74458 *91211
in swine nutrition 16071 24248 60425 *24269 *68307
in textile processing *35965
in vegetables 89053 *56775
in vinegar *61921
in water 53002
in wine *61921
See also Minor elements; and names of minerals.
Minettia *68743
Ming trees. See Trees, dwarf.
Mining 31768 57525 *92873
Ministers. See Clergymen.
Minks 18584 76602 84584
breeding 15621 23537 23541 32957 32960 42402 42403 42414 59882 59883 76586 76589 76591 92777 *4957 *23540 *23542 *32964 *42406 *76603
Canada 4954
inbreeding 32961
Norway *38032

Item

Minks--Cont.
breeding--cont.
Sweden *4955
U S S R *59886
breeds
Aleutian 76590
Pastel 32958 67855
Sapphire *23539
Blu 32963
White 51433
care 76599 *4978 *51444 *59902 *76603 *76609 *84586
Sweden *15640
color 23541 51433 59885 76586 76587 76589 76591 92778 *4957 *32959
diseases *4967
equipment 59896
estrus 42403
farms and ranches 23558
Pacific Northwest 32986
Sweden *15643
U S S R *34743
feeding and nutrition 4960 4962 4963 23543 23544 23545 32966 32969 32973 32977 59888 67856 67860 67861 67862 76594 84572 84573—84577 92780 92781 92783—92785 *15636 *23542 *42411 *42413 *76593
deficiencies 15634
Denmark *32972
Norway *15632 *32976 *92782
fur production 76600 *84567 *84586
genetics 51433 59885 76587 84569 92778 *4957 *67855 *84567
habits and behavior 59903
housing *4978 *35066 *44254 *69388
industry 54560
judging 92791
metabolism *51441
poisoning 59894 *92786
skinning *32976
sterility *42405
trade
Norway *23540 *38032
vices 42420 76604
See also names of anatomical parts, diseases, and parasites; and under Furs; Semen.
Minneapolis Extension Conference 46704
Minneapolis Grain Exchange 62716
Minnesota Agricultural Experiment Station
reports 38307 56115
Minnesota Bankers Association 80042
Minnesota Crop Improvement Association 12581
Minnesota State Fair 71871
Minnesota State Grange 46834
Minnesota Turkey Growers Association 51646
Minnesota University 3861
Hormel Institute 47121 77133
Minor elements 14269 31249 40923 49645 50018 50022 58558 58559 74915 74922 *22017 *50020 *58562 *74917
application 90114
determination 69771 *61719
effects on plants 1023 20367 28399 40924 47962 58158 56844 66692 73205 *22022 *56869 *56894 *58313 *58349 *74916 *74919
fertilizers 13896 14270 22020 31251 40922 74949

*Text of this reference is not in English.

Item

Minor elements--Cont.
fertilizers--cont.
83149 83151 *13927 *31250
*31253 *66695 *66696 *66698
*91514 *91516
Germany *50021 *91511
Switzerland *13940
in animal nutrition 3926
3929 22836 22837 32279
41705 50708 50711 50793
55901 59171 59240 75781
81737 83758 83776 83797
*4166 *15128 *22875 *22876
*41687 *83852
in cattle nutrition 4457
42056 60344 76161 76252
84398 92608 *23252
in dairy products *7974
in food *7473 *28223 *61921
Peru *35225
in grain *70710
in oilseeds 9429
in plant nutrition 55901
58561 81737 *14268 *50019
*91513
in plants 20264 20463
29404 39260 82628 90151
*3125 *14266 *29202 *87358
in poultry nutrition 15790
in rubber 63041 87986
in sheep nutrition 60344
in soils 2556 2582
13821 13961 40455 49486
91510 91512 *3125 *14266
*23766 *30762 *66690 *66697
*82694
Germany *66689
Union of South Africa 14267
in swine nutrition 33695
51941 51942 93234
research *22018 *22021
Mint. See Mentha.
Minuartia *38475
Minurus *77802
Miombo bark 66088
Miomerocerus *85869
Miopristis humeralis *34269
Miorrhynchus 77962 *61070
Mirabilis 167
Miré P B de *47209
Miridae 6643 16810 16813
*16863
Africa 52622 *43696
Brazil *68807
Egypt *43695
Mediterranean area *43698
taxonomy 85834 85852
Mirolestes *24792
Mironovskaîa Gosselekstanțsiîa *39397
Miscanthus 89900
Miscanthus japonicus 89843
89899
Miscogastridae *6736
Misión Uruguaya de Estudios Agroeconómicos en Australia y Nueva Zelandia *27527
Misner E G 64044
Mispila 93778
Mission A Villiers au Togo et au Dahomey *34483 *34701
*68633 *68824 *68863 *68928
*68991 *77715 *77767 *77800
Mission d'Études de la Production Fruitière dans l'Est des États-Unies *65322
Mission Maïs *57134
Mission P L Dekeyser et B Holas *16973
Mission Scientifique Suisse au Maroc *85600
Missione Biologica Sagan-Omo *6713 *6724
Missions P E Victor *85908
Missiroli A *64042
Mississippi Agricultural Experiment Station 38301

Item

Mississippi Agricultural Experiment Station--Cont.
Black Belt Br Station 10289
Coastal Plain Br Substation 90361
Delta Br 56111
reports 19707
reports 38308 64092
Mississippi State College 36869
Extension Serv 80504
reports 10749
Regional Seed Research Laboratory 79902
Mississippi State Livestock Sanitary Board 59350
Mississippi Valley Historical Association 11227
Missouri Agricultural Experiment Station 19715
publications 47018
reports 38303
Missouri Botanical Garden 38372
Arboretum 56128
Missouri Conservation Commission
Forestry Div 31425
Missouri Dept of Agriculture 72166
Missouri Farmers Association 46659
Missouri Grain Warehouse Dept 79607
Missouri Poultry Improvement Association 68136
Missouri River Basin Project 14085 21614 21858 61022
74764 74809 83032
Missouri State Seed Testing Laboratory 18739
Missouri University 45959
49086
College of Agriculture 56113
68156
Agricultural Extension Serv
publications 47018
Mistletoe. See Loranthus; Viscum album.
Mistshenkoa n g *61258
Mitchell S B 56015
Mitchell W C 72184
Mites 60797
Alaska 85574
anatomy and physiology 93713 *6341 *34211 *43405
and disease 85560 85587
*6377 *16207
Korea 33906
and plant disease 93725
as parasites 60781
*77623 *85566
Austria *93731
bees *16948 *24547 *34181
*77649 *85536 *85569 *85572
*85573
birds 93726
cheese 43400
control 5962 16476 16502
34172 34193 43183 52344
52352 52362 52609 60776
60844 68476 68805 77639
85541 *43390 *52395 *68619
*77616 *93720
California 16188 77643
Canada
British Columbia 6355
Germany *16506 *93707
ecology *6382
eggs *93695
Finland 24694
flour *6358 *34189 *85590
fruit 24715 52343 93729
*52380 *77624
grain *6358 *34189 *85590
hosts 60775 77597

Item

Mites--Cont.
hybridization 68614
insecticide resistance 52384
Israel *93710
livestock 85591 93434
man 43398
Morocco *24683
muskrats 6368
nuts 77636
ornamentals 85360
parasites 85565
populations 77644
poultry 17148 69026
rearing and breeding 85580
research 60795
Turkey *77607
variation 68601
Miticides. See Insecticides, mite control.
Mitin 70395
Mito A2 *60671
Mitosis 12125 12360 20172
63976 *689 *12294 *20163
*34652
insects *69005
plants 780 973 12298
20161 29069 29089 39220
48034 81631 90128 *12295
*64845
Mitoura hesseli 25063
Mitoura siva 17090
Mitrapsylla 43635
Mitscherlich formula 82883
*2756 *2789 *2808 *3148
*21795 *30941 *66378 *82830
*91298
Mixed streak tomatoes 72835
Mlanjella n g 52628
MLV. See Hog cholera, vaccines.
Mnium undulatum 205
Mnium vesicatum *72449
Moacroton *56189 *85954
*85979
Moala n g 68644
Moenas *25068
Moewus *64722
Mohair 45248 54167 94932
Mohammedanism 92712
Mohr W *56033 *80779
Moiseenko F P *75214
Moisture. See Humidity; and under specific subjects.
Mokoto n g 85870
Molannodes 61314
Molasses 63145 79957
91178 *46006 *93875
analysis and composition 9689 27104 27140 27173
46029 71145 79932 95514
95526 95530 *18757 *88067
*95538
color 63095
cookery
recipes 11094
effects on bacteria 12291
feed 15359 15382 15383
23200 23854 32600 41744
42037 42926 45123 50713
67322 70311 75793 83808
92195 94897 *4505 *5215
*36943 *67569
fermentation 63098 95540
*18758 *18763 *46000 *63097
*88043
fertilizers 74958
grading and standardization 63095 88041
marketing 70311 95500
*63101
prices
Germany *9662
processing 71118 79965
95527
Australia 95550

Item

Molasses--Cont.
situation and outlook 9671
94897 *18798
spoilage *27139
storage *27139
therapeutic use *23636
transportation 45123
See also kinds of molasses; and under Citrus; Fruit; Silage.
Molds 12508 28676 38551
39252 *11954 *38524
as food 50600
biochemistry 56982 73338
control 77846 *11900
Moldy corn poisoning. See Encephalitis, horses.
Mole crickets *34666
Mole drains 2970 21885
Moles 40502 *28258
*38568 *72160
Molina J *56017
Molinia 64600 85323
Molinia coerulea *627 *657
Moll F *11238
Möller A *38207
Mollisia *64287
Mollugo cerviana 38744
Molluscacides 4614
Mollusks *5893
Molophilus 52496 68719
Molybdenum
determination 48153
effects on cattle 4415
effects on livestock 82745
*74918
effects on plants 1020
12296 12343 12344 13917
39214 48009 48040 48127
56830 64755 64815 73088
74920 *74918
fertilizers 21673 66687
*13933 *22019
in animal nutrition 41730
in cattle nutrition 51105
84272
in milk 7959
in plant nutrition 41730
81593
in plants 12237 12426
48164 73174
in poultry nutrition 84819
in sheep nutrition 51105
60336 84272
in soils 2592 58560
82745 *74918
in turkey nutrition 84819
Molybdenum blue *25616
Momar n g 52628
Momonides *68592
Momordica balsamina 60954
Mompha 61163
Mompha nodicelella 34641
Monadenium *115
Monarda 73985
Monarda fistulosa 65539
Monarthropalpus buxi *52582
Money and currency *72058
Dominican Republic *63229
France *27284
Germany *37690 *46119
Italy *71204
policies and programs 71224
Switzerland *18859
See also Inflation.
Mongrovaspis n g 16800
Moniezia 16474 85587
Moniezia expansa 5679
Monilia
apples *81212
cacao *81213
fruit *500
Monilia cinerea
cherries *458
Monilia fructigena
apples 463
peaches 89635

*Text of this reference is not in English.

Item

Moniliaceae 56340 *38549
Moniliasis 23959
Moniliformis dubius *17129
Monilinia fructicola peaches 64378
Monilinia fructigena *429
Monilinia vaccinii-corymbosi blueberries 56504
Monimiaceae *20166
Monkeys 6588
Monnina sanmarcosana *80960
Monocesta *77662
Monochamus 60804 93778 *77740
Monochamus galloprovincialis *93758
Monochlorohydrin glycol *29259
Monoclona 77862
Monofluoracetic acid 25617
Monoglycerides 36729 54692 79692 *79787
Monohelea *68748
Monolepta 52409
Monomorium minimum 68891
Monomorium pharaonis 34500 68884 68891
Monopolies *69585
tobacco 27205 *27207
Monorchism 84668
Monosaccharides *86555
Monosept *33054
Monosodium glutamate 53638 54675 69717 94663 *25827
Monosomes. See Chromosomes.
Monotes *118
Monotrichum commelinae 11917
Monotropa hypopitys *2425
Monotropa uniflora 72411
Monroe Grain and Supply Co 9133
Monstera deliciosa *13321
Monstera longipedunculata *89330
Mont Alto (Pa) Arboretum 47142
Montana Agricultural Experiment Station 5651 57323
Montana Bankers Association 80044
Montana Livestock Commission 36603
Montana Livestock Sanitary Board 50869
Montana State College 59809 68113
Veterinary Research Laboratory 75950 83956
Montana Wool Growers Association 18122
Montandon A L 68820
Montandonia *24749
Montbretia *21200
Monterey pine. See Pinus radiata.
Montmorillonite 2565 13762 40452 58098 58103 66102
Moon 48248
effects on plants 48022 89984 *39132
Moors *21626
fertilizers *58259
Germany *49661
Finland *38856
Germany *39278 *40764 *58237 *58259 *66262 *66296 *66297 *70535 *82722 *91820 *95920
Gt Brit 30850 46336 95922 *43
Hungary *58398
reclamation *31167 *49895
soils
Germany *66688
Mopsera *61274

Item

Mora virus disease cherries *81340
Moraballia n g 52628
Moraxella bovis 59612
Morchella *29115
Mordella *16558
Mordellaria *6434
Mordellidae 6421 *6434 *6438 *85629
Mordellistena *68688
Mordovskaîa Gosudarstvennaîa Selektsionnaîa Stantsiîa *12653
Mordvilkomemor n g *68848
Morgan A P 11616
Morgan H A 19663
Morgan County (Alabama) Exchange 16814
Morimus asper *16603
Moringa pterygosperma 29478
Morley C 96216
Mormon cricket. See Anabrus simplex.
Mormoniella 34511 34536 68878
Mormons 27782 59910
Morningglory. See Ipomoea.
Morocco Direction de l'Agriculture du Commerce et des Forêts *37079
Morocco Off Chérifien de Contrôle et d'Exportation *19468
Morocco Serv de l'Horticulture *20791
Morphine 51422
Morphology. See under Plants; and subhead anatomy and physiology under names of animals, insects and plants.
Morrenia *81006
Morrisonia n g 16800
Mortar 35122
Mortgage. See Credit, mortgage.
Mortierella *38526
Morton Arboretum 90753
Morus. See Mulberries.
Morus alba *75325 *91844
Morus laevigata 58715
Mosaic *72862
abaca 11634 20089 28991 38792
Agropyron 12006
alfalfa 64578 *72882 *81351
apples 89724
apricots 548
artichokes *556
Aztec tobacco 56590
barley 12006
beans 11985 38831
cabbage 20098
cauliflower 64563
celery 61068
cucumbers 11991 38823 81346 89733
Cymbopogon winterianus *56596
Cyphomandra betacea *28998
Datura stramonium 56590
Dendrobium superbum *72857
Dianthus 596 20072 38827 72823 72841
Echinocystis 583
Hydrangea *20081
Hyoscyamus 56590
Ladino clover 561
Lagenaria leucantha 38819 47661
lettuce 545 557 56601 *89704
Mathiola *64562
Mathiola incana 34462
okra 582

Item

Mosaic--Cont.
Orchidaceae 12038
peaches 548 72871
Pelargonium zonale 72840
peppers 29014
plums 548 *20077
potatoes *29001
raspberries 72846
romaine 20074
Rosa 89710
Rumex *11988
Rumex obtusifolius *72864
sugar beets 29033 *12041
sugarcane 56607 64542 64543 72821 72824 *11992 *72853 *89713
tobacco 542 567 587 11986 12025 12030 12032 12033 38796 38820 38830 47623 47657 47665 64544 64564 64569 72836 72851 81236 81325 *20082 *20102 *28985 *28998 *29002 *29009 *29011 *29018 *29020 *38795 *38811 *38822 *47635 *56600 *72861 *89711 *89722 *89731
tomatoes 565 595 20099 72850 *28999
Tropaeolum *11989
turnips 574 56587 64547 64573
Vanda 56612
wheat 12006 47651 64556 89708
Moskovskaîa Plodovo Îagodnaîa Opytnaîa Stantsiîa *1673
Moskovskiĭ Gosudarstvennyi Universitet
Agrobotanicheskii Sad *38333
Botanicheskii Sad *25513
Moskovskiĭ Khimiko-Tekhnologicheskiĭ Institut Mîasnoĭ Promyshlennosti *36636
Mosquitoes 6619 61093 93934
Alaska 43510 43579
anatomy and physiology 6591 6605 6623 16778 16779 43597 77918 77924 *6579
and agriculture 43593
and disease 6588 6782 16789 34416 34423 43575 43582 52595 52606 61011 77921 85793 85797 85801 85809 93922 *43599 *85811 *85818
Central America 61005
Ecuador 67916
Guam 6614
India 93933
Mexico *34397
Arctic Region 43620
Argentina *34411
Australia 61015
bibliographies 43574
bites 34410 61010 93926 93928
Brazil *85812
breeding places 34404 34405 43602 43622
California 16769 16784 34425
Canada 93915
China 24909
control 6581 6584 6592 6607 6608 6620 6627 16776 16785 34400 43183 43581 43590 43594 43613 52593 52594 61023 77916 77921 85799 85806 85828 93909 93923 *16760 *17084 *24902 *93924
Africa 16764 *52597

Item

Mosquitoes--Cont.
control--cont.
Algeria *16777
Arkansas 43622
Australia 6602
bibliographies 68800
biological 6548 52605
California 6603 6624 34398 34401 34407 34413 34422 60998 85815 85819 85826
Canada 85827
Canal Zone 68792
Cyprus 85794
Delaware 43594
Far East 85814
Florida 24893 43600 68797 85800 85816
India 61009
Malaya 61006 77919
Massachusetts 85798
Mexico *6585
Missouri River Basin 61022
Netherlands *93913
New Jersey 43585 43586 43601 43606 43612 43614 43618 52600
New York 43623
Ohio 34399 68801
Oregon 34429 34430
public health aspects 43580
public relations 43584 43607
Puerto Rico 93927
Réunion *16768
Tennessee 43610 52603
Utah 34420 85823 85824
Virginia 43608 61004
Wyoming 6609
Czechoslovakia *43591
Delaware 43577
ecology 24885
eggs 85808
evolution 6615
food and host plants 43621
genetics 85810 *24886
Germany *6611
Gt Brit 24910 52599
Guam 93917
habits and behavior 24911 34395 34410 61002 61003 77926
hosts 24892
hybridization 43595
identification 34409 85802
insecticide resistance 43587 68795 85805 93921
Iowa 61013
larvae 68789 *34415
anatomy and physiology *43605
collecting and preserving 61001
parasites 52605
Malaya 24911
New Guinea 61014
nomenclature 24899
Oklahoma 34406 77923
Panama 68791
parasites 61000 85821 85913 *34396 *43605
populations
Japan 85817
New Jersey 43583
pupae 68790 77918
research 6624 34401 34426
Sweden *77917
Texas 68789
Uganda 6590
Vermont 43609
Wyoming 16770 52596
Mosses. See Musci.
Mothproofing. See Insectproofing; and subhead insectproofing under specific subjects.

*Text of this reference is not in English.

Item

Moths
anatomy and physiology 6764
as pests
Gt Brit 86014
collecting and preserving 6788 43799 78162
Gt Brit 52821
control 6764 6820 78157 *6780
ecology
U S S R *25080
France *17010
Gt Brit 6812 7102 17028 34573 34581 34588 61191 61198 61203 61214 78126
habits and behavior 52808 68977 *16998
India 52813
Ireland 43799
larvae 52813
as pests 52808
Gt Brit 25036
Maltese Islands 17095
migration
Venezuela 34556
mountain areas 94151
rearing and breeding 43863
Sumatra *68985
U S S R *86020
Motion pictures 10276 25570 70583
bibliographies 11218 14236 55799
poultry industry 76881
veterinary medicine *76384
See also Audio-visual aids; Films; Photography; Visual aids.
Motors *31925 *50426 *53188 *53356 *69491
electric 7386 44365 44366 *17518 *17532 *35185 *44362 *61484 *61675 *69492 *69498 *78679 *78683
Germany *69495
equipment
Germany *61677
Germany *7244 *17518
maintenance and repair 44365 44366
U S S R *61516
See also Engines.
Mottle
broadbeans 28986
Orchidaceae 28792
Mottle leaf
beans 64322
citrus 38829 *72845
Mottled enamel 51853
Moulton D 28289
Mount Hope Farm 22774
Mouth
dogs 76528 84502
horses 84695 *15683
Mouth-parts
insects 43511 77978 85743 93698 *43549
Movellan *4884
Mowing
equipment 1474 7138 34871 *69234
Germany *69228 *69229
history *86272 *86273
maintenance and repair 53137
Switzerland *53115
Union of South Africa 78373
U S S R 7103
Mowrabuttertree. See Madhuca longifolia.
Mowrah oil. See subhead oil under Madhuca indica; and Madhuca longifolia.
Mucins 9257
Muck soils 14254 30458 30924 91300
Florida 17247 74569 74580

Item

Mucoproteins 59847
Mucor hiemalis *56970
Mucor recurvus 81085
Mucorales 56764
Mucuna. See Velvetbeans.
Mud fever
turkeys 51638
Muintir na Tire 46805
Muktesar vaccine *93002
Mulberries
anatomy and physiology *89829
bark *14911 *92098
biochemistry *1070 *89699
culture *22879 *86049
Austria *39882
Italy *82262
cytology *89836
forage plant *22879 *48573
Italy *13731 *34683
pests 93736
planting *86246
U S S R *31716
propagation *39042 *56846
rootstocks *73873
seeds
treatment *72799
weed control
Japan *82586
wood 83682
Mulch. See also under specific subjects.
Mulching 2872 2878 3024 14017 14021—14023 14028 14036, 21805 21807 40589 40769 58370 58371 58380 58384 66394 66454 66457 66462 66464 66469 74674 74679 74863 91361 91373 *2857 *13970 *21821 *31063 *58382 *58390 *82931
Australia 40752 40753
equipment 53037
Puerto Rico 21809
See also Tillage, stubble-mulch; and subheads culture; mulch under specific subjects.
Mules *5004 *5108 *15702 *92815 *92881 *94281
Argentina *5102
army 5116 23693
breeding *23575
Israel *67882
feeding and nutrition 23607 *33029
fertility *15651
genetics *23565
Israel *15701
Spain *23575 *23680 *84736
Mullerian ducts *15853 *33304
Mulona 52776
Mummuciona *68596
Mummy berry
blueberries 56504
Munda 6842
Mundeicus n g 6842
Mung beans 2283 13984 91301 92564
Munich Technische Hochschule
Chemisch-technologisches Institut *87666
Munns E N 19668
Munsell Standard Color Charts 82918
Müntz method *49387
Murrumbidgee Irrigation Area 19380
Musaceae 11464
Musanga cecropioides *19830
Musca 34382
anatomy and physiology 43497
Musca convexifrons *24825
Musca domestica 16253 33926 68736 77837

Item

Musca domestica--Cont.
anatomy and physiology 34325 34350 34375 43503 43518 52536 *34393 *93855 *93856
and disease 6528 60142
as parasites 43540
control 6546 6563 8095 16752 24840 24869 34392 43530 43531 52501 52546 52560 60903 60915 68731 68760 77843 93831 93850 *6547 *16723 *43494 *77913 *93789 *93902
New Zealand 52514
tests 16700 34333 52530 *24843
cytology *85736 *93847
genetics *43545
habits and behavior 6517
insecticide resistance 6514 6566 16715 16747 24869 33922 34325 34331 34332 34366 34367 52553 68745 *16721 *60941 *60979 *85707 *93822 *93880 *93902
rearing and breeding 6570 *34359
See Musca vicina.
Musca nebulo 6554 43565 52562 68726 *43545
Musca sorbens *93897
Musca vicini 16701 43519 *43545
Muscari *65784
Muscari neglectum *20272
Muscatel wine
U S S R *35527
Musci 13322 72446 *38405 *38501 *82387
anatomy and physiology 48053 64818 *38903 *47313 *89978
Argentina 89392
Australia 191
Azores *89389
Brazil 72444
California 204
Chile 89392
control *72590
Costa Rica 56291
ecology 11537 *12106
Switzerland *619
France 56294
Germany *89415
Gt Brit 208 7209 64258
Japan 211 28635 28638 28639 *28638 *47315 *56298 *56300 *81057
Libya *89395
Mexico 38416
Netherlands *11522 *11533 *11542
New Guinea *47309
New Zealand 206 64263 64268 72448
North Carolina 11524
Northeastern States 198
Pennsylvania 64260 81371
Portugal *28636
Spain *72450
Sweden *11544
Texas 38502
U S S R *11532 *28633
West Indies 89393
Muscidae 24799 43541 *24868 *60895 *93863
larvae *85315
Muscina stabuland 77865
Muscinae 34382
Muscles 70815 95264 *92329
cattle 76325 *92597
diseases *84264
dogs *4869
diseases *42379
horses *5576 *33064
diseases *59970

Item

Muscles--Cont.
insects 52033 68376 85737 93545 *93297
poultry 27000
rabbits *5573—*5576 *42861
rats *92890
swine 33718 93292 *33713
Muscoidea 16738 60943
Muscular dystrophy. See White muscle disease.
Museums 37828 63706 80512 *80457
Denmark *10694
Gt Brit 10640
Mushroom Research Association 21246
Mushrooms 2172 8633 40958 57853 72479 74952
anatomy and physiology 81445
browning *45393
costs and returns 27699 80335
culture 2165 2213 21273 21306 30450 30480 40182 49476 57828 65852 74205 82497 82501 83180 83184 90927 *30415 *57819 *74959 *82522 *90962 *91541
Argentina *21291
Gt Brit 21317 21326
diseases 11921 56562 64510 81292 *29045
control 81160
equipment 78626
feed *4466
fertilizers 3158 31296 31317 40958
flavor and odor *45387
Gt Brit 21297
Italy *2170
marketing 8686 18250
nutritive value *89065
planting 49222
research 21246
soils 3102 35109
Gt Brit 21685
varieties 82519
weight and measurement 8686
yields 90915
Music 10737 28002 28024 28025
Musical instruments 22630 32135 75563 *75682
Muskmelons
breeding 13504 13523
cytology 81401
diseases 11846 81633
genetics 47869
germination 40191
weed control 30622
Muskrats 6368 *23555
Mustard 39252 *53663
analysis and composition 69853
anatomy and physiology 56807 *29243
biochemistry 1060 86725 *1032
control 21412
culture
U S S R *73651
pests *6417
planting *2162
seeds
India 18636
vernalization 12280
utilization 86725
See also kinds of mustard.
Mustard gas 6506 6543
Mustard greens 40229
Mustard meal *36271
Mustard oil 18663 29038 70982 87871 *85536
Mustards 64846
Musts. See under Wine and kinds of fruit juices.

*Text of this reference is not in English.

Item

Mutation 73165
animals *15946 *32959
insects 6506 6530 6572
6576 16694 34511 34547
43496 52509 52515 52549
77812 85769 *85772
plants 740 758 12229
12466 12478 20243 29180
29332 47820 47869 48809
56953 56981 58135 64664
64672 64680 64683 64698
64786 64850 65588 73049
73054 73081 73134 73172
73233 81565 81694 89864
89886 *12192 *12203 *12213
*20842 *29155 *29223 *47791
*47811 *47831 *47833 *47838
*47861 *47867 *73218 *89897
Mutation Mink Breeders Association 84587
Mutillidae 43734
Hungary *85885
Mediterranean area *16905 *78027
Neotropical Region 94036
North America 61136 78045
Mutisia *89288
Mutton
analysis and composition 62815
consumption
France *79671
grading and standardization
Iceland *62849
Gt Brit
Wales 51877
New Zealand 62815
nutritive value 62815
quality
U S S R *62850
situation and outlook
France *79671
See also Lamb meat.
Mutual Orange Distributors 26519
Mutual Security Act of 1952 63225 80021
Mutual Security Program 71507 80022
See also Point IV Program; U. S. Mutual Security Agency.
Mycelium *34
Mycelium radicis atrovirens *48126 *56954
Mycena citricolor
coffee *11764 *11888 *38767 *81282
Mycetina 24778
Mycetophila 16744
Mycetophilidae. See Fungivoridae.
Mycetoporus hellieseni 16648
Mycobacterium 12400 *44811
Mycobacterium avium *76401
Mycobacterium johnei. See Mycobacterium paratuberculosis.
Mycobacterium lacticola 42228
Mycobacterium paratuberculosis 15483 42109
Mycobacterium tuberculosis 15420 43818 62263 *4031 *15201 *15401 *32397 *62085 *84278 *84328 *94751
Mycobacterium tuberculosis avium. See Mycobacterium avium.
Mycobacterium tuberculosis bovis 92600 *42226 *42512
Mycococcus n g 43654
Mycogone perniciosa
mushrooms 56562
Mycology 411 19869 28694 72777 *299 *38357 *47337 *89441
bibliographies 11583

Item

Mycology--Cont.
technique 56342 56503 58139
See also Fungi.
Mycomya 93836
Myconellus n g 52628
Myconus 52628
Mycorhiza 943 969 20305 56864 64758 *999 *1026 *13807 *21558 *29215 *29367 *39089 *39103 *39165 *40525 *41220 *48126 *56827 *90036 *90111
Mycosis
bees *60661
cats *76516 *76518
cattle *32709
insects 78193
livestock *22941 *32344
man 76316
Mycosphaerella 72728 *47348 *72477
Mycosphaerella brassicicola 81221
Mycosphaerella citrullina 72654
Mycosphaerella pinodes *64506
Mycosphaerella populorum *38746
Mycosphaerella rabiei 89599
Mycosphaerella sentina *11872 *38752
Mycosyrinx *89469
Mycosyrinx arabica *56322
Mycotorula *56487
Mydaidea 6555
Myelois *16939
Myelois venipars 94083
Myelophilus piniperda *28893 *34231 *38705 *64455
Myialges 93693 *60764
Myialgesinae *60764
Myiasis
Africa 34394
bees *24663 *34129 *43394
cattle *15470 *85787
man 24800 34394 43540
sheep 24183 24184 *77842
transmission
India 4073
Mymaridae *6736
Mymariella n g *6736
Mynoparmena n g 93778
Myoban. See Sodium propionate.
Myobia 6370
Myobia musculi 77611
Mycobiidae 68621 *6383 *43399
Myocain "A" Holzinger *67914
Myocardial degeneration. See White muscle disease.
Myocarditis *51227
Myocoptes musculinus 77611
Myocrisin. See Gold salts.
Myodopsylla 6924
Myolepta luteola 85711
Myolepta potens 85711
Myoma *4723
Myombea n g 16813
Myositis *92740
Myosotis 72425 *21202
Myosurus *12119
Myrceugenia montana *47249
Myrcina 52409
Myrialepis 38437
Myriangiales *56324
Myriapoda 16483 *6384
anatomy and physiology 43376
Belgian Congo *24672
France *6362 *93718
Ohio 43389
parasites *77651
Portugal *85581
Myrica gale 20267

Item

Myrmecia 68876
Myrmecia reticulata *47350
Myrmecobosca *16930
Myrmecocystus 85923
Myrmecophilous insects 6747 68897 77764 81529 *16869
Myrmica *21560 *43707
Myrmica laevinodis 16923
Myrmica rubra 16923
Myrmicinae 61143
Myrmilla. See Myrrmilla.
Myrmosini n tribe *52706
Myrmozercon reidi 60773
Myrobalan plum 74740
Myrothecium verrucaria 20475
Myrrmilla 52710 *16905
Myrsinaceae 64170
Myrtaceae *59113 *64202 *73019
Myrtle whortleberries *90674
Mysore Agricultural Dept 38174
Mystrium 85897
Mytilococcus destefanii *85862
Mytilococcus gloverii *6686
Myxobacteria 2618
Myxomatosis 34416
immunization 85024
rabbits 24904 80734
transmission 85021
treatment 85024
Myxomycetes 11614 19868 56334 72489 89452 *81093
Myxophyceae. See Cyanophyceae.
Myzodes *93940
Myzodes latysiphon. See Rhopalosiphoninus latysiphon.
Myzodes persicae. See Myzus persicae.
Myzus 68855 *93940
Myzus cerasi 34432 43649 61062
Myzus circumflexus 93975
Myzus persicae 24917 29033 85850 *6634 *6655 *6677 *16844 *16874 *24953 *34491 *52662 *52664 *52688 *93967 *93995
anatomy and physiology 43687
and plant disease 77957 *47647
control 52623 *52616 *94006
Germany *68817
habits and behavior *52640
populations *68840

NAA. See Naphthaleneacetic acid.
Nabam. See Dithane.
Nabis alternatus 16873
Nabis apterus 16846
Nabis ferus 68822
Nabis lativentris 61071
Nabis mirmicoides 61071
Naboandelus 43634
Nadabius 60758
Naemacyclus *72505
Naemalotoma 11607
Nagusta *68864 *85870
Naias 64190
Naias tenuissima 47216
Nails 7357 32039 50645 75546 83580 *50647 *92042
Najadicola ingens 52367
Namuncuraia n g *34613
Namuncuraia mansosotoi *34613
Nananthus rubrolineatus *72375
Nanking University College of Agriculture and Forestry 10637
Nannolene 16481
Napaea *61256
Napeogenes *34551

Item

Naphthalene 89476
Naphthalene derivatives
effects on plants *891 *1001
tanning materials 36674
Naphthaleneacetaldehyde 12532
Naphthaleneacetic acid 57501 73848
effects on plants 12355 48138 54398 90127
α-Naphthaleneacetic acid 29266 *29345
effects on plants 90932 *13041 *29315 *29991 *57370 *57536 *74215 *89968 *89969
potassium salt
effects on plants *39152
Naphthene herbicides 12430
Naphthenic acid 31972
β-Naphthol *17088
α-Naphtholphthalein 44792 62066
Naphthoquinones 64723 73318
2-Naphthoxy propionic acid 29401
β-Naphthoxyethanol 5049 84691 84693 *4076
Naphthylacetic acid. See Naphthaleneacetic acid.
β-Naphthyloxyacetic acid 29291
α-Naphthylpyruvic acid *29345
Naranga aenescens *34595
Narcissus 2076 21201 32069 65647 82388 90802 90871 *82337 *90744
anatomy and physiology *73026 *81418
culture 1888 13364 49005 65691 *1951
diseases 20118 89627
forcing 65752
genetics *29150
North Africa *89308
Norway *1951
pests 60900 85360 *43533
varieties 2146 13145 13193 30368 74125 90910
Narcissus bulb fly. See Lampetia equestris.
Narcissus calcicola 81043
Narcissus elegans *80958
Narcissus poetaz 13139
Narcissus poeticus *73026
Nardus *12081 *81369
Narenga porphyrocoma 56721
Narromine Irrigation Area
New South Wales 2654 2655
Nasonia 68878
Nasonov N V *28300
Nasturtium 28545
Nasturtium officinale 638
Nastus
Madagascar *56198
Natal and Zululand Beekeepers' Association 34077
Natalocampa. See Metriocampa (Natalocampa).
Nathrius brevipennis *77761
National Comité voor Brouwgerst *36409
National Agricultural Advisory Serv. See Gt Brit National Agricultural Advisory Serv.
National Agricultural Chemicals Association 3135
National Agricultural Credit Committee 71241
National Allotments and Gardens Society 20815
National Association of Artificial Breeders 3835

*Text of this reference is not in English.

Item

National Association of Commissioners Secretaries and Directors of Agriculture 55272
National Association of Frozen Food Packers 53556
National Association of Marketing Officials 17605 61770 94647
National Association of Mutual Insurance Companies 88230
Committee on Federal Crop Insurance 88224
National Association of Produce Market Managers 17606
National Association of Real Estate Boards
Institute of Farm Brokers 63661
National Association of Refrigerated Warehouses 53556
National Association of Retail Meat and Food Dealers 95242
National Association of Wool Manufacturers 8533
National Barnyard Equipment Council 34758
National Board of Fur Farm Organizations 4975 4977 51445
National Brucellosis Committee 41767 41864
National Canners Association 7608 25720 35393 44578 44594 44595 86640
National Chrysanthemum Society 49041 57767
National Coffee Association 7726 7800
National Committee on Agricultural Policy 18999
National Conference of Home Economists 19682
National Conference on Weights and Measures 35303
National Cotton Council of America 45261 70439
National Cottonseed Products Association 70964 87875
National Council of Churches of Christ in the U S A
Dept of the Town and Country Church 37856
National Council of Farmer Cooperatives 10866 71977
National Council of Social Serv 88714
National Council of State Garden Clubs 90510
National Cutting Horse Association 92871
National Dairy Association of New Zealand 7914 86875
National Dairy Cattle Congress 76483
National Dairy Conference 86875 86876
National Dairy Council 8068 8090
National Dairy Federation 86875 86876
National defense 37066 44541 80517
and agriculture 10006 10144 10612 19016 19026 25249 27431 27499 27515 27538 28255 37312 37349 37354 37350 46293 46294 46316 55283 55339 63460 71382 71505 71516 *55200
and cooperative organizations 19415 46803
and cotton industry 54150 54151
and dairy industry 53748
and electrification 35168 69482

Item

National defense--Cont.
and equipment 34758
and forest products 50176
and human nutrition 11046 38065
and labor 55091
and mechanization
Gt Brit 69074
and poultry industry 63025
and pulp and paper industry 22669
Canada 37069
National Extension Nutrition Workshop 63924
National Farm Chemurgic Council 53433
National Farm Institute 71456
National Farm Loan Associations 55021 *9824
National Farm Radio Forum 88745
National Farmers'Union 37939 55763 63774 63809 96061
National Farmers' Union of Scotland 96062
National Federation of Fruit & Potato Trades 62470
National Federation of Young Farmer's Clubs of England and Wales 37994
National Fertilizer Association 3135 22001 31276
National Fire Protection Association 25167 88222
National Food Brokers Association 35264 53556
National Foundation Seed Project 45929 81820
National 4-H Club Camp. See subhead camps under 4-H Clubs.
National Garden Program 65303
National Grange. See Patrons of Husbandry National Grange.
National Hardwood Lumber Association 14717
Inspection Training School 14726
National Hay Association 26291
National Home Demonstration Conference 19393
National Home Demonstration Council 10646
National Home Demonstration Week 72217
National Independent Meat Packers Association 54654 62871 62872 62873
National Institute of Research in Dairying 17957 17970 17980 26173 53959
National Institute of Agricultural Botany 89227
National Institute of Agricultural Engineering 25190 94229
National Institute of Animal Agriculture 41917 67435
National Investigation into the Economics of Milk Production (Gt Brit) 71640
National Joint Committee on Fertilizer Application 49706
National Joint Industrial Council for the Flour Milling Industry 45559
National Land-Capability Inventory 63651 63652
National Land Judging Contest 40866
National Live Stock and Meat Board 79668 87736 95247 96140
National Live Stock Exchange 9280

Item

National Live Stock Producers Association 70799
National Milk Producers Federation 17914
National Mineral Feeds Association 3929
National Oil Mill Superintendents Association
West Coast Div 62938
National Onion-Breeding Program 65913
National parks. See Parks; and names of parks.
National Peach Council 87411
National Pig Breeders' Association 33779
National Potato-Breeding Program 49229
National Potato Council 70576
National Poultry Improvement Plan 24078 42830 60266 84998
directories 5531 51738 51739
Meat Production Performance Test 5454 15943 24079 42841 60252
Virginia 15936
National Research Council of Canada 72247
National Research Council of the Philippines 11337
National Rose Society 49043
National Shade Tree Conference 30308
National Turkey Improvement Plan 60266
National Veterinary Medical Association of Gt Brit and Ireland 32371 75911
National Weeds Conference 74301
National Wholesale Frozen Food Distributors 53556
National Wool Growers Association 24202 36018 42996 85136
NationaleCoöperative Raad *19434 *71978
Natural Bridge Camp 41036
Natural history *27980 *88778
Natural resources 19625
conservation 11170 11180 11219 28256 49952 49956 63982 64003 83076 83713 *3052 *80176
associations 14150
Canada 10550
conferences and congresses 88434
Oklahoma 37446
study and teaching 3205 14172 14182 28273 63740 63992 91492
Union of South Africa 28254
Wisconsin 21917
Illinois 46352
Nauchno-Issledovatel'skii Institut Plodovodstva imeni Michurina *12956
Nauchno-Issledovatel' skii Institut Zemledeliia TSentral'no-Chernozemnoi Polosy imeni V V Dokuchaeva *37857
Naupactus *43481
Naupactus cariesignatus *24725
Naval stores 14957 14960 50592 75666
bibliographies 50591
credit 3763
economic aspects 14956
equipment 22687 22691 32123
extraction 3759 22695 75662 75664 92127 *32124 *41588 *41590 *50587 *59093

Item

Naval stores--Cont.
extraction--cont.
*59095 *75656 *83645 *83646 *83647 *92125
France 75657
Poland *41589
U S S R *32126
Yugoslavia *75663
France *32128
grading and standardization 14955 32125
Hispaniola 22692
history 3761 22693
industry 22693 41594 50589 59096 75659
Europe 41592
Indonesia *59093
U S S R *67188
Yugoslavia *75660
Pakistan 59092
Poland *83645
policies and programs 14966 92128
prices 92129
processing 41591
equipment 41593
regulation and inspection 32125
research 22690
situation and outlook 3756 3757 3758 3760 14959 14965 22688
statistics 67189
trade 22045 59094
utilization 14797 32122
Naval Stores Act 50590
Naval Stores Conservation Program 59097
Navanites n g *6411
Navarro de Andrade E *66920
Navel infection. See Omphalitis.
Navel orangeworm. See Myelois venipars.
Navicula *11553
Navicula bergeni 89427
Navicula radiosa *47749
Neanthe bella 30272
Nearctaphis n g *68848
Nearctodesmus 6352
Nebraska Agricultural Experiment Station 32761
Beef Cattle Research Station
Fort Robinson 84033
reports 72248 80836
Nebraska Farm Bur 63778
Nebraska Grain Improvement Association 12652 65013
Nebraska State Board of Agriculture 19615 55986
Nebraska State Irrigation Association 14097
Nebraska State Museum 85327
Nebraska University 5205 5653 70719 85327
Nebria *34212
Nebria cordicollis *6408
Nebria fontinalis *6409
Neck
horses *59955
Neckeraceae 11551 89418
Necraphidium n g *64293
Necrobacillosis
horses *33033
Necrosis
apples *90073
potatoes 29005
grapes *64377
Necrotic enteritis
swine 16101 77111
Necrotic rhinitis 5794 16088 51983
See also Infectious atrophic rhinitis.
Necrotic ringspot
cherries 581
Necrotic stomatitis 85246

*Text of this reference is not in English.

Item

Nectar 6170 20397 29395 48131 79640 90183 *694 *850 *6320 *20368 *21762 *22398 *29190 *39216 *56803 *73247 *77352 *89917 *89952
Nectarines
New Jersey 57558
New Zealand 20932 20933
prices 95098
varieties 13068 29984 30050 82232
Western States 29984
Nectaropetalaceae *80957
Nectria 64500 *47348 *72490
fruit *28853
New Zealand 38521
Quercus 72751
Nectria cinnabarina *12530
Nectria galligena *11941
pears *11877
Nederlands Genootschap voor Landbouwwetenschap Studiekring voor Proeftechniek *80831
Nederlands Vlasinstituut *29661
Nederlandsche Botanische Vereeniging *47208
Nederlandsche Heidemaatschappij 37976 *19616
Nederlandse Bond van Veehandelaren Afdeling Friesland *87731
Nederlandse Fruittelers Organisatie *1657 *65343
Needle blight
Cryptomeria japonica *72692 *72733
Pinus ponderosa 20345 64704
Needle cast. See Leaf cast.
Needleandthread. See Stipa comata.
Nègre L *23314
Negroes 37064 46744
education and training 37775 37783 37795 37854 37887 37891 55667 71809
farming 55013 79426
Texas 27898
See also under 4-H Clubs; Human nutrition; Social Welfare.
Nelima *24713 *68622
Nelumbium 20342 *12520 *39954
Nelumbium nelumbo 13 2476
Nelumbo. See Nelumbium.
Nemapogon granella *68655
Nemaschema 93778
Nemasoma 6352
Nematini *78048
Nematocerus 6466
Nematodes 603 606 12046 29035 47676 72475 72908 81095 81360 81361 *599 *612 *12047 *29044 *38843 *56620 *81356 *89742 *89750
Agrostis 89755
bananas *615 *89743
beets 20120 38842 *56625 *89753
cats 76553
cattle 23284
Chrysanthemum 30357 47684 72907 *81367
citrus 12042 20116 29046 47672
clover *598 *47677
coffee *614 *89743
control 609 3103 3105 3106 3117 4112 14246 14249 14252 21979 23284 29039 38836 38840 47678 47686 61503 72887 72901
control--cont. 74905 81359 91504 *3114 *12048 *12049 *56627 *64583 *89751
Convalleria majalis 20119
cotton 64584 72890
diseases 19873
ducks 68075
Eleocharis 38845
Europe *29040
Florida 47687
Germany *38839
goats 24161
grain *72905
grapes 64581
grasses 47679
Gt Brit 12045
Helleborus niger 72884
horses *84715
Hyacinthus 72896
Inga *89743
insects 16576 52605 94173
Iris 47680 72896
Lespedeza 23041
livestock 41848 83883
Lycopersicon 89749
Narcissus 20118 72896 85360
oats *601
olives 12043 29036 38834 47672
Oregon *72528
peaches 47675 47681 47682
pests 64587
Poa *81357
potatoes 600 12050 20117 56624 72893 72896 *12044 *29042 *47628 *47683 *89745 *89754
poultry 42656 84919
research *56625
rice 29047 56628 *89756
rye *72899
Scandinavia *20114
sheep 16027 24161 24168 42944 51835 85122
strawberries 72883
sugar beets 29043 64585 72909 *89741
tobacco 38841 66671 81355
tomatoes 38846 72894 *72885 *72900
Turkey *56623
Valeriana officinalis *47673
Vanda 604
vegetables 38833 *56626
See also names of nematodes and nematode diseases.
Nematodiasis 50849
Nematodirus 5660 85107 85130
Nematodirus spathiger 5698 24168
Nematus abietinus *34545
Nembutal. See Pentobarbital sodium.
Nemeritis canescens 6746
Nemestrinidae
as parasites 52590
Nemobius sylvestris 61275 69012 78233 78234
Nemognatha 77742
Nemopalpus 77841
Nemoptera *78260
Nemotaulius *94203
Nenemeca *77727
Neoaphrophora n g 93946
Neoascaris vitulorum *84744
Neobinghamia 72366
Neoblissus 16817
Neocatolaccus *34538
Neochalcis *6739
Neochalcoplacis *52404
Neoconocephalus infuscatus 6872
Neodasyproctus *25001
Neodikrella n g 85884
Neodiogmites n g *24792
Neodiprion 61108
Neodiprion lecontei 6697 6735 43741
Neodiprion sertifer 34501 *6702
Neodryocoetes *43472
Neoelaphrus. See Elaphrus (Neoelaphrus).
Neoempheria 77902
Neoeuxesta 60981
Neofabraea
apples 47531 56522
pears 47531 56522
Neofabraea malicorticis
apples 56573
Neognophomyia 52497
Neoheegeria 25137
Neoheegeria verbasci *25144
Neohipparchis. See Hipparchia (Neohipparchia).
Neoichoronyssus 16487 43378
Neoichoroyssus staffordi 16510
Neojaruma n g 85884
Neomegalonychus *52401
Neomegamelanus n g 61073
Neomenocria n g 52628
Neomeris *56307
Neomonecphora 43680
Neomycin sulfate 67344
Neomyobia 6370
Neomyzus circumflexus *6678
Neonicholsonia 28572
Neophalacra n g *68985
Neopirates n g 77971
Neoplasms 76789
Neopsylla bidentatiformis 69034
Neorautanenis edulis 2404
Neorhynchocephalus ackeni 52590
Neorthophlebia *6911
Neosaprosites n g *24734
Neoschöngastia 34164 93733
Neoschöngastia kohlsi(Brennan) See Neoschöngastia paenitens.
Neoschöngastia paenitens n n 77598
Neosciadella n g 68644
Neosprucea *81027
Neostephanus 52691
Neotemnopteryx n g *61274
Neotetrazolium 73309
Neotodorit *32924
Neotoma micropus 6357
Neotrabisus *16577
Neottiosporella triseti *81097
Neovossia horrida
rice 81215
Neozeugodacus n g 77872
Nepenthes 81047 *49012
Nepeta cataria 727
Nepholometers 47425 *49640
Nephopteryx *16939
Nephritis
cats 67810
dogs 15600 23488 67810 67837
Nephrochloris *81061
Nephrolepis *82392
Nephrotoma 6505 16666
Nephus 43451
Nepidae 61042 *93943
Neplas 24820
Nepticula *78131 *78133
Nepticula malella *25043 *78123
Nepticula ortneri *78134
Neptis 17018
Neptunia 174
Nerida 68644
Nerine 12110
Nerium *13309
Nerium indicum *64901
Nerium odorum. See Nerium indicum.
Nerium oleander 28413 *81765
Neroli oil 54700
Nerves 4212 67374 *4004 *22889 *23017
dogs 92753 *84516
horses *76633
insects 93904
poultry 84911
swine 85251 *93263
Nervous diseases 42966 50850 *51958 *67350 *75886
Nervous system 41828 *93929
cattle *59294 *41657
ducks 51650
horses 67903 *33049 *41657 *59294 *59935
insects 16264 43872 52035 78235 85636 85988 *85736 *85997
poultry 42719 76854
sheep 51845
swine *59294
Nesidiphillus 93700
Nesosteles 61037
Nesosydne 61100
Nesterov N S *28294
Nestima 43557
Nests. See under Poultry and names of poultry.
Net blotch
barley 72753
Netelia 43730
Netherlands Centraal Instituut voor Landbouwkundig Onderzoek *89160
Netherlands Instituut voor Tuinbouwtechniek *94221
Netherlands Landbouwvoorlichtingsdienst *88775
Netherlands Rijkslandbouwproefstation *83747
Netherlands Vezelinstituut T N O *8534
Netrocymbe *242
Neubauer's method *40466
Neumania *34186
Neuratelia 77862
Neureclipsis bimaculata 89424
Neurigona 16695
Neuroblasts
insects 43875
Neurofilaria cornellensis n g n s 51835
Neurofilariosis 51835
Neurohelea 68787 85789
Neurohindola n g *16843
Neuroleon 78261
Neuropeltis
Ivory Coast *38461
Neuroptera 34701 43918 78261 *52895
anatomy and physiology 43127
as parasites 52876
Australia 34707
East Africa 94193
larvae 43127
North Africa *78260
Norway *17160
Senegal *34702
Neurospora 20363 64575 73042 *89639
anatomy and physiology 56911 64759 73172 90137
biochemistry 1077 12535 12555 20441 29476 48181 *73340 *81760
enzymes 29490 48182
genetics 12229 29171 29142 29168 38968 47818 47844 47872 56739 81472 89894
Neurospora crassa 73157 81109

*Text of this reference is not in English.

Item

Neurospora crassa--Cont.
anatomy and physiology 64846
biochemistry 20444 48186
genetics 20221 29160 38995 64672 64686 64695 73050
Neuroterus 78053
Neuroterus lenticularis 16904
Neutrons 58073 66103
effects on plants 905 977 20315 39079 64862 81622 90084
Nevada Agricultural Experiment Station reports 56117
Nevskyaphis n g *68848
New Brunswick Dept of Agriculture 28271 47021
New England Forestry Foundation 50101
New England Green Pasture Program 1414
New England Pilot Projects 80529
New Farmers of America 46846
New Forest 31485
New Hampshire Agricultural Experiment Station 19709
New Hampshire Farm and Home Safety Council 52908
New Hampshire Forestry and Recreation Commission 14386
New Jersey Agricultural Experiment Station 39865 48866
New Jersey Dept of Agriculture 19618
New Jersey Economic Poison Act of 1951 28272
New Jersey Federation of Shade Tree Commissions 40094
New Jersey Mosquito Extermination Association 43601
New Mexico Agricultural and Mechanical College 37776 46622 47100
New Mexico Agricultural Experiment Station 83766
reports 72249
New Orleans Cotton Exchange 36019 79296
New Salem Massachusetts Academy 10735
New South Wales Dept of Agriculture 55987
New South Wales Dept of Lands 55403
New South Wales Egg Marketing Board 9507 63006
New South Wales Forestry Commission Division of Wood Technology 3798 59120
New South Wales Milk Board 7917 35813 94789
New South Wales Rural Reconstruction Board 9825 95744
New York Botanical Garden 28419 28445
New York Coffee and Sugar Exchange 25773
New York Conservation Dept Div of Lands and Forests 10317
New York(Cornell) Agricultural Experiment Station 72250
New York Cotton Exchange 36020 79297
New York Dept of Agriculture and Markets 11190
New York Farmers Beef Cattle Research Grant 59777

Item

New York(State) Agricultural Experiment Station 13122 17684
reports 56118
New York State Association of Milk Sanitarians 86674 87082 87083
New York State Colleges of Agriculture and Home Economics 63515
Extension Serv publications 55988
New York State Fair 37782
New York State Temporary Commission on Agriculture 37377
New York State Veterinary College 92326
New Zealand Central Milk Council 26059
New Zealand Co-op Rennet Co Ltd 86875
New Zealand Dairy Board 53734
New Zealand Dairy Products Marketing Commission 53834
New Zealand Dept of Agriculture 28274
Animal Research Div. 50957
New Zealand Dept of Lands and Survey 27653
New Zealand fiberlily 20078 73487 *70418
New Zealand flax 8501 *12701
New Zealand Forest Serv 50131
New Zealand Grassland Association 73595
New Zealand hemp. See New Zealand fiberlily.
New Zealand Marketing Dept 35265
New Zealand Meat Producers Board 9282
New Zealand Society of Animal Production 15238 67452
New Zealand Soil Conservation and Rivers Control Council 40883
New Zealand Tobacco Board 54933
New Zealand Wool Disposal Commission 88962
Newcastle disease 15842 33297 33276 42686 51641 68048 68067 84843 84847 84849 84880 84907 84909 84923 92981 93031 *5282 *5290 *5379 *15802 *23910 *23982 *33353 *42674 *68340 *76777 *84856
Alabama 15815
bats 15197
bibliographies 84849
Canada *33264
Chile *5285 *5380
Colombia *5325
Cyprus 51613
diagnosis *5290 *5359
France *84885
French West Africa *5358
hamsters 23709 33330 42514 84903
immunization 5319 5384 5385 5386 15821 15822 15823 23901 23958 23964 51618 51633 60112 60128 60152 60175 68046 68049 76828 84854 84909 93007 *5313 *33287 *60137
India 15821 51603
Mexico 84915
Netherlands 51624 *5359 *76835
peacocks 51624
Peru *60171
pigeons 42678 60145 *33252 *76777

Item

Newcastle disease--Cont.
resistance 23922 60016
Sweden *76814
transmission 5356 33256
turkeys *23982 *33353
vaccines 5307 5327 5357 15821 15823 15837 60118 60127 60151 68046
Venezuela *15820
Viet-Nam *76777
virus 5294 5298 5319 5356 5357 15197 15822 15827 23709 23904 23966 23979 33330 42253 42514 42680 42706 42721 51618 51648 51649 59997 60112 60127 60145 68039 68040 68074 76806 84846 84903 84904 84905 84915 93007 93009 *4131 *5312 *23898 *23947 *23984 *33287 *33252 *33311 *51602 *76847 *84917
Newspapers 9788 25627 27974
Nexol *16171
Nezara viridula 24930 77966
Nezhinskiĭ Veterinarnyĭ Tekhnikum *4220
Niacin 29476 73322 78245 90110 *39182 *39243
in cattle nutrition 15337
in duck nutrition 76843
in flour *19582
in food 38133
in grain 28229 39235 45499 56971 63943 81768
in human nutrition *11085
in meat 45715 47004 55950
in milk *79014
in pork 28230
in poultry meat 19585
in poultry nutrition 23791 23815 60069 60108
in swine nutrition 16058
in vegetables 63945 72107
Niacinamide 78245
Nicandra 89869 *52454
Nicandra physalodes *1042
Nicandrin *1042
Nicaragua Recaudador General de Aduanas *19495
Nicentrus 43461
Nicentrus testaceipes *16568
Nicholson R A 72200
Nickel 39260 73168 86668
Nickelammonium hydroxide 94923
Niconiades *43795
Nicostratus 16813
Nicotiana
anatomy and physiology 73309
genetics 29184 73059
hybrids 20242 *29002 *29162 *47766
See also Tobacco.
Nicotiana glutinosa 48151
Nicotiana rustica. See Aztec tobacco
Nicotiana virus 1 *47638
Nicotinamide *33505
Nicotine 47939 48149 *1049 *1056 *1057 *9719 *29376 *29456 *29457 *29872 *48193
in tobacco *71172 *82118 *88105 *90164
insecticides 6010 52171 52181 61110
synergism 33936 33937
Nicotine sulfate 36986
Nicotinic acid. See Niacin.
Nicrophorus 43446
Nictula n g 52699
Nielsen F *38231
Nigella *1993
Nigeria Cocoa Marketing Board 35542 86782

Item

Nigeria Cotton Marketing Board 36023
Nigeria Forest Admin 3235
Nigeria Groundnut Marketing Board 36736
Nigeria Oil Palm Produce Marketing Board 18648 95347
Nigericin 28409
Night blindness
dogs 15599
Night soil *14311
Nigrosine 15320
Nigrospora *81114
Nigrospora sphaerica 38706 90132
Nikitskiĭ Botanicheskiĭ Sad *1711 *29929 *82169
Nilsson-Ehle H *19629 *38232 *89116
Nimboa 94193
Nioro n g *6736
Nipaceae *38486
Nipagin *87057
Niphogeton 11485
Niptus hololeucus 60832
Nisin 43023 *79022
Nisquallia n g 94172
Nissen L W *47054
Nitella *72972 *81083
Nitocris *6420
Nitragin *21567
Nitrates 48143 50035 56871 64882 73317 *73182
determination *21528 *87751
effects on plants 12538 48123 81530 81646 82904 *12411 *56843
fertilizers 13822 30957 82904 *31036 *50032
in plant nutrition *1053
in plants 12237 12426 48184 56818 81572 *12389 *12496
in soils 66195 66264 *49431 *91218
USSR *91199
reduction *12246
toxicity 13822
Nitric acid 40932
Nitric oxide 54597 54604
Nitriles *87751
Nitritase 56907
Nitrites 12538 54647 64882 86064 86068
4-Nitro-benzenearsonic acid. See Arsonic acids.
3-Nitro-4-hydroxyphenyl arsonic acid. See Arsonic acids.
m-Nitrobenzamide 52530
Nitrobenzine 3783 3784 59117
o-Nitrobenzoic acid *35577
Nitroethane 12535
Nitrofurazone 23927 42671 76794 77111 *60131
Nitrogen 13764 14292 21789 22046 22063 64079 64902 *21553
determination 69559 *29482 *44681 *48140 *63089
effects on fibers *54081
effects on insects 6881
effects on plants 895 906 907 12267 12287 12322 12343 12346 12356 13905 29334 39080 39097 39164 39187 39209 39828 40671 47957 47960 48009 48128 56777 56789 56871 56913 64462 64709 64748 64886 73088 73093 73306 81675 89928 90097 90227 90483 *997 *12299 *12511 *20350 *20379 *39133 *39205 *40450 *48039 *48190 *81547 *89571

*Text of this reference is not in English.

Item

Nitrogen--Cont.
fertilizers 1740 1746 2702 2703 2748 2801 2820 2836 3122 3129 12367 13792 13890 13899 13922 13971 13999 14007 14260 21775 21776 21790 22011 29371 29583 30874 30884 30890 30892 30895 30898 30908 30912 30915 30920 30922 30927 30933 30965 30989 30995 31028 31031 31034 31268 39055 40611 40612 40614 40632 40636 40676 40681 40716 40729 40730 40911 49526 49527 49559 49564 49565 49576 49590 49611 49627 49638 49663 49701 49707 49713 49723 49735 49789 49791 50033 58265 58266 58276 58283 58323 58324 58335 58336 64839 65182 65183 66264 66274 66278 66350 66380 66396 66400 66408 66429 66684 66686 73439 74457 74563 74584 74600 74607 74613 74615 74627 74650 74656 74912 82808 82822 82825 82829 82863 82866 82868 82902 82921 82922 89944 91288 91312 91337 91347 *827 *2734 *2737 *2763 *2816 *3121 *3157 *11787 *11853 *12528 *13608 *14284 *20316 *21651 *21654 *21663 *21684 *21695 *21715 *21720 *21733 *30934 *30987 *31005 *31021 *31024 *31244 *40749 *49574 *49610 *49640 *49643 *49777 *58233 *58289 *58302 *58367 *66282 *66286 *74594 *74625 *74637 *74651 *74913 *81770 *82837 *82853 *82859 *82869 *82895 *82903 *91296 *91319
Australia 58239
Denmark *40705 *58286 *58287
Formosa 74932
France *31025 *49568
Germany *22006 *58311 *66296 *66318
Illinois 30959
Netherlands *83160
Northern Ireland 66374
Peru *49585
Spain *58570
Sweden *14258 *66326 *82802
USSR *31002
fixation 2623 12340 13985 20267 21790 39009 64909 66168 66247 91238 *13794 *13795 *13800 *21551 *21553 *21575 *30802 *30803 *49155 *74474 *74475 *74476 *82715
artificial 50039
Germany *14287
in animal nutrition 74495 75812 *15077 *59190
in animal physiology 4492 *84713
in blood *4927
in cattle nutrition 84232 *76389
in corn 56913
in feed *59190
in fruit juice 17721
in grain 26669 *26694
in hides and skins *36676
in human nutrition 96138
in insect physiology 34254 34631 77742 78196 *93347 *94183
in insects *16678
in malt 26755

Item

Nitrogen--Cont.
in milk 8007 17893
in plants 12540 20458 29311 29435 34645 39088 47979 48451 56816 56967 64736 73136 81668 81711 90181 90188 *1070 *13730 *27215 *39255 *39256 *64891 *81770
in retting *87193
in sheep physiology 16029 85079
in soils 13013 13984 21603 40439 40469 40905 49441 49541 49611 66686 66338 82691 82735 82831 82906 90227 91189 91242 *20413 *21549 *30753 *30765 *40511 *49414 *58113 *73283 *74481 *81669
Australia 91204
France *30752
Tropics *2725
USSR *40440
in sugar beets *88067 *95538
in tobacco 36985
in urine 75851
in vegetables 70620
in wheat 848
industry *14284
radioactive 29491 39007
Spain 83157
statistics 50041
See also subhead nitrogen fixation under Bacteria; Legumes.
Nitrogen compounds
fungicides 11805
Nitrogen dioxide *89490
Nitrogen mustard 973 6576 56820 59834 64769
Nitrolit *66895
Nitroreductase test *25997
Nitrous oxide *17580
Nitzschia *11553
NIUIF-1 *56431
NIUIF-100 *16501 *16672
Nocardia 12400
Nocardia vacinii
blueberries 64533
Nocticanace 60995
Noctuidae. See Phalaenidae.
Nodonata *52404
Nodules 20267 29351 29491 *12487 *20442 *48077 *49456
See also Bacteria, nodule.
Nola albula 34559
Nomada *6715
Nomada flavopicta *6748
Nomadacris septemfasciata 6838 17126 25089 78223 86030 *34672 *86023
Nomadopsis 52734
Nomia melanderi 68895
Nomograms. See Nomographs.
Nomographs 31097 *25463
Nonagria neurica 61253
Noord-Brabantse Maatschappij van Landbouw *10882 *10895 *10894 *10921 *10932 *96055
Nopalxochia. See Epiphyllum.
Nordihydroguaiaretic acid 35772 79087
Nordisk Metodik-Komite for Levnedsmidler 25615 *35223
Nordisk Skovunion *14338
Norges Birøkterlag *93634
Norges Landbrukshøgskole *19358 *80509
Institutt for Blomsterdyrking 13396
Norges Pelsdyralslag *15642
Norsk Forstmannsforening *14344
Norsk Fruktdyrkarlag *54293
Norske Meieriers Salgssentral *53824

Item

Norske Melkeprodusenters Landsforbund *17915 *70077
Norske Myrselskap *11192 *71980
Forsøksstasjon pa Maeres-myra *11305 *64914
Norske Skogselskap *3236 *66769
Norstrand E *78194
Norsulfazol. See Aulfathiozole.
North American Gladiolus Council 65681
North American Gladiolus Registry 73960
North American Lily Society 74049
North Borneo Forest Dept 31432
North Canterbury Farmers 80572
North Carolina Bankers Association Mid-Winter Livestock Symposium 45619
North Carolina Cotton Growers Cooperative Association 18128
North Carolina State Board of Health 85402
North Carolina State College of Agriculture and Engineering
School of Agriculture 88799
North Central Weed Control Conference 30636 79299
North Dakota Agricultural College 59629
North Dakota Agricultural Experiment Station
Dickinson Substation 3293 23845
reports 38313 47123 80837
North Dakota Farmers Union 19437
North Dakota State Hail Insurance Dept 55055
North of Scotland College of Agriculture 80536
North of Scotland Hydro-Electric Board 69475
Northeastern Dairy Conference 69946
Northeastern Weed Control Conference 21393 30582
Northern cattle grub. See Hypoderma bovis.
Northern Great Plains Agricultural Council 27534
Northern Insect Survey 6925
Northern Ireland Agricultural Research Institute 19706
Northern Ireland Ministry of Agriculture 11193
Northern masked chafer. See Cyclocephala borealis.
Northern Rhodesia Dept of Agriculture 11194
Northern Rhodesia Dept of Surveys and Land 55406
Northern Rhodesia Dept of Veterinary Serv 32375
Norway Skogforsøksvesenet *14564
Norway Statens Foredlingsstasjon for Svin *93199
Norway Statens Forsøksgard Kvithamar *40231
Norway Statens Kornforretning *54509
Norway Statens Landbrukskjemiske Kontrollstasjon og Frøkontroll *18734
Norway Statens Planteinspeksjon *11716
Norway Statens Småbruks-laerarskule *10753
Norway Storting Jordlov-komiteen *22143 *22171

Item

Nose
cattle *67759
dogs *4883
horses *5045 *33066 *59962 *84687
Nosema apis. See Nosema disease, bees.
Nosema bombycis *94179
Nosema disease
bees 6166 6243 34015 34051 34078 52237 52240 77405 77407 *6180 *16370 *16465 *24554 *24619 *33979 *34012 *43324 *68574 *77451
Nosodendron fasciculare *6473
Nosopsyllus fasciatus 6907
Nostoc 12340
Nosybus 78261
Notaphus *24719
Notaspis *93731
Notaulites *85887
Nothochrysa germanica *17178
Nothofagus 1928 75153
Nothofagus dombeyi 22668 59078
Nothofagus menziesii 75261
Notholaena arequipensis 11518
Notholaena tomentosa 11520
Nothopanax simplex oil 70961
Nothoravenella 56327
Nothrholaspis *93731
Nothris obscuripennis *16964
Notiophilus *34212 *60845
Notocrabro n g *16910
Notomma 93881
Notomma galbanum 93881
Notonectidae 52682 93984
Nototrichium 28605
Nottingham Road Farmers Association 19438
Nova Scotia Dept of Agriculture and Marketing 19619
Nova Scotia Dept of Lands and Forests 14387
Nova Scotia Inspector of Co-operative Associations 10906
Novopokrovskiĭ I V *64030
Novorossiĭskaĭa Mezhraĭonnaĭa Veterinarno-Bakteriologicheskaĭa Laboratoriĭa *22932
Noxious Weeds Act (Tasmania) 49334 74276
Nucellar bud seedlings 20160
Nucleic acids 989 72851 72994 73198
effects on plants 12433 20296
in animal physiology 59998
in insect physiology 24797 52568
in plants 574 48156 81487 *53411 *73342
in poultry physiology 51605
Nucleus 89804
Nullisomes. See Chromosomes.
Numismatics. See Coins.
Nuphar *672 *39954
Nupserha *6419 *6420
Nupserha bicolor postbrunnea 93751
Nurse crops 39326 *3456 *31741 *50351 *66965 *82051 *82059 *90312
Nurseries 20823 29879 *20805 *29969 *65305 *82650
Argentina *48661
Australia 1584
Canada *1567
catalogs 57410
conference and congresses
Austria *12923
Denmark *2031
directories 57424
California 20788

*Text of this reference is not in English.

Item

Nurseries--Cont.
directories--cont.
Indiana 24345
Missouri 20813
Tennessee 29910
Union of South Africa 65311
diseases 56563 *60596
equipment 25385
Europe 20807
forest 3446 14595 22354 31631 56563 66970 83408 91821 *14245 *14605 *22351 *40580 *50257 *50331 *50348 *66945 *66961 *73944 *91848
Argentina *41210
Australia 31676
Canada
British Columbia 83403
Colombia *83418
Denmark *14005
directories 14628 41250 75349
diseases 82918 *50330
equipment *83410 *91804 *91847
Georgia 75311
Germany *14626 *22360 *66954 *91816 *91855
Russian Zone *91826
Japan 3433
Louisiana 91845
management *31708
Massachusetts 50346
Montana 66956
Ohio 83405
Pennsylvania 3464
pests 16636 *91505
Puerto Rico *21940
Sicily *50343
stock *75080 *75313 *91833
Sweden *41234 *50314
USSR *31739 *58824 *75080 *75300 *75313 *83407 *91599 *91840
weed control 13627 31665 40291 40307 49279 74291 82547 *30501 *40300 *49283 *74314
work management *31726
fruit 20926 48692 *1762 *13077 *65297 *90677
Belgium *65283
Denmark *48706
equipment *94246
Israel *1638
Norway *1640
pests 34489 *60841
stock *48706 *90659
USSR 48887 *1661 *13110 *39742 *48746 *57451 *57456 *57470 *57478 *60841 *90647
Germany *90511 *90512 *90536
Gt Brit 12906 48959 *29882
irrigation *20789
management 48677 65285
Netherlands 90706 *1596 *29893 *48944 *54947 *58277 *65301 *73724 *88575
New Zealand 20816
Norway *1597 *73995
Oregon 73708
pests 25066 43214 93480 *68858 *68859
regulation and inspection 1601 6016 20807 73708
soils 21664 83171 91339 *40586
stock 1549 1562 20850 30219 39671 48996 65441 65498 *12900 *13129 *29947 *39685 *73943
Austria *48725 *48816
California 37017 73710
Canada 63188
certified 374 1564 11672 12955 13026 19958

Item

Nurseries--Cont.
stock--cont.
certified--cont.
20820 40067 57424 73781 73784 *1610 *12955 *48816 *73731
defoliation 1602 29365
diseases 551 64529
Florida 90593
Indiana 39684
marketing 37017 54287 63188
Michigan 40067
Netherlands *1610 *1986 *73731
quality *1685
regulation and inspection 73710 85430 89484
storage 20432
trade 19473 *28117 *38013 *38017 *66945
transportation *1708 *48720
Sweden *65557
USSR *2857
weed control 13628 30518 *2357 *2360 *17306 *65952 *91013
Yugoslavia *82135
Nurserymen 12903
Nurses 37829
Nut Growers Society of Oregon and Washington 48876
Nutgrass. See Flatsedge nutgrass.
Nutgrass flatsedge. See Cyperus rotundus.
Nutmeg 69808 86707
Nutria. See Coypus.
Nutrient solutions for plants *29402 *47894 *47975 *48033 *48105 *56796 *89991
effects on germination 12582
foliar application 907 2716 3005 12506 20317 *827 *917 *20348 *21791 *81625
hydrogen-ion concentration 20322
See also Soilless culture.
Nutrition, animal. See Feed; Soils, plant-animal relations; names of feeds; and subheads feed; feeding and nutrition; in animal nutrition; in cattle nutrition, etc. under specific subjects.
Nutrition, human. See Human nutrition.
Nutrition, plant. See under Plants.
Nutrition Foundation 28191
Nutritional diseases
dogs 67838
livestock 83783
mink 67862
poultry 76853
See also Deficiency diseases.
Nutritional edema 67269
Nuts 8632 26465 36136
analysis and composition 70548
breeding 39919 48894
California 79534
contamination 70548
costs and returns 10370
culture 48897
Minnesota 30141 65482
Northeastern States 48892
Switzerland *1864
USSR *30145
damage 95111
diseases 28809 56415
drying 8261
fertilizers 40661
harvesting 25332 86263
hybrids *30148

Item

Nuts--Cont
industry 18196 36106 36117
injuries 11661
irrigation 49897
marketing
Gt Brit 36205
Minnesota 39911 57624
Pennsylvania 12928
pests 28809
processing 36288
propagation 21014
refrigeration 8922
rootstocks 603 *20859
statistics 36310 62659 95150
storage 70671 95111
trade 62659 72077 *10985
Union of South Africa 21011
USSR *30148 *90702
varieties 13133 48693 65354 *1871
Nuttall T 28536
Nuttalliosis
horses *5018 *15676
Nyasaland Dept of Agriculture 11195 80729
Nyasaland Dept of Veterinary Serv 4143
Nyasaland Forestry Dept 31433
Nyctemeridae *25049
Nycteribosca 6534 60933
Nycteribosca africana *16711
Nycteribosca gigantea 77815
Nycterodina n g *52404
Nygmia phaeorrhoea 43853 *68954 *94108
Nylon 62406 74418 *8443 *8447
Nymphaea 21190 *13303 *39954 *78153
anatomy and physiology *672 *854 *29098
culture 1982 30195
cytology *64620
France *30291
Nymphaea tetragona *89341
Nymphaeaceae *855 *56693
Nymphalidae *43755
Nymphoides flaccida 64223
Nymphomania
cattle 84308 84419 *15492 *67605
mules 59945
Nysius 6689
Nysius vinitor 24952 61076
Nyssa 41650
Nyssa sylvatica 83309
Nysson *68908
Nzidora n g *11450

O & A Electric Cooperative (Newaygo Michigan) 25540
Oak. See Quercus.
Oak wilt 47521 56555 *47583
Oat flour *9020
Oatmeal *72146
Oats 47930 57060 *20550 *81853
analysis and composition 45515 *18408 *87653
anatomy and physiology 824 1020 12286 12339 12385 12479 19754 20291 20550 29214 29237 29289 29371 39015 39041 39183 47881 47923 48029 56761 64124 64799 73089 81524 81585 81611 89996 90095 *988 *999 *12551 *39028 *48027 *48045 *64741 *73192 *81653 *81662
biochemistry 26669
breeding 1186 29570 57142 90237 *471 *39311 *48340
costs and returns 95842

Item

Oats--Cont.
culture 39383 48251 81834
Denmark *48311
Finland *39309
Germany *48342
Netherlands *57066
Southern States 90264
Spain *64983
Texas 90276
digestibility *23617
diseases 407 11812 20060 28805 38669 38712 47550 48111 81261 81585
Arkansas 11924 56434
Canada 81238
Florida 89587
Georgia 11924
Gt Brit 89547
India 478
Mississippi 11924
resistance 56520 64422 *471 *28927
U S S R *471 *47579
enzymes 45558 87601
feed 5648 9107 23809 39383 51571 51936 76172 *5211 *33193 *33217 *79228
fermentation *9088
fertilizers 30984 40612 49559 74608 *91314
forage plant 48546 81881 95842 *82074
genetics 38972
Germany *8998 *62757
germination 29414 48298 *5211 *57131
grading and standardization *54421
harvesting 12615 36454
hybrids *12221
Illinois 29608
injuries 89556
marketing *36355
milling *54522 *62738 *79228
Netherlands *20560
nutritive value *8973
pests 60554
pollination 824
prices *8998
processing *9045
proteins 45515 *8973 *84640
quality *9088
research *20598
seeds *73425
certified 63076
quality 73464
treatment 29289 56470
U S S R *57049
vernalization *20334 *81693
soils *2608 *49459
Spain *36355
statistics 26749
storage 9107 36454
U S S R *12221 *82049 *82074
varieties 1239 1253 12592 29414 29572 39401 45515 48329 73424 90269 90283 *39314 *73390
Arkansas 81881
Australia 39375
France *90280
Germany *1187 *48324
Kentucky 1197
Mississippi Delta 29534
Nebraska 20583 57126
Netherlands 65016
North Dakota 12672
Northern Ireland 29600 65040
Norway *81854
Southern States 29621
Sweden *48282 *91517
U S S R *39357 *73427
weed control 21412 65980
wild 49286 91058 91090 *2345 *57971 *73612 *74315
Wisconsin 57136
yields 47923 74544

*Text of this reference is not in English.

Item
Ob 21
Obarza n g *435
Obelistes *6754
Obenbergerellini n tribe 52409
Obereopsis *52706
Oberösterreichischer Land- und Forstarbeiterbund *6420
Obriomaia *18956
Obrium *52454
Obstetrics *34218
*4068 *4156 *22967 *32305 *92283
cats *76570
cattle 32694 *42122 *92643
equipment *32335 *41865
dogs *76570
horses *23614
study and teaching 59349 *59328
swine *5802
See also Cesarian section; Dystocia; Retained placenta; and subhead parturition under names of animals.
Occupational diseases. See under Dairy industry; Veterinarians.
Occupations 27366 37548 46602 80098 80538
See also Employment; Farms and farming; under Women; and subhead as an occupation under specific subjects.
Ochlodes 34614
Ochna multiflora *47737
Ochnaceae 66865
Ochrogaster contraria 34611
Ochroma 3813 59026
Ochroma lagopus 25082
Ochromonas 64283
Ochronosis
poultry *51655
Ochrosphaera neapolitana
cytology *64634
Ochteridae 68813
Ochterus 68813
Ochterus banksi 16799
Ochthebius 43412
Ocimum *2438
oil 70967 79816 *87889
Ocimum gratissimum 79816
Ocimum kilimandscharicum 13718 70967
Ocimum menthaefolium *87889
Ocimum suave *71008
Ocnogyna latreillei *17044
Ocotea
oil 45790 *54740
Ocotea guyanensis *72956
Ocotea usambarensis 22730
Octamethyl pyrophosphoramide. See Schradan.
Octomeria semiconnata 74089
Octomicrus *77727
Ocularia 93778
Ocularlini n tribe 93778
Odonata 25126 34701
Africa 94125
anatomy and physiology 78280 *17171 *25147 *69047
Belgium *43932
Canada 6925 69054
collecting and preserving *6917 *69051
collections *86086
Germany *17153 *86086
Gt Brit 43133 52893 61300 69044
habits and behavior *25150
Indiana 17167
Ireland 17165
Italy *78279
migrations 34703 34715
Netherlands *43920
North Africa *78260
rearing and breeding 78263
Senegal *34702

Item
Odontella *69031
Odontites sirotina *49367
Odontocera 60826
Odontodynerus *52694
Odontoglossum 82450
Odontoglossum grande 48909 90847
Odontoglossum rossii 65499
Odontoglossum smithii 21060
Odontognophos n g *86016
Odontophotopsis 61136
Odontopyge *24672
Odontotermes obesus 81529
Odontothrips 25137
Odontria 6456 25048
Odor
effects on insects *52299
Odynerus emortualis *6701
Odynerus reniformis *78014
Odynerus spinipes *16914
Oecetis 17149
Oecobius 77631
Oedaleothrips 86083 86084
Oedaleus abruptus 43873
Oedematopus *116
Oedemeridae 6405 34296
Oedionychus *77662
Oegoconia 94046
Oehmea n g *80948
Oenas *34250
Oeneis oslari 68913
Oenothera 47196 89304 *90078
cytology 12133
genetics 38979 *47833 *47838 *56745 *56875 *81477 *89908
Oenothera acaulis 56263
Oenothera hookeri *47838 *56875
Oesophagostomiasis 59745
Oesophagostomum dentatum *24307
Oesophagostomum venulosum 42947
Oestranthrax 16731
Oestridae *77857 *85315
Oestromyia satyrus *43517
Oestrus. See subhead estrus under names of animals.
Oestrus caucasicus gvozdevi *60923
Ofcookogona n g 17145
Off International des Epizooties *4144 *32348 *41834 *41873 *51495
Off International du Vin *7750 *35571 *53668 *61969 *61970 *61984 *69864 *69865 *78909 *86784 *86785
Ogcodes *77896
Oglevskii V D *31636
Ohio Agricultural Experiment Station 38291
Ohio Bankers Association 88194
Ohio Dept of Natural Resources
Div of Forestry 3238 58661
Ohio Farm Bur Federation 46876
Ohio State University 21206 24226 93090
Ohio State Veterinary Medical Association 92262
Ohlsens (J E) Enke Plantepatologiske Laboratorium *81155
Oidium *81302
Crotalaria retusa 11868
Hevea 56576 72690 72796 *11933 *64514
Melilotus parviflora 72717
Oidium aurantiacum *7962
Oidium farinosum
apples *11832

Item
Oidium heveae 72690 72796 72797
Oidium simile 11593
Oidium syringae *38748
Oihus n g 68644
Oiketicus zihuatanejensis *25081
Oil plants *57365 *65236
acreage and area *7675 *87874
analysis and composition *70939
anatomy and physiology *48006
breeding *57352
culture
Denmark *48591
Morocco *57358
Sweden 90446 *12634 *12845 *90447 *90451
diseases *60581
fertilizers *40685 *40698
France *78697
French Colonies *62968
Haiti *87874
New Mexico 74380
pests *60581 *77216
planting *57097
seeds *89473
Sweden 54745 *1501 *7675 *18649 *60581
Tanganyika 49364
Union of South Africa 57366
U S S R *20746 *48580 *57097 *57351 *58042
varieties 74380 *57351
See also Oilseeds.
Oilcakes. See Oilmeal.
Oilmeal 91540
analysis and composition 9382 87143 *70939 *95340
Austria *8387 *62309 *67590
Brazil *75798
feed 15358 32251 45106 75740 *3891 *8387 *41706 51130 *51587 *67301 *67590 *75752 *75798 *83726
fertilizer 49587 91540
food 15358
France *67301
marketing 70319
processing 45106 87143
statistics 9407
Sweden *35876
vitamins *79792
Oils and fats 36722 63226
analysis and composition 9436 35677 36684 36712 54594 54702 54707 54723 54724 54739 54751 62917 62921 62950 70925 70927 70931 70935 70937 70943 *9442 *9459 *9496 *26919 *26958 *36696 *36710 *36730 *45780 *45817 *70946 *87859 *87901
animal 9352 9373 62961 70819 *54572 *60185 *62819
analysis and composition 26818 *36554 *62816 *62822
Gt Brit 70781
U S S R *26886
Argentina *9497
bacteria 95336
Belgium *87911
bibliographies 54689 62891
chemistry 9484 18635 36699 36729 70906 95337 95339 *9441 *18627 *26942 *26956 *54732 *62923 *70933 *79807
clarification 62943 62969
color *26919 *45817 *62952
conferences and congresses 62938 70904
consumption *87895 *87911
contamination 35677

Item
Oils and fats--Cont.
determination 7460 8002 36555 79797 *25614 *28404 *44420 *44826 *45805 *45852 *62949 *69566 *69989
directories 70906
drying 18620 62920 87642 95355 *13656 *62908 *70933 *70980 *95326
edible 9425 9456 36733 70944 70990 70992 *9443 *9444 *9481 *26963 *28227 *62952 *72032 *79785 *87911
exchanges 36705
extraction 9352 9491 18656 36695 62957 70915 70969 70987 79795 79796 87845 *18644 *26935 *36714 *62935 *62946 *70956 *95328 *95333
equipment 36692 62937 70918 70976
feed 92223 *32614 *32634 *41833 *92529
flavor and odor 70945
Germany *9443 *26956 *62953 *87872 *87895 *95346
grading and standardization 9431
Gt Brit 9430
hydrogenation 26981 36737 95337 *79037
hydrolysis 44792 62066 95336
in seeds *48178 *70532
India 9491 41609 70915 70929
industry 62957
Brazil *70950
Germany *95346
India 18637
Madagascar *79799
Morocco *18624
Spain *45772
Union of South Africa 57366
Japan 18634
legislation *8094 *9443 *87857
marketing *71007 *95346
microorganisms 36734
nutritive value 28162 28164 28197 67275 72085 72141 *26963 *28227 *46994
oxidation 9411 9455 36689 36734 70925 70945 *26947 *87847
plant sources 32119 50584
preservation 70992 *26894 *87847
prices 45803 *79804
processing 18664 62909 62917 70909 70949 70977 *18627 *18645 *26886 *26963 *26978 *36658 *36714 *36732 *45812 *54140 *62901 *70923 *79757 *79782
properties 9492 54758 *9459
regulation and inspection *17942 *26086 *54725 *87857 *94808
research *9442 *9460 *9501 *45773 *95348
situation and outlook 7874 9412 9471 9472 9484 18616 18622 26966 36686 36727 36756 45821 87843 *9386 *54729 *70908 *87849
Central America *9487
Denmark *45814
Europe *9487
Far East *9487
France *26936
French Colonies *62968
Germany *9449 *9461 *54578 *62953 *62966
Gt Brit *9487

*Text of this reference is not in English.

Item

Oils and fats--Cont.
situation and outlook--cont.
Greece *79779
India 70949 70978
Israel 26975
Italy *62897
Japan *26950
Mexico 9488
North America *9487
South America *9487
Spain *45751
spoilage *62951
statistics 9407 18634 *62953 *95345
storage 18633 62902
study and teaching 18637
Sweden *79804
synthetic 62954
trade 28146 *72032
Argentina *9497
France *72082
Germany *62966
Morocco *18624
utilization 9366 26923 36727 70941 70990
vegetable 9411 9431 9484 9492 18664 36695 36699 45789 54701 62249 62950 62969 70941 70953 70955 70969 70983 78974 79129 79177 79789 87838 95360 *26935 *26957 *26968 *44202 *45812
Angola *71010
bibliographies 54755
chemistry 9410
India 62933 71007 87867
Southwestern States 45782
waste *36720
vitamins 70943 *79792
See also kinds of oils and fats.
Oilseeds 54720 56853 62934 79793 79830 *62945
analysis and composition 9382 *70939 *95340
Austria *26937
Cameroun *79781
enzymes 18653 18654 36744 45802
French colonies *87852
Germany *9420 *45822
Russian Zone *71002
India 9438 9491 45774 54720 70986
industry 9491 *26937
marketing 18642 *79623
molds 36743 45802
New Mexico 74380
prices 45803 *95335
processing 79795 79796 87845
proteins 18642
statistics 9407 9438 87679 *9420 *45822 *79623
storage *62935
Sweden *95335
Texas 87285
vitamins *79792
waste 17561 *75790 *87851
West Africa 49357
See also Oil plants.
Ointments *22983 *23040 *41912 *67733
Oiticica oil 9398
Oklahoma Academy of Science 38175
Oklahoma Agricultural and Mechanical College
Extension Div
publications 89092
Oklahoma Agricultural Experiment Station
Kiamichi Field Station 82137
publications 11196 47023 89092
Southeastern Soil Improvement Station 74529

Item

Oklahoma Corn Performance Tests 29536
Okra 13496 54240
breeding 582 81014
diseases 582
fertilizers 49647
fiber 54240
packaging 26622
processing 26622
Okra oil 18632
Olacaceae *80957
Old age 46605
Old-age insurance 18905 37145 *46120 *55058 *71265 *80066 *88246
Oldenlandia biflora 90148
Oldham Master Cotton Spinners' Association 36025
Oleaceae 64235 89861 *56988
Oleander. See Nerium.
Oleandra *64652
Oleic acid 9373 *26963 *54694
Oleo oil 36559
Oleoresins 30571 39001
Olethreutidae 6765
Olethreutidae. See also Eucosmidae.
Olethrius 68644
Olfactory sense 85725
Oligocaemia 17152
Oligomerus ptilinoides 60849
Oligomyrmex 61143
Oligomyrmex bruchi *34521
Oligoneuriidae 25122
Oligovonones n g *68596
Olios 77631
Olive cake *18661
Olive fruit fly. See Dacus oleae.
Olive oil *9480 *45763 *54752 *70948 *87880
adulteration *36753
analysis and composition *9388 *9399 *18631 *45795 *45815 *70989 *79817 *79818 *87823 *87830 *87887 *87905 *87910
Argentina *62907
Belgium *71005
bibliographies *36751
chemistry *70981
containers *70924 *87841
directories *45751
effects on plants *47934
extraction *9388 *9408 *18621 *18625 *26961 *26969 *36703 *36704 *45792 *45794 *45804 *54715 *62895 *62906 *70924 *71003 *79778 *79823 *82188 *87826 *87827 *87885 *87902 *87909 *95350
flavor and odor *18626 *36702
France *54698
grading and standardization *36702 *87865 *87904
history *70958
industry *9414
Algeria *62929
Italy *9381 *18612 *53396
Spain *45751 *45796 *54713
Italy *9408 *62897 *70974 *87834 *95324
labeling *9490 *87841
marketing *45793 *70917 *79786
microorganisms *62906
Morocco *79775 *79776
nutritive value *72127
oxidation *79777
policies and programs *18652
prices *9381
processing *9416
properties *87877
quality *48739 *87841
regulation and inspection *9404 *87824

Item

Olive oil--Cont.
Spain 62965 *9406 *45751 *45795 *79784
spoilage *79777
statistics *95345
tests *18626
trade *11000 *72043 *88956 *88968
Tunisia *18660 *70985
vitamins *18625
waste *9415 *45813 *62910 *79818
Olives 54310 *45797
Algeria *18655 *65404
analysis and composition *79817 *87850 *87886 *87910
anatomy and physiology 89861 *918 *20145 *38892 *39020 *39113 *47767 *48055 *64636 *72992 *81652 *81698 *89853 *89918 *89941 *89942
Argentina *1706 *9385 *95331
bibliographies *13018 *90598
biochemistry *29473
breeding *20889
California 29998 48753
canned 54310
conferences and congresses *13001 *26943 *87840
containers *87882
costs and returns *95331
culture 13000 20902 *12951 *20898 *29987 *39788 *48739 *57507 *65373 *65395 *82188 *82192 *89541
Algeria *39771 *39789 *91471
Argentina *65371 *65379 *82193
Italy *359 *13028 *29970 *48737 *57493 *65393 *82178 *82191
Libia *1710
Mediterranean Region *90578
Mexico *57499
North Africa *20903 *29975
Spain *39784 *82186
U S S R *1705 *39778
diseases 12043 12414 29036 38834 47672 72673 *586 *11862 *11863 *20110 *38718 *38816 *44211 *47474 *47618 *81182 *93379
Brazil *19902
Italy *359 *19892 *72538 *73788
resistance *90597
Sardinia *19902 *89580
transmission *6728
equipment *44211
fertilizers *58235 *66489 *82903
folklore *62948
France *29992
grading and standardization *87881 *87882
hardiness *73788 *90597
history 1697 54741 *45768 *45783 *45801 *54746
in literature *13008
industry 54741
Argentina *65379 *95331
Italy *36687 *87902 *87903
Mediterranean Region *45799
Mexico *45787
Spain *26928 *54730
irrigation *66489
Italy *18628 *79773 *90596 *90597
labor *55352
leaves *3910
management *55352
Mediterranean Region *65481
Mexico *73764
Morocco *18609

Item

Olives--Cont.
pests 77932 *16739 *25097 *43197 *43678 *77884 *93379
planting *29969
policies and programs *45752
Brazil *70926
Chile *45786
Italy *26924 *36687
Spain *79824
Tunisia *27594
pollen *73312
prices *54703
processing 26598 95105 *9393 *9399 *9426 *9483 *18311 *18317 *26594 *26954 *26955 *26974 *36704 *36749 *45406 *45758 *45759 *45762 *54697 *54738 *62905 *62940 *70981 *79780 *87828 *87829 *87868 *95344
propagation *1692 *20880 *20903 *30000 *39782 *48749 *73775 *82179 *82183
pruning *39772
research *29997
Sicily *81698
Spain *45770 *45809 *45820 *54703 *70972 *79814
statistics *18628 *26920 *26921 *26927 *26977 *45797
storage *95354
taxonomy 47292 *80963
thinning
chemical 57501 65384
trade *88968
Tunisia *54743
varieties 20900 *13712 *29998 *39774 *39780 *48753 *65404 *90596 *90597
waste 53571 *36703 *70998 *87885 *87886 *87909
analysis and composition *45805 *62949 *70998
feed *3910 *3911
processing *95333
Spain *79817
Oliver F W 19631
Oloessa 68644
Omaha Grain Exchange 45563
Omaliinae 43476
Ommata 60826
Omnivorous leaf tier. See Cnephasia longana.
Omolipus 77760
OMPA. See Schradan.
Omphale 34508 *68881
Omphalia 72501 *89466
Omphalia flavida. See Mycena citricolor.
Omphalitis
poultry 33323
Omphisa anastomosalis 16637
Onchocerca *84681
Onchocerca cervicalis *92850
Onchocerca reticulata *84650
Onchocerca volvulus 24811 85733
Onchocerciasis 24811 43499 43594
horses *24842 *52563
man *52563
Mexico *52563 *77912
Oncideres 52421 93778
Onciderini 52421
Oncidium kramerianum 56250
Oncidium sawyeri 28619
Oncidium wentworthianum 30161
Oncocephalus *52677
Oncocephalus squalides *16815
Oncopeltus fasciatus 16802 34277 68806
Oncopera 16547
Oncopera intricata 17089
Oncotylus viridiflavus 43669
Ondontocidium smithii 13197
Oneilella *24982

*Text of this reference is not in English.

Item

Ongokea klaineana
oil *9445
Onion thrips. See Thrips tabaci.
Onions *20381 *30459
abnormalities *64621
analysis and composition 73086 79368 87364
anatomy and physiology 785 900 12354 20322 29412 39106 47789 47999 64761 73092 73185 73193 *786 *1001 *12360 *20163 *20325 *20403 *29300 *64705 *73304 *89957
Argentina *45301
biochemistry 12522 *20433
breeding 65913 *2263 *20403
culture 30458 30470 40162 82527 *21298 *30441 *57814
Brazil *90960
Canada 65846
Colorado 30406
Costa Rica *30414
Cuba *40235
Czechoslovakia *49190
Israel *2307 *21289 *65912
New Zealand 82488
Philippines 13486
Sweden *30449 *65907
Tasmania 21321
Texas 82492
U S S R *40149 *57806 *90918 *90974
cytology 691 38943 56858 89864 89983 90000 *23092 *38898 *56709
directories 9629
diseases 11694 28913 38717 47588 56427 87483 *382 *56486
equipment 52959 78447 94312
feed *83912 *92328 *93020
fertilizers 20325 *13981
flavor and odor 87364
genetics 73086
Germany
Russian Zone *82525
germination 56824
history 13509 *57814
hybrids 49186
Idaho 45477
irrigation *91389
Israel *95026
Japan *57890
labor 52959
Madeira *26464
pests 5926 34356 34724 38717
control 61308 69049 93510 93843 *16672
planting 30432 *21275
propagation 49123
seeds *30449 *62587
certified 9629
storage *62613
treatment *49145
U S S R *90936
Utah 90937
spraying and dusting 47589
sprout prevention 879 12507
storage 79474 *13981 *21298 *62587 *62612
diseases 11940 87483
Germany
Russian Zone *82525
Israel *87486
Morocco *36273
therapeutic use *67415
trade *26464
U S S R *2208 *2245
varieties 2258 *65906
Israel *21282
Japan *57837

Item

Onions--Cont.
varieties--cont.
Netherlands *74218
North Dakota 57880
Transvaal 65918
U S S R *2176 *2299 *20433
Yugoslavia *90912
weed control 2400 13532 21341 21378 30493
wild 66000
Oniscus asellus 93701
Onobrychis. See Sainfoin.
Onobrychis arenaria. See Hungarian sainfoin.
Onopordon *56190
Onotokiba *52401
Ontario Agricultural College 47124 51925 71827
Ontario Association of Agricultural Societies 10908
Ontario Crop Improvement Association 73373
Ontario Dept of Agriculture 10908 19620
Ontario Dept of Lands and Forests 55407
Ontario Plowmen's Association 21816
Ontario Veterinary College 32380 51925
Onychiurus *69031 *86077
Onychiurus ambulans *69031
Onychiurus armatus *69031
Onychiurus auctorum *69031
Onychiurus vanderdrifti *61296
Onychiurus yagii *94197 *94198
Onychogomphus 94125
Onychostreptus n g *52345
Onychostylus *6874
Oocystis marina *56314
Oodes *6410
Oomycetae *81084
Oontelus *77804
Oophorectomy 24150 59945 *33757 *51164
Oopsidius 68644
Oopsis 68644
Opatrinus *16595
Opatroides frater 60837
Operculatae 12147
Operophtera brumata *16967 *17097 *25042 *34575 *61211
apples 94074
Ophiobolus *47348
Ophiobolus graminis 56320 *64421 *81301
grain 72659
grasses 72659
Ophioceras *47348
Ophioglossaceae *47303
Ophioglossum *89381
Ophioglossum vulgatum *29215
Ophiomegistus 60772
Ophiomeliola *242
Ophiomyia *34379
Ophion *61126
Ophiorrhiza lanceolata 47298
Ophiostoma 56953
Ophrynella 78055
Ophthalmology 4900 *22977
Ophthalmoscope 76524
Opiliones. See Phalangida.
Opiona n g 6352
Opium poppy. See Papaver somniferum.
Opius 16751 61117
Opius fletcheri 60954
Oppia 43380
Oppland Landbruksselskap *80730
Opsebius diligens 52575
Opunteae 64641
Opuntia 2333 38937 *49097 *80949 *80950 *90822
Opuntia ficus-indica *668 *38730

Item

Opuntia leptocaulis 13360 73236
Orabatidae *43388
Orange juice
analysis and composition 8675 45315 54206 *8676 *79360
canned 36235 72128 79432
chemistry 26479
concentrated 54320
consumption 18240
flavor and odor 36235 36290 36291 79432
frozen concentrate 8856 36290 36291 45457 95121
analysis and composition 8675
bacteria 54225
costs 45461
grading and standardization 36239
keeping quality 54319
marketing 8746
microorganisms 70529
nutritive value 72128
packaging 95087
vitamins 55917
nutritive value 72128
pasteurization 36298
processing *87518
spoilage 79432
storage 36235 54226
Orange oil 9447 26931 26959 36700 45769 54700 79432
Orange-striped oakworm. See senatoria Anisota.
Oranges 1718
Algeria *48761
anatomy and physiology 881 12470 29278 29329 47906 47929 48117 73011 73271 73291 *695 *12279
biochemistry 39260 *64870 *64878
breeding
U S S R *57503 *57518
coating 36282 62604
consumption 18240
contamination *54321
cooperatives 26519
costs and returns 19178
California 10375—10377 37576 88564
culture 27649 39767 65370 *82176 *82177
diseases 517 29036 *298 *28909 *28989 *47389 *56376 *72845 *81145
feed 32636 84232
fertilizers 31000 66341 *2816 *21736 *40916
grading and standardization 54326
harvesting 73791
history 39781
India 13027
Italy *26470 *73796
jellies and jams 54333
keeping quality 517
marketing 8694 26568 36178 36210
Mexico *88462
molds 26617
nutritive value *46998
pests 34452 61044 68518 *43655 *52679 *60934
pollination *1701
preharvest drop 39785 56802 *2816 *20266 *29239
prices 26568 36253 95099 *8811
processing 62604 70637
public relations 79396 *8723
quality 36253 *13012

Item

Oranges--Cont.
quarantine and inspection 77265
rootstocks *48755 *73783
seeds *1701
size 1688 30006 31000 *48756
soils 13006 *30997
Spain *9981
spoilage 87449
spraying and dusting *43655
storage 8855 26617 36282 62604 70647 87434
trade *9981
U S S R *57518
varieties 13009 45315 *1716 *26470 *39794 *48755 *57518 *73796
vitamins *55938 *89054
yields 13006 31000
Oranoma n g *24923
Orbicula 11593
Orchardgrass. See Dactylis.
Orchards. See under Cover crops; Fruit.
Orchidaceae 13280 21123 27224 30255 48968 65493 65604 82308 90725 *127 *13292 *21155 *49046 *82414
Africa 47291 65719 *30229
anatomy and physiology 12348 29118 72971 81621 81742 *20169 *29096
Argentina *74115
Australia 38465
Brazil 21020 64168 72354 *49047 *49073 *65743 *82434 *89342
breeding 13201 13405 49006 65810
Burma 89299
California 11466
Caroline Islands 28542
Chile 74073
collecting and preserving 13306
culture 2150 13179 13263 13287 13305 13367 21156 30249 30346 39929 39965 39984 44304 61630 65527 65603 65672 69425 74030 82399 82410 82411 82460 83176 86436 90723 90789 91396 *21116 *30363 *65591
Canada 82335
Florida 30201 65653
France 30284
Germany *30318
Gt Brit 57709
Hawaii 82381
Philippines 90861
diseases 9725 12038 28792 38809 38815 56418 *38641
Ecuador 180
forcing 39949
genetics 741
Germany *19831
germination 13201 20311 39945 57656
Gt Brit 28612 *30364
Hawaii 74013
hybrids 21207 *30247
judging 74122
Kenya 28589
Maine 89373
Malaya *30305
marketing 9727
Mexico 19850 28619 68917 86438
names *30305
New England 11503
New York 74102
Norway *19815
Peru 64216 *171

*Text of this reference is not in English.

Item

Orchidaceae--Cont.
pests 16502 16803 72616 *60911 *60918 *61056 *93962
Philippines 30296 90830 90891
pollination 12348
Portugal *28527
propagation 13320
seed 74050
South Sea Region *1994 *19821
Sweden 72416 *64199
taxonomy 11473 19819 19850
transportation 18831
varieties 2092 2145 19820 30319 40123 73984 74013 *2053 *21083 *30233
Orchis maculata 47237 *38948
Orchis praetermissa *104
Orectogyrus *52436 *85639
Oregma lanigera 52641
Oregon Academy of Science 72168
Oregon Agricultural Experiment Station
publications 11198 96181
reports 47125
Oregon Dairy Council 35737
Oregon Dairy Industries 86900
Oregon Dairy Manufacturers Association 86900
Oregon Dept of Agriculture 55710
Bur of Nursery Serv 73735
Div of Animal Industry 50947
Div of Foods and Dairies
Weights and Measures 25581
Div of Plant Industry 72294
Oregon Filbert Commission 54301
Oregon State Board of Forestry 3240
Oregon State College 5526 79183—79185 87125
Agricultural Extension Serv
publications 11198 96181
School of Forestry 31375
Oregon State Horticultural Society 48676
Oregon Walnut Board 54251
Oreodoxa. See Roystonea.
Oreomunnea *141
Oreopanax *72372
Oreorrhynchaeus *77789
Organic acids 29428 35227 39226 53538 56940 *17991
determination 53660 53661
effects on plants 12301
in plants 29452 48194 81780 *961 *1065
in tobacco 46042
Organic compounds 78171
Organic farming. See Soils, management, biologic aspects.
Organic phosphate insecticides 52174 68604 93382 *43263 *52196 *68470 *77314
analysis and composition 16258
chemistry 16293
determination 24445
fruit pest control 68815
hazards and safeguards 16263 33938
physiological action 43874 60629
plant pest control 68809
properties 52172
residues 6043
tests 16267
toxicity 16256 16257 68499 77292
Organisation for Scientific Research (Indonesia) 63189

Item

Organization for European Economic Cooperation 25602 37061 63855 66712 *37042 *53713 *88332
Organizations 8339 10582 55800 71600 88877 88911 *9739 *9763 *28060 *37942 *37943 *55758
Africa *88922
Algeria *37989
Argentina 96042
Australia 71929
Austria *55768 *55786
Belgium *19444 *63777 *88902
Brazil *10858 *19446 *28065 *46849 *46879 *88915
British Guiana 37978
California 28053 55740
Canada 10908 28049 37917 37965 63812 *10851 *10896 *55797 *80580
Ceylon 37972
Chile *28081 *55795 *71962 *72002
China *80570
Colombia *63817
Cuba *46838
Czechoslovakia *19323
Denmark *37988
directories 88393
Ecuador *88887
Europe *10863 *55745
Finland *37997
France *28092 *46865 *55317 *71989 *71990 *88890 *88898 *88901
Germany 28030 *19436 *37979 *46771 *46872 *55746 *55774 *55776 *71950 *71986 *71987 *72003 *72010 *80584 *88860 *88870 *88888 *88904
Gt Brit 37929 46867 71991 80592 82777 96037 96061
Scotland 96062
history 55763 *38002 *55743 *71955 *88866
Iceland *96036
Idaho 19418
Illinois 88873
Indiana 19401
international 11290 11291 19453 19690 *28342 *28347
Iowa 37947
Ireland 46805
Italy *10862 *10913 *10935 *46766 *55502 *55757 *55804 *88865
Massachusetts 37960 37961
Minnesota 46834
Netherlands 10921 37976 *10865 *10870 *10882 *10893 *10894 *10932 *96055 *96068 *96075
New York 46836 63810
New Zealand *80572
North Africa *88898
North Dakota 19437
Northern Ireland 10929
Norway *71980
Oklahoma 55780
Pennsylvania 37970 55772 88393
Peru *10922 *28099 *55794
Philippines 37967 46820
Puerto Rico *37974
Southern States 10846 55767 80547
Spain *10903 *28070 *71424 *71587 *96040
Sweden *10864 *46891 *46894 *96073
Switzerland *63781 *63816 *63824 *71997 *88907
Texas 88852 88871
Tobago 88842

Item

Organizations--Cont.
Trinidad 88842
Union of South Africa 28055 37966 *71969
Uruguay *19394
Vermont 10871
See also Clubs; Cooperative organizations; Labor unions; names of organizations; and subhead associations under specific subjects.
Organosilicon compounds 34277
Oria musculosa 61205
Oribatidae 16507 43375 85587 *6364 *68607
Oribatula *93731
Oriental earthworms 81183
Oriental flowering cherries 48917 73194 74000 *13142 *13228 *65755
Oriental fruit fly. See Dacus dorsalis.
Oriental fruit moth. See Grapholitha molesta.
Origano. See Origanum vulgare.
Origanum vulgare 64682
Orinophilus *85581
Orinus 47220
Orissa Forest Dept 14389
Oritocatops *52447
Orleanesia 64216
Orlov M A *21958
Ormocarpopsis n g *56276
Ormosia bahiensis 47262
Ornamental plants 1637 1909 13314 13435 40032 40048 49081 64130 65533 65595 74010 74043 74074 82467 *82472 90730 90883 *57786 *65798 *90778
Alaska 1898
Algeria *82348
anatomy and physiology 73147 *73156 *73926
annuals 2030 13185 21030 40030 48986 57658 65737
U S S R *2039
Australia 13361
Belgium *13353
breeding 49077 65797 *2009 *65535 *65583
California 21132 48910 74024 82363
Canada 13252
Channel Islands 73983
China 1911
color and fragrance 21109 21137 *72857 *73917
Cuba 57800
culture 1875 1933 2085 2267 7354 13253 13367 13383 13406 21016 21032 40020 40036 40049 40145 49076 49116 57684 57744 57796 90713 90768 90788 90810 *13199 *13315 *21200 *30259 *30281 *30339 *90836
Africa 30314
Belgium *13192 *57798 *65727
Denmark *2056 *30212 *30322
Germany *21185 *30383 *90903
Indonesia *65596
Italy *39975
Netherlands *2134 *13428 *49089 *57781 *74006
Norway *2119 *40093
Southern States 57745
Spain *90855
Sweden *21828 *30281 *65557 *65697 *66389
U S S R *73920

Item

Ornamental plants--Cont.
Denmark *21139 *57734
desert areas 82403
diseases 38823 64311 72616 72725 72748 74553 *306 *38737 *38817 *38828 *40039 *47574 *56391 *56432 *81333 *89714
fertilizers 49597 91318 *21828 *40669 *66310 *66416 *91338
for borders 2118 39988 40099 57660 57663 65791 74087 *13358 *40072
for various situations 2122 13283 21209 49083 57699 57774 65749 82416 82440 90784 90818 *1961 *65581
forcing 21085 39999 90706 *81506
genetics
Germany *65608 *65786 *90876
germination 30307 *2049
Gt Brit 21075 30248 57693 65619 65791 90741
hardiness 30256 57700 65688 65742 90892
industry 13259
Italy *21046 *90865
Japan 73911
marketing 95586
names *73931
Netherlands *13417 *57671 *65649
New Caledonia *82357
Northwestern States 21138
Norway *57422
Orient 19744
perennials 1945 1947 2036 13252 21016 21138 40145 48966 48997 57678 57688 57694 73975 82438 90776 90859 *21121 *21141 *30232 *30258 *30343 *40093 *65581 *65582 *65746 *65786 *83925
pests 93501 *56391
control 40039 60591 60786 61065 61207
U S S R *24745
planting 1997 2022 82312 *1612
propagation 30166 65286 65580 74124
pruning 39964 39977 57688 65507
seasonal 13248 57714 *49071 *65518
seeds 27073 40028 57795 71093 74047 81201 82320 *13154 *80640
shows *13353
soils 74649 82856
Southern States 13359
Southwestern States 57670
spraying and dusting 19940
Sweden *74086
Switzerland *90865
trade
Belgium *72579
Germany *20818
Netherlands *80639
transplanting 90703
Tropics 21062
U S S R *74110
varieties 1996 13148 13172 13384 21136 29890 39676 39974 40113 57652 57733 57783 74104 *13152 *13416 *21140 *40029 *65542 *65656 *65788
Argentina *48651
Gt Brit 48993 65753
Netherlands 21217 74004
U S S R *30312
West Virginia 48977
watering 49933

*Text of this reference is not in English.

Item

Ornamental plants--Cont.
weed control 30489 30583 57936
See also Climbing plants; Greenhouses, ornamentals; House plants; Trees, ornamental; Window gardens; names of plants; and under 4-H Clubs.
Ornebius 6842
Orneodes *34617
Ornithodoros 77627 *6381
Ornithodoros erraticus 85568 *6342 *24676 *24677
Ornithodoros moubata 85577 *34165
Ornithodoros papillipes 43406 *93723
Ornithodoros stageri *6374
Ornithodoros talaje 41829
Ornithodoros tartakovskyi *77596
Ornithodorus. See Ornithodoros.
Ornithogallum 777
Ornithogallum umbellatum *38425
Ornithosis *5341
Orobanchaceae 29127 38950
Orobanche 38950 *784 *13611 *24835 *28866 *29201 *47361 *47530 *47886 *81130
Orobanche minor *21366 *40277 *47384 *47385
Orobanche speciosa *11626
Orophe n g 6352
Orosius 6648
Orosius argentatus 559 61043
Orpet E O 72202
Orsalebra n g 85884
Orthezliidae 93981
Orthiella 34382
Orthobiotic serum *33050
Orthocide 406 11782 47502
Orthocladius *52554
Orthodontium gracile 11537
Orthodontium lineare 213
Orthogonalys 6699
Ortholobium *89302
Orthomus *60855
Orthopedics 41905
Orthoperus intersitus *6422
Orthophosphatase 78911
Orthopodomyia alba 34428
Orthoptera 69011 94172 *6865 *34669 *61274
anatomy and physiology 34667 43895 *25096 *94160
Argentina *61272
Austria *6846 *6847
cytology *25095
genetics 25108
Gt Brit 43133
Italy *17119 *86036
Mozambique *61264
Nevada 25103
nomenclature 69009
North Africa *78319
North America 6882
South America *34665
U S S R *6875
Utah 61269
Orthopteroid insects *61260
Orthotrichum 72444
Orthotylus *43695 *43697
Oryctes nasicornis *24753
Oryctes rhinoceros 34267
Oryzophagus n g *77735
Oryzopsis 47222
Oryzopsis hymenoides 57317 73607
Oryza ubanghensis
French Equatorial Africa *11449

Item

Osage orange. See Maclura pomifera.
Osborn H 86078
Oscar Johnston Foundation 87289
Osceola National forest 3504
Oscillatoria princeps 56815
Oscinella frit 24817 *43551 *52423 *60963 *60975
Oscinidae. See Chloropidae.
Osipenkovskiĭ Tekhnikum Vinogradarstva i Vinodeliia Uchebnoe Khozĭaĭstvo *30138
Osmaron *67733
Osmia 85928 *34498
Osmorhiza longistyles 47279
Osmosis 12270 12376 39008 47951 56760 81589 81692 81697 *29410 *56888 *64713 *64750 *64826 *73163 *73292 *81568 *81577 *81661 *90072 *90104
Osmotic pressure *940
Osmunda 89386
Osmundaceae 29407
Osmylus fulvicephalus *17155
Osprynchotus *24982
Ossiannilssonia n g 68818 85884
Ossiannilssonia oelandica 68818
Ossonis *6420
Osteoarthropathy *76567
Osteodystrophy *50863 *51390 *51840 *51977
Osteoma 76641 *59716
Osteomalacia *4058 *59717 *67351
Osteomyelitis *4630 *15586
Osteopaths 10814
Osteosarcoma 42363
Osterreichische Forstverein *3199
Osterreichische Gesellschaft für Holzforschung *75067
Ostertagia ostertagi 67701
Ostriches 63011 93098 95390
Osuuskassojen Keskus Oy 9828 88195
Osyris alba *19911
Othius 52412
Othromin *67839 *77109
Otinotus elongatus 6631
Otinotus oneratus 16795 43628
Otiorhynchus 43409 *85684
Otiorhynchus ligustici. See Brachyrhinus ligustici.
Otitesella *6736
Otitis externa *4861
Otoacariasis *84686
Otobius megnini *84686
Otocryptops 68599
Otocryptops gracilis 68599
Otocryptops nigridius 68599
Otoptera *56276
Otorrhea 42163
Ottelia alismoides *74263 *82553
Oudemans T C *31495
Outlook, agricultural. See subhead situation and outlook under specific subjects.
Ova 41770
cattle *42169
transplantation 32758 42155 84267 *4552 *4602 *15452 *51167 *59619
goats *5571
horses *23644
poultry 23767
rabbits 68175
transplantation 24096 *5571 *5583 *24101 *51764 *68183 *85009

Item

Ova--Cont.
sheep
transplantation *5571 *68250
Ovarian cysts 42127 92667 *42113
Ovariectomy. See Oophorectomy.
Ovaries *92329
asses *4999
buffaloes 15473
cattle 67556 *4270 *4667 *92582
poultry *33329 *68086 *68087 *92996
rabbits 33501
surgery *92243
Overseas Food Corporation 36691
Ovicides 6061 *17097 *33910 *60640
Oviduct 33296 33309 76685 76813
Oviposition 42718 42719 *86038
Ovotran. See p- Chlorophenyl p-chlorobenzene sulfonate.
Ovulation *50921 *92329
cattle 15454 23320 42152 42180 59672 67656 67717 *4602 *32686 *32749
hamsters 33107
horses *32686 *42468
poultry 33254 51604 *15836
rabbits 33501 *15675 *42468
Ovulinia azaleae
Azalea 81243
Owada K 27822
Owen W L *27143
Owls 43513
Owyhee Irrigation Project 49889 58450
Oxalacetic acid *39240
Oxalates 1038
Oxalic acid 3613 15198 25787 96150 *95457
Oxalis carnosa *176 *13293
Oxen *94289
Oxford University Imperial Forestry Institute 50132
Oxidase 12555 20441 64890 70702 *1045 *8660 *20412 *56709 *56934 *73282 *73284 *81714 *81778
Oxidation 44522 90109 *53414 *78722 *86544
Oxidation reduction potential 48177 56995 73125 *12510 *13794 *29350 *39222 *39250 *49413 *51785 *85050
bibliographies *69545
in cider 94685
in dairy products 94845
in plants *853 *39230 *39248 *56932
in soils *30784
in wine *7790 *35545 *78855 *78856 *78923
Oxya vicina 52856
Oxya yezoensis *6866
Oxyacids *9167
Oxybelus *6713 *52690 *52691
p-Oxybenzoic acid *35226
Oxycanus 6456 25048
Oxycanus cervinata 6774
Oxychloe *80937
Oxydema *68715
Oxydendrum arboreum *2032 *49346
Oxydontia 56329
Oxygen 11282 21553 73165 *9604 *21553 *43533
determination 20273
effects on insects 6506 68756 93853 *25221

Item

Oxygen--Cont.
effects on milk *18015
effects on oil 18635
effects on plants 20282 20301 20322 20349 20386 29233 29240 29292 39058 48184 56795 73249 *12372 *29336 *39124 *39230 *47946
in animal physiology 67646 84149 *15137
in blood 76771 93154
in plants 29454 47994 *1044
in poultry physiology *5390 *84912
in sheep physiology 42934 42935
in soils 40493 66131 *58305
in vegetables 70620
in wine 44652
Oxygonium n g *52401
Oxylamia 93778
Oxyna parietina 43538
Oxynthes *43795
Oxypetalum *89340
Oxyprora flavicornis 6872
Oxyptilus group 52743
o-Oxyquinoline *11736 *11749
Oxyspora paniculata 38947
Oxystigma oxyphyllum *75708
Oxythrips 61287
Oxythyrea cinctella *24745
Oxytocin 85234
Oxytropis 11495 47218
Oxytropis sericea 57972
Oxyuris equi 51477
Oyster shells 15789 42584 *60101
Oysters
freezing 9728 37032
Oystershell scale. See Lepidosaphes ulmi.
Ozana n g *6754
Ozarba *6754
Ozocerite *84698
Ozonium
potatoes 11927

Pachappa loam 1019
Pachira macrocarpa *81036
Pachycentria 56218
Pachyceras *85903
Pachycerus *16640
Pachycrepoideus 94010
Pachydema *16609
Pachydiplosis oryzae *85752
Pachygronthinae 61086
Pachyplagia n g 6653
Pachyplagioides n g 6653
Pachysternum 43412
Pachytene 47848
Pacific Chemical and Fertilizer Co 64937
Pacific Coast Entomological Society 5881
Pacific Coast tick. See Dermacentor occidentalis.
Pacific Dairy and Poultry Association 69949
Pacific hemlock. See Tsuga heterophylla.
Packaging. See Packing.
Packers and Stockyards Act 54650
Packing 45702 53491 69635 86610
bibliographies 32062
conferences and congresses 7562 69632
consumer preferences 27010
directories 7561 69646
exhibits 94582 *25688
materials 7559 7564 41499 53496 79114 *45050
insectproofing 6018 54464

*Text of this reference is not in English.

Item

Packing--Cont.
Morocco *7606
research 35313
situation and outlook 7556
See also Containers; and under specific subjects.
Paecilaemula *68596
Paecilomyces varioti *45696
Paederus 60848
Paederus columbinus *24758
Paederus intermedius 60816
Paedocoris n g 43676
Paeonia 1970 13225 49022 57716 65781 74120 90907
Paeonia *65673 *89835
diseases 47532
storage 54966
Texas 65543
varieties 21169 48902 90857
Paeonia californica 29133
Paeonia suffruticosa 13205 48901 49075 57801 65761 *30183
Pagiocerus frontalis *16537
Pagria *77767
Pain 59279
Painted-lady. See Vanessa cardui.
Paints and varnishes 17473 18616 22559 35384 54701 58957 62920 66887 69375 69436 70952 70979 75477 75499 87838 *35113 *50460 *70033 *78376
insecticidal *85422
Paitobius 60758
Pakchoi *2162 *65824
Pakesia n g 77971
Palaeoplatyura 68776
Palaeopsylla 86085
Palafoxia 72423
Palarus latifrons 60703
Palarus variegatus *85912
Pale western cutworm. See Agrotis orthogonia.
Paleacrita vernata 34587 78116
Paleobotany 12 27 11381 11391 11405 19753 28383 28396 28414 28452 28461 38343 38352 38378 47143 47156 56138 56155 64103 64104 80877 80893 80894 80906 89211 89239 *67 *70 *19755 *28393 *47148 *47167 *47176 *47178 *64107 *64131 *64132 *64146 *72285 *80907 *89217 *89243 *89305
Africa *14 *64145
Alaska 72261
Algeria *38334
Asia 80858 *89209
Australia 47229
Austria *5 *6 *35 *47147 *89185 *89206 *89232
Belgium *72296
Brazil *47177 *72315
California 19731
Czechoslovakia 47182 47185 *89184
Europe *47158
France *52
Germany *75106
Gt Brit 33 11348 11378 38373 56144 72274 72283 72287
Scotland 72267
Greenland *20138 *47202
Illinois 11369 11413 19770 28459 38377
India 37 58 11404 72316 89186 89238 89251
Japan *59 *80909
Kansas 47146
Latin America 47163
Mexico 80902 *64137

Item

Paleobotany--Cont.
Netherlands *11385
New Zealand 28392 72269
New Mexico 80881 80902
North Africa *28379
North Carolina 38345
Norway *69
Peru *47198
pollen analysis 11411 19785 38351 80850 80861 80874 80904 89196 89197 *64125 *64136 *89215
Germany *56159
Illinois 29
Indiana 60
Michigan 11362
Ohio 19776 72318
Switzerland *19765
Union of South Africa 28380
U S S R *38337 *38349 *38355 *38359 *47152 *64144 *89180
Sahara *9 *11358
Spain *64105
Texas 72309
U S S R *20 *38347 *38356 *38365 *47144 *47175 *64156 *89209 *89253
See also subhead fossil under names of plants.
Palaeocorynus 6466
Palenin A P *80759
Paleotullbergia n g *43908
Palermo Orto Botanico *11360
Pales *52552
Palisot de Beauvois A M F J Prodrome 89195
Palladin V I *89119
Palloptera ambusta 52521
Pallopteridae 34364 52521
Palm kernel meal *54704
Palm kernels 26925 26941
Palm oil
extraction *18639 *62899
feed *23212 *23227
Nigeria 18648 95347 *36726 *71011
nutritive value *55932
spoilage *87837 *87863 *87864
Palm wine *44643 *44726
Palmae 28577 38437 74056 *31529 *38486 *47753 *72376 *75152
Palmaspis n g 16800
Palmellaceae 19863
Palmodictyon *28650
Palmorchis pubescens *19833
Palorus ratzeburgi 24739 52417
Palpibracus *60895
Palpimanus 77631
Palpita 43828
Palpita illibalis group 43828
Palpomyia 24880 60926 68787 85789 *43520
Palpozenillia palpalis 60905
Paludella squarrosa *64252
Pammene tomiana *17057
Pampasgrass. See Cortaderia.
Pamphilius 94017
Pan American Veterinary Congress 50909
Pan Tech Farms 23067
Panama disease
bananas 20057
Panaretella. See Paranetella.
Panaxia dominula 43842
Panchlora *61274
Pancratium maritimum *47796
Pancreas 5345 68069
Pancreatitis 76522 92759
Pandanus 56236
Pandanus odorantissimus oil *62900

Item

Pandemis 52587
Panesthia *61274
Pangola. See Digitaria decumbens.
Pangonini *85753
Panicum *11452 *89289
Panicum antidotale 12716 48539
Panicum maximum 1402 *1328 *39438
Panicum miliaceum *1404
Panicum purpurascens *1157 *1361
Panicum ramosum 58219
Panicum repens
diseases 81297
Panleucopenia, cats. See Feline infectious enteritis.
Panolis flammea *16987
Panorpa communis *77647
Panorpidae 25149
Panstrongylus megistus *68811 *68849
Pantanelli E *72199
Pantetheine 33222
Pantothenic acid
effects on plants 12239
in cattle nutrition 15337
in dairy products 8287
in food *11144
in grain 56971
in meat 55923
in milk *79014
in plants 12229
in poultry nutrition *15787
in swine nutrition 60429 85214 85274
Papain *54208 *93550
Papaver 48975 *57365
Argentina *29838
biochemistry *1058
breeding *47855
culture *65243
diseases 11733 64406 *89687
pests *93456
transplanting *29372
varieties *2087 *65240 *81829
Papaver nudicaule
Ireland 72369
Papaver somniferum *29299
anatomy and physiology *20430
Assam 40378
diseases
resistance *38677
genetics *20251
pollination *20251
Papaver somniferum nigrum *49340
Papayas 48743
anatomy and physiology 64780 *64801
biochemistry 73327
Costa Rica *82187
culture 39765 73765
Australia 29963 39764
India 82195
diseases 72761 *81210
planting 57497
products 79338
Paper. See Pulp and paper.
Paperboard. See subhead paper and paperboard under Containers and kinds of containers.
Paphiopedilum. See Cypripedium.
Papilio (nireus group) *86007
Papilio aegeus 77247
Papilio ajax 6773 6778 16995 68923
Papilio anactus 77247
Papilio erithronoides 43854
Papilio machaon 16959 61170 *68918

Item

Papilio nigrescens *17030
Papilio plexippus 85949 85963
Papilio podalirius *17033 *86017
Papilionaceae 38940 38941 *38476
Papilionidae *17074
Papilloma *4155 *32308
cattle 23368
dogs 76523
horses 5071 15670
treatment 15185 23368
Pappea fulva 3294
Paprika 61988
Papularia 19876
Parabaeacis 52691
Parabatrisus 43445 *85647
Parabezzia 43570
Parablepisanis n g *6420
Parabruchobius *6736
Parabryocoropsis n g 6643
Paracatonia n g 52628
Paracelsea. See Acalypha.
Paracletus cimiciformis *93990
Paraclusivius n g 52628
Paracolobactrum 51609
Paraconophyma 43888
Paracopium *24923
Paracryptocerus 43725
Paracyphononyx *6713
Paradejeania 24784
Paradeucalion n g 93778
Paradiallus n g 93778
Paradocus n g 93778
Paradrymadusa 86035
Paraemporia n g *16939
Parafallia *43447
Parafield Official Egg Laying Competition 15904
Parafield Poultry Experiment Station 33110 51668
Paragandecca n g 52628
Parahepialiscus baluensis *6827
Parahindola *16843
Parahindoloides n g *16843
Paraiulidae 93699
Paraixeris denticulata 73074
Paraivongius *85673
Parakanchia 6768
Paralecanium 16871
Paralecanopsis n g 16800
Paraleptoneta *6350
Paraleptophlebia 52880
Paralesteva 43476
Paralimnochares *68618
Paralimnotrephes n g *68843
Paralitomastix *6736
Paraloxoblemmus *25091
Paralysis
cattle 84292 92633 *4702 *42170
dogs 4898
horses *5029 *5059 *84682
rabbits 85027
swine *85245
See also Tick paralysis.
Paramblynotus 16931
Paramimus n g *43695
Paraminuella n g *68596
Paramordellistena n g *6434
Paramphibolus 85870
Paramphistomiasis
cattle *23349
Paramphistomidae 59305
Paramphistomum 92666
Paramphistomum cervi *23349
Paramyiomma n g 68808
Paranathaniops n g *60834
Paranocaratris n g *34648
Parandra *77672
Parapedius *34212
Paraphaenodiscus *6736
Paraphelinus *6736

*Text of this reference is not in English.

Item

Paraphlepsius 85835
Paraphradmon n g 52628
Paraphysothele italica 89467
Paraphytoptus 77628
Paraphylloteles n g 85792
Paraplastocerus n g *85315
Paraplegia
horses *23639
Paraptecticus 85744
Parapterobosca n g *43514
Parapterobosca anthropophila *43514
Parapterulicum 56326
Pararge achine *34564
Pararge aegeria 78087
Parargeleusa n g 52628
Parascaris equorum 59975 *76655
Parascotia fuliginaria 52785
Parasemia plantaginis *68961
Parasemidalis 61294
Parasemidalis flaviceps 94186
Parasites. See Veminosis; names of parasites; and under names of hosts.
Parasitic plants 72426 72580 *56703 *73311
See also names of parasitic plants.
Parasitology 50895
Parasitus 68624 *93731
Parasphyrotheca n g 43931
Paraspiniphora bergenstammi 93851
Parastadus n g 52699
Parastenomordella *6434
Paratecoma peroba 50626 *75238
Paratetranychus 68620 *6400
Paratetranychus bimaculatus
control 21354
Paratetranychus citri 34180 34239 43395
Paratetranychus ilicis 77634 77648
Paratetranychus pilosus 61040 68616 77637 85594 93706 *16517 *24674 *52369 *60771 *93695 *93719 *93985
bibliographies 52361
control 6338 6373 24691 68594 68604 *16475 *52370 *52390 *77650
predators *43386
Paratetranychus platani 60768 68603
Paratetranychus ununguis 6389 60786 77634
Parathalassius blasigi *16691
Parathemistus n g 93778
Parathesis *72372
Parathion 6685 16209 16285 24362 52362 *5950 *6815 *16301 *16635 *33857 *43201 *77710 *94167
analysis and composition 16276 68490 *77313
chemistry 6042 24438
effects on plants *29349
fruit pest control 6775 16182 16745 16825 34247 34452 43651 61110 68851 85874 94007 *77225 *85786
fungicide *429 *11738 *38747
grain pest control 34446 *24928
greenhouse pest control 6672
hazards and safeguards 6035 16294 43188 52164 85463 *85457
insect resistance *60767
mite resistance 52384
nematocides 29039 *64583

Item

Parathion--Cont.
physiological action 6833 *43269 *43898 *52173
plant pest control 5915 6661 16855 17081 24369 61092 68518 *5940 *6400 *6635 *16166 *16548 *34376 *43228 *52431 *60617 *93499
properties *43644
radioactive tagging 77302
residues 16306 16868 36162 36224 43257 52192 68518 79441 95073
tests 33952 52168 *43269 *85359
tick control *6360
toxicity 33921 68518
bees 6196
beneficial insects *93750
livestock 52185
man and animals *24450 *33291
poultry 23948
vegetable pest control 77691
Parathyroid 51654
Parathyroid hormone *93017
Paratriatoma 85883
Paratrioza cockerelli 16876 43699 93988 94004
Paratuberculosis. See Johne's disease.
Paratyphus
swine *24300
Paravignalia n g *6736
Paravima n g *68596
Parawandesia n g *68592
Paraxenolea n g 93778
Parchment. See under Containers.
Pardalaspis cosyra *24875
Pardosa 34184 *68622
Paregnatius 43888
Parelectra Meyrick. See Parelectroides.
Parelectroides n n 61171
Parelidiptera n g 52628
Pareria n g 52372
Paresmus 77601
Paresmus impurus 85553
Pareulype n g *17003
Parharpagocoris n g *85870
Paria *52404
Parinaria mobola 155
Parinarium *83302
Parinarium laurinum
oil 9475
Parisotoma 43931
Parisminia *68596
Parity 10826 17652 27736 44536 54733 61814 *25706 *86617
See also under Prices.
Parkinson's Paradisi in sole 11376
Parks
Gt Brit 63644
Venezuela *66814
U S S R *31642 *57752 *58658
Parlatoreopsis 52653
Parlatoria 16871 52653
Parlatoria oleae *52670
Parlatoria zizyphi *68842
Parliamentary procedure 46808 46897 88749 96080
Parmelia 11580 47331 47340 72466 *28662 *28664
Parmelia tinctorum
India 267
Parmenini n tribe 93778
Parmenolamia n g 93778
Parmenomorpha 93778
Parmularia 28665
Parmularia porteae 28667
Parnassius *78190
Parnassius apollo *85969
Parnassius autocrator *17026

Item

Parocneria detrita *94114
Parodi L R *80777
Parodia *111
Parodia crucinigricentra *81034
Parodiellina *72509
Paroligoneurus *6736
Paronella *34697
Paroopsis n g 68644
Parra A *11230
Parricola *69037
Parry W E 38381 89237
Parshutin G V *23581
Parsley
vitamins *72134
Parsnips 56549 66392
Part-time farming 27950 46362 63758
Germany *71538 *71590
Indiana 37781
Italy *27680
Louisiana 37513
Michigan 19147
See also Allotment gardens.
Parthenium argentatum. See Guayule.
Parthenocarpy 736 12416 12417 48136 64633 *12288 *12432 *12472 *20148 *64655 *72967 *73177 *81601 *90096
Parthenogenesis 56811 *23129 *77589
insects 16686 24866 61251 *16512 *34360 *60798
plants 12200
Parturition. See Obstetrics; and under names of animals.
Pascoëa 93778
Pascoellus n n 77760
Pasmo disease
flax *89609
Paspalum *28514
New Zealand 90304
Paspalum dilatatum 1623 20719 29812 32609 39463 39513 39570 48562 81397 81971 *90444
Paspalum notatum 31184 57247 58201 *1157
Paspalum plicatulum
anatomy and physiology 48132
Paspalum vaginatum 1319
Passalobia *85578
Passaloecus *68899
Passeriniella adeana *72506
Passiflora edulis. See Purple granadilla.
Passion fruit. See Purple granadilla.
Pasteurella 6907
Pasteurella avicida *59342
Pasteurella hemolytica *42151 *68264
Pasteurella lepiseptica 33499
Pasteurella multocida 76784 *4191 *75844 *76846
vaccines 15145
Pasteurella tularensis 68593 *6377 *6378
Pasteurellosis 59289 *24284 *42161 *60155 *68328
See also Hemorrhagic septicemia.
Pasteurization. See under specific subjects.
Pastinaca urens *47805
Pastures 11730 48527 57330 *66412
Algeria *48512
Alpine regions *56668
and animal disease 4693 32730 42968 59299 67412 67629 68323 85130 85587 *32688
Argentina *65080 *65204
Australia 1111 39436

Item

Pastures--Cont.
Australia--cont. 39460 47913 48564 57040 65224
Austria *49761
Balearic Islands *1440
Canada 4439
Caribbean Region *73622
community *12844 *20659 *20724 *29692
conferences and congresses *75990
contests 1475 12794 29705 39454 48386
costs and returns 37590 37599 55482 63568
Florida 63573
Germany *71629
Indiana 46497
North Dakota 71634
South Carolina 10373
Delaware 39461
desert areas *29768 *57315
ecology 12819 38396 47700 64600 *56651
Portugal *47690
equipment *58410 *58411 *61385 *61466
fertilizers 2835 13792 13914 13967 15099 21584 21585 21618 21665 21679 21698 21797 30893 30914 30915 31315 40608 40644 40670 48525 49565 49681 49741 49783 49793 51804 58283 66380 82822 82829 82847 82852 82863 91315 91327 *2746 *2851 *2852 *3121 *21798 *22075 *30904 *30936 *40620 *40751 *49786 *50076 *66401 *74596
Alabama 10303
Austria *49751 *49806 *58284 *74565
Belgium *91081
Denmark *49767
France *58245 *74566
Georgia 82873
Germany *12754 *21699 *30946 *31026 *39504 *40652 *49623 *58268 *65074 *66359 *66379
Russian Zone *66280
Italy *31003 *49803 *58261
Nebraska 49621
New Mexico 66316
New Zealand 21673 49631 58244 74947
Sweden *74564
U S S R *31010
Washington 49720
France *29769 *39478 *65136
Germany *1352 *20674 *30969 *67325
Russian Zone *48502
Gt Brit 12832 15523 81960
history 1311
Iowa 39576
irrigation 2898 2902 2930 14124 34425 39533 39578 40844 42074 49931 49932 57037 58413 65214 66472 66531 66552 66559 74772 82969 85045 91412 *1359 *2929
Australia 31134
California 14062 37578 49872 74716
Canada 2937 51142
Colorado 2979
Hawaii 91413
Idaho 74745
Midwestern States 58428
Montana 4451 51090
Nebraska 14042
Netherlands *21872

*Text of this reference is not in English.

Item

Pastures--Cont.
irrigation--cont.
New Mexico 66316
North Dakota 43602
South Dakota 2944
Sweden *2943 *49911
U S S R *40720 *74766
*91427 *91442
Washington 37601
Western States 15373
40827
Israel *20693 *65156 *94472
Italy *7373 *57301 *90320
labor 37590
Louisiana 48447
management 1306 1311
1317 1355 1362 1367
1392 1395 1426 1444
3883 12721 12722 12754
12765 12785 12787 12808
12819 15664 20643 20650
20723 20734 21586 23250
23364 29675 29695 29696
29706 29712 29781 29798
29799 29821 32223 32243
32607 32651 32672 39435
39452 39465 39479 39484
39515 39525 39530 39578
39579 41745 42045 42054
42074 48385 48493 48506
48525 48530 48540 48542
48556 48557 57177 57210
57230 57332 57336 57337
60107 65071 65085 65092
65107 65120 65182 65205
65212 68034 73533 73580
73616 73624 73635 76199
76466 80280 81954 81957
81990 82037 82898 84167
90327 90352 90374 90391
90407 90430 90445 91175
*1330 *1351 *1359 *1364
*1430 *1447 *12731 *12760
*12793 *12798 *16344 *20654
*20689 *20700 *20712 *20722
*39464 *39544 *48480 *48499
*58381 *65135 *73539 *81978
*81995 *82040 *82044 *86462
*90305
Alabama 10303 90373
90375
Arkansas 12763
Australia 12742 12743
20506 48391 48444 65180
73532 90440
Austria *50393 *65176
*73495 *83328
Belgium *12815
Brazil *29669 *48384
*48388 *82017
California 12804
Canada 12822
*82013 *82053
Chile *12768
Fiji 57261
Finland *1459 *29704
Florida 39490 57264
63573
France *29777 *39531
*48438 *58245 *90327
Georgia 84222 92524
Germany 65127
*658 *1487 *12780 *20641
*20721 *25763 *39471 *39524
*39543 *48420 *48434 *48454
*57223 *57266 *57308 *57309
*58268 *65074 *65206 *65207
*65208 *67549 *67563 *73524
*73542 *73583 *73621 *81976
*82088 *82093 *90336 *91382
Gt Brit 1322 29794
39494 48445 65226 84204
Gulf Coast States 22790
Idaho 90349
Indiana 12736
Iowa 90333
Ireland 90350

Item

Pastures--Cont.
management--cont.
Italy *1358 *20638
*29820 *39540 *48395 *48442
*49529 *65067
Kansas 12717 29726
Kentucky 10315 63517
Midwestern States 12739
12834
Morocco *1357 *12735
*57201 *73573
mountain areas *1354
*20638 *48444 *57333
Italy *12748 *65067
Netherlands *12833 *90406
*90439
New Hampshire 39537
New Zealand 1313 1322
1445 20706 48383 48489
65097 65105 65144 65181
69462 73497 73527 73540
73554 81941 81991
Norway *29776 *48555
*49756 *57214 *65102
Ohio 1343
Pakistan 29770 57246
Pennsylvania 12794
Puerto Rico *1436
Scandinavia *39496
seasonal 1315 12766
48418 81992 *73631
South Carolina 1320
10373
Southern Rhodesia 1437
Spain *1441 *29773
Sweden *1316 *1325
*1476 *4739 *12719 *31567
*48435 *57193 *83205
Tunisia *29807
Union of South Africa
*57235
U S S R *1465 *20720
*23606 *29671 *29728 *29746
*29783 *29787 *29796 *29808
*32597 *57185 *57319 *73505
*90303 *90334 *90392 *90400
*90437
Uruguay *1305 *12753
Utah 12800
Washington 90321
Yugoslavia *82057
Maryland 84832
Midwestern States 57287
Minnesota 65162
Morocco *12806 *82029
mountain areas *15341
*48568
Austria *48526 *78571
France *51810
Germany *48526 *51139
*51153 *67591
Italy *48396
Norway *82075
Switzerland *42938 *48526
U S S R *32286 *57327
*90380
New England 1377 39495
New Zealand 1446 47998
48564 55419 65224 74920
North Platte River Islands
39548
Ohio 57209
Oregon 39444
pests 16547 16827 24757
43425 68640 *34299
Germany *6435
Kenya 61271
U S S R *34195
planting 1346 1451
12830 29717 39529 42045
57008 57188 73594 73620
73638 82000 *57180
Australia 66592
equipment 86241
Florida 63573
Germany *57305 *73612
Missouri 73625

Item

Pastures--Cont.
planting--cont.
New Zealand 48382 57272
65198
Southern Rhodesia 1468
Switzerland *48389
Wisconsin 86241
policies and programs
Germany *57182
U S S R *41708
research 29670 48414
90317
Australia 48415
Germany *65137
Montana 57323
Sweden *48435
U S S R *48387
Ruanda-Urundi *1464
seasonal 1372 1461
29744 84188
U S S R *22801 *59209
*59249 *59425 *59766
Union of South Africa
57340
Sicily *4388 *71517
soils 13936 21650 40603
65071 82798 91241 *2929
*14158 *83037
New Zealand 74491
U S S R *20720 *91311
South Carolina 57249 81972
Southeastern States 1448
Southwestern States 1448
study and teaching *48568
*90307
tenure 95895 *55549
Tropics 39476 47913
Union of South Africa 10264
40534 57334 *65222
U S S R *1466 *20129
*25578 *29768 *31063 *57278
*57315 *75784 *89252
Virginia 82015
weed control 21417 21698
30613 49250 49313 57938
57987 66004 66024 74233
74241 74286 74321 91042
*82549
Belgium *40306 *91081
Canada 91068
Germany *57223 *82567
Russian Zone *40316
New Zealand 74334
U S S R *49310 *91085
yields 82063
Germany *39575 *57307
*57350 *65206 *66379 *79221
Yugoslavia *81934
See also Field crops, rotation with pasture; Forage plants; Grasses; Grassland farming; Grasslands; Grazing; Meadows; Ranges; under Photography; and subhead feeding and nutrition, pasture and range under Livestock and names of animals.
Patella *23025 *32692 *67918
Patents 28278
bibliographies 25620 38186
38189 53538 56001 56004
64002 80743 83630 89099
dairy industry *26228
plants 12950 13068 13414
20957 21015 21214 30050
48764 49106 57569 57789
73844 74118 82104 82232
90525 *12899 *20774 *20775
*56150 *80853
Argentina *57409
Germany *12933 *12948
Italy *48673
Pathology. See Diseases; Phytopathology; Veterinary medicine; and subhead diseases under specific subjects.

Item

Patrizi S 77887
*78258 *85773
Patrons of Husbandry
National Grange 37378 37379
37896 55765 63723 71984
Patterson W 9771
Patulin *81667
Pauahia *72513
Paullinia 11455
Paulomanus n g 85884
Paulownia 11813 *47658
Paulownia tomentosa 47659
75691
Paurocephala 43635
Pauropoda 34199
*6385 *85588
Pauropsylla 77934
Paururus juvencus *34549
Paussidae *52478 *77683
*85678
Paussomorphus *34276
Paussus *52478 *85678
Pavia Universitá
Erbario Lombardo *80859
Pavlodarskaîa Mezhsovkhoznaîa Veterinarnaîa Bakteriologicheskaîa Laboratoriîa *83820
Pavlov I P *4105 *22771
*22889 *22951 *23645 *28253
*28306 *32408 *50880 *59179
*59899 *59989 *67369 *75976
Pavlov M G *78896
Pawpaw. See Papaya.
PC. See Potassium cyanate.
Pea aphid. See Macrosiphum pisi.
Pea weevil. See Bruchus pisorum.
Peach silver mite. See Vasates cornutus.
Peach tree borer. See Sanninoidea exitiosa.
Peach twig borer. See Anarsia lineatella.
Peaches
anatomy and physiology 794
808 949 1022 12509
39055 47961 64775 73151
89944 90005 *56713 *64655
*81643 *87473
biochemistry *87473
Canada 12509
canned 54363 79505
prices 8806
care and handling 54352
conferences and congresses 87411
cookery 11067
cooling 95115
cooperatives
California 36177 45331
costs and returns 37572
80338 *95872
culture 1641 1740 26530
57544 65426 90616 *1722
*1767 *20915
Australia 90666
Belgium *13031
Brazil *39844
Denmark *73831 *82223
Eastern States *73837
France *30017
Gt Brit 1729
Netherlands *20912 *48800
*73751 *73822
New Zealand 20932 20933
Oregon 39804
Pennsylvania 20920
Sweden *48792
Washington 82230
discoloration 26537
diseases 450 525
550 580 11784 11910
28947 47362 47563 47613
47675 56484 56501 64378
64552 64561 72816 72826

*Text of this reference is not in English.

Item

Peaches--Cont.
diseases--cont.
72858 72866 72871 81171
89635 *451 *453 *11898
*12023 *12450 *19911 *28812
*29213 *38762 *47506 *56429
*64434 *64436 *89559 *89614
*89617 *89651
Arkansas 12008
Canada 47682
Connecticut 47681
control 391 52119 64568
72559 *47467
France *370 *73279
Italy *370 *11706 *28936
*47380 *64381
Maryland 28818
New Zealand 548
transmission 68821
West Virginia 11916
dried 26606 62637
fertilizers 1746 30920
30966 49663 66284 74624
*2734
for processing 54352 54377
62510 80338
freezing 70617 79505
fruit set *1788
genetics 73046 *47089
U S S R *774
germination 20911
grading and standardization 87442
harvesting 54352 57520
95049
industry 8607 45280
87324 95018 *18186
injuries 64378 77321
89564 *333
marketing 8718 26506
26530 45352 70562 87391
87392 87409 87435 95049
California 62510
Colorado 54267
Georgia 87430
study and teaching 26500
New Jersey 57558
ornamental 48793
packing 95018
peeling 70617
pests 93732 *16948 *24810
*43672 *52747 *85614
control 5920 6446
6640 16662 33865 34629
43836 52046 52119 68703
72559 77771 77788 78078
86005
Germany *68817
Maryland 33836
Michigan 60568
New York 17081
South Carolina 52065
U S S R *34490
Georgia 43229
Germany *52688
U S S R *43841
Virginia 52050
planting 39841 *20917
policies and programs *68817
pollination *1788
prices 45403 87462
95098
processing 62605 79398
79525
propagation *1769 *30030
*56713
pruning 1746 48775
48786 57519 57532 *1727
*48797
public relations *18275
purchasing 87413
quality 18247 26506 87435
root stocks 89564 90628
*1786
situation and outlook 36097
36103 87321 *62455
soils 82772

Peaches--Cont.
spoilage 56484
spraying and dusting 309
34230 37580 38609 38626
38729 43836 47392 52087
64867 *28795
costs 80338
New Jersey 56424
New Zealand 81156
statistics
California 62654
storage 45456 62623
diseases 62601
surpluses 87331
thinning 65357 73811
73848 *13033
transportation 56484 79398
varieties 26537 48787
54377 57527 57545 57549
57556 57569 73844 87462
*30018 *73817 *82220
California 62654 87321
France *90615
Indiana 1754
Italy *20922
Michigan 39801
U S S R *48822
Utah 57537
Western States 29984
weed control 13542
Peanut butter 36701 36759
71009 *18646
Peanut meal 90296 95356
feed 15109 33701 67994
*84202
fertilizers 66385
statistics 94914
utilization 32047
Peanut oil
chemistry 18613 26953
95329
determination *36753
extraction 36707 70458
84202 *62899
industry
French West Africa *62947
keeping quality 70920
processing 36737 70953
Peanuts
acreage and area 45781
87906 94627
advertising 29834
Africa *12848 *20739
*45775 *65231 *65245 *69079
analysis and composition
9435 79788 *36690
anatomy and physiology
12460 64837 73267 *12183
*49456 *56782
biochemistry 72264
breeding *1507
contamination 62918 79802
culture 1502 29494 39593
73662 *12856 *20748 *65244
*65245
Africa *57359
Alabama 82094
Australia 1498
Chile *12857
Cuba *29824
France *48583
North Africa *57361
Spain *29826
Texas 1503
Union of South Africa 1510
54748
U S S R *48578
Virginia 39595
Yugoslavia *90452
directories 54753
diseases 56516 64414
64582 72888 *38716
drying 12846 69253 79774
79828 95325
equipment 37247 94265
*69079
fertilizers 31051 66692
*74916

Peanuts--Cont.
fertilizers--cont.
Africa *58330
France *13903
French West Africa *21666
fibers 54095 62962 70458
79234 87263
harvesting 12846 12851
*69238
hay *90449
hulls
feed 15360 42061
hybrids 12850
industry 9423 9437
36740 45823 *26946 *45775
*54709
irrigation *48578
Israel *73656
Japan *39596
labor 37247
Madagascar *82099
marketing 26965 45753
62925 *18619
moisture 9435
New Mexico 57362
Nigeria 36736
nutritive value 38127 47000
*11141 *11142
Oklahoma 1495
pests 6844 77772 85373
*5932 *16194 *16793 *24971
*43176
planting 73659 *57360
policies and programs 79827
*9397 *45760 *54747
prices *18623 *36252
support 26965 54733
87907
processing 18650 36741
36759 54744
products 18629
proteins 15109 54744
62962 95356
bibliographies 9495
quality 20738 95325
research 9437 12849
seeds 72653 *36725
situation and outlook 9446
9470 18651 26952 36715
Brazil *18623
Union of South Africa
*95334
soils *13901
statistics 45818
storage 79831
pests 85373
taxonomy *80933
trade *88942
utilization 70940 95327
*9417
varieties *36690
Brazil *29835
French West Africa *48590
Oklahoma 48584
Virginia 20750
vitamins *96151
yields *36690
North Carolina 29832
Virginia 29832
Pear borer. See Thamnosphecia pyri.
Pear Growers League 54279
Pear leaf blister mite. See Eriophyes pyri.
Pear midge. See Contarinia pyrivora.
Pears *20789 *65425 *82211
*90630
abnormalities *20148
advertising 18270
analysis and composition
*87370
anatomy and physiology
12416 38916 38929 47949
56852 56854 73096 90074
90138 *670 *12157 *12432
*12437 *64773 *73008 *94131

Pears--Cont.
Australia 70515
breeding 48809
canned 26550 26551 54278
95096
cooperatives 54279
costs and returns 55454
63579
culture 39757 *1743 *73821
Australia 65447 73849
82234
Belgium *57528
Oregon 39804
Sweden *57541
diseases 11799 19977
26607 28982 47531 47545
47615 56560 81320 89692
*11872 *11877 *28798 *29286
*38708 *47510 *47526 *56487
*72752 *81218 *89611
Australia 89612 *38681
Belgium *33862
California 28983
control *11841 *81321
France *47571 *72787
Gt Brit 56509
Italy *56546
Netherlands *38752
New Zealand 334
Oregon 28897 56522
resistance *28943
Turkey *28844 *72676
enzymes *81782
fruit set 47883
genetics
U S S R *754 *20941
*57574 *89887
grading and standardization
8779 26535 87387 95050
95082
Gt Brit *1686
harvesting 48789 48801
*13064 *57554
history 1779
hybrids *89901
injuries 89511
irrigation 49884
Italy *20943 *54192
marketing 18270 18279
54277
California 54246 62511
87388
costs 79388
France *8692
Gt Brit 8728
molasses
feed 32627
Northwestern States 54278
79349
nutritive value *46998
packing 18299
pests 24406 34439 34478
52068 52122 68834 *6359
*6750 *33862 *33896 *77608
*77609 *85867 *93980
control *33896 *77608
*77609
Belgium *78117
California 16476
Denmark *93705
Union of South Africa
16238
Italy *85958
Netherlands *6716
U S S R *60818
prehavest drop 12335
prices 95098
propagation 30023 *65417
pruning 1750 *1732 *1759
*12940 *39805 *82224
Sweden *39814
U S S R *73845
quality 18248
regulation and inspection
Illinois 18286
rootstocks *39829 *48806
*57529 *57571 *65417 *90634

*Text of this reference is not in English.

Item

Pears--Cont.
situation and outlook 36109
soils *58305
spraying and dusting 11754
38609 64418 72565
storage 8853 *8840 *18314
*45432 *57554
cold 18345 *26575
gas 8845 *36256
Norway *13064
thinning *1683 *13069
trade
Australia 19492
transportation 62539
varieties 13035 13068
18279 18286 79349 82232
*1726 *13054 *13055 *20931
*30026 *48784 *65416 *90622
California 45330 54246
62539
France *65431
Gt Brit 39847
Italy *1764
Michigan 39801
Netherlands *57529
Sweden *39815
U S S R *90654
waste
feed 32627 76207
wild
U S S R *58690
Peas 65857 *74475 *74476
*74477
analysis and composition
62489 79367
anatomy and physiology 989
12184 12313 20425 34436
43626 48115 56794 56881
64728 73176 73288 79367
90098 *852 *978 *12311
*12401 *21562 *29197 *38919
*47956 *64717 *73108 *73146
Argentina *21230
associations
Gt Brit 21263 40196
biochemistry 12522 12564
29466 81758 *39240 *56977
breeding *40211
Germany 72769
canned 8842 26593 62608
62625 62626 70640 95110
*8834
spoilage 8768
costs and returns 79447
culture 57854 65819
*2253 *57816 *65869 *82513
Argentina *13446
Australia 30445 49176
Belgium *40250
Finland *39309
Gt Brit 21232 21301
49194 82523
Italy *13463 *90979
Sweden *57863
cytology *661
directories 9629
discoloration 95110
diseases 530 541
11733 47490 64406 *64506
*89482
Germany *72769
Netherlands *47575 *64354
New Zealand 19986 28861
dried 26522 *45458 *62531
feed 3940 32668 43030
fertilizers 21999 49601
58308 66218 66400 66435
74665 *49618 *82802
flavor and odor 70594
for processing 2190 21286
21370 30445 30476 40213
49176 54229 57854 65819
66435 *2219 *21285 *21310
*38987 *40205 *65869 *82513
frozen 18348 62565 70538
95141
storage 18348 70601
95141

Item

Peas--Cont.
genetics 757 758
47812 *89897 *89898
U S S R *38987
germination 81157 *57886
grading and standardization
79447
harvesting 2174 40205
40213
equipment 25335 34910
*7137 *38028
history 74210
Idaho 27818
injuries *11626
inoculation *13814
Israel *21285
marketing 26522 70606
moisture 36153
nutritive value 3940
packing 70606
pests 43440 93745 93956
*69042 *85661
control 16805 24925
60809 85836
U S S R *60838 *68700
planting 58308
*852 *48377 *57900 *85661
pollination *731
processed 58154
processing
equipment 8296
products 54345
proteins 62489 64728
66218
quality 58154 *13502 *18289
*62553 *62560
seeds 65843
certified 9629
Gt Brit 74169
Sweden *57863
treatment *47554
viability 29339
shelling *62560
shells
feed *3923
soils 82735
taxonomy *72400
tests 36153 54229
trade
Germany *10962
Netherlands *38028
varieties 13451 21286
30411 30435 30476 40167
40213 49139 62565 65914
66383 95110 *2308 *13520
*82484
Australia 74163
Finland *39380
Netherlands *30483 *49228
*57859 *57860 *81829
Southern States 90435
Sweden *2247 *49148
*57865
vines
feed 76178 *50794
killing 34910
U S S R *2254 *2289 *74211
Washington 27818
waste *10962
weed control 2383 21370
40260 49243 65975 *21397
*65947 *90995
Israel *74245
Netherlands *74316
yields 48198 79447 *90920
Peasants 21624 55692
Africa 63546
Asia *27243
China 19390
Colombia *25619
Europe 27973
France 10937 55645
Germany *46319
Gt Brit 46687
Haiti *63827
history
Canada *10645

Item

Peasants--Cont.
history--cont.
Cuba *28047
France 38225
Madagascar *88477
Morocco *19363
Nigeria 63908
Switzerland *46608
Uganda *88795
U S S R 63735 71692
Venezuela *55782
Yugoslavia 10324
Peat 14254 21110 30861
*13301 *20805 *40445 *81552
equipment *94236 *94256
fertilizers *21752 *31313
Israel *74956
U S S R *21746 *31320
*31321 *34803 *40628 *40976
*50027 *50074 *74960 *83188
*91333 *94236 *94256 *91326
Gt Brit 2638
mulch *66450
properties *58077 *66127
utilization *41934
Peat bogs 29 81375
*2591 *13799 *56662
U S S R *2651 *91179
Peat extracts
effects on microorganisms
*91231
Peat soils 13816 50022
*60529
Austria *58173
Borneo 90265
Florida 89932
management *21627
Norway *2761 *2770
New Zealand 13883 49546
73527
Sweden *74670 *90184 *90217
*91200 *91317 *91359 *91515
U S S R *2553 *6457 *30655
*30882 *48557 *58327 *83033
Peavine. See Lathyrus.
Pebrine *61281
Pecan (tree) See Carya illinoensis.
Pecan nut casebearer. See Acrobasis caryae.
Pecans
analysis and composition
*8663
harvesting
equipment 53065 53072
industry
Texas 95036
labor
Texas 55128
marketing 48895 54283
54291
preservation 8851
processing 55128 79530
shells
utilization 26496
situation and outlook 62484

storage 8851 79530
Pectin 39254 62634
*8628 *8820 *29475 *79347
analysis and composition
*45309
chemistry 17721 48182
*8841 *36145
determination *17579 *44419
*70533 *88029
enzymes 26493 29481
53624 54371 54390 70643
*81782
extraction *18309
Bulgaria *87464
in food processing 45302
in fruit *8662 *36157 *87370
in plants *25807 *79970
in wine *53673
utilization *8628 *8880

Item

Pectinesterase 29478 87366
Pectinophora gossypiella
17065 34607 52757 52822
52823 61248 85940 94061
94062 94070
control 6769 25030 52832
61229 78168 85948 *68916
India 43829
Sudan 6770
Pectinopygus makundi 52903
Pectozyme 56503
Pedaridium *34260
Pediacus depressus *77762
Pedicella *43528
Pediculoides ventricosus. See Pyemotes ventricosus.
Pediculosis. See Lice, man.
Pediculus *25127
Pediculus humanus *94213
Pediculus humanus corporis 25131
Pediculus humanus humanus *94212
Pedigrees. See under Livestock and names of animals.
Pedilanthes tithymaloides 12113
Pegomya hyoscyami *68441
Pegomya hyoscyami betae *85759
Pelargoderus 52433
Pelargonium 13363 40139
57665 82556 *2008 *13368
anatomy and physiology
56955 *56933
diseases 56362 *81181
propagation 47957
varieties 73935 73996
*73939
Pelargonium hortorum 72983
89844
Pelargonium zonale
anatomy and physiology
*81715
diseases 72840 *64794
Pellaea ornithopus
toxicity
to cattle 30620
Pellets. See under Feed; Seeds.
Pellett F C 38233
Pellicularia 280
Pellicularia pruinata 11593
Pelomyia 34354
Peloridinannus n g *24977
Peltanthera 11455
Peltier effect 12468
Peltolejeunea *89403
Pemmican 36538
Pemphigus bursarius *6679
Pemptoporus *52345
Penicillin 11372 72291
*2 *4159 *28473 *38641
*80903
bibliographies 38187
determination 79001
effects on bacteria 8021
83850
effects on livestock 67270
85190 85197 92543 92766
92965 *44932 *53798 *59371
*84804
effects on plants 900
11964
effects on poultry 5233
23868 23871 23915 33169
33238 33273 42711 60109
60159 76724 79878 93004
*51596 *84804 *92965
effects on semen *76131
in milk 26178 79001 *17978
*26072 *35694 *53975
therapeutic use *22971
*32370 *51514 *59268 *59359
cats *76570

*Text of this reference is not in English.

Item

Penicillin--Cont.
therapeutic use--cont.
cattle 4547 4670 42203 42213 51234 59632 67713 *15402 *23294 *32739 *42167 *59312 *59665
dogs 15573 *59312 *76570 *84519
horses 59940 *23613 *23626 *23631 *51473 *59312
poultry *5288 *42711 *51666
swine *33752 *60449 *77130
See also Procaine penicillin.
Penicillinase 26178 *17978
Penicillium 11372 64679 *82727
anatomy and physiology *12510
apples *18353
citrus 445 *20017 *72729
culture media *34
cytology *64626
taxonomy *38542
Penicillium album 15
Penicillium brevicompactum *20061
Penicillium chrysogenum 1068 20450 *28473
Penicillium griseofulvum 64903
Penicillium luteum 38546
Penicillium notatum 20458 56812 *59268
Penicillium novae-zeelandiae *38701
Penicillium roqueforti 79157
Peniophora 47343 56358
Penis 59640 *23325 *32697 *92574 *92852
Penitaline *20111
Pennisetum 12178
Pennisetum ciliare 1470 20648 29685 29792 48561
Pennisetum clandestinum 14225 20719
Algeria *1361 *12729 *48485 *82562 *90363
nisetum glaucum 89939 *20321
Pennisetum purpureum 73526 *4505 *20668 *29719 *48484 *57216 *90365
Pennisetum typhoides 3893[illegible]
Pennisetum typhoideum. See Pennisetum glaucum.
Pennsylvania Agricultural Experiment Station 56119 80838
publications 38177
reports 19720 47126
Pennsylvania Cooperative Potato Growers 870[illegible]
Pennsylvania Dept of Agriculture
publications 88393
Pennsylvania Farm Show 35611 37823
Pennsylvania Horticultural Society 39680 57425
Pennsylvania State College 2028— 2030 16481 48818 71823
Agricultural Extension Serv 38177 57212
Pennsylvania State Grange 37970 55772
Pennsylvania State Horticultural Association 1599
Pens 17456 25488 35078 69391
cattle 7294 7301 17456 44272
sheep 17472
Pensions. See Old-age insurance; Social security.
Penstemon davidsonii 40105

Item

Penstemon gentianoides 56241
Penstemon kunthii 56264
Pentabromoacetone *44821
Pentacentrus 6842
Pentachlorin. See DDT.
Pentachlorocyclohexene *16305
Pentachlorophenol 1280 22570 22576 41431 50481 50482 58988 83541 *14803 *22572 *50470 *65958
in soils 89981
residues 2410
Pentachlorophenoxyacetic acid
fungicide 11789
Pentacitrotus 52769
Pentakleidota See Kleidotoma (Pentakleidota).
Pentamerismus 93717
Pentamrus n g 52388
Pentane 79832
Pentanisia 47299
Pentarthrum *52692
Pentarthrum huttoni 68639
Pentastomiasis *93159
Pentatomidae 24976 43661 85853 93973
Ethiopia 68830
Pentatrichopus. See Capitophorus.
Penteucoila n g 6744
Penthaleus major 5978
Penticton Co-operative Growers 80578
Pentobarbital *67818
Pentobarbital sodium 51604 92739 *4167
Pentodon idiota *60876
Pentosans 9072 9073 41622 41638
Pentoses 3791 42949
Pentothal sodium *32360
Pentoxydema *68715
Pepargit Osip *23641
Peperomia *57646
Pephricus. See Pascoellus.
Poploptera *77767
Pepper 44688 61941 63867 86746
Pepper weevil. See Anthonomus eugenii.
Peppermint. See Mentha piperita.
Peppermint oil 70996 *2473 *9479 *62903
Argentina *9458 *45755
chemistry *26971 *36748 *45807
oxidation 36746
situation and outlook 45764
tests *62964
utilization *36748
Peppers 533
analysis and composition *62493
anatomy and physiology 915 992 *942 *47805
Argentina *21248 *49124
biochemistry *90171
breeding *91099
culture *30698
Hawaii 2276
Netherlands *40254
Spain *65813
diseases 394 11867 64564 87415 *931 *47546 *64416
Argentina *64321
resistance 11915 29014
genetics 73052
Italy *26455 *30400
marketing 87415
pests 6433
Spain *80600
varieties *21302
South America 2287

Item

Pepsin 9257 92299 *59964
Pepsis 43721
Pepsis marginata 93715
Perches 24000 *35082
Perchloric acid test 8002 *1034
Perdita 94039
Perdomo J E 79995
Perenox 11767
Pereskia 89320 *80949
Pereskia corrugata 19813
Pereskiopsis digueti *38936
Peretan *4027
Perezia pyraustae 43791
Perfumes 58021 *26972 *26973
Pergamasus *93731
Pergesa elpenor *16946
Periarteritis nodosa *4692
Pericarditis *32707 *51227 *92645
Pericasta n g 52421
Pericoma *85771
Peridermium appalachianum 47338
Peridermium himalayense 56558
Peridermium indicum 28832
Peridermium pini *3489
Peridroma margaritosa 78147
Perigona microftalma *77748
Perigonillus *52400
Perilampus *6736 *85924
Perileptus *24719 *85648
Perileucoptera coffeella. See Leucoptera coffeela.
Perilissus 52699
Perilla *39156
Perilla frutescens *930 *13656
Perilla nankinensis *929
Perillus 77961
Periodic acid 59992 85305
Periodic ophthalmia *42469 *76631 *76645 *84650
Periodical cicads. See Magiciada septendecim.
Periodicals 95794
abbreviations 13739
bibliographies 10217
Gt Brit *80493
Periparia n g *52404
Peripatus 34188
Periplaneta 78220 *61274
Periplaneta americana 6833 78230 78238 *94167
anatomy and physiology 6837 6843 6856 34657 43874 61278 86045 94168 94165 *43898
and disease 78226
control 52852
ecology *86037
nutrition 17134 34655
oothecae 69002
parasites 86032
rearing and breeding 17134
Periplaneta australasiae *17129
Periploca graeca *56700
Perishable Agricultural Commodities Act 26532
Perisomena caecigena
caecigena *34601 *43814
Perissocoeleum n g 89328
Perissopygocoris n g 6669
Peritelus griseus *52457
Peritoneum *59947
Peritonitis
cattle *32719 *67622 *67659 *67681 *92639
Perkinsiella saccharicida 93936
Permanganate 32173
Permeability, in plants. See Osmosis.

Item

Peron E *71468
Peronospora antirrhini 64450
Peronospora destructor 56427 *382 *20062
Peronospora holostei *38699
Peronospora manshurica 28886
Peronospora pisi *89583
Peronospora schachtii *56570
Peronospora tabacina 89613
Peronospora trigonellae *47482
Peronosporaceae 47576
Perosis 23972 23973 33342 60176 *5377 *42697
Perotis lugubris *85690
Peroxidase *20461
in meat *54595
in milk *26011
in plants *25604 *20464 *25782 *29467 *81778
Peroxide 35931 *18631
determination 54723 79698 *87830
effects on plants 81689
in fats 26824 54723 54724 *36696
Peroxydisulfates 70706
Perperus vermiculatus 60851
Perrierodendron *113
Perrisia oleae *34345
Perry *35505 *53651 *69773
Persectania compositae 6806
Pershore Institute of Horticulture 65299
Persian tick. See Argas persicus.
Persulfates. See Peroxydisulfates.
Peru Corporación Peruana del Amazonas *27050
Peru Estanco del Tobaco *71176 *79988
Pescatorea cerina 28620
Pest Act (India) 16617
Pest control 34705 80708 80717
Denmark 55961
equipment 7174
Germany
Russian Zone *94243
India 68451
Peru *80747
Union of South Africa 80737
Pest control operators 25130 34705 43148 43234 52593
Pestalotia psidii 38728
Pesticides 80708 93494
hazards and safeguards 80746
legislation 72576
Pestox 3. See Schradan.
Petasitis hybrida *58040
Petasitis officinalis. See Petasitis hybrida.
Petersen A Contributions to the natural history of the Danish Simulium 16733
Petersenia panicicola 81297
Petrified wood 80854 *58
Petrobia latens 16504 34171 52373
Petroleum 41423 70969
cooperatives 7234 17421 17422 17423 44199 44201 44207 53199
effects on plants 73094
fuel 86309 *35001
Germany *27558
herbicides 2331 21353 91014 *74314
insecticides 48119 77297 *24863 *52058
leases 46527 55514
substitutes 70941
waste
fertilizers 50006

*Text of this reference is not in English.

Item
Petronymphe 28575
Petrov A V *80783
Pets 32442
Petunia 2029
anatomy and physiology 64633 89873
varieties 40006
Petunia hybrida *89324
Peulvruchten Studie Combinatie 12579
Peumus boldus
anatomy and physiology *72993
Pexopsis *85756
Peyronellaea *38523 *47802
Pezidothrips n g 25137
Peziza domiciliana *12349
Pfeffinger disease
cherries *29025 *89735
pH. See Hydrogen ion concentration.
Phacelia 28519 *21452 *65140 *65141
Phacelia tanacetifolia *82614
Phaedonia inclusa 85606 93734
Phaedranassa *39191
Phaenicia sericata 6535 24877 52527 77837
Phaenobremia urticariae *34361 *43536
Phaeobotryosphaeria *72490
Phaeocryptopus gäumanni *64448
Phaeocyclotomus *68688
Phaeomantis. See Melliera.
Phaeonotus n g 43888
Phaeopeltis *242
Phaeophilacris *25091
Phaeophyceae 232
Phaeophytin 73291
Phagocytes 84555
Phaius grandifolius 13376
Phakopsora 72514
Phalacrotophora 77828 *24859
Phalaena 94081
Phalaenidae *6754 *6776 *94065 *94131
Brazil *85938
Ireland 52768
Italy *68987
Norway *17053 *68978
Phalaenopsis 13206 13328 82364
Australia 13155
culture 13178 13265 65674
diseases
Philippines 11891
Florida 13382
hybrids 13389
Phalaenopsis gigantea 21091
Phalaenopsis sanderiana 89831
Phalangida 34184 43382 *24711 *34206 *34207
Belgian Congo *24707 *24713
Phalangodinella n g *68596
Phalantus 43676
Phalaris *64203
Phalaris arundinacea 49969 *73610
Phalaris canariensis *65099
Phalaris minor 12738
Phalera bucephala *68930
Phalonia *85932
Phaloniidae. See Agapetidae.
Phaneroptera quadripunctata 86046
Phanerota 34288
Phanerotoma fasciata 16928
Phanerotoma rjabovi *43738
Phanerotoma tibialis 16928
Phanotea 52378 77631
Pharaoh ant. See Monomorium pharaonis.
Pharbitis *81480
Pharsalia 93778
Pharynx 15494 *51420 *59743
Phaseolus
anatomy and physiology *47945
cytology *29131
Phaseolus aureus. See Mung bean.
Phaseolus vulgaris. See Beans.
Phasgonura caudata *6727
Phasiinae *77840
Phasiostoma 43541
Phaulodiaspis 68624
Phauloppia gracilis 43403
Pheasants 5441 5459 33383 51698 *84787
See also under 4-H Clubs.
Pheidole 6719 78022
Phellodendron amurense *29323
Phellorina delestrei *89406
Phellorininae *28696
Phenacaspis pinifoliae 34441
Phenacoccus hirsutus 93958
Phenanthridinium compounds 897 59628 67700 75839
Phenergan *92851
Pheno-lead 24363
Phenol 24867 59972 *25887 *32153
in plants 3806
Phenol compounds 11797 36992 50613 64861
Phenol, 4, 4′- (diethylideneë-thylene) di- See Dienestrol.
Phenol oxidase 20459 81766
Phenolases 12529 *1072 *12547 *25782
Phenology. See Climate and weather.
Phenothiazine *5927
anthelmintic 4112 4684 5699 22929 59699 84421 *4209 *32313 *33062
cattle 23333 23284 84265 84266 84340
dogs 84509
horses 15668 33068 59926 *59925
sheep 5667 42956 42968 85107
effects on sheep 5654 *16017
toxicity
bees *6273
Phenoxyacetic acid 30519
Phenoxylene 2332
Phenyl-β-naphthylamine *9604 *54828
Phenyl mercuric acetate 14999 21420 65927 *14915
Phenyl mercury chloride 89511
Phenyl mercury compounds 4726 90024 93658
n-Phenyl succinimide 29194
Phenylacetic acid 20453
Phenylalanine *54223
effects on plants 73157
Phenylcarbamates
herbicides 13632
Phenylglycine
in plants 73157
Phenylurethane *12531
Phialea temulenta 81237
Phialophora 64292
Phialophora goidanichii *54353
Phialophora radicicola 64476
Philadelphus *90747
Philaenus leucophthalmus 16827 24961 34482 43624 68872 77929
Philaenus spumarius *43652
Philanthus *25008 *34543 *78001 *78035
Philanthus diadema 60703
Philanthus triangulum *24993 *34520 *61132 *78044 *94026
Philia 6529
Philiopsis *85647
Philippine Association of Agriculturists 37967
Philippine mahogany. See Shorea.
Philippine Society of Technical Agriculturists 37967
Philippine Sugar Institute 27103 36917
Philippines Bureau of Forestry 83235
Philippines Bur of the Census and Statistics 88449
Philippines Dept of Agriculture and Natural Resources 11199
Philippines Land Settlement and Development Corporation
Bukidnon Farm Project 45610 44136
Philippines University College of Agriculture 64001 71888
Phillips E F 11270 19666 47051 72210 89110 *38208
Philodendron 1942 82426 90837 *21184 *89332
Philodendron bipinnatifidum *28599
Philodoxus *85869
Philodromus 77631
Philonotis *47312
Philonthus 60848 *60842 *24719
Philorhizus 52894
Philotarsus 72439
Phippsia algida 6842
Phisis
Phlebotomus. See Flebotomus.
Phleospora crescentium 56549
Phlepsanus 85835
Phlepsius 85835
Phleum pratense 20655 *92222
anatomy and physiology 20264 *1413 *12475 *39168 *39169
culture 20698
diseases
U S S R *47492
feed 85079
fertilizers *82849
harvesting
Norway *1472
hay 62296
Netherlands *12779
seed *7096 *45949 *78482 *88021 *90326
U S S R *1411 *29790 *74646
varieties 20673 90405 *65094
Phloem necrosis 3497 29016 81299 81324 93988
olives *586
Phloeobium *52446
Phloeosinus bicolor *85688
Phloeosinus thujae *16579
Phloeothrips oleae *43197 *94208
Phloeotribus *6432
Phloionolic acid *41579
Phloretin 80890
Phloroglucinol 64561
Phlox 11511 13235 38449 49100 73928
U S S R *1926 *73978
Phlox bifida
genetics 73037
Phlox drummondii mcallisteri 168
Phlyctorhiza variabilis 19884
Phoenix
Africa *89290
Phoenix atlantica
North Africa *28518
Phoenix canariensis *47753
Item
Pholidoptera 86033 86035
Pholiota destruens *89620
Pholiota vahlii *56357
Phoma 38690 *38517
Phoma betae *11957 *56472
Phoma lingam 540
Phomopsis 72801 *28833 *72471
Phomopsis pseudotsugae
Larix leptolepis 72788
Phomopsis quercella *38751
Phonolibes *85870
Phony peach 64552 64561 64568 64574 72858 72866 72867
Phoradendron
diseases 81104
Phoradendron juniperinum 72557
Phoridae *24859 *52576 *85773
Phormia regina 16679 34347 60913 77837 85725
Phormium tenax. See New Zealand fiberlily.
Phorocera elisae *24794
Phorodon humuli *16519
Phoroncidiinae 52365
Phorotrophus *85888
Phosphatase 1061 39220 *32309
effects on cattle 84271
effect on insects 43349
effects on poultry 33296
effects on sheep 84271
in animal physiology 51513 *67814
in blood 51478 84660
in cream 79026 *86923
in latex 95423
in milk 23286 23287 54019 62057 78998 79026 *70015
in plants 20463 29442 39262 47964 *56964 *64794
in potatoes *87361
in semen *76956
Phosphatase test
dairy products 44807 *70019 *94764
milk 35698 79009 *8008 *17868 *26084 *94765
whey *94765
Phosphate insecticides. See Organic phosphate insecticides.
Phosphate rock 21779 31239 40621 58548 *21704 *50007 *83142
fertilizers 13891 30781 31281
New Zealand 58244
properties 40926
radioactive 30781
Phosphates 31245 50016 76024 *14261
chemistry 18779
Chile *50052
determination 69762 *49416
effects on plant diseases 597 47671
effects on plants 48086 48132 64706 66373 81611 91341 *29203 *48110 *73257
fixation 2567 74448 *13780 *66174 *82689
Gt Brit 14298
Illinois 31282
in animal nutrition *3949
in blood *83935
in cattle nutrition *23259
in food processing 70649 *18589 *54665 *87803
in plants 56943 56956 56965 56903 *64840 *81762 *90139
in poultry nutrition 60077
in poultry physiology 23920
in sheep physiology 16023

*Text of this reference is not in English.

Item

Phosphates--Cont.
in soils 2598 11058 29444 30763 49421 49439 49445 49533 82711 91512 *21533 *50017 *58109 *58121 *81669 *91180
Argentina *49415
Netherlands *82705
USSR *91188
in sugar industry 46016
Florida 58575
Italy *50044
Union of South Africa 83164
Western States 14278
Makatea 40942
manufacture *14263
Nauru Island 40938
policies and programs
North Africa *50037
situation and outlook 22046
Gt Brit 22012
statistics 31274
See also Superphosphate, and names of phosphate compounds.
Phosphaticola *17099
Phosphatides 9413 35238 73333 87912 95453 *39255 *79805 *95341
Phosphoglucomutase 29453
Phosphoglyceric acid 20297
Phosphohexokinase 73314
Phospholipides 16073
Phosphoric acid 91529 *71148 *85716
determination *17581 *25616 *74929 *75688 *92011
effects on soils *30785
fertilizers 13843 21646 74924 74925 *13934 *14264 *22004 *49763 *74462 *82693
Germany *2848 *40651 *49710 *91310
USSR *31242
fixation *49422
in casein *17990
in feed *50716
in grasses 41761
in soils *2585 *21512 *21520 *21530 *30750 *58092 *91214
Germany
Russian Zone *40451
statistics 50041
Phosphoric anhydride *58553
Phosphorobacterin *40496 *49468
Phosphorus 30766
determination *20339 *26697 *40466
effects on livestock 30814 *15441
effects on plants 12287 12385 39080 39174 47957 47987 49426 56789 56807 56872 64462 64758 73105 81637 81675 89932 90057 90059 *988 *12236 *20350 *39118 *40450
fertilizers 903 964 2703 2732 2733 2820 3124 13953 13999 14002 14007 14013 14294 21618 21655 21772 30908 31013 40436 40603 40739 49565 49566 49577 49604 49662 49725 49754 49770 58115 58117 58279 58312 66264 66331 74634 74650 74925 74927 82919 83159 91293 91304 91341 91508 *2712 *2728 *2737 *2755 *2795 *3150 *13903 *14262 *20390 *21677 *21705 *21707 *22027 *31016 *31267 *40532 *40609

Item

Phosphorus--Cont.
fertilizers--cont.
*40692 *40717 *49575 *49595 *49640 *49657 *58233 *58256 *58322 *58553 *58554 *66333 *66387 *66401 *74597 *74913 *74926 *74929 *82801 *82857 *83152 *91284 *91285
Arkansas 22007
Australia 66391
Brazil *30968
Florida 74614
France *74566
Germany *37449 *40734
Hungary *50032
Ireland 22005
Mississippi 74542
Netherlands *66708
New Zealand 3138
Northern Ireland 66375
Norway *83144
policies and programs
North Africa *58555
situation and outlook 58580 66704 *14291
Sweden *40648 *58551 *66683
Tennessee 74671
USSR *49591 *58342 *58363
Illinois 30791
in animal nutrition 11058 50722 *83782
in blood 51478 84660
in cattle nutrition 4479 59597 67706 *4521 *4522 *32793 *59615 *76200
in cattle physiology 67556
in cheese 7994 *44818
in grasses 3962
in human nutrition 11058 28184 96168 *11084
in insect physiology *94183
in insecticides 93923
in milk 23287 62057 *63949
in mink nutrition 42408 *42411
in mink physiology 4960
in plants 12282 20463 47979 48156 49491 59242 73329 *12551 *29317 *56987 *64875
in poultry nutrition 42594 *5247
in poultry physiology 51614 60158 76822 93021
in sheep nutrition 5666 42945
in soils 31013 39174 40453 40471 40486 40506 66376 74445 74454 74456 91216 *20413 *30771 *30786 *30821 *40488 *49418 *58110 *73283 *91199
Arizona 2568
Colombia *2821
USSR *40440
Uttar Pradesh 40436
in swine nutrition *5822
in swine physiology 51956
insecticides *39206
residues *53674
radioactive 5387 6553 6591 6648 13796 16102 23317 33710 40498 40739 42704 42944 47987 48000 49603 49604 49641 51767 52175 56773 60116 60158 61122 73267 73303 74634 74653 76822 77886 77915 81521 91304 91320 *20339 *20390 *29203 *29294 *33927 *39186 *43632 *56917 *83935 *90117 *90139 *93900
situation and outlook 14292
toxicity
to cattle 15446

Item

Phosphorus compounds 16195 24461 52382 *52866
in milk *35693 *79046
in soils 66187
Phosphorus pentoxide *74926
Phosphorylase 23286 48185 73315
Photinia arbutifolia 52570
Photinus pyralis 77744
Photoelectric analysis 26692 36278 *53769 *92468
Photogrammetry *66891
Photography 55 11151 11399 38254 63968 69550 80513
aerial 27614 37633 46580 58167 88522 *91253
conferences and congresses 75221
forests 22275 22285 22286 22294 31596 31610 41168 50243 58757 58855 75210 75221 75227 83367 *22287 *66891 *83350
Finland *3385 *41173 *41176
Norway *66785
Surinam 49517
Sweden *50245 *58753
USSR *91731
ranges 75210 75221 75223
soils 30823 30837 30840 30841 74500
Spain *55568
Surinam 49517
vegetation 28453
cattle 4554 76100 76496 76497
dogs 42399 *59871
flowers 55 56137 28440 72260 *80878
forestry 74974
insects 5897 6372 33812 43880 52708 77184 85310 85970
livestock 4554 83997 92382
pastures 38396
plants 3182 11399 19754 19790 28434 33812 47351 64124 64155 89203 90505 *80857
sheep 51876
See also Films; Motion pictures; Photogrammetry; Photomicrography.
Photometry 83146 *1064 *7465 *22027 *35236 *35516 *41870 *78875
flame 25872 40479 *2589 *22026 *58552
See also Spectrophotometry.
Photomicrography 33812 *29457
Photomorphus 61136 78045
Photoperiodism 805 899 901 925 945 12283 12455 12463 20371 20372 20383 29235 29427 39076 39090 39140 39148 39211 48066 56762 56780 56783 56835 64707 64721 73110 73204 81608 90020 90129 *839 *937 *951 *953 *1011 *13093 *13345 *29273 *39046 *39098 *39102 *39156 *39172 *39175 *56874 *64717 *64740 *64831 *64860 *81480 *81685 *81740 *90103 *90123
Photosensitization 50832
cattle 67700 84421
livestock *3984
plants *3984
sheep 77005 *85097
Photosynthesis 813 949 1073 12292 12373 12393

Item

Photosynthesis--Cont.
12421 12431 12436 12445 12449 12492 20273 20277 20290 20294 20295 20297 20362 20400 20422 20424 29316 29388 29422 29425 39134 39213 47947 48112 48119 56886 56939 56943 46950 46956 64710 64788 64866 73116 81535 81548 81561 81647 89935 94615 *838 *1010 *12246 *12407 *12499 *12531 *12544 *20259 *20423 *29389 *29408 *29434 *39036 *39173 *47882 *48147 *56430 *56768 *56908 *56933 *56942 *64840 *64864 *73242 *73243 *73257 *73298 *81531 *81614 *81641 *81664 *81715 *81728 *81767 *89919 *89958 *89959 *90034 *90131 *90163
See also subhead anatomy and physiology under names of plants.
Phototropism *16815 *90064
Photuris 43413
Phragmidiella 56327
Phragmites communis 64186 *47246
Phragmothyriella *242
Phreatia 28542
Phricodus 43661
Phrixosoma *6432
Phryma leptostachya *93528
Phrynium gracile 38443
Phrynodermocoris n g 43676
Phryxe vulgaris 43766
Phthalamic acid 65951
Phthalylsulfacetamide 92596
Phthalylsulfathiazole *76331
Phthiracarus *93731
Phthirocoris 77948
Phthorimaea operculella. See Gnorimoschema operculella.
Phungia *6434
Phuramon. See Furfuryltrimethylammonium iodide.
Phycoerythrin *56976
Phycomyces 20446 20448 39232 64886 73324 *56993
anatomy and physiology 56764 81436 89849
biochemistry 73335 *73326
Phycomycetes *38547 *39233
Phycomyza n g 34354
Phycus 52631 52633
Phygon 56488
Phylaxovina *5674
Phyllachora 19887
Phyllachoraceae 19887
Phyllagathis 56218
Phyllanthus emblica 58050
Phyllaphis fagi *43686
Phyllitis scolopendrium *47308
Phyllocactus *13166
Phyllocnistis citrella 6799
Phyllocoptes 77236 *6400
Phyllocoptes destructor 34210
Phyllocoptes lycopersici 77247
Phyllocoptes vitis *52369
Phyllocoptruta oleivora 77614
Phyllodoce caerulea *47290
Phyllopertha horticola 24764 *16564
Phyllophaga 6414 16626 52440 *93788
Phyllophaga crassissima 93787
Phyllophaga portoricensis 93819
Phyllophaga vandinei 93819
Phyllostachys nigra *49773
Phyllostachys reticulata *89810

*Text of this reference is not in English.

Item

Phyllosticta 1608 56518 *47348 *47559 *64496
Phyllotaxy 20177 *20173 *38946 *89818
Phyllotibia n g *6736
Phyllotreta *43475
Phyllotreta vittata *85698
Phylloxera *6646 *34479 *34480
Argentina *61079 *77939 *77946
Australia 34461
conferences and congresses *68845 *77939 *77946
control 24965 *6652 *6690 *52636 *52681
California *52683 *68873
Germany *6649 *6688 *93957
USSR *34484 *34486
France *34492
Italy *61083 *85841
Phylloxera vastatrix *34475 *61053 *61081
Phylloxera vitifoliae 16867 93938 93963
Phymata *34467 *43664
Phymatidae *34467 *43664 *93972
Phymatostetha *68825
Phymatostetha perspicillaris *68825
Phymatotrichum 501
Phymatus *93972
Physalacria *28690
Physalis 20147
Physalis alkekengi *47234
Physalis pubescens *82312
Physaloptera hispida 94173
Physalospora 72514
Physalospora obtusa
apples 399 72772
Physalospora paulowniae 11813
Physalospora tucumanensis 64409 72626 89457 89672 89682
Physaria 20162
Physarum diderma 89452
Physatocheila quadrimaculata 52624
Physciaceae *11578
Physcus 61116 *6736
Physically handicapped
land settlement 10432
Physicians 10814 19312 27962 46636 55648 80544
Physiology. See under Plants; and subhead anatomy and physiology under names of animals, insects and plants.
Physiphora 60981
Physocephala macrocephala *16749
Physochlaina praealta 1043
Physocrobylus n g 17118
Physoderma 38516
Physoderma graminis 19998
Physoderma maydis 64458 72698
Physomerinus n g *77727
Physostegia 169
Physostigmine *85997
Phytalmiidae 77907
Phytate phosphorus 40459
Phytates 70624
Phytelephas *3913
Phyteuma *89291
Phytic acid *36324 *56833
Phytobacteriaceae 81278
Phytodecta *24740
Phytodecta rubripennis *68647
Phytoecia *16532 *52408
Phytogeography
bibliographies 28500
Phytolacca americana 64214 66046

Item

Phytolaccaceae
Madagascar *47226
Phytolostoma n g 77732
Phytomonas solanacearum *537
Phytomonas syringae *11976
Phytomyza *6567 *24835 *34372 *77869
Phytomyza atricornis 16724
Phytomyza heringiana *78123
Phytomyza ilicis 16704
Phytomyza plantaginis 16686
Phytomyza rufipes *77860
Phytoncides. See Antibiotics.
Phytonomus. See Hypera.
Phytopathology 11640 *299 *1360 *11673 *89549
bibliographies 72596
conferences and congresses
Latin America *11618 *72598
research *11687 *56360
statistical methods *11641
technique 326 12032 47372 47425
terminology 64345 72560
See also Plants, diseases.
Phytophaga destructor 6524 24816 93462 *34335 *60963 *60975
Phytophthora 835 919 29382 *72730 *81290
Campanula 449
Castanea *47508
Chamaecyparis 505 64515
Cinchona *11780
citrus 38674 56523 *481 *56550
Hibiscus 47524
ornamental plants 64529
peppers 11915
potatoes *28948 *47473 *72631
pumpkin 81247
safflower 11929 56564
squash 81247
sugarcane 89671
Phytophthora capsici
tomatoes 397
Phytophthora cinnamomi
avocado 28968 89688 89690 *47471
Castanea *81285
Pinus echinata 72646
Platanus orientalis *11734
Phytophthora citrophthora
Juglans *20059
Phytophthora cryptogea
tomatoes 31232
Phytophthora fragariae 434 56569
Phytophthora infestans 38766 72640 *28846
potatoes 11767 29012 38650 56505 56574 64509 *420 *432 *489 *490 *11742 *11875 *20031 *28851 *28980 *64445 *64446 *72714 *72724 *72755 *89607 *89633
Solanaceae *438
tomatoes 11914 56497 *28851 *56467 *56468
Phytophthora palmivora *11848 *11911
Phytophthora parasitica
castorbeans *19979
citrus *56534
pineapples *89644
Phytophthora parasitica
nicotianae 11936 56543 56567 64488 64489 72735 72736 89645
Phytophthora syringae *11724
Phytoplankton. See Plankton.
Phytoptus 52388
Phytoptus pini 52372

Item

Phytoseiulus n g 85561
Phytoseiulus speyeri 85561
Piassava *87189
Pica
livestock *50860 *67703
Picea 3676 14992 50291 58707 91710 91821 *3306 *3619 *14997 *15000 *22583 *31637 *50315 *83334 *91736
Alaska 89228
anatomy and physiology *48091 *56843 *56849
Austria *83371
bark *14948 *32113 *92114 *92118 *92119
Canada 75695
culture *22301 *22310
Germany *22309 *66925 *75272 *91698 *91783
Sweden *40300
diseases 20034 *20070 *56531
ecology *50275
effects on soils *22397
felling *91949
France *83393
genetics *12212
Germany 50260 *31522
germination *14602
growth *58784 *75254 *83385
injuries *75355 *75356
Italy *41171
New York 91806
Northeastern States 91773
Norway *3320
pests 52517 *16598 *77777
Austria *52480
Canada 34535
control 6760 34217
Yugoslavia *34545
Germany *14648
planting *3462 *75345
products *3750 *3753
propagation 91803 91806 *58810 *66962 *81850 *91808
pruning *83385 *91792
regeneration *31721 *41233
Scandinavia 89445
seeds 91806 *41229
Austria *66946
Finland *783
viability 31688
soils *82721
Sweden *31639
USSR *3312 *50347
wood 83661 *3788 *22681 *41543 *41619 *50523 *50622 *58980 *75599
damage 28831
properties *41645 *59146
utilization 75695 92026 *3635
Wyoming 66856
yield *66929
Picea abies 59117 73169 *997 *3457 *3458 *6667 *12403 *14588 *20170 *83647 *91800
Canada 14609
Denmark *58315
Germany 91759
germination *20271
growth 83349 *75256
mensuration 83349
Norway *64114 *75216 *75305
planting 14599
thinning 83391
wood *15030 *59112
Yugoslavia *66960
Picea engelmanni 13741 22201 50306 83384
Picea excelsa. See Picea abies
Picea glauca 14609 39109 58829 *12059
Picea glehni
diseases *38693 *50284

Item

Picea jezoensis *12153
Picea mariana 3324 66941 67215
Picea omorika *21749 *80965 *91830
Picea rubens 75282 *14572 *14616
Picea sitchensis 22201 31852 59015 *66934
Pichilingue Ecuador Estacion Experimental Tropical Agricola
Dept of Horticulture *29900
Plant Pathology Dept 28783
Pickaroons 22464 *41309
Pickles 54316 70505 *62580
chemistry 45304 87474
processing 8825 26587 35381 45412 45419 45459 54316 54357 62594 62616 62630 70634 70652 87474
quality 87436
statistics
Australia 25775
Pickleworm. See Diaphania nitidalis
Picnometer 74421
Picralima nitida *39234
Picris *89345
Picromycin *72265
Picrorrhyncha 52770
Pierce's disease
grapes 555
Pieridae. See Asciidae
Pieris *16947
Pieris brassicae 43851 68889
food and host plants 68955
larvae 68955
parasites *6700 *78006 *85891 *94011
Pieris napi 25028 52831 94055
Pieris rapae 25056 52809 94109 *94113
Pierre F *17004
Pierre L *72192
Piesma quadratum *16861 *38826 *85879 *93998
Pig Breeding Research Station (Scotland) 24227
Pig hatcheries. See Baby pigs, industry.
Pigeon pea 72783 82892
diseases 22834 72783
Pigeons 15871 *5504 *5523
anatomy and physiology 67976 *42707
Austria *76700
breeding 15716 15761 23724 42583 51542 60010 60043 76684 76688 84792 92902 *92943
Germany *33146
hybridization *33140
Netherlands *84774
Switzerland *42524
breeds 15726 *5176 *60009
Archangel *84791
Blue Barred Rock 23723 23762
Carrier *5146 *60035 *68138 *76700
Damascene 84780
Fantail 5134 *60060
Flight
American Domestic 67980
Florentine 15741
Frillback *23783 *51554
Homer 76688
Hungarian 5170
Ice *76712
King *92938
Lahore 76702
Lark
Coburg *76694
Loosveldt 84786

*Text of this reference is not in English.

Item

Pigeons--Cont.
breeds--cont.
Modena 92925
Mondaine 51538
Mookee 84781
Owl 15742 23759 *5189
Chinese 15722 60005
Polish Lynx 92926
Pouter
Amsterdam Balloon Cropper *15736
Ghent 76705
Old Holland Cropper 42545
Pomeranian 60034
Saxon 67975
Swallow 60050
Nuremberg *60004
Thuringian *51526
Triangular-Spotted of Africa 23723 23762 23763
Trumpeter *67983
Tumbler
Almond 84772
Berlin White-Tail *33139
Moorhead *33161
Muffed 84773
Roller 15716
Stork 23776
Tippler 15717 60017
Vienna *42526
White Tail 92919
care 24001 33408 42740 84978 *5517 *24082 *92943 *93044
seasonal 5493 51721
color *33146 *84771 *92918
costs and returns 15761
Czechoslovakia 15726
diseases *5374
Brazil *68092
France *5341
egg production 68098
feathering *84771
feeding and nutrition 5222 42583 60065 60066 84978 *33192 *68011 *76743
deficiencies *23821
genetics *84771 *92918
habits and behavior 24008 33431 68163 *33465 *68138
hatching 68098 *33410
history
Gt Brit 33472
homing 33431 54771 60264 68163 84966 *5463 *5464 *15925
hybrids 23723 23762 23763
Israel 33399
judging 5134
nests 24000
Netherlands *5521 *84774
parasites 15843 15844 33345 *51626
India 60178
racing 42750 51542 51685 *33411 *60035
sanitation *33192
shows 5487 76688 *5604
trade 72055
transportation 54771 71046
war use *5463
See also Squabs; names of anatomical parts, diseases, and parasites; and under Embryos; Serum.

Pigments 90146
animal 5389 15444 23704 23707 32301 42511
fruit 36154 54236
insects 6658 43649 43660 68738 68744 *16909
oilseeds 9389 9468 9469 54757
plants 15 12518 20224 20437 20452 20457 47870 56777 61926 64695 95356

Pigments--Cont.
plants--cont.
*48178 *56908 *56969 *56970 *56976 *56998 *64906 *73114 *73320 *73328 *78875 *90169
poultry 23870 42550 42604 *51655
wine *78875
See also Color; and names of pigments.
Pigs. See Baby pigs; Swine.
Pikonema alaskensis 34535
Pileolaria terebinthi *47570
Piling 41441 58987
Pilkinton Chymical translation 91506
Pillsbury Flour Mills 9076
Pilocarpine *85997
Pilocereus *38420
Pilocereus polygonus 72417
Pilocereus sericatus *72958
Pilosperma *116
Pima County Arizona Fair 10765
Pimelephila ghesquieri *52791
Pimelia 52460 *34212
Pimeliaphilus 93703
Pimeliaphilus podapolipophagus 93703
Pimientos. See Peppers.
Pinoa 16491
Pinpinella 11438
Pin cherry. See Prunus pensylvanica.
Pinacopodium n g *80957
Pine needle scale. See Phenacaspis pinifoliae
Pine needles
effects on livestock feed 59685 84163 *32221
Pine oil *67092
Pineal body 59348 *5355
Pineapple disease
sugarcane 64511
Pineapple juice 26610 87512
Pineapple mealybug. See Pseudococcus brevipes.
Pineapples
anatomy and physiology 800 39014 72959 73296 *47900 *73225 *81442 *81686
Belgian Congo 20888
canning 20882
Ceylon 20884
Cuba *65402
culture 20882 48636 48763 73787 *65382
Australia 13015 29976 29977 29996 39790 57506
Hawaii 3024
Union of South Africa 1709 73780
Venezuela 81920
diseases 28924 *11762 *89644
equipment 7242 78377
fertilizers 21734 30912
frozen
trade 72044
industry *26498 *45269
Cuba *36101
Hawaii 36908 *36101
Kenya 62459
Mexico 8652
Union of South Africa 36118 45276 73776 79339
Malaya 8873
packing 26561
pests 61097
Puerto Rico *20901 *63587
situation and outlook
Malaya 8613
soils 2671 2720
tillage 2874
waste
utilization *79377

Pineappling
Iris 48036
Pinguicula *80901
Pining
sheep 42957
Pinitol 67185 *29479
Pink bollworm. See Pectinophora gossypiella.
Pink disease
Hevea 38741
Pinkeye. See Infectious keratitis.
Pinks. See Dianthus.
Pinnaspis 61055
Pinnatella 72444
Piñon 54193 *80681
Pinus 14595 *14464 *75661
anatomy and physiology 48019 56864 56867 73162 *22723 *28537 *31647 *41218 *47968 *48023 *48085 *56819 *66977 *90062
Arkansas 41150
Australia 52721
bark *14947
Bavaria *14470
biochemistry 39001 *90162
breeding 22338 *75237
British Honduras 11477
culture *3414 *50267
Germany *31622 *75272 *91745
Norway *14478
Sweden *40300
USSR *31629 *31644 *31797 *91744
damage 14638 22376 *50359 *92016
diseases 64444 72718 72781 81227 *28766 *72800
control *3489
Denmark *38705
drought resistance *75324
ecology 89784
fertilizers *75269
Finland *74984
France *14469
genetics 31659 91747
Germany *22192 *43128 *75239
Gt Brit 82344
growth *14570 *29288 *31759 *50276 *75298 *83385 *91755
hybrids 14562 28621 39001 *41129
identification 11512
injuries 66982 75369 *66977
Japan *50198 *90162
mensuration *75224
Mexico 11477
Michigan 50285
Middle Coastal Plain 66886
Norway *75237
pests 6697 6735 16557 68892 77711 *16987 *43410 *93795
Denmark *38705
Germany *34257 *34460
Illinois 85999
Italy *85919
Mexico 77765
Netherlands *34231 *61128 *68877
Poland *93758
Southern States 60557
Sweden *85904
USSR *34549
planting *91812
California 3440
Illinois 83401
Ohio 50334
USSR *22358 *41218 *75315 *75316 *75341
Wisconsin 41244
products *75665
propagation *41224 *91850

Pinus--Cont.
pruning *83385
regeneration *14612 *31724 *64597
seedlings *75315 *91846
seeds 14631 *41229
Finland *783
Sweden *14624
treatment *64437 *72681
U S S R *31647 *58790 *91836
soils *31644 *48085 *75269 *81591
Southern States 22210 50404
thinning *58790
Turkey *22680
Union of South Africa 75043
U S S R *20126 *22229 *38858 *41191 *41588 *74833 *75324 *91674 *91755 *91853
weed control 30584
Wisconsin 22092
wood 14836 14840 22426 22570 24986 32091 32157 41510 50480 75655 92037 *14835 *22680 *22723 *41446 *41449 *83527 *90062
properties *14834
utilization 41604 67114 *14834 *14991 *32008
Pinus albicaulis 41126
Pinus aristata 21105 22222
Pinus banksiana 3461 14620 66867
anatomy and physiology 64709
diseases 11938
genetics 50335
growth 3408 75337
pests 85390 94051
seeds 3408 83419
soils 22675 64709
Pinus canariensis *75719
Pinus caribaea 3421 14576 66921 91892
Alabama 3300
anatomy and physiology 73248
Bahamas 14465
diseases 11855
growth 75271
planting 3445
Pinus cembra sibirica *41121
Pinus cembroides parryana 39962
Pinus clausa 41212 41237
Pinus contorta 31614 *50189
Pinus contorta latifolia 50336 58846 66994 91785 *31713
Pinus coulteri 28621
Pinus densiflora 90084 *48133 *92093
wood *14904 *14905 *50535 *50545 *50633
Pinus echinata 14585 22288 58764
diseases 20088 28857 72646
Illinois 3412
soils 72646
thinning 75292
Pinus edulis 31779
Pinus excelsa. See Pinus griffithi.
Pinus flexilis 58716
Pinus glabra 58710
Pinus griffithi 28832 58716 *83336
Pinus halepensis *641 *14468 *31701 *86021
Pinus halepensis brutia *75687
Pinus heldreichii pancici *80966
Pinus insignis. See Pinus radiata.
Pinus jeffreyi 28621 81052

*Text of this reference is not in English.

Item

Pinus khasya 14963
Pinus lambertiana 47271 67185 75270
Pinus laricio See Pinus nigra poiretiana.
Pinus leiophylla 518 14958 *32127
Pinus longifolia. See Pinus roxburghi.
Pinus maritima. See Pinus pinaster.
Pinus merkusii 56698 *59093
Pinus montana. See Pinus mugo.
Pinus montezumae 14958 *32127
Pinus monticola 312 2636 22329 56524 75158 75433
Pinus mugo
pruning *58786
Pinus muricata 47243
Pinus nigra 34593 *75687 *83646 *91829
Pinus nigra austriaca *41129 *81174
Pinus nigra poiretiana 3383 41227 83387
Pinus oocarpa 14958 *32127
Pinus palustris 3421 3503 31548 57348 66921 67007
growth 14573 41190
injuries 75364
seeds 50325
thinning 14573 14574
Pinus parryana. See Pinus cembroides parryana.
Pinus pinaster 89882 *32124 *41587 *50587 *58712 *66953
anatomy and physiology *14623 *73128 *75656
pests 85641 *85951
seeds *14623
Pinus pinceana 81007
Pinus pinea *38711 *75155
Pinus ponderosa 12094 14549 22396 75658 *3315
anatomy and physiology 987 20396
diseases 20345 64483 64704
Idaho 41205 83386
Pacific Northwest 3578 67049
pests 6501
pruning 31671
wood 83315 83571
Pinus radiata 50242 83323 83632 *91719
anatomy and physiology *20157
Australia 52717 75207
injuries 56396
pests 5936 6403
planting *91856
propagation 3459 31676 83409
pruning 31671
regeneration 75335
wood 3703 3814 14728 50645 75641 83537
Pinus resinosa 3774 22354 50185
breeding *3405
growth 58765
injuries 3494
Michigan 14568
pests 17093 43837
pruning 31660
regeneration *50317
thinning 66922 75288
Pinus rigida 89658
Pinus rigida serotina 12097 50199 66921 75234
Pinus roxburghi 56558 *83336
Pinus strobus 31524 75150
diseases 72691 75366

Item

Pinus strobus--Cont.
hybrids 56219
injuries *66983
Maine 75136
Michigan 14568
pests 52438
planting 31740
wood 31999 75522 *83662
utilization 31999 58994
Pinus strobus chiapensis 75240
Pinus sylvestris *3391 *3457 *14468 *22232 *83646 *91800
anatomy and physiology *56826 *56921
biochemistry 3806
culture *31641
Denmark *14563 *28893
Germany *31715 *41129
growth *83336
Minnesota 3301
Poland *72658
pollen *64795
propagation *75327
Turkey *39170
wood properties *41645
Pinus taeda 3413 3421 13847 14585 14589 50182 58764 75283
Alabama 3300
anatomy and physiology 81741
culture 22314 41188 50223 50309
diseases 11855 28857 72641
growth 41203 75297 *83370
Illinois 66958
pests 43203 78136
planting 3445
pruning 41202 75297
seeds 14627 66958 83406
thinning 41203 75292 91777
Pinus virginiana 12093 20305 22321 43119 47338
Piophila *68743
Piophila casei 60964
Pipecolic acid 73347
Piper betle. See Betel pepper.
Piperidine 23634
Piperonyl butoxide 6051 43878 52183 52855 68515 68651 68760
synergism 60830
Pipes 53373 74269 74330 79086 86511 87073 *31095 *53362 *53372
glass *61693
wood *92137
Pipizella 93837
Piricularia grisea 20052 *20019
Piricularia oryzae 64402 *20024 *20025 *38721 *47544 *56548 *72756
Piroplasmin. See Acaprin.
Piroplasmosis *67401
dogs 32931 *51419
foxes *32981
Germany *83974
horses 76659 *5030 *15684 *33032 *33035 *76659
raccoons *32981
swine *60469
transmission *85571
See also Tick fever.
Piroplasms 15482
Pisa Hortus Botanicus *47151
Pisé. See Buildings, rammed earth.
Pisonia grandis 162 64164
Pissodes 77711
Pissodes strobi 52438
Pissonotus 77933
Pistache (Tree). See Pistacia.

Item

Pistacia 13137 64627 90762 *47570 *81281
Pistacia lentiscus *82642
Pistacia terebinthus 72552
Pistacia vera *13132
Piston rings *44218
Pitomba. See Eugenia luschnathiana.
Pits. See Dropping pits.
Pittosporum *47230 *80957
Pittosporum viridiflorum 13196
Pittsburgh District Dairy Council 70081
Pituitary body
cattle 4545 15408 76385 *4667 *4674 *84342
dogs 51387
ducks *5293 *84844
goats *33575
poultry 33294 42640 60149 93039 *60170
rabbits *51765
sheep 16001
Pituitary extract 42180 *85258
Pityogenes trepanatus *43410
Pityokteines *16580
Pityophthorus *6432 *77778
Pityrogramma camelanos *81447 *81448
Pius XII Pope *10113
Placenta 16028 42935 76412 *68235
See also Retained placenta.
Placodium 68685
Plagiochila *89403
Plagiodera *77662
Plagiodera versicolora 6451
Plagiognathus *43698
Plagiohammus 93778
Plagiorchis megalorchis 60172
Plague 52887 *83846
Plamius *52454
Planetree. See Platanus acerifolia.
Planimeters 3382
Plankton 11571 72453 *47882
Cambodia *64272
control *73103
diseases *28688
ecology 72917
Gt Brit 89429
Scotland 11570
Indiana 224
Pennsylvania 89801
Scandinavia 89436
Sweden 38510
U S S R *11575 *56317
See also Diatomaceae.
Planning. See Fifteen-year Plan; Five-year Plan; Policies and programs; Regional planning; Six-year Plan; Stalin plan; Ten-year Plan; Three-year Plan; Town and country planning; and under Communities; Villages.
Planobius n g 60758
Planococcus citri 68812
Planococcus tuaregensis *52613
Planodema 93778
Plant alkaloids. See Alkaloids, plants.
Plant bugs. See Miridae.
Plant Disease Warning Serv 19938
Plant galls 16838 16904 29113 38776 43525 47679 64533 77236 89803 *16729 *16862 *29113 *72995 *81194 *81425
Germany *68473
Gt Brit 33816 77176
Netherlands *93312

Item

Plant growth regulators. See Growth substances.
Plant protection 28758
Plantaginaceae *90014
Plantago coronopus *72969
Plantago major *90013
Plantains. See Bananas.
Planters Association of Ceylon 37972
Planting equipment. See kinds of equipment; and subhead planting, equipment under specific subjects.
Plants
abnormalities 64612 *12129 *38904 *38909 *38934 *56716 *56717
acclimatization *28394 *28446 *28470
allergenic 30 39 47170 72284 *21465
analysis and composition 21537 30769 35238 58108 61724 69544 69547 69553 69554 69558 69563 69571 69572 86540 *12482 *25616 *30780 *35224 *39224 *45311 *58116 *86541
anatomy 90 573 12171 20184 21519 29124 30751 38401 38888 38932 38955 47758 56674 56701 56732 64771 64809 72345 73003 73021 73117 81417 81435 81440 81528 81533 81692 81742 *669 *715 *721 *957 *12140 *12185 *20164 *20192 *29073 *29076 *29110 *38952 *47739 *47771 *47801 *47977 *56687 *64610 *64618 *64637 *72960 *72989 *72997 *73030 *73281 *73285 *81402 *81460 *89807 *89808 *89812 *89834
bibliographies 81476 *710 *64877
biochemistry 1061 12332 12514 12536 20460 29453 29454 29474 29485 29488 39038 39254 44893 48183 48192 56983 56989 56997 64874 64882 64887 64889 73039 73207 73333 73346 73347 81687 90168 90176 *1034 *20412 *20461 *29462 *29477 *29482 *39249 *48140 *48148 *48160 *56961 *56985 *90180
breeding 81 362 743 749 1588 5781 12197 12224 20307 24407 28420 28426 29145 29174 29175 38988 47819 47823 47828 47846 48237 73062 73079 81463 81464 81497 81516 89893 89904 90534 *742 *11713 *12216 *19914 *20197 *20239 *29151 *29166 *38616 *38965 *38989 *47835 *56744 *64689 *64703 *65290 *73038 *73044 *88575 *89905 *89907 *89915 *90537
Australia 1570
Belgium *89551
Canada 1561
Chile *733
Czechoslovakia *12226
Denmark 38990 *23146 *38962 *47873 *56748 *81507
Egypt 64917
Germany *770 *1603
Gt Brit 12223 38970
Japan *73038
Mediterranean Region *656
Netherlands 81470 81511 *29147 *39686 *57436 *65666 *73085 *81515

*Text of this reference is not in English.

Item

Plants--Cont.
breeding--cont.
Norway *12232 *27365 *28297 *57005
periodicals *64671
Sweden 20204 29139 47830 *29167 *29170 *47868
U S S R *20336
Uruguay *12193
collecting and preserving 75 82 11387 11417 19746 38331 38339 38619 64128 72300 72574 72575 80888 80889 89191 89201 90823 *5890 *56134 *72270 *80867
Canada 89192
Colombia 89267
equipment 28405
France *80875
Himalayan Region 56161 56168 *89182
India 64160
Ireland *22
Japan *28439
Mexico 38431 80892 89267 *89233
Sicily *19737
Union of South Africa 28407
Vermont 80887
conservation 64157 *13721
Africa 38367
Peru *64161
Switzerland *56174
Union of South Africa 38388
cytology 12179 20174 20426 29136 29137 38895 73012 73032 *667 *20187 *29087 *38908 *39206 *47748 *47752 *73000 *81405 *89815
defoliation 20432
diseases 338 347 11662 28426 28723 38619 47435 47601 64315 64393 72561 72575 72892 81180 81347 89526 89543 93372 *316 *419 *1007 *1018 *5887 *19956 *29044 *29462 *38586 *38587 *47415 *47453 *47648 *52161 *64379 *64388 *64512 *72805 *72862 *81151 *81186 *89474 *89542
Argentina *47406
Austria 19957 *28939 *38618
Brazil *38554 *56620
Canada 12345
conferences and congresses *28728
control 323 11660 12929 19929 19944 21988 24388 28726 28734 28758 38696 38777 43182 47403 47414 47652 56389 56418 56436 60576 72678 81127 81189 *310 *332 *11637 *11679 *11703 *11709 *11710 *11725 *16204 *19899 *19953 *21982 *28728 *28778 *28800 *33870 *38628 *43162 *47427 *47426 *53169 *53170 *56457 *57429 *69348 *72532 *72611 *72612 *77199 *81223 *89491 *89492 *89493 *89497 *89523 *89538 *89584
Argentina *52116
Austria *38558 *47424
French colonies 81135
Germany *19945 *28760 *47365 *47404 *47437 *64355 *68460 *89515 *93394
Greenland *11666
Hawaii 81152
India 68463
Japan *89555
Latin America *11645
Netherlands *47422 *47455 *64383

Item

Plants--Cont.
diseases--cont.
control--cont.
Pakistan 81126
Palestine 11890
policies and programs 56452
Sweden *56402
Turkey *11629 *19896
Denmark *28737 *47374 *81155
diagnosis *85340
Ecuador 28783 *38608
El Salvador 19904
forecasting 11810 11859 19938 19943 64528 89543 *11720 *28933 *38676 *56465 *38727 *89483
France *19941
French Colonies *72587
French West Africa *89487
Germany *33866 *56408 *56480 *64343 *72574
Gt Brit 81166
Greece *19948
Iceland *302 *11638
India 38595
Italy *11651 *56366 *56367 *72604 *89499
Japan 72549 *64369 *89502
maps 81139
Mediterranean Region 11889 *19893
Mexico *72529 *81148
Mozambique *19933
Netherlands *342 *11677 *38600
New Zealand 548 47411 81137
Nigeria *89487
Norway *19921 *72569
Oregon 72528 77201
Pennsylvania 81193
Peru 11620
physiological *1006 *39179 *90069 *90087
research *5890
resistance 362 11700 12230 20065 29003 38807 66403 *11713 *19914 *38616 *38645 *56430 *81146 *89551
Italy *367
Serbia *11682
surveys 301
Australia 28777
Canada 72536
Sweden *292 *72578
Tobago 64362
transmission 592 11994 12037 20093 28734 28754 28761 38813 38814 60587 61043 64312 68855 72602 72603 72844 77957 81350 89535 93438 *11954 *43632 *47631 *89706 *89722
Trinidad 64362
Tropics *28733
Union of South Africa 56383
U S S R *39003 *60616 *65993 *68403
Venezuela 81190
Yugoslavia *11884 *11885
dissemination 81890 88190 *28464
dormancy 841 *39029 *64696
drought resistance 64709 *29405 *48028 *81620 *90094
ecology 628 638 659 12065 12095 12102 12107 20267 38869 38875 38881 47696 47701 47706 47719 47730 56645 56666 56672 64593 64594 64607 72924 72942 72944 74472 81378 89761 89799 *625—*627 *649 *12064 *12066 *12067 *20124 *20139 *29064 *29065

Item

Plants--Cont.
ecology--cont.
*38861 *38876 *38879 *40396 *47710 *47714 *47731 *56629 *56631 *56632 *56637 *56656 *56658 *56659 *56668 *56671 *64589 *64599 *64605 *64606 *72913 *72932 *72945 *72948 *81377 *81382 *81383 *81392 *89764 *89766 *89783 *89794 *89800
Africa 12063 *653 *20136 *89796
Alaska 12070 12077
Appalachian Region 12089
Argentina 29061 *12074 *20137 *47689 *56669 *81380 *89786
Arizona 72927 89770 89784
Australia 29061 38849
Austria *657 *29049 *56630 *56634 *56636 *56670 *72939 *89754
Brazil 38873 *47709 *89790 *89791
California 12087 12098
Canada 47713 *635 *29052
Ceylon 29054
China *29058
Conanicut Island 89765
coral atolls 12068
Corsica *29059
Denmark *47692 *47722 *81372
desert areas 623 624 *630 *640 *642
Elba *81384
Finland 56657 *38856 *47711
Florida 89763 89779
France *637 *20132 *20133 *47688 *56650 *64591 *89767
French Guinea *12080
Germany *658 *12081 *20128 *20130 *38848 *38852 *38853 *38862 *56667 *72920 *72947 *81390 *89769
Gt Brit 38847 38851 47707 89773
Scotland 12091 47717
Greenland *20138 *56638
Hungary *21416 *29066 *89797
Iberian Peninsula *89760
India 12086
Indiana 652 12092
Iran *47705
Israel 56673 81374
Italy 47733 *621 *47698 *47719 *47728 *72921 *81385 *81387 *81394 *89785
Ivory Coast *29060
Japan *81395
Liberia 56641
Louisiana 89768
Massachusetts 12060
Mediterranean Region *656 *64601 *72949
Mexico 12073 81376 *89762 *89774
Michigan 12083 12088 47725 72918 72925 72937
mountain areas 64595 *651 *81369 *81397
Near East 47716
Netherlands *12052 *12071 *12096 *38880
New Jersey 47727 56640 81368
New Mexico 12069
New York 72940 89788
New Zealand 56660
Nigeria 38859

Item

Plants--Cont.
ecology--cont.
North America 622 81375
Northern Rocky Mountains 38865
Oregon 12084 64602 81389
Pakistan 29063
peat bogs *553
Pennsylvania 81371
Poland *643 *29057 *29062 *81396
Polar regions 47691 47718
Portugal *81370
prairies 617
Pyrenees Region *29053
Sahara *72933
Scandinavia *636 *72936
Southern States 72938
Southwestern States 12061
Spain *47695 *72915 *72916 *72930 *89758 *89798
statistical methods 56652 56653
Sudan 12100
Sweden *89775
Switzerland 29051 89781 *631 *20144
Texas 72914
Tropics 20141 *648 *47697 *81397
Tunisia *89771
Union of South Africa 12082 20131 47693
U S S R *618 *620 *645 *12062 *12079 *12085 *12099 *12101 *12104 *20122 *20123 *20127 *20129 *20135 *20142 *20143 *29056 *38870 *38872 *47708 *47732 *56643 *56646 *56647 *89789
Venezuela *633
Virginia 12075
West Virginia 56639
Wisconsin 89772
Wyoming 47723 64588
effects on soils 13921 13936 21620 21702 30939 49488 49533 49541 *13921 *30923 *49536 *58111 *58250
enzymes 1074 47893 47962 48129 48154 56602 64650 73314 90098 *889 *1054 *20467 *29484 *47658 *48147 *53943 *73332 *81763 *81779 *94516
espaliers 39944
evolution 11354 28391 28458 28466 38391 47143 47195 47196 73054 73069 73084 90268 *11379 *11402 *38393 *38395 *47165 *64665 *89224
extracts 35227 47661 48025 48143 90000 *883 *952 *2577 *7453 *7464 *25604 *29011 *29408 *35221 *39122 *48024 *48105 *53424 *73154 *73305 *81242 *81546
folklore 1545 11363 11384 11415 19784 28413 47150 57072 89255 *57998 *64126 *64151
fumigation 93436
genetics 11410 12196 12211 12215 12230 12466 20210 29003 29159 38959 38978 47847 47854 64683 64702 73039 81474 81498 81502 89889 *764 *12205 *12213 *12218 *12220 *20207 *20209 *20234 *20254 *22762 *22768 *29152 *29223 *38981 *41672 *47813 *47815 *50680 *56746 *64693 *73047 *73060 *73218 *81492 *81496 *81539 *89780

*Text of this reference is not in English.

Item

Plants--Cont.
genetics--cont.
U S S R 20225 *761
*20218 *29141 *38983 *47860
*64657 *81490
geography 100 11410
28453 *29458 *56184 *72339
Aegean Islands *96
Brazil *28497
Canada 72346
U S S R *618
germination 12255 29384
81624
hardiness 20338 56927
*821 *29405 *29421
history 89208 *23
Egypt 46
Scandinavia 47138
hybrids 877 89895 *47836
*47837
Ireland 12231
nomenclature 64174
identification 11422 28408
in art *28456 *47168 *47169
*64153
Peru 11408
in literature 89207
indicator 49758 58352
*20142 *31640 *47731 *49562
*66929
injuries 327 29271 56381
72614 73153 81158 89541
*1024 *1059 *12494 *19915
*28790 *28799 *28958 *81161
*89490
introduction 81 11373
11412 13233 19744 28475
29061 38344 47188 47194
72328 72431 72942 80856
80910 81516 *19767 *21155
*38354
Argentina *12661
Australia 74002
British Commonwealth
55312
California 20974
Chile *12202 *57617
Denmark *103 *72340
Fiji 56160
Florida 65378
France *47159 *82357
French Equatorial Africa
*11451
Germany *19762
Gt Brit 64119
Indonesia 58010
Israel *11364
Japan *47189
Libya 72401
Morocco *47155
Old World *89254
Oregon 64602
Portugal *65037 *72381
Scandinavia 47138
U S S R *38387
Uruguay *12193
labeling 65307 *90520
luminescence 20471
metabolism 1037 1069
12351 12441 39162 47898
47941 48003 48128 48186
56780 64706 *963 *12269
*12399 *29297 *29458 *29463
*39077 *48021 *56917 *64754
*64783 *73211 *89971 *90035
morphology 73031 *11528
*12151 *47791 *73036 *89840
names 1956 11371 13260
19734 19759 28397 28455
39654 65496 65534 65618
65799 80851 *20812 *28431
*64117 64118 *72298 89198
*90751
Brazil *47174
Denmark *28493
Germany *28384 *56148
Gt Brit 64121

Item

Plants--Cont.
names--cont.
India 90503
North Borneo 89263
New Zealand 64182
nutrition 565 890
1027 12248 12249 12272
12318 12334 12498 13755
13764 13770 13809 13962
20393 28912 29222 31238
39177 39178 39207 47601
47893 47990 47998 48051
48059 48075 48118 49454
49477 73104 73205 73262
74452 81503 81721 89987
91273 *953 *2772 *12316
*21518 *28773 *29236 *29396
*30722 *31248 *39028 *56792
*64724 *64856 *81534
Australia 48050
deficiencies 865 878
880 946 964 1008
12245 13070 20367 29278
29313 29404 29432 39214
47879 48018 48127 56872
64711 64824 72541 73090
73224 73252 81593 90054
90138 *823 *939 *948
*1007 *12483 *22014 *20364
*29324 *39108 *39114 *39153
*39205 *40656 *47648 *48709
*56869 *64737 *64738 *64773
*64851 *73171 *73208 *73217
*74617 *82210 *82826
pests 5873 5981 24407
34465 43156 47435 81180
93460 *5907 *6341 *6384
*19914 *19956 *47435 *52161
*77245 *81151 *85340 *85855
*89542 *94139
Australia 61075
Austria 19957
Brazil *85938
Chile *6781
conferences and congresses
*28728
control 11642 12929
19929 28758 33847 47414
60576 77255 85338 85349
85353 85388 *332 *5990
*6002 *11679 *11703 *11725
*16240 *16898 *19899 *19953
*28728 *33867 *33870 *43165
*43186 *47426 *53170 *57429
*72532 *72611 *72612 *85383
*89492 *89493 *89538 *93435
Argentina *52116
Austria *33898 *38558
*47424 *52136
conferences and congresses *6646
Germany *310 *19945
*47365 *47404 *64355 *68460
*93374
Greenland *11666
India 68463
Indonesia *93351
Japan *89555
Netherlands *64383 *68441
Peru *43250
Sweden *56402
Turkey *11629 *19896
U S S R *60616
*65993 *68403 *93454
Denmark *28737 *47374
Germany 24781 *33866
*52505 *52664 *56408 *64343
Greece *24957
Iceland *77200
Italy *52066 *85392
Japan *64369
Lebanon *24396
Netherlands *342 *38600
New Zealand 47411
Oregon 77201

Item

Plants--Cont.
pests--cont.
Sweden *292 *43498
*72578 *77822
Yugoslavia *11682
physiology 347 807
833 869 899 924
944 11962 12242 12248
12258 12270 12273 12281
12319 12359 12395 12468
12500 13785 20256 20277
20370 20373 20383 29195
29212 29227 29253 29351
29403 29409 29423 29444
30897 38887 39037 39090
47907 47964 47970 48068
56760 56769 56773 56832
56834 56840 56844 56848
56860 56885 56909 56924
56930 58107 73098 73148
73153 73160 73226 73230
73301 74260 81530 81542
81649 81675 89199 89928
90050 90135 *801 *837
*930 *951 *953 *959
*1024 *3984 *12250 *12333
*12380 *12398 *12481 *20326
*20329 *20339 *20359 *20388
*20394 *29224 *29247 *29255
*29256 *29262 *29267 *29269
*29270 *29282 *29322 *29335
*29337 *29368 *29369 *29411
*31652 *38400 *39016 *39032
*39082 *39101 *47895 *47946
*48004 *48048 *48081 *48084
*48120 *56785 *56787 *56788
*56791 *56809 *56814 *56850
*56858 *56873 *56910 *56934
*56938 *58101 *64713 *64729
*64740 *64811 *64830 *64868
*73114 *73119 *73154 *73159
*73164 *73209 *73281 *73295
*73302 *81549 *81578 *81581
*81619 *81639 *81680 *81709
*89199 *89917 *89930 *89952
*89973 *90017 *90029 *90081
*90083 *90106 *90126
propagation 1549 12903
12911 12945 12949 20793
20794 29409 39670 39671
39693 48666 48686 56929
57413 64772 64814 65288
65302 65306 65310 65312
82141 90540 *994 *1608
*29386 *29885 *39122 *39660
*48657 *48658 *48681 *64810
*65293 *73721 *73730 *81161
*81539
equipment 20804 69433
*12028
Gt Brit 21197 21198
Netherlands 57438
New Zealand 20816
U S S R *89955
proteins 3866 5218
12469 20440 38131 39019
73341 *1064 *1070 *1409
*33734 *39241 *90163
quarantine and inspection
6012 6495 11648 11716
20119 24780 28956 60883
60884 61248 64370 72533
72781 85430 85700 85701
93358 93365 93376 93445
93481 93786 93808 *28747
*47583 *56391 *56446 *64353
*64369 *72579 *72611 *72612
*81148 *89479 *89546
Australia 11647 60573
64366
Brazil *59273
Canada 33838 43239
93458
Cape Verde Islands 43237
Ceylon 93465
Costa Rica 77266
Florida 47367

Item

Plants--Cont.
quarantine and inspection
--cont.
France 52156
Germany *38617 *47439
*56439 *64355 *72601
Gt Brit 64368
Guatemala 77267
Hawaii 77268
Honduras 93491
India 33907 85429
international *81136
Italy 60613
Japan *64349 *64400
Kentucky 6016
Louisiana 6016
Mauritius 43238
Mexico *77833
New Zealand 77264
Nicaragua 93492
Puerto Rico 16244 77268
Romania 60614
Trinidad and Tobago 52155
respiration 1073 20351
29443 39184 56777 56837
81646 *12336 *12384 *12548
*39045 *47892 *48092 *56985
*62719 *81615 *81664 *89962
*90013 *90014
rootstocks 12337
spraying and dusting 28759
72535 *28765 *64384 *77188
*81131
costs *322
Germany *28804
Hawaii *56363
starches 1028 9117
18423 39049 39149 47972
48113 54705 56763 56912
56955 64761 69554 81408
*8656 *36450 *45556 *47748
*81636 *90030 *90031
temperature 80908 *12362
*48052 *81598
transplanting 2118 12944
Tropics 11367 *11379 *46996
*47184 *48650
U S S R *89955
vitamins 812 46996
*47953 *77644 *81487
water relations 395 871
965 1003 2535 2697
12366 12456 20304 20680
29251 29371 29583 39070
39105 39106 39119 39139
40435 40581 47716 56543
56831 56946 58816 73098
73106 81530 81562 81588
81631 81648 81674 81739
90105 *855 *940 *952
*2563 *12250 *13895 *13911
*20413 *21896 *39005 *39077
*39136 *39188 *39201 *47909
*47986 *48027 *48098 *49880
*56888 *56892 *64726 *73191
*73237 *73269 *73283 *73285
*81571 *81610 *81693 *81715
*81720 *81738 *81770 *81779
*89916 *89946 *89974 *89988
*89993 *89994 *90066 *90077
*90130
wild
utilization 7485

See also Botany; Flora; Herbariums; Nutrient solutions for plants; Paleobotany; Photoperiodism; Pollination; Vegetation; names and classes of plants; names of anatomical parts, diseases, and causal organisms; and under Embryos; Patents; Photography; Sex; Tissue culture; Tissues.

Plasiella n g *60834
Plasmodiophora brassicae
28856 74482 *412 *47523

*Text of this reference is not in English.

Item

Plasmodium berghei 4036
24913
Plasmodium gallinaceum
23942 23974 23978 24907
52595 60115 68793 77920
84862 92255 *15810 *23955
*68044
Plasmodium hexamerium
84889
Plasmodium inui 6588
Plasmodium juxtanucleare
33321
Plasmodium lophurae 23902
23971 33350 60162
Plasmodium malariae 24906
Plasmodium relictum 6594
Plasmodium vaughani 84889
Plasmopara halstedii *89669
Plasmopara viticola *456
*72765
Plastics 75 82 11387
19746 28399 59108 78676
82141 87264 *14984 *90177
laminated 75718
properties 75718
utilization *17297
See also names of plastics; and under Containers.
Plastids 12164 *12533 *39258
Platanus 16807 *65757
diseases *56561
Gt Brit 56280
spraying and dusting 56551
Platanus acerifolia 31525
diseases 64521 *11750
Platanus alba 38749
Platanus occidentalis 3778
32191
Platanus orientalis *11734
Plateros *43452
Platolenes *52454 *85673
Platycarpum 72429
Platycleis denticulata 34663
94163
Platycleis occidentalis. See Platycleis denticulata.
Platycnemidae *52898 *52899
Platycnemis *52898
Platycodon *82421
Platycodon grandiflorum 1990
Platycranus *24973
Platydecticus n g *43641
Platyderus *77750
Platyedra gossypiella. See Pectinophora gossypiella.
Platygonatopus *6698
Platygyne *56189
Platylecanium 16871
Platyparea poeciloptera *68732
Platyphanus n g 77732
Platypria 85699
Platyptilia carduidactyla
17027
Platypus difficilis *60890
Platysamia cecropia. See Hyalophora cecropia.
Platysma melanarium 60801
Platyscytus *68807
Platystolus martinezii *6832
Platytes alpinellus *78111
Platyura 16744
Plecia 60929 77847
Plecoptera 43133 *78252
*78253 *78268
Plectocolea 72447
Plectocomia 38437
Plectocomiopsis 38437
Plectoptera *61274
Plectoringa n g 52628
Plectromerus 77685
Plelarthrocerinae n subf
*24754
Pleione pricei 57631
Pleioneura n g *38475
Pleocnemia 19854
Pleodorina sphaerica
cytology 38915

Item

Pleosphaeropsis 247
Pleospora 11613 47352
64307 72487 81124 *47348
*72471 *72498
Pleospora gaeumanni *28701
Pleospora herbarum *28879
Plerandra 56245
Plesiophthalmus *85673
Plesiophthorus 77779
Plesiostigma *6736
Pleurage *72495
Pleurisy *51227 *59956
Pleurochaete squarrosa 89414
Pleurodirus *68708
Pleuronectocelaeno africana
*34205
Pleuronectocelaeno austriaca
*34205
Pleuropneumonia *75848
cattle 51269 59710 59711
59741 67668 76278 76372
*76343
goats *68241
horses *84651
poultry *93015
Pleurothallis
South America 28603
Pleurothallis tuerckheimii
56251
Pleurotropis 34508 *6736
Pleurotus 41
Plodia interpunctella 17052
Ploiaria 68874 *16816
Plotnikov V I *64046
Plowing 2881 14037 14041
44043 66623 74684 74688
*14026 *21815 *69177 *74682
*91371
contests 82942 *31057
cooperatives *46135
costs *46504
Germany *21824 *78422
*86225
Russian Zone *91376
Italy 40761 *82927
Jamaica 14039
Netherlands *14032 *21823
*31060
Oklahoma 74675
study and teaching *17305
U S S R *2869 *14033 *21565
*21799 *21800 *21810 *21811
*34892 *35017 *35018 *44210
*49809 *49827 *49834 *58376
*66466 *82097 *82662
Yugoslavia *94289
Plows 17303 17304 25290
31783 34847 44043 44048
44051 44052 58866 69193
78408 91878 94287 *3396
*3410 *7055 *35020 *53040
*78407 *78412 *78423 *86223
*94288
Austria *61430
disk *44061 *53020 *53038
*69192 *94294
Germany *34848 *67033
*83001 *94291
Russian Zone *86226
Japan *91374
Norway *17307 *69188
tests *61426
tractor 2864 *34851 *69183
*69366 *78419 *78535
types 44057 61432 69181
*17307 *34843 *53019 *53026
*69188
Union of South Africa 78374
U S S R *25293 *61415 *61429
*69185 *94286
Plowshares 17288 78421
*61422
Japan *94297
Pluchea lanceolata 2398
Plum curculio. See Conotrachelus nenuphar.

Item

Plumbaginaceae 676
Plumbing *78692
Plumeria acutifolia *72279
Plums
analysis and composition
*87355
anatomy and physiology 954
29233 48139 56852 *12127
*39121
Belgium *87355
cooperatives
France *70580
costs and returns 61447
culture 15902 30012
*1775 *57564
California 20927
Netherlands *20912 *48800
Sweden *57541
U S S R *1725
diseases 56485 72645
72816 89655 *19937 *20077
*38775
France *72555
Switzerland *64530
Yugoslavia *81342
drying 62590 *20919
fertilizers 3009
fruit set *48825
harvesting *20919
equipment 44078 61447
irrigation 3009 74740
74741
Netherlands *20923
Norway *45376
Oregon 30012
pests 6430 34247
*34469 *43672 *93871
Belgium *34541 *52731
California 24715
France *72555
Germany *52728
Netherlands *60907
Norway *34510
U S S R *93983
pollination 39811 *20944
*39797 *73803
prices 95098
processing 18221
propagation *1786 *90620
pruning *65444
quality 8646 54347 73807
Idaho 82233
rootstocks *57523
situation and outlook 36113
soils 2540
storage 54347 62623 87467
taxonomy *139
terminology 1780
thinning *1683 *13033 *13069
*73800
varieties 30050 30051
*1763 *20954 *57555 *57564
*65421
Belgium *48774 *48819
*57572 *65418
California 20974
France *57567
Gt Brit 39847
Kenya 1752
Michigan 39801
Oregon 13061
Sweden *39815
U S S R *1789 *48808
*90629 *90664
wild 64552
Yugoslavia *72049 *82217
*82221 *87333
See also Prunes.
Plusiotis
Mexico 16536
Plutella geniatella *78080
Plutella maculipennis 17050
*6818
Pluteus 72501
Plywood 3658 14859 22626
41476 41477 50518 59030
67138 92072 *3661

Item

Plywood--Cont.
Australia 22577 41475
bonding 3669 32047 *50513
Canada 67148
care and handling 83585
cores 14874 14875 41478
41479 92063
defects 22620
equipment 83589 *14866
*75560
Finland *14872
France *83590 *92076
history 92079
industry 3670 50504
50507 50517 75556 *59020
Finland *50505
French Gaboon *92065
Germany *92067
India 83582
Japan *41487
magnetic 14862
manufacture 14867 14874
22613 22627 41480 41481
83588 *14865 *14866 *22611
*22621 *41649 *59024 *59027
materials 41493
France *67140
Germany *32052
properties 14860 *22633
*50509
quality 41485
research *41487 *59035
trade 22609 75556 *75554
*92069
utilization 3652 14810
14850 14870 22597 41467
41494 41499 50514 59006
59007 75541 75563 83581
83586 83587 92056 92073
*59025
waterproof 59011
See also Adhesives; Veneers; Wood, laminated.
PMA. See Phenyl mercuric acetate.
Pneumocoptes n g 34160
Pneumoenteritis
swine *24282
Pneumonia
cattle 4542 4670 15403
51213 67596 67715 *4612
*42151
horses 84717 *33055
sheep 60359 60373 68232
68259 *68264 *93171
See also Feline pneumonitis; Lungworms; Virus pneumonia.
Pneumonitis
horses *92835
Pneumonoencephalitis, poultry. See Newcastle disease.
Pneumonyssus *85563
Pneumonyssus caninum 85579
Pnigomenus n g *77672
Poa 47257 48501 64172
64753 65078
Poa ampla 39552
Poa annua 28466 39983
40118 74258 91088
Poa bulbosa vivipara *12099
Poa irrigata
breeding 47834
Poa pearsonii 161
Poa pratensis 81985
anatomy and physiology
12308
fertilizers 65182
germination 39013
irrigation 65182
seeds 45950
varieties 21089
weed control 65950
yields 48440
Poa secunda 82072
Poaceae. See Grasses.

*Text of this reference is not in English.

Item

Pobeguin C H *19637
Podabrinus *60891
Podabrus *60891
Podagrion *6736
Podisma *17117
Podocarpus 3755
Podophyllum 72437
Podophyllum peltatum 64226
Podosesia syringae fraxini 34565
Podosphaera leucotricha 468 *56506 *56578
Podosphaera tridactyla 47605
Podostemonaceae *91105
Podoxenus *52404
Podzol soils 40560 81551 *13973 *14557 *58168
Connecticut 66243
Massachusetts 66243
Michigan 66226
Norway *30833
Sarawak 83279
Southeastern States 13840
Spain *66183
U S S R *2621 *21570 *21802 *40725 *40754 *49728 *49827 *58065 *58170 *66393 *82672 *82815
Poecilips 16628
Poecilomorpha *68687
Poecilopsis isabellae *43844
Poeciloscarta *24951
Pogonatum *11528
Pogonobasis 77732
Pogonocanta n g 77732
Pogonomyrmex barbatus 25022
Pogonomyrmex occidentalis 34515
Pohlia *89407
Poinciana regia. See Delonix regia.
Poinsettia. See Euphorbia pulcherrima.
Point IV Program 1110 9741 9760 9761 9766 9771 10052 27245 37894 46345 48231 55761 63206 63218 66259 71372 72222 80468 85363 *58571 *65463 *88308 *94261 *96003
and forestry 14384 41042 66810
Iran 37055 66810
Latin America 9993 *55226 *71211
Liberia 46076
Panama 27466
Peru 63462
Poiseuille's law 73248
Poison ivy. See Toxicodendron radicans.
Poisoning. See Food poisoning; Meat poisoning; Poisonous plants; names of poisonous substances; and subheads poisoning; toxicity under specific subjects.
Poisonous plants 21388 74248 74261 91016 *57930 *74297 *82544 *91137
Africa *2338
France *13558
Haiti *82557
Ivory Coast *30673
Minnesota 30571
New Caledonia *13571
to livestock 12517 30526 49287 50832 65997 73317 74335 76301 76759 92315 *4057 *4157 *21395 *21405 *22993 *30585 *40269 *49296 *59363 *59372 *82565 *91059
Argentina 84285
Australia 5025 5079
Canada 90991
Caribbean Region *13626
Chile *57970 *74309

Item

Poisonous plants--Cont.
to livestock--cont.
Florida 67638 76324
Germany
Russian Zone *40316
North Africa *2353
Texas 75955
Union of South Africa 65933
Venezuela *65985
Wyoming 13535
Union of South Africa 13647
U S S R *58042
See also Photosensitization; and names of poisonous plants.
Poisons. See Economic poisons.
Pokabius 60758 85554
Pokkahboeng disease
sugarcane 89585
Polak R A *64035
Poland Państwowy Instytut Weterynaryjny *32428
Polarized light 15012 25024 *24642 *26428
Polarographic analysis 21537 25836 30769 62497 *7473 *27166 *47636 *71189 *93551
Pole blight 312 41254 89534
Poles 14838 41455 67114 69382 *32025
building material 61595 78603
decay *50471
grading and standardization *14841
Gt Brit 22589
marketing 41459
measurement *14537
preservation 22570 41413 58972 58978 58979 75488 83541 *3619
properties *75532
Polia subjuncta 78120
Poliarno-Al'piiskii Botanicheskii Sad *30670
Policies and programs 9992 10005 10012 10026 10047 10052 10072 10073 10079 10094 10108 10114 10154 10180 10185 10193 10215 10725 10760 18978 18980 18982 18991 18996 18999 19046 19368 19383 19459 27423 27449 27516 27581 28050 28076 28108 37312 37378 37379 37419 37420 37945 38006 46221 46247 46254 46294 46316 53451 55018 55155 55171 55179 55187 55192 55214 55228 55239 55255 55299 55330 55429 55739 63352 63404 63448 63459 71239 71382 71391 71418 71429 71442 71505 71514 71515 71818 80143 80158 80161 80197 80219 80236 80555 83783 88323 88327 88339 88361 88371 88375 88418 88421 88498 95731 95732—95734 95742 95755 *19019 *19486 *19710 *27460 *27574 *37319 *46274 *53510 *55162 *55333 *55334 *63375 *63389 *63396 *71496 *80176 *86615 *88524 *95698
Africa 63407 71765 88689
Argentina 63406 *55180 *63399 *63957 *71368 *71468 *80213 *80238 *95690 *95750
Asia 27524 80173 *9979
Australia 18976 63445 71493 80230 95744 95891

Item

Policies and programs--Cont.
Austria *55243 *55244 *63379 *63400
Baltic Region 46393
Belgian Congo *55314 *63354
Belgium *71422
Bolivia *27535
Brazil *10127 *10451 *27566 *46233 *46239 *55315 *72017 *80195 *88369 *88437 *88438
British Commonwealth 27478 55312 63407 71416
Bulgaria *10340 *46340 *71470
Canada 37374 61818 71388
Central America 10184
Chile *19059 *27563 *37371 *63350 *63398 *63413 *88308
China 10098 27501 *55428
Colombia *63817
Colorado 27555
Columbia River Basin 80205
Corn Belt 71390
Denmark 46256 *9983 *19058
Dominican Republic *27552
Ecuador *63366 *71863
Europe 10092 10106 25602 27494 27544 37308 37364 46248 55173 *9987 *10009 *27509 *27629 *28058 *37256 *37410 *41659 *46266 *46267 *46279 *53580 *55169 *55245 *55261 *63377 *63392 *63419 *63444 *71367 *71384 *71386 *71403 *71460 *71501 *80135 *80164 *80184 *88167 *88309 *88332 *88355 *95687 *95775
France *10032 *27475 *37301 *46219 *46348 *55176 *55240 *63435 *80237 *88336
French colonies *95711
Germany *10035 *10059 *10078 *10104 *27549 *27568 *27970 *37327 *37383 *46216 *46872 *53509 *55161 *55219 *55297 *55306 *55307 *55335 *63359 *71440 *71447 *71474 *71475 *79090 *80128 *80132 *80178 *80189 *80216 *80222 *80223 *88356 *88374 *88380 *88410 *88411 *88424 *95728 *96097
Russian Zone *2644
*10130 *10187 *10198 *46292 *71408 *71413 *88311
Gt Brit 10011 10070 27588 37271 37278 46220 46246 46275 46277 46355 63349 63372 63449 71423 71425 80217 88318 88526 95777 *37289 *55267
Great Plains 19055
Greece *88314
history 19021
Honduras 37430
Hungary 37298 55300 71435 *19009 *95722
India 10136 10199 10783 27518 35210 63431 63440 63783 63784 71201 71488 71963 71981 72001 88348 88402 88417 88419 95748 *95692
Iran *10041
Italy *9982 *10017 *10027 *10155 *10156 *10171 *10190 *10191 *27469 *27470 *37272 *37296 *37365 *46242 *46243 *46325 *55156 *55281 *55911 *61815 *63430 *71478 *80137 *88333 *88378 *88394 *95729 *95736

Item

Policies and programs--Cont.
Japan 19074 80242
Kentucky 71452
Kenya 27502 95884
Latin America 9993
Madagascar *9994 *27517
Mauritius 27521
Mexico *14071 *55139 *88315 *95706
Mississippi 71398 71399
Morocco *19014 *19063 *19064 *19195
mountain areas
Italy *27540 *55264 *55268 *71462 *95723
Netherlands *10038 *10077 *10093 *10131 *10223 *10229 *19047 *19058 *27484 *27569 *37345 *37346 *64045 *71492
New York 37377
New Zealand 27510
Nigeria 37381 *37637
North Carolina 46321 63421 71489
Norway 37384 46262 *91600
Nyasaland 88389
Oklahoma 37276
Oregon 95746
Pakistan 37264 63390
Panama 27466
Paraguay 37431
Peru *18971 *27545 *63462 *88427
Philippines 19006 19037 37282 37283 37440 46598
Ohio 19033
Poland 80207
Portuguese colonies 63455
Puerto Rico 37084
Réunion *18986
Romania *10058 *10172 *37645
Ruanda-Urundi *95715
Sardinia *95709
Sicily *71494
South Carolina 27450 46334
Southern States 46286 80289
Spain *3981 *27446 *37442 *55142 *55145—55147 *55177 *55497 *63414 *63434 *71361 *71362 *71480 *88321 *88344
study and teaching 19069
Sudan 37297
Surinam 80196
Swaziland 37411
Sweden *10227 *75071 *80123 *88358
Switzerland *19048 *55266
Tunisia *80157 *88342
Turkey 27463
Union of South Africa 26868 46349 *27546
U S S R 27473 27583 37331 71412 *9991 *10220 *27432 *27503 *37255 *37262 *37427 *46263 *55233 *55356 *63355 *64051 *71371 *71485 *80292 *86190 *88345 *95712
Uruguay 10099 *80235
Venezuela 27487 *55270
Washington 96078
West Indies 63382
Western States 54997
Yugoslavia 95772 *88360 *88362
See also Production, goals; Rationing; Reconstruction; Relief and rehabilitation; names of government agencies; and subhead policies and programs under specific subjects.
Polididus *85870
Polioma n g 38550

*Text of this reference is not in English.

Item

Poliomyelitis
Gt Brit 23288 37893 78226 80445 93876
Polistes 6706 *16935 *43795
Polistes gallicus *94015
Politics 3049 9327 37921 63826 80161 80581 88444 95742 *55162 *95698
Canada *19398
France 37808
Germany 28030 *10656 *10756 *10785 *88870 *88904
Gt Brit 71425
Italy *55281 *55804 *88394
Middle Western States 55765
U S S R *27937 *46658 *46717 *55623
See also Farmers, political influence.
Poll evil
mules *92851
Pollen 12113 16884 48019 52243 52296 52311 81493 89229
analysis 89193
anatomy and physiology 81426 81494 89879 *12338 *20188 *21429 *29152 *29279 *34088 *60700 *64637 *64783 *81554
collecting 60695 *60712 *68546 *68578 *77352
dissemination 39
feed for bees 6118 6150 24581 43328 52269 60680 68530 77432 *2450 *16314 *30671 *34049 *34050 *34060 *60741 *68546 *77417
fermentation *64756
germination 860 *47897 *73312
injuries *29437
properties 16467
substitutes
feed for bees 6145 *6314 *34063 *52289 *77326 *77384 *77470
storage 60695
surveys 19778 47157 64129
Arctic Regions 11403
Canada 91004
equipment 19780
Florida 28403
New Zealand 28390
Union of South Africa 89193
viability 73162 *38973 *47943 *64778 *81732
Pollenia rudis 24796
Pollination 6120 6152 12377 12907 19742 29272 34021 43331 43334 43348 52253 52314 56701 60743 73155 77356 77363 85491 93608 93684 94012 *16420 *33956 *40333 *52301 *52304 *56917 *57574 *73077 *73101 *73188 *77240 *77513 *85499 *93628
Pollinia pollini 77932
Poltavskaîa Oblastnaia Sel'skokhozîaistvennaîa Vystavka *19373
Poltavskaîa Mezhsovkhoznaîa Veterinarnaîa Bakteriologicheskaîa Laboratoriîa *23005
Polyamides *45709 *70454
Polychrisia 94097
Polychrosis *6815
Polychrosis botrana *483 *499 *6824 *17070 *68938 *78151
Polychrosis viteana 52766
Polydesmoidea 77601

Item

Polyembryony *20175 *64631
Polyenes 39232
Polyethylene 26558
Polygala *89318
Polygala paucifolia *38434 *38435
Polygala zindae *28515
Polygalaceae 38488
Polygalacturonase 7468 12422
Polygenis 43933
Polygenis gwyni 52887
Polygenis rozeboomi *78295
Polygenis vazquezi *34722
Polygonaceae *28516
Polygonum bistorta *75776
Polygonum cuspidatum 33798
Polygonum hydropiper *36883
Polygonum segetum *57935
Polyhaploidy. See Polyploidy.
Polyhedral disease 16160 78243 *24984 *60502 *77181 *85920
Bombyx mori 34688 52870 86063 86070 *17140 *25117 *25118 *61282
Polylepis tarapacana 58717
Polymers *26315
Polymoria *6736
Polymyxin
therapeutic use 23637
Polynema *6736
Polyommatus icarus 85952
Polyorchidism
horses 51480
Polypeptides 11986
Polyphagus *28688
Polyphenoloxidase 39225 39242
Polyphenols 7814 9711 25802 78882
Polyploidy *29178
animals 15036 *64692
insects 24866 24987 43873 *34083 *68948
plants 687 699 716 740 12121 12122 12180 12195 12774 20198 29103 29185 38942 38972 47775 47776 47803 47814 47824 49165 56696 56770 56806 64198 64663 64664 64967 73079 73200 73310 73399 81401 81464 81466 81471 81511 81553 89809 89859 89950 90108 *663 *746 *766 *11506 *12205 *12233 *20219 *20237 *29161 *29328 *29611 *29847 *29866 *38965 *39810 *39913 *47840 *47849 *48647 *50311 *57763 *64690 *64692 *72962 *72969 *73066 *73071 *81506 *89909 *90537 *91752
Polypodiaceae *81437 *89880
anatomy and physiology 12124
Polypodium confluens 11520
Polyporaceae 250 38515 64288 *81086
Polyporic acid. See 2,5-dihydroxy-3,6-diphenyl p-quinone
Polyporus 56285 81766 *28907 *56531
Polyporus balsameus *38693
Polyporus benzoinus 39221
Polyporus betulinus 60513
Polyporus conchifer 12116 20150
Polyporus fomentarius 11389
Polyporus quercinus 19980
Polyporus sulfureus *64469
Polyporus versicolor 39225 81555
Polypremum *81015
Polyptychus *6783

Item

Polysaccharides 24173 81783 87138
Polysaccharides *24770
in plants 39088 56815 56989 64279
in soils 49425
Polysiphonia fastigiata *90141
Polystichum 89235
Polystichum filix-mas *2431 *47783
Polystichum kurokawae *173
Polystictus versicolor
fruit 72667
Polythene. See Ethylene polymers.
Polytoxus *43693 *52676
Polytrichadelphus *633
Polytrichum commune 64600
Polyuronide 79539
Polyvinyl resin *93319
Polyvinylalcohol-lactophenol mixture *77952
Polyxenus fasciculatus 43389
Polyzonium 16479
Pomace 18308
Pomegranates 8554 *57514 *64456 *90591 *93474
Pomoideae *22754
Pompilidae. See Psammocharidae.
Pompilini 43714
Pompiloides *6713
Pompilus 43714 85899 *6738
Ponana 61037
Ponds 17188 25155 28659 43940 74704 94220
construction 6945 6947 25171 61326 78324
Puerto Rico *25166
U S S R *2696 *6938 *25157 *74705
U S S R *31806 *40454 *43946 *86120
See also Farm fishponds; Garden pools.
Ponerinae 78054
Ponting T C 56036
Pony Express 23672
Pools
Europe *10106
Italy *53455 *54847 *61772 *61773 *69597
milk 8066
New York 63580
wheat
Canada 36314 *36393
Popcorn 54543 57070
acreage and area 94627
breeding 57112 65014 81851
culture 39333
hybrids 81871
Iowa 18394
Missouri 39407
Popillia japonica 6428 6477 6495 24765 24780 52449 60884 68673 68690 85700 93766 93808
anatomy and physiology 6464 34254 77743
biochemistry 60871
control 24738 43483 60799 68690 68712 77705 77786 93769 93786
diseases 77695
Poplar. See Populus.
Poppy. See Papaver.
Poppy seed
adulteration *17801 *18641
Poppy seed oil *45767
Population 27802 71755 80426 *9739 *49992
and food supply 44409 53387 53394 61706 61708 69511 71495 78713 86515 88707 94497 95932 *53393

Item

Population--Cont.
and food supply--cont.
*55591 *61713 *78711 *86533
India 94503
Arkansas 19278
Asia 27524 27892
Brazil *37765
fertility
France *27888
Switzerland *63670
Wisconsin 27887
Finland *55588 *71205
Germany *37739
Illinois 95930
Ireland *55586
Italy *63664 *71758 *80231
Kansas 55234
Mexico *10158
Michigan 19279
migration
Africa 63666 *63669
Canada 10571
Germany *37736
Gt Brit 10275 18931
Ireland *55586
Italy *19269 *19276 *10577 *27389 *37733 *37737 *46512 *46514 *46516 *63669 *71760 *88706
Netherlands *10579 *46594
Norway *63672
Puerto Rico 37730
Réunion *19270
rural-urban 19274 71755 *9739 *88705
Austria *35626
Brazil *10576
Canada 71756 *10572
France *55594
Germany *10573 *19273 *37736 *37738 *46537 *53590 *55592 *55595 *71750 *71757 *71761 *88704 *88705 *95684
Gt Brit 46182 46595 80423
New Zealand 71751
Spain *55587 *71746 *71754 *95931
Switzerland *19271 *27886
Texas 63667
Wisconsin 37735
mortality 80492
Gambia 88702
Netherlands *19280 *27889
Nigeria 14179
North Africa *95933
North Dakota 71747
Oklahoma 37734
policies and programs
France *63665
India 95932
Italy *37733
U S S R 27865
situation and outlook 10567 10570 17557 19272 27893 35197 44390 61706 88707 *35205 *55591
Indonesia 19275
Pakistan 9079
Southern States 46596
South America *10000
South Dakota 80424
Southern States 10569
Spain *37047
statistical methods 46597
statistics 27890 71219 71753
Argentina *71748 *71749
Brazil *80421
France *63668
Italy *37732
Netherlands *10574
Union of South Africa 88708
Surinam 10578

*Text of this reference is not in English.

Item

Population--Cont.
Sweden *95934
Switzerland *19271
Tunisia *95933
Union of South Africa 3036 46597
Washington 80425
See also under Census.
Populus 14453 14729 22224 31534 41615 49977 *3299 *31538 *41128 *66885 *75149 *91896
anatomy and physiology *64726 *73016 *89876
Argentina *50179
Austria *66882
breeding *744
Netherlands 64676
conferences and congresses *3181 *3185 *31373 *31521
culture 3471 58835 *13863 *14565 *14577 *22203
Denmark *31517 *58724
France *14454 *31536 *75236
Germany *3404 *14457 *31530 *31539 *50183 *50191 *66871 *75259
Italy *3111 *3402 *14095 *31426 *31427 *31429 *31648 *50194 *66863
Mississippi 22340
mountain areas *75138
Netherlands *14457 *14477 *50201
Sweden *3389 *50186
diseases 64522 64539 64540 *11942 *12051 *19905 *38746 *38781 *72727 *81128
Argentina *72545
Netherlands *64425
Europe *75143
fertilizers *2737
France *22205 *91680
genetics
U S S R *20253 *31702
Germany *31531 *31546 *50203 *50302 *58778 *66872 *75144 *75156 *75228 *82342 *90885
growth *48124
hybrids 41249 *31702 *50186 *73053
Italy *31515 *50197
management *50206
Netherlands *22250
pests *16248 *43459 *81128
Netherlands *6790 *16550 *68982
Turkey *77700
planting 14591 41249 *3469 *91813
Gt Brit *22145
Germany *83417
Russian Zone *83426
policies and programs *22144 *31439
propagation 64522 *49058 *50329 *73944
research *50194
Spain *91685
Sweden *41123
thinning 58618 *66937
U S S R *66869 *66918 *75302
varieties *11942 *22202 *75143
Italy *31648
Minnesota 22207
wood *3630 *31953 *75208
Italy *31995
preservation 41414
properties 22747 *22746
structure *41647
utilization *31547 *32098 *41568
yields *14544

Item

Populus alba *20253 *81048
Populus alba bolleana *31702
Populus bachofeni 72943
Populus canadensis *50187 *50188
Populus canescens *22211
Populus deltoides 41238
Populus fastigiata *14472
Populus grandidentata 31543 50181 83676
Populus nigra *58828
Populus nigra thevestina *3469 *31511
Populus tremula *12176 *20253
Populus tremula gigas *14450
Populus tremuloides 14475 75134 75723 83666
Porcellio *52376
Porcellio quadriseriatus 6361
Porcellio scaber 24698
Porcothrips n g 25137
Poria vaporaria *58970
Poritia erycinoides erycinoides 52818
Pork 43096
analysis and composition *24244
and disease 9303 16082 26819
Brazil *16096
consumer preferences 9258 18533 45655 93289 95266
contamination 87777
curing 79739 *67651
cutting 9350 26880 *62846
flavor and odor 26824 87777
freezing 28230 54664 *67651
frozen 26819 26824 45723
grading and standardization *62846
industry 9182 60490
Gt Brit 85299
Spain 45621 *79763
marketing 54640
Finland *18527
France *9883
Norway *9206
prices 9325 26565 45655 79649
processing *9364 *18598 *26896 *36657 *36669
Italy *18551
statistics
Spain *79763
products *36657
prices 45655
quality 9307 18533 18557 45613 45700 85299 *5773
regulation and inspection 95296
Italy *18551
Netherlands *5823
New Jersey 85295
situation and outlook 9580
France *9883 *79650 *95289
Gt Brit 79669
Italy *18514
spoilage 26824
storage 45729 *45720
trade
France *38014
vitamins 28230 45729 55923
Porphyra *13730
Porphyra linearis *38506
Porphyrin 12524 *83882
Porphyroglottis 65633
Porro *82924
Porrolagria *34273
Port wine *17739
Porthetria dispar 43853 86006 94067 *17096 *25067 *25070 *25080

Item

Porthetria dispar--Cont.
anatomy and physiology *25067 *94075
habits and behavior *52838
Portugal *34579
U S S R *34568 *94099
Yugoslavia *17055 *85953
Portland Union Stock Yards Co 45672
Portugal Junta Nacional da Cortiça *3772
Portulaca oleracea 21340
Pososhkov I T *75003
Pospelov V P *64056
Post L von *56029
Post mortems. See Autopsies.
Post oak. See Quercus stellata.
Postage stamps 23674 42493 59978 92870 *28456 *59282
Postal service. See Rural free delivery.
Postandrosus n g *52454
Posture 38259
Posts. See Fence posts.
Potamogeton epihydrus 47239
Potamogeton natans *48079
Potamogeton perfoliatus *12531
Potamogetonaceae *12396
Potamometroides n g 16835
Potamonectes 43412
Potash
determination *14273 *17574 *49416
effects on plants 886 66373 73210 *39108
effects on rice 64462
fertilizers 1746 2701 2703 2812 12367 21545 21618 22008 30908 31017 31280 40936 49565 49614 50013 58228 66235 66272 66346 66350 66714 74604 74615 74665 82833 83143 83146 91286 91306 *2737 *2775 *2777 *3123 *21797 *22026 *31016 *31042 *31243 *40602 *40620 *40692 *49575 *49640 *49763 *58226 *58233 *58552 *58557 *66433 *74541 *74546 *74578 *74583 *74610 *74913 *83166 *91278 *91319
Austria *21706 *49806
Denmark *30905
France *13902
Germany *2848 *30891 *49710
Netherlands *82882
Philippines 74602
situation and outlook 40726
Sweden *40600 *40615 *40648 *40653 *40688 *40743
U S S R *40719
France *22036
Illinois 31282
in soils 21545 *58110
situation and outlook 14292 22046
Alsace *50048
statistics 50041
Potassium
determination 25872 83143 83146 *13775 *40466 *49452
effects on animals *47875
effects on cattle 15479
effects on plants 789 12286 39080 47957 47960 56789 73213 81637 81675 *976 *13034 *20214 *20392 *29268 *39175 *40450 *47544 *47875 *73127 *90034
fixation 13763 21543 40452 *49423
Illinois 30791
in animal nutrition 22861 76844 *50827

Item

Potassium--Cont.
in blood 43120
in cattle nutrition 92543
in human nutrition 19550
in insect physiology *94199
in insects *89699
in plants 12282 12343 56996 89937 *81753 *89699
in soils 2562 13762 13777 40478 58100 66179 66190 74457 74553 *30786 *39028 *49452 *81669 *91199
Sweden 82708
U S S R *2589
Potassium carbonate 81721
Potassium chlorate
effects on plants *89712
fertilizers 74593 *58299
Potassium cyanate 13650 21340 21343 21420 65927 82595
Potassium cyanide 6139
Potassium ferrocyanide 73278 *86778 *94679
Potassium nitrate *58549
fertilizers *50015
Potassium oxide *56878 *58552
Potassium permanganate *73366
Potassium salts *4702 *4711
Potassium sulfate
fertilizers 74593 *40602 *58224
Potato Association of America 82478
Potato Certification Scheme (England and Wales) 18290
Potato chips 8921 13482 40222 70819 70916 73135 79486 87348 95065
Gt Brit 18352
manufacture 70668 79527
packaging 36245
storage *18329
Potato flour 62504 70644 *36179
Potato Grading and Branding Law (Massachusetts) 26543
Potato Industry Council of Maine 8729
Potato leafhopper. See Empoasca fabae.
Potato psyllid. See Paratrioza cockerelli.
Potato starch 62504 *39259 *54237 *70535 *70543 *90172
Austria *57881
chemistry 70526 *54238
determination 54501 *87367
enzymes 70526 *90172
feed 23826
Germany *26514
manufacture *54386 *62595
properties 62494
waste 23826
Potato tuberworm. See Gnorimoschema operculella.
Potatoes 13510 *74146 *82531
abnormalities 72968 *48062
acreage and area *70680
Australia 79536
Germany *26631 *44627 *54411 *70680
Alaska 89926
analysis and composition 18228 18350 26487 36161 36228 62497 70546 95044 *62495 *70535 *70543 *79366 *87358
anatomy and physiology 885 12243 12343 29253 29357 39200 40170 47478 47953 48090 56785 56818 64768 64770 68491 72843

*Text of this reference is not in English.

Item

Potatoes--Cont.
anatomy and physiology --cont.
73215 81711 81733 89926 *718 *790 *889 *890 *12389 *12404 *39023 *39036 *39049 *48015 *48072 *48101 *48122 *54237 *54239 *56774 *56775 *56893 *56914 *56925 *56934 *64781 *64804 *64835 *74610 *81626 *81713 *81714 *89956 *89966 *90049
associations *2233 *37918
biochemistry 12513 36259 56986 64890 73315 *1046 *29468 *39259 *56990 *81752 *90085
breeding 2225 13443 38966 47549 49221 49229 56479 *349 *485 *571 *12009 *20004 *49173 *74165 *74202 *82495 *82532 *90944
Chile *47683
Finland *21303
Germany *40255
Netherlands *21320
Norway *571
Peru *2250
Switzerland *30428
Virginia 13500
California 30444
care and handling *8903 *18323 *94468
chemistry *87520
Colombia *87496
color 8681 62500
conferences and congresses 52934
Netherlands *29029
consumer preferences 8681 8682 18239 54241 62500 62502 79381
consumption
Germany *26278
contamination 26540 52192 62497 62558 70546 *54311
cookery 54376
cooperatives 8701 18255 36190 70571 87311
costs and returns 46464
Argentina *71659
Austria *55487
Gt Brit 95841
Northern Ireland 80349
culture 13525 21278 21311 30469 49212 64878 65881 74179 74188 82478 90977 *2309 *21259 *30479 *49174 *58374 *64991 *65851 *65853
Australia 2168 2173 30416
Austria *57843 *57881 *65873
Chile *65889
Colombia *65818
Colorado 2184
Denmark *40177
France *21237 *40160
Germany *40189 *49168 *49832 *57839 *57904 *65826 *65827 *74154 *74208 *82503
Russian Zone *40151
Gt Brit 21322 65901
Iceland *21269
Idaho 49159
India 40227
Israel *13492
Italy *2304 *65834
Morocco *2237 *13462
Mozambique *57898
Netherlands *40246 *57902 *82496
Norway *2217 *40298 *47630 *57850
Peru *2315 *82509
Rhode Island 2251

Item

Potatoes--Cont.
culture--cont.
Spain *13505 *30396 *57878
Sweden *2153 *30422 *56599 *65845
U S S R *790 *2226 *11635 *31807 *57909 *74196 *74220 *74225 *74227 *81752 *91348
Virginia 2301
Western States 21245
Yugoslavia 13519
cytology 28888 73002
directories
Gt Brit 62470
discoloration 26534 54314 54392 90939
diseases 11870 11927 11973 12000 12050 12502 20005 20083 20117 28895 29005 29012 29027 29038 29048 38844 45339 47458 47594 47616 47624 56505 56574 64313 64490 64576 64579 72706 72847 72896 73196 81296 81358 89575 89696 89726 93988 *286 *420 *423 *432 *446 *475 *490 *537 *562 *600 *11741 *11755 *11983 *12044 *19967 *20015 *20091 *28842 *28851 *28892 *28948 *28980 *28992 *29007 *29024 *29037 *38569 *38612 *38768 *47473 *47593 *47628 *47637 *47642 *47685 *52635 *56625 *64443 *64480 *64577 *72631 *72714 *72724 *72747 *72877 *73143 *81202 *81222 *81265 *81338 *81365 *89633 *89717 *89745 *89754
Argentina *11686
Australia 12015 20121 81167
Austria *81352
Canada 47669
Chile *11622 *20031 *72586
Connecticut 11810 28896
control 307 11767 11995 12021 13485 64426 72656 72662 89604 89637 *425 *11742 *20100 *52627 *72580 *72755 *72789 *86321 *89606
Norway *10974 *16189 *43173
Sweden *19910
Switzerland *64445 *64446 *89607
U S S R *11635
Finland *21303
Germany *38832 *47600 *57653
Gt Brit 11678 38804 56500 72893
India 11684 56490
Ireland 20009
Japan *29001
Maryland 11815
Massachusetts 38635
Mexico *11875
Netherlands *29042 *64397
New York 56624
New Zealand 11990 62563
North Carolina 89640
Norway *81256
Pennsylvania 11811
Peru *81208
resistance 11785 11999 38644 38650 47549 47640 56479 56494 56599 64451 64509 72848 89734 *349 *485 *489 *502 *12009 *20004 *21303 *28987 *38782 *47630 *47683 *64461 *64541 *64546 *72740 *74588

Item

Potatoes--Cont.
diseases--cont.
Spain *93353
Sweden *502 *11970 *64424 *81258
transmission 93955 *47654 *52616 *72790
U S S R *20030 *64459 *72740
Washington 29016
Yugoslavia *12017
dormancy 39022 56841 95108
dried 8674 26601 70313 79516 87481 *8816 *45105 *54372 *79526
Ecuador *129
enzymes *12552 *87361 *90172
equipment 52934 *8878 *45094
Finland *17307
U S S R *7071 *7074 *94237 *94252
feed 5240 5278 15350 23209 23826 32630 70313 92234 *2799 *3935 *5264 *5779 *16077 *22865 *23799 *24246 *24267 *32248 *32258 *32624 *32654 *33030 *33572 *33703 *40246 *43033 *43049 *50721 *50799 *51935 *77099 *83731
Denmark *32972
France *32297
Germany *26278 *41748 *45105 *45115
Ireland 22815
fertilizers 13922 13993 13999 14007 49709 66287 66288 66419 74543 74673 74914 *827 *2739 *30951 *31252 *40602 *40925 *49572 *49581 *58224 *58233 *74610 *82886 *82923 *90172 *91319
Australia 58300
Austria *50023 *74539 *74625
Germany *49743 *66368 *66448
India 13475
Madeira *40727
Netherlands *13979
Sweden *14258 *66320
U S S R *21710 *21747 *21755 *40678 *40731 *49690 *58263 *58307 *74588 *82845 *91282 *91348
flavor and odor 26540 36228
Florida 54220
folklore *36131
France *21281 *30425 *32297 *33703 *78697
genetics 38650 64697 73002 *20255 *64681 *64700 *73073
U S S R *20220 *20230 *47829 *47862 *56741 *56747 *64696 *90085
Germany *30430 *45115 *45474 *54190 *54200 *54201 *54315 *70549
germination *21307 *40207 *64834 *64835 *65853 *65903 *70631
grading and standardization 18283 87463 *18438
Austria *62656
costs 18297
equipment 95070 *8760 *26538 *53121 *79450
Germany *18287 *54322 *94356
Massachusetts 26543
Netherlands *70598
New York 26536

Item

Potatoes--Cont.
grading and standardization --cont.
Pennsylvania 8761
Union of South Africa 70556
Gt Brit 2198 2300
hardiness *2324 *20255 *21303 *73073
harvesting 2175 2202 13525 *2177 *2196 *2255 *44094 *57884
equipment 17355 17372 17373 53080 53095 94334 94338 *7088 *7093 *7101 *7139 *17348 *17349 *17353 *17368 *34881 *44100 *94336
Netherlands *78443
Sweden *17330
U S S R *34878 *44099
labor 9900 9953 37180 95679 *9902 *9937 *55135 *71314 *71315 *95666
Norway *95666
Sweden *9937
U S S R *40219 *49179
history 2231 8655 18216 45266 65841 *2311
hybrids
U S S R *2324 *20255 *56991
India 8651 21255
industry 82478 *87338
Argentina *26444
Australia *36128
France *18205
Germany *54188 *95032
Madeira *26464
Maine 54563
Spain *95039
Washington 8626
injuries 12329 54304 54392 89556 *8687 *73294 *87384
irrigation 2897 21857 66543 83019
Nebraska 81733
Netherlands *2967
U S S R *82998
juices and sirups *62495
labor *27382 *55135
Maine 37603 45385
marketing 8809 45326 70576 79404 *8722
associations *54292
bibliographies 87398
Canada 45344 45354 *70561
Colorado 36198
costs 87396 87397
Europe *54292
Germany *8658 *8735 *8736 *8740 *45346 *54284 *54288 *54289 *54296 *95032
Iowa 8684
Maine 8729
Massachusetts 8721
Netherlands *8752
research 74203
Spain *95039
Switzerland *45284
Union of South Africa 8749 76556
Mauritius 43238
moisture 36153
Morocco *74138
mountain areas
Italy *74223
Norway *2311 *10974
nutritive value 28245 38143 70620 79381
packing 18297 70610 79457 87452 *79460
pests 6465 6657 16634 43699 43830 52826 56442 61034 64587 77197 77747 93991 94004 *16830 *16978

*Text of this reference is not in English.

Item

Potatoes--Cont.
pests--cont.
*24709 *34491 *38509 *52391 *52398 *52635 *52638
Argentina *43529
Austria *77953
Canada 24917
control 6642 6660 24399 34608 77251 77752 77754 93384 *6467 *16189 *43173 *52663 *68698 *85412 *85858
Germany *52663 *68632 *68698
India 6798
Italy *85935
Mexico *16792
Netherlands *64397
Norway 16872 *16189 *43173
resistance 24917
Wisconsin 68399
planting 65898 *49210 *82507
equipment 44065 49212 78433 *17302 *17317 *17323 *25311 *69214 *78434 *94302
Finland *17302 *88292
Germany *65895
Netherlands *90943
Sweden 74162
U S S R *2171 *2277 *13458 *13480 *13507 *21335 *34867 *49216 *57866 *57885 *65876 *74226 *82537 *90914 *90925 *90957 *94302
policies and programs 8651 *54190 *54200 *54201 *62456
pollen 20327
prices 54341 87337 87463
California 79465
control 54341 *26567
Germany *18575 *26567 *54340 *70615
support 8809 79465
processing 8921 45425 45561 54401 79486 79497 87499 95104 *8878 *22865 *36267 *45054 *54375 *54386 *87496
products 8640 23826
propagation *56741 *82517
properties 18225 18350 26487 45308 79374 95044 95065 95070
proteins *43049 *47636 *70543
public relations 18249 *65863
quality 8082 13993 18228 18294 54312 79374 79434 79443 95074 *70596
Denmark *36257
Gt Brit 87439
New Hampshire 79433
New York 26536 45380
regulation and inspection 43238 45385 *10974 *54315
research 74203
Gt Brit 21328
India 2230
U S S R *13491
seed 307 8618 40201 65888 65893 74229 *2261 *13453 *29259 *49181 *49199 *57839 *74228 *82512
anatomy and physiology 20391
Argentina *82485
Austria *26546 *36142 *40232 *54183 *82504 *82505
Canada 74185
care and handling 65837
certified 40206 45379 54309 79900 79901 89575
Canada 57870

Item

Potatoes--Cont.
seed--cont.
certified--cont.
Denmark *54854
Germany *8772 *26553 *26631 *54323 *87440 *95076
Gt Brit 18290 90971
Wales 18290
Minnesota 13490
New Zealand 62563
Norway *49153
Union of South Africa *26552
Colorado 2240
costs and returns *8804
Gt Brit 88596
cutting *40242
diseases 56605
France *30460 *65863 *74142
Germany *26628 *30430 *40185 *45278 *54191 *54210 *54406 *62464 *65899 *74208
Russian Zone *65844
germination *74216
Gt Brit 11678 65900
India 13475 13476
Israel *57907
Italy *40152 *49129
Japan *64349
Maine 57855 90929
marketing
Austria *26546
France *36174
Germany *62521
Netherlands 9621 *2187 *45954 *54414 *57902 *65859 *90973
prices 95095 *8804
quality *2212 *49572 *74208
regulation and inspection 26552 *26546 *45954 *65845 *82489
research
Germany *74209
Spain 57829
storage *8821 *18339 *21307 *26597 *70630 *70662 *79481 *82506 *87469
Sweden *56599
Switzerland *45966
trade *38012 *46949
treatment 520 *19931
Union of South Africa 26552
U S S R *2212 *2277 *2279 *49179 *49216 *49218 *65820 *90924
seeds 57830 *2157 *81557
Sicily *2298
situation and outlook 26445 36183 70511 79342 87337
Algeria *87314
Australia 18197 62483
Austria *54181
Europe *26467
France *70563
Germany *8610 *8658 *26468 *45265 *45273 *54285 *62507 *62540 *62541 *62724 *62725 *70512 *70579 *87421
India 8639
Netherlands *79354
Northeastern States 44400
Spain *26454
Switzerland *45284
soils 2558 66287 66288 *2799
Germany *66336
Japan *12404 *58274
South America *65875
Spain *65841
spraying and dusting 19939 44147 68421 72660 *284 *89622

Item

Potatoes--Cont.
spraying and dusting--cont.
Austria *47409
Eastern States 56385
equipment *86321
Germany *77793
Gt Brit 65901
New Zealand 47398
Switzerland *64446
sprout prevention 8901 12507 13471 29357 49162 54398 90932 95108 *891 *1833u 36274 *39050 *54356 *54394 *62629 *64781 *70631 *70639 *74215 *79491 *89956 *95102
statistics 45478 54417 54418
Australia 62483
Austria *62656
Canada *54413
New Jersey 70677
New York 18357
storage 18350 29357 36259 54312 54367 54392 61386 70620 79477 79514 79519 87494 95108 95116 *2177 *8860 *8864 *8896 *8899 *18307 *18323 *18334 *26581 *36274 *54368 *62610 *62629 *70656 *87480 *94468 *94469
Belgium *36299
cold 18331 62620 *8850 *18305 *78639
Denmark *36257
diseases *54350
equipment 7152 78334
Germany *8882 *26600 *62628 *87478
Gt Brit 26616
Scotland 35136
India 62620
Netherlands 36272 *8872 *18305
sanitation *36292
Spain *62646
structures 35136 78631 78636 *25525 *35135
Sweden *36266 *54356
temperature 54404 *8895 *70501
U S S R *62621
subsidies
Gt Brit 55343
surpluses *32297 *33703
tests 18225 36153
tillage 2879 *2869 *21811 *66467
trade 64313
Brazil *10977
France *38012
Germany *11017 *28136
Madeira *26464
Netherlands *10977 *46949 *55872
Norway *10974
transportation 13482 18258 54304 79401 *8707
by railroad 45339 *54281
by truck 18263
California 70555
Germany *8687 *18287 *54281 *87384
Union of South Africa 70556 81819
U S S R *62456
utilization 70556 *7732 *45474 *54201 *70549
varieties 13482 13485 18263 30418 38644 40212 40222 54376 57894 65885 65897 79434 79516 81296 95044 *26597 *30417 *30421 *30452 *57818 *57834 *57850 *82494
Argentina *87469

Item

Potatoes--Cont.
varieties--cont.
Austria *48297 *49185
California 49144
Canada 74199 74231
Colorado 36198
Cuba *40179
Denmark *19990 *40177
France *2182 *30434
Germany *2191 *2199 *26468 *30474 *40216 *49166 *49197 *49211 *54315 *74184 *90976
Gt Brit *57864 *90970
Japan *30481
Maine 40245 49164
Morocco *13493
Netherlands *2237 *70598
Northern Ireland 65880
Norway *2220 *2265 *64913
Sweden *2284 *91517
Switzerland *2241 *21318
U S S R *21325 *38909 *62621
West Virginia 30487
Venezuela *74143
vines *22075
feed *32635
killing 2175 19910 41070 57820 57846 64768 65864 72706 89556 90939 *2185 *74152 *82477
mulch *1487
vitamins 70620
waxing 62500
weed control 21346 21358 30615 30629 57982 91084 *13560
Netherlands *49276
weight and measurement 54392
yields 2202 66543 74677 *70680 *82532
Austria *57881 *62656
Germany *45474 *54411 *70680 *74208
India 49217 90965
Netherlands *13979
New York 65887
U S S R *2157 *49690 *82998 *91282
Potentilla anglica *11506
Potentiometers 7593
Poterium sanguisorba. See Sanguisorba minor.
Pothyne 93778
Potosa n g 68917
Potosa rufofascialis 68917
Potts R W L 68710
Poultry 5525 9551 24004 24078 25278 33405 33457 *5423 *5468 *5480 *5513 *18702 *24066 *33422 *33474 *50958 *84955
abnormalities 5350 23903 60049 *33301 *51552
accounting 55436 *37566
adaptation *5470
advertising 15860 63002
Africa 32469
age 5322 5323 15711 33257 33270 *23785 *42715
Alaska 5417
analysis and composition 19585 27022 87749
anatomy and physiology 5200 5315 5387 15784 23817 23834 23973 33290 33339 33355 42523 42640 42704 51639 51651 60133 60188 76753 76797 84929 92983 93032 93042 *5328 *5402 *23957 *33274 *33303 *42636 *76829 *84782 *92997
and disease 5329 51637 *4164

*Text of this reference is not in English.

Item

Poultry--Cont.
associations 5486 9504 9561
Canada *45830 *95412
directories 76924
Gt Brit 84986
Iowa 42773
Netherlands *18699
Australia 33114 60228
Balearic Islands *67963
Bantam class 5139 5157 5159 5185 23720 23781 33134 33136 33162 42517 42562 51520 51549 84759 84767 92892 92893 92895 92897 92898 92901 92903 92906—92908 92913 92914 92920 92930 92933—92936 93013 *5135 *5178 *15744 *23772 *33155 *42549 *51546 *60132 *76683 *76689 *76697 *92941
Germany *15747 *33163 *33168 *42554 *60055
Belgium *15879 *33378 *60205 *60206 *68100 *92904
bibliographies 93108
breeding 3826 5136 5140 5141 5147 5153 5158 5166 5169 5171 5183 5186 5200 5732 9529 15710—15714 15724 15727 15728 15758 15765 15927 15932 23734 23743 23753 23755 23757 23764 23781 23790 23884 33113 33124 33132 33133 33148 33153 33156 42521 42528 42534 42535 42550 42672 42673 51518 51531 51534 51536 51539 51540 51622 51742 60006 60022—60024 67957 67964 67970 67972 76686 76692 76699 76703 76713 76715 76721 83898 84801 92907 92912 92931 92939 92940 *5149 *5191 *5203 *15718 *15748 *15751 *15759 *23754 *23756 *23775 *33121 *33144 *42516 *42532 *42551 *42603 *51527 *51528 *51544 *51545 *60052 *67961 *67967 *76691 *76695 *84755 *84796 *92910 *92911
Argentina *51519
Australia 42564
Austria *33166
Balearic Islands *5133 *67963
Brazil *92932
Canada 84765
cooperatives 45879
Denmark *5142
effects on feeding 5156 5193 42574 42592
U S S R *76701
France *5198 *76708
Germany 42566 *15715 *15745 *23770 *33111 *33164 *33168 *42546 *42552 *60011 *60013 *60037 *67968 *67987
Russian Zone *84753 *84760 *84761
Gt Brit 67954 84793
history 5155
Hungary *42541
hybridization 5136 23732 23747 23750 23765 33110 33138 60026 60028 60049 76680 84766 92912 *5184 *5190 *5204 *23730 *33116 *33145 *41669 *42533 *42612 *51524 *51537 *51551 *60013 *60014 *60015
inbreeding 5161 15785 23765 23789 60134 76680 76681 *5150 *15733 *51524

Poultry--Cont.
breeding--cont.
Indiana 60039 60056
Ireland 23745
linebreeding 67965
Massachusetts 84777
Missouri 42568
Netherlands 84795 *5177 *5187 *5188 *33130 *33154 *33176
New Zealand 5175
Northeastern States 5181
research 84775
South America *15725
Spain *51521 *60031
Sweden *76690
U S S R *23769 *33119 *84770
breeds 5143 23721 23745 23933 33115 42529 42544 76687 84754 84768 92896 92915 *5172 *5191 *5194 *5204 *5287 *15725 *15734 *23785 *23788 *42552 *42558 *51522 *51543 *51544 *60009 *76691 *92904
Ancona 33134
Andalusian 33134 *60031
Appenzeller *23728 *23742 *23752
Araucana 67969
Aseel *15749 *33158
Augsburg *51552
Australorp 42563
Barnevelder *42548
Bantam *23772
Birchen 51533
Blausperber *42556 *76683
Brahma *51545 *67974 *92937
Light 92933
Brakel *60021
Cochin 60025 92907 *5137 *60047 *92923
Cornish 33114 60012 *23771
Dark 23741 33128
Deutsche Sperber *15753 *60054
Dominique *23740 *51532
Faverolle *5163 *33142 *42539 *51557 *60041
Friesian *76718
Hamburg *5167
Golden-Penciled 92892
Silver-Spangled *23777 *60053
Hampbar 42559 67956
Japanese 92913 92934 *15744 *42549
Kräher *76720 *76723
La Bresse *51523 *84779
Lamona 23748 23784
Legbar 42565
Golden 42522
Silver 84789
Leghorn 23789 60048 60224 76681 84752 92899 *5173 *5314 *33175 *51529 *60014 *67979 *76696 *76714
Bantam *15747 *33155
Black 60049 *76678
Brown 33358 42520 42643 76680 76709
Buff *67987 *68042
White 5145 5165 15729 23722 23744 23964 33135 42536 60027 60133 67965 76699 76745 76828 76833 76911 92922 *76701 *84779
Single Comb 15760 23970 42563
Los Baños Cantonese 84956
Malay 23733 *5179
Marans *5432
Minorca 5159 *60011 *60031 *92905

Poultry--Cont.
breeds--cont.
Naked-Neck 33160 60058 *5150
New Hampshire 5129 5138 5144 23906 33114 33117 33127 33173 60210 67981 76706 76788 *5201 *15832 *23977 *51529 *84790 *92932
Old English 92897
Wheaton 92906
Orpington *67968
Padua *33118
Plymouth Rock *23719 *23726
Barred 23722 92935
White 15764
Polish 23729
Bantam 33162
White-Crested Black 92909
Rheinländer
Black *60040
White *67986
Rhode Island Red 5175 5322 23722 23739 42528 60036 60049 67966 *5148 *5154 *5180 *5399 *15720 *15750 *23727 *33111 *33112 *42540 *60003 *60186 *76679 *92924
Bantam 23720
Single-Comb 92898
Rhode Island White 23773
Rhodebar 42553
Rose-Comb 5139 84767 92903
Schweizer *67973
Sebright *60029
Spanish *60031
Sussex *5202 *15763 *84764
Light 15721 33114 51541
Vorwerks *60037
Wyandotte 76717 92920 *5178 *51547
Black *33163
Buff 33177 92901
Silver-Laced *60020 *60045 *67978
Single-Comb *33159
White 51556 *33163 *60051 *76722
broodiness 24042 42693 67966 76873 *5497 *33390
California 60260
Canada 54779 60197
canned 18584 27002 45901
nutritive value 79850
flavor and odor 79850
capons 5396 15800 23965 42667 51620 51690 60161 76780 *15824 *33299 *60173 *68153 *93087 *95401
carcasses 53361 61683 94491 *26985
care 5433 5448 5465 5474 15714 15891 15914 15940 23060 24025 24043 24072 27023 33216 33363 33375 33398 33416 33424 42777 42781 42787 42800 42839 51549 51686 51695 51704 51729 50742 60105 60182 60221 60223 60229 60234 60239 60243 60245 60269 67981 68029 68111 68128 69459 76871 76882 76914 76920 76922 76928 93084 *5414 *5467 *5476 *5478 *5497 *5498 *5514 *15885 *15913 *15922 *24012 *24016 *24057 *24068 *24081 *33372 *33376 *33392 *33451 *33454 *33460 *42699 *42796 *51543 *51672 *51682 *51706

Poultry--Cont.
care--cont.
*51726 *51735 *60225 *60230 *68117 *68119 *68130 *68142 *68152 *68153 *68161 *68174 *76697 *76910 *76926 *84940 *84970 *93046 *93060 *93062 *93068 *93092
Argentina *5439
Austria *5537
Belgium *42772
Canada *42758
Cyprus 68105
France *51667 *51670 *51731 *60202
Germany *5420 *15899 *42786 *68151 *84969 *93063
Russian Zone *84990 *93101
Gt Brit 24070 33367 42802 68121 76878
Haiti *84979
Ireland 93070
Israel *15830
Netherlands *5409 *5415 *33471 *76885 *84985 *93064
Philippines 24010
seasonal 5419 5477 5541 15888 76923 *84951
Switzerland *93075
Spain *5425
Sweden *76839
Switzerland *24028 *33380
U S S R *33462 *42804 *51705 *84989
Uruguay *23990
chemistry 26987
color 5147 5158 5389 15727 23743 23747 23749 23975 33132 33141 42517 42535 42550 42562 42563 51535 51539 60022 60026 67957 92936 *5149 *5354 *42548 *76722
conferences and congresses 9527 24006 45903 67435 *33458 *51521
consumer preferences 18689 26994 36823 45825 51564
Canada 45827 87979
Gt Brit 18685
Philippines 9574
consumption 9533 9586 45839 63027 87926 *96156
contamination 36604
cookery 80642 96134
cooperatives 9564 18709 45842 45873 45879 63015 71052 76867 87927 87936 87963 87977
California 36816 63008 87964
France *54799
North Carolina 62994
Spain *9523
costs and returns 5422 5490 23860 27725 33416 37622 37626 46460 46470 46502 51555 60064 60067 61609 63030 63594 71647 76863 80331 88553 88569 95616 95859 95879 *10409 *46466 *88580
Australia 10385
California 19163 27709 27710 36826 46463 55449 55450 55451 55453 71622 80329 80332 88562 95848 95849
Canada *37583
Denmark *10421 *93046
France *27733
Germany *10412 *27751 *37607
Gt Brit 5461 5507 18693 37625 55457 88579
Scotland 71623
Wales 10391

*Text of this reference is not in English.

Item

Poultry--Cont.
costs and returns--cont.
Minnesota 37591
Mississippi 80357
Netherlands *80359
New York 10381 10390 63575
Oregon 80326
Spain *63564
credit 9808 37121 46124 71251 88190 95616
culling 5428 5539 5542 24004 24047 24049 33400 33438 42729 46502 60219 60267 68101 68139 68162 76867 84932 *5424 *5482 *33476 *68137 *93066 *93094
cuts 36760 45909
cytology 60121 76820 *68044
debeaking 60177
Delaware 42746
directories 5522 36832 69949
diseases 5329 5392 23934 33295 42675 51578 51660 51664 60120 60124 60125 60191 76848 84920 92980 93026 *5283 *5311 *5315 *5317 *5373 *5383 *33289 *33338 *51631 *68057 *68059 *68077 *76810 *76910 *84865 *92992 *92995 *93037
control 5343 15801 15806 15893 23926 23945 23946 33284 60144 84848 84855
Costa Rica *84918
Denmark *15841
diagnosis 5286 42641 42661 *42692
Fiji 92993
Germany *68817
Gt Brit 84888
history 5397
immunization 33269 33337 33352 42716 51625
India 5353 42685 92255
Israel *15830
Kenya 84910
Maine 68095
North Carolina 33269
North Dakota 76799
prevention 15806 23949 76845 *33325 *33359 *42668 *84851
research 5331 5332 5398 42677 *68089
resistance 23950 *76834
transmission 23929 68054
treatment 5352 15835 15851 33288 42663 42694 51663 68052 68060 92987 93013 *51661 *84851
dressing 9529 9530 9582 9586 18698 27024 35872 36770 36775 36837 45827 45832 45851 45895 63014 71056 76862 79865 87931 95405 95421
dubbing 76703 84908 *5363 *42525 *60170
Eastern States 5440
egg production 5422 5452 15728 15940 23738 23768 23884 23889 23991 24007 24047 24051 24056 24059 24060 24069 24072 33373 33432 33444 33479 34829 42530 42719 42733 42738 42800 42822 42825 42833 46479 51639 51704 60019 60023 60203 60222 60238 61606 76904 76911 84759 84938 84962 92983 93093 *5135 *5149 *5363 *5410 *5437 *5495 *5505 *5509 *15857

Item

Poultry--Cont.
egg production--cont.
*15889 *15894 *23957 *33382 *33409 *51732 *60170 *68045 *68150 *76801 *76876 *76884 *84982 *92997 *93051
Austria *42816
effects of age *15720
effects of breeding 5145 5160 5162 5165 15760 23722 23750 24020 27007 33131 33147 33156 33173 33429 42519 42523 42538 42569 51555 60028 84778 92900 *5148 *5151 *5154 *15720 *15734 *23785 *42560 *51519 *51551 *60008 *60014 *76695 *84790
effects of disease 23958 23964 76828
effects of feeding 5213 5254 5258 5267 5276 9505 15775 15865 23801 23810 23411 23814 23830 23841 23844 23847 23890 33200 33219 33223 33224 33234 33246 33247 36825 42579 42581 42588 42589 42592 42596 42621 42632 51563 51573 51592 51593 60061 60062 60068 60105 60133 67265 68016 68017 68029 76747 76751 76757 76764 76766 76768 84807 84810 84822 84823 84836 84839 92957 92960 92972 *5151 *5244 *5269 *15770 *33221 *33227 *51588 *60094 *67997 *76728 *76738 *84828
effects of immunization 33281
effects of light 5484 15864 15865 15866 60210 *5434 *15870 *15926
effects of temperature 5484
Germany *5173 *51522 *93085
Russian Zone *93101
Gt Brit 5461 5502 15881 18693 68160 84934
laying contests 36811
Australia 15904 33397 76879 84968
Belgium *33407
California 24002 24003
Connecticut 15920
Florida 51684
France *60215
Gt Brit 24052 33402 33439
New Jersey 68146 93056
Oklahoma 33258
New Zealand 84936
Union of South Africa 93059
Nebraska 5430
seasonal 5541 15866 15903 15924 15931 23995 33375 33421 33429 42615 42757 42813 42820 42821 60237 68124 68125 84924 84935 84937 *24055 *33394 *51706 *84981
Union of South Africa *33456
U S S R *33412 *33442 *51719
equipment 5448 7050 17271 25260 33398 34829 44021 53009 54806 61388 61592 68170 *34828 *61407 *69158 *78601
Europe 33480
farms and ranches 15890 19155 51690 51720 60232
Australia 60236
Belgium *42772

Item

Poultry--Cont.
farms and ranches--cont.
Brazil *68107 *71574
California 33401
Chile *15862
Germany *37541 *60209 *93085
Gt Brit 15923 84958 93111 *5528
Hawaii 76911
Illinois 42808
India 42685
Italy *80255
Kansas 45863
legal aspects 19149
management 5277 5431 5448 5453 5471 5512 15884 15895 15909 23996 24005 24013 24019 24046 26989 27710 33374 33389 33432 33437 33444 37482 42777 42783 42803 42828 46429 51621 51673 51674 51676 51700 51712 51717 51725 51740 51745 55382 61694 63557 67981 68134 68154 76891 76915 84973 84993 92964 93055 93081 93093 93113 95825 *27646 *33121 *42788 *42806 *60209 *60244 *60262 *68165 *76919
Massachusetts 84777
Netherlands *5540 *15858
sanitation 68733 *93083
Sweden *33440
Switzerland *93092
Union of South Africa 51701
U S S R *24014 *24038 *24039 *24071 *33436 *33442 *33459 *84770 *84975
West Virginia 84941
feathering 5424 15791 15838 23739 23746 23747 23749 23969 23975 33125 33141 33191 33259 33316 42643 51535 51540 51642 51643 60025 60026 60138 60169 76838 84769 *5149 *23977 *33292 *60111
feed relations 15777 23847 41718 42589 60081 76914 84993 *5173 *33227
feeding and nutrition 5205 5213 5214 5216 5217 5218 5219 5223—5225 5227 5229 5230 5242 5243 5248 5249 5251 5257 5261 5262 5266 5268 5272 5276 5277 5279 5433 5465 5750 5766 8414 15063 15084 15710 15766—15768 15772 15773 15774 15784—15786 15789 15790 15793 15798 15893 15927 16055 22872 23219 23798 23800 23802 23803 23814 23816 23817 23819 23822 23826 23828 23829 23831 23834 23835 23842 23849—23852 23854 23860 23867 23869 23878 23885 26994 27725 33181 33182 33183 33185 33189 33191 33194 33198 33205 33206 33209 33214 33222 33237 33245 33247 33308 33373 33398 42571 42572 42575 42577 42578 42584 42586 42588 42594 42598 42602 42616 42619 42622 42628 42629 45099 50761 51549 51563 51565 51566 51568 51570 51572 51573 51577 51578 51583 51591 51594 51598 51600 51608 54041 57051 59169 60064

Item

Poultry--Cont.
feeding and nutrition--cont.
60067 60072 60074 60077 60079 60085 60091 60092 60095 60100 60102 60106 67992 67998—68005 68007 68018 68030 68299 76724 76725 76729 76730 76734 76735 76744 76745 76752 76753 76756 76757 76769 76862 79193 81897 84801 84803 84809 84812 84815 84818 84819 84823 84825 84831 84840 84935 92945 92946 92950 92957 92968 92972—92975 92978 93055 93113 94284 94902 *5211 *5212 *5234 *5235 *5237 *5247 *5250 *5256 *5263 *5274 *5281 *5287 *8372 *15792 *15794 *15796 *15799 *23813 *23846 *23848 *23862 *23865 *32253 *33190 *33193 *33220 *33225—*33228 *33233 *33239 *42582 *42590 *42593 *42600 *42603 *42621 *51561 *51575 *51579 *51581 *51587 *60082 *60086 *60099 *60101 *67988 *68020 *68024 *68035 *68037 *68142 *76739 *76741 *76742 *76768 *76910 *84799 *84806 *84826 *84828 *84834 *84838 *92949 *92967 *92976
Austria *33178
Brazil *33229 *76758
Canada 92948
deficiencies 15771 15791 33262 76844 84813 *23872 *84833
Denmark *15779
equipment 17287 25268 42601 94277
Germany *44025
France *5259
Germany *5239 *5264 *5420 *32282 *33271 *42630 *51589 *51590 *51760 *92969
Russian Zone *84800
Gt Brit 5278 15797 33187
Indonesia *92955
Israel *92979
Maryland 60070
Montana 84816
Morocco *5275
Netherlands *15769 *23799
New Zealand 84810
Northern Ireland 68017
Norway *92953
pasture and range 42620 51582 51586 60107 60417 84832 84839 92971 *20641 *68006 *68021 *68027 *73524 *92962
Philippines 5221 33188
research 5226 23859 42531
seasonal 5208 5419 42592 42615 *33178 *51576
Spain *60103 *67989
Sweden *42614 *60407
Switzerland *42612
U S S R *23866 *25271 *51597
fertility 5130 5193 23738 23767 60019 60023 60032 76719 *5197 *15762
flavor and odor 27002 42834
flock books *33122 *60002 *60042 *60052 *67959 *67967
flock size 15912 42749
folklore *76929
France *15867 *54066 *54760
freezing 27001 45881 71032 71055 87933 *71025
bibliographies 36296
home 26899 45713

*Text of this reference is not in English.

Poultry--Cont. Item

frozen 9584 71062 95386
marketing 45858
storage 45713
Game class 5280 5412
15732 33425 51533 67957
92897 92906 92908 92909
92922 92936 *23770 *45836
*67955 *92894
genetics 5130 5152 23718
23741 23746 23749 23755
23907 23922 33125 33128
33138 33141 33151 33152
33156 33169 42531 42543
42561 42563 51533—51535
60016 60026 60030 60057
76685 76709 76713 76388
84757 84769 84785 84854
92936 *5197 *15047 *15751
*15762 *23751 *33126 *33144
*51527 *51553 *76677 *76704
*76934 *84756 *84792 *84783
U S S R *23730 *23761
*76701
Germany *5163 *5473
*24009 *33153 *33175
grading and standardization
9577 18715 36828 45832
54781 87975
Canada 63004
Gt Brit 5451 5483 5508
15941 33428 42769 84980
85001 *71025
Scotland 42793
growth 5322 5323 15066
15777 15783 23807 23841
23857 23868 23870 23871
23915 23944 33191 33207
33356 42673 51622 51635
60012 60090 60135 60153
60168 76709 76724 76745
76804 76860 76914 84993
*5234 *68037 *92965
habits and behavior 15882
60110 *33482 *51575
hatcheries 5160 5186
15712 15723 15724 15863
15896 23790 33477 37622
42727 45908 51741 54782
54795 84931 95879
Canada 9522 15918
cooperative 45879 45888
directories 15918 84998
Germany *51734
Gt Brit 84965 *54787
Midwestern States 15859
54773
Missouri 68136
Ohio 33443
sanitation 60271
taxation 27326
U S S R *33446
hatching 5519 15907 17270
24044 33128 33379 34813
42771 51573 76905 80336
84931 84949 *5408 *5413
*5416 *5530 *33434 *33450
*42731 *42742 *42789 *42817
*51723 *60270 *67985 *68166
*76880 *76906
Austria *68118 *84964
Canada *95384
India 42774 76857
Ireland 93070
Louisiana 71050
seasonal 42783 93067
*68118
U S S R *24038
Yugoslavia *84992
history 42544 60048 62981
*51528 *84957
home raising 5169 5270
33398 *5427 *5480
Gt Brit 84987
India 15905
New Zealand 15906

Poultry--Cont. Item

housing 7280 7288 7307
7324 7330 15882 17454
17458 25468 25497 33423
33470 42601 42736 42749
44247 44260 51671 51697
53262 53280 53281 60258
61582 61592 61606 68170
84822 84962 86384 86409
86412 86416 93079 94429
*5457 *17464 *25476 *35082
*53250 *53272 *53285 *68117
*69385 *69397 *78601 *94441
California 7328 53290
construction 7317 44026
53251 61579 69381 94426
94440 *44273 *94419
cooling 78594
costs 61576
designs and specification
7282 7287 7325 17450
17467 33398 44245 44258
44266 53240 61561 61564
61576 61605 69390 86384
86395 86417 94431 *25467
*61596 *61597 *94419
equipment *61600
France *69398
Georgia 17466
Germany *61567 *69402
*94422
Gt Brit 7326 76878
heating 17529 35173
44017 44035 53252 53351
61560 *35085
history 7320
insulation 25485 61609
86406
lighting 61569 *7319
*17451 *35084 *46466 *69484
*69498
Maine 5503
maintenance and repair
25489
Netherlands *35069 *93064
portable 53240 *69399
remodeling 7331 86420
sanitation 7281 17385
33366 44242 60135 *24030
*53270
Southeastern States 44281
Switzerland *7296 *7298
*25474 *25475 *25483 *69405
ventilation 7292 17468
25471 25491 44263 69393
78591 86389 86405 86406
94432 94435 *69395
Hungary *42533
hybrids 5141 15723 23722
23786 33153 42808 51555
51668 67964 76698 84778
84797 *5190 *5192 *15754
*51550 *67984
icing 36818 36819 45891
45892 63017 63018 71053
87976
identification 51708
India 60036 92896
industry 9515 9528
9582 15887 18706 24061
33415 36767 36781 36799
42519 42778 45824 45883
45904 45908 45910 51679
51703 62972 68171 71029
84797 87917 87942 *84999
Alabama 9511 15876
42836
Arkansas 9583 27021
62973
as an occupation 5183
*42811
Australia 36820 63020
87914 87953
Austria *5537
Brazil *87944
California 27038 36826
79864

Poultry--Cont. Item

industry--cont.
Canada 9563 18697 45833
87938 87954 *45867 *63016
*71022 *95401 *95411 *95420
Delmarva Peninsula 18713
63022 79861
Denmark *71045
Eleventh Federal Reserve
District 71015
Europe 8412 36838
42837 *71064
France *84983
Georgia 33388 36822
51687
Germany *36771 *45846
*62977 *62980 *62995
Gt Brit 9531 36777
36793 36805 42809 45845
45876 45902 60235 79836
84934 84959 93057
Indiana 18687 63023
Iowa 76868
Italy *42829 *84988
Maine 60231 87925
Mexico *71028
Minnesota 54768
Netherlands *5534 *27033
*36790
New England 71039
New York 15880 95368
North Carolina 42745
Northeastern States 95403
Oklahoma 9542 87948
Oregon 9545 79864
Orkney Islands 79841
Pennsylvania 79862
Philippines 79838
Southern States 5394
Southwestern States 9579
Spain *9559 *36762 *36780
*51733 *87945 *87957
Sweden *79847 *87965
Switzerland *93095
Texas 9567 87958
Union of South Africa 62981
Uruguay *36776
Utah 79864
Venezuela *54812
Virginia 45897
Washington 79864
injuries *33338
Italy *33381 *76903
Japan *33414
judging 24024 42561 60057
*33445 *42737 *42753 *60191
Kenya *93080
labor 17271 18944 37239
55382 60258 68074 76899
84946 94284
U S S R *23866 *33462
legislation
Germany *45889
Switzerland *79856
litter 5431 5435 5450
5506 5524 7050 7280
7324 15893 15932 23884
24017 24026 24034 27710
32134 33298 33366 33387
33396 33420 33426 33427
33430 33435 33441 33468
33470 42738 42766 42779
42780 42826 42827 44242
51671 51677 51693 60192
60201 60214 60216 60220
60243 60258 60268 68054
68114 68122 68132 68140
68164 71623 76886 76911
76921 76922 84961 84974
84994 93010 93069 *76910
*84972 *93049 *93078 *93097
*93099
losses 9568 33389
marketing 9543 9556
9586 18680 18690 18711
18721 25655 27001 27023
33483 36763—36765 36782

Poultry--Cont. Item

marketing--cont.
36794 36804 36824 45831
45866 45871 45872 45884
45913 45914 54775 54777
54785 54803 62979 63005
63013 63035 71053 79840
79853 79869 79880 95280
95389
Alabama 63033
Canada 9563 36789 *95401
*95420
Connecticut 70560
Germany *18703
Gt Brit 45907
history 36799
New York 36791 36799
54792
Pacific Northwest 54761
statistics 17923
meat production 5138 5278
5454 5489 5536 9509
15923 15943 24005 24061
24079 33237 33365 33374
33415 33483 42691 42756
42777 42832 42838 42841
51518 51673 51679 51703
60027 60213 60224 60229
60232 60235 60252 63561
68112 68134 68170 68171
76782 76859 76863 76868
76871 76887 76914 76915
76925 84891 84993 84997
*68131 *84999 *93087
Alabama 15876 42836
Australia 68168
Belgium *5536
California 36826 42741
Delaware 42791
Denmark *60195
effects of breeding 23760
33463 42538 42569 60036
84752 92912 92916 92921
effects of feeding 5225
5272 15798 15891 23868
23870 23871 23879 33196
33216 42581 42623 42627
51564 51593 68005 68033
84808 84829 84830 84835
92964
Georgia 33388 51687
Gt Brit 5490 84934 84942
84959 93102
Louisiana 76860
Maine 5503 33455 42795
Midwestern States 15859
Mississippi 51697
Netherlands *5536
New Zealand 60194
North Dakota 5515
Ohio 15908
seasonal 15924
South Dakota 5515
metabolism 5372 33273
33315 51614 60117 60130
76778 76779 84861 *23923
*42639
Missouri 5418 68136
molting 15869 15939 33400
60138 60169 60219 84939
*15892
mortality 33258 60135
60166 68084 84924
nests 7052 7317 15882
27029 34833 61410 *53263
Netherlands *15938 *68097
New Zealand 5499 15900
Nigeria 93071
nutritive value *96156
packing 9538 9585 9586
18721 27010 45702 71055
79729 87924 *45836
parasites 5320 5394
15803 23978 33298 60115
68054 76793 84813 84864
84873 84925 93010 *23955
*51627 *51631 *92982 *93023
*93716

*Text of this reference is not in English.

Item

Poultry--Cont.
parasites--cont.
Brazil 33321
Bulgaria *84900
control 5393 23938 42635 42679 *23937 *66065
Mexico *15818
Netherlands *76783
New Zealand 23985 7314
pens
pests 16175 24041 24892 61309 69026 93434 *15889 *16215 *60756 *68628
U S S R *24714 *61292 *68626
poisoning 23939 51606 52197 67246 *68073 *68085
policies and programs 27025 45912 54816 *87916
prices 45864 45868 54766 62988 87917
California 63005
Florida 9557
New York 87940
processing 2700 27023 46988 54820 62996 63032 68074 71038 87932 95422
Denmark 18673
costs 95365
sanitation 62989 71057 87973
U S S R *36833
products 26996 27003 54769 87972
bibliographies 36296
Canada 18707
concentrated *63026
India 71014
marketing 17924 18681 36807 63024 71014 87972
France *54796
packing 63024
Philippines 9574
processing 35660
quality 33469 36765
storage 18681
Sweden *45645
utilization 45849 62986
vitamins 46988
proteins 27022
public relations 9535 9570 27034 51720 54777 71017 79860 *5518 *27037 *45896 *54804 *87968
publications 28027
purchasing 9533 45656
quality 9509 9548 23944 27000 42604 42627 42667 45872 68167 71038 *42649
New Zealand 54763
U S S R *63021
records and testing 5144 15873 15943 23734 23997 24036 24051 24083 24084 42530 42753 42782 42841 42842 51710 51743 60198 60199 60218 60252 68109 76866 92940 93104—93107 *15894 *42546 *68135 *93089
Australia 51668
Austria *42816
California 42741
Canada 15765 33384 68099 *93112
Delaware 5472
Denmark *5142 *76869
equipment *84984
Germany *33448 *42747 *42765 *42797 *42798 *51683 *68133 *76889 *84971
Russian Zone *84753
Gt Brit 24052 33439
Indiana 60056
Maine 42795
Maryland 5472
Netherlands *5529

Item

Poultry--Cont.
records and testing--cont.
North Carolina 76898
Pennsylvania 33427
New Jersey 93056
refrigeration 79865 *18682
regulation and inspection 7547 9577 18715 36768 36795 36828 62979 84848 87915 87971
Canada *95394
France *54762
Netherlands *27033
Virginia 5411
relief programs 79883 87947
research 5306 5429 15834 15886 15935 24080 *5492 *5458 *42723 *51691
Canada *93065
France *5447 *51727
Gt Brit
Scotland 5446
Morocco *5533
statistical methods *60111
Virginia 9514 9554
sanitation 5347 5431 42755 42814 60259 68154 76883 85791 95387 *15899 *24065 *33351 *33359 *68091
Sarawak 93072
selection 15729 23760 24021 24049 33135 33148 33156 42729 60024 67970 76904 84938 93079 *5199 *5203 *5495 *5529 *15748 *15751 *33149 *33382 *42557 *51558 *51732 *60190 *84796 *84982 *93048 *93051
Canada 15918
Spain *93086
sexing 42762 84956 *15937 *33406 *33464 *51678 *60226 *68169
autosexing 23717 42520 42529 42564 42566 42805 76692 *51744
equipment 69152 *5516 *33360
shelters 7315 25490 53243 53289 86422 86423 94427
shows 93076
Australia 76893
Brazil *24057
France *5535
Germany *42554 *51546
Spain *15861
situation and outlook 5449 9572 9580 9588 18679 18704 26984 26990 26993 27005 27011 27012 27030 27040 33365 36792 36796 36830 36840 42791 42792 45829 45839 45850 45899 54776 54784 54786 54813 54815 63027 71031 79876 95373 95393 95408 *26995 *36812
Brazil *95406
Canada 26986 *45854 *79866 *95402
Connecticut 95413
Delaware 42766
Eastern States 95404
France *54801
Germany *9524 *9562 *45674 *45886 *62984
Gt Brit 15915 18693 42763 42785 45853
Italy *62998
Netherlands *9555 *9566 *18672 *18705 *18710 *18719 *18720
Northeastern States 44400
Philippines 9193
Southern States 54774
Sweden *9587

Item

Poultry--Cont.
slaughtering 33368 79865 84953 *33476 *68024 *84945 *95384
cooperatives
Denmark *76858
Southeastern States 42835
Spain *33362 *33458 *42748 *51688 *84788 *93047 *93054 *93077
statistics 26988 35872 36764 36836 36837 45745 45875 63029 63030 79855 79874 79879
California 95370
Canada 62974
Virginia 17705
storage 46988 *18682 *27006
study and teaching 24027 33370 45861 68113 *68104
France *51728
Germany *84969
Gt Brit 42751
Missouri 68156
Morocco *5533
Sweden *76872 *76917 *76918
Switzerland *68100 *76870
systems 15927 15934 24060 33387 33423 51671 51676
battery 5462 5544 7280 7307 15898 33401 34829 42724 42776 42802 51669 68009 68106 68122 68172 76861 84960 84962 86417 93100 94426 *5404 *24075 *33475 *34828 *42730 *60250 *76890 *84950
Germany *33404
Gt Brit 71623 84952
U S S R *33145
colony and range 15933 51724 60200 60228 60233 76865 *5455
confinement 15713 27710 33479 42628 42735 68096 76911 76912 *5167 *60208
Gt Brit 51680
henyard 5270 5502 24073 42822 68122
taxation 46153 46154
temperature 5400
trade
Costa Rica *84918
Denmark *19485 *63877
France *10994
transportation 45844 54805 *45836
by truck 79870
costs 71049
Indiana 71049
New York 9568
types 51518 *5410 *23756 *23775 *24054 *42557
Union of South Africa 42565
U S S R *33121
vices 15882 60177 76897 93053 *42831 *51707 *76902
waste
feed 84573 92781
utilization 54780
watering 15766 23889 51697 68009 *92966
equipment 61409 *7053 *34818 *94276
weight and measurement 5185 9529 24069 36768 36794 45844 60168 63032 76782 84953 92983 *5173 *92941 *93087
Yugoslavia *76856
See also Chicks; Cocks; Embryos, chicks; National Poultry Improvement Plan; kinds of poultry; names of

Item

Poultry--Cont.
See also--cont.
anatomical parts, diseases, parasites, and products; under Artificial insemination; Blood; Castration; Dropping pits; 4-H Clubs; Ovulation; Pigments; Semen; Serum; Sex; and subhead effects on poultry under Climate and weather; Light; Temperature.
Poultry and Egg National Board 9570 54775
Poultry Association of Gt Brit 15915 42809
Poultry Club 84986
Poultry Improvement Board of New York 15916
Poultry Producers of Central California 33008
Poultry Products Institute of Canada 18707
Poultry Science Association 5486
Poultry Stock Improvement Plan 93057
Poultrymen's Cooperative Association of Southern California 18036 62302 79867
Poults
care 42752 42754 44019 51711 68157
diseases 5297 15809 33265 51609 76827
feeding and nutrition 23853 33179 33213 33243 42597 42608
growth 23792 23805 23842 23853 33243 42631 76763
industry 51715
poisoning 76785
Powder post beetles 93762 *24728
Powdery mildew
apples 468 38754 56560 *28839
apricots 47605
barley 11819 56519 81274
beans 38710
cantaloups 11937 72674
control 20068
Crotalaria retusa 11868
dewberries 20069
gooseberries *11783 *89581
grapes 89600 *431 *483 *499 *11825 *28872 *28904 *28928 *28933 *38683 *56540 *64482 *72723 *81283
kok-saghyz *11770
lettuce 89668
Melilotus parviflora 72717
oats 56520
ornamental plants 72725
pears 56560
potatoes 81296
raspberries 19994
Rosa 20056 *72704
Senecio cruentus *47466
Syringa vulgaris *424
vetch *11881
Power 35182 40824 44363 61679 *7223 *7252 *61678
See also Electric power; Electricity; Hydroelectric power; Steam power; Wind power.
Pox. See Cow pox; Fowl pox; Sheep pox; Swine pox; Turkey pox.
Prairie View Agricultural and Mechanical College for Negroes 55667
Prairies
ecology 659 38864 38874 *47704 *56633 *56644 *56654
France *82071

*Text of this reference is not in English.

Item

Prairies--Cont.
irrigation
Canada 40842
soils 13870
Texas 12789
Prasiola japonica *81070
Prasona *77662
Pratia angulata 56265
Pratylenchus
Begonia 66670
Prays oleellus *43197
Precipitation 11304 38282 66538 80806 91331 *66249 *75835 *91894
Algeria *91186
analysis and composition 64079
Argentina *47109
artificial 11299 11310 19697 19702 19705 28350 38272 38283 38284 38288 46563 56091 56093 64074 72225 72228 72230 80818 96230 *11300 *11309 *11312 *19701 *38277 *47106 *64077 *72223
Belgian Congo *96234
Brazil *11306
Egypt 72227
Montana 72229
Sardinia *11296
Tunisia *38287
Australia 48266 72224 80866
Balearic Islands *40771
Brazil *47108
California 40593
Ceylon 28353
Costa Rica *47103
Cuba 80814
Denmark *49942
East Africa 38275
effects on bees *24661
effects on cattle 76143
effects on fruit *73832
effects on plants 797 28353 29554 39178 39201 47933 57981 64977 73290 80821 *19894 *29220 *39024 *72339 *81814
Utah 73641
effects on soils 21915 *58091 *66122 *83450
India 19700
Italy *58197
measurement *58873
Norway *80812
Philippines 89149
Southeastern States 80821
See also Hail; Raindrop erosion; Snow.
Precipitin test 32925 87757 93313 *6579
Precis *85978
Predators. See names of predators; and under specific subjects.
Prefabrication. See subhead prefabricated under Buildings, and kinds of buildings.
Pregnancy. See under Livestock, and names of animals.
Pregnancy disease
sheep 5661 85133
Pregnant mares' serum 5310 *43972 *77060 *93119
Pregnant mares' urine 84652
Premerge 2391
Premium Boar Scheme (Gt Brit) 43009
Prentice E P 32208 50669
Prepackaging. See Packing; and subhead packing under specific subjects.
Prepuce *23325 *76237 *85255 *92467 *92575 *92576

Item

Preservation of food 12942 *61842
preservatives 7595 17898 53524 54899 61788 61845 69570 69573 71139 79147 *7611 *7649 *8884 *35578
Finland *61874
Southern States 53529
See also Canning and preserving; Dehydration; Freezing of food; and subheads under names of foods and preservative agents.
Preserves. See Canning and preserving; Jellies and jams; and subhead canning under Fruit, and names of fruit.
Pre-Service and Graduate Training for Extension Personnel Conference 19382
Pretoria Botanic Garden 89231
Preventriculosis
cattle *32787
Prevostea *38461
Prices 9848 9855 17646 17647 17648 17656 25696 35344 53441 61741 71219 71731 78804 86521 86618 86628 94555 *9739 *25698 *35324 *35353 *53510 *61831 *69736 *86615
Australia 17658
Austria *17686 *37618 *37620 *86626
bibliographies 35321
Brazil *78799
Canada 35338 61818 78807
control 7585 7586 9755 17644 25829 35323 35326 35337 35341 35357 35358 45496 46132 46824 53500 55444 61813 61824 61825 61829 61834 61835 62576 69666 69673 71261 78808 *35339 *46926 *53517 *78800
Austria *7584 *9924 *55113 *69662 *69663 *69674 *86629 *86630
Brazil *69655
Canada 37133 *53523
France *44547 *53503
Germany *25702 *53511
Gt Brit 25704 35336
Italy *61815
legislation 78810
New Zealand 17650
Norway *80340
Philippines 17651
Spain *53504
Sweden *80356 *86627
Union of South Africa 26868
Cyprus 69594
farmer's share 8749 17662 55046
France *7575 *7589 *25693 *44537
French Indochina *44550
Germany *7590 *35360 *44540 *44548 *46285 *53509 *61827 *61828 *61836 *78796
Gt Brit 69659 *17653
Hawaii 61756
history 33521 35343
Iceland *35329
indexes 35354 78811
Canada 78797
Gt Brit 61816
Spain *44552
India 17663
Indiana 17654
Italy *25692 *25701 *35346 *55824 *57505 *78798 *94587
Louisiana 18895
Malaya 25700
Mississippi 7587 17655

Item

Prices--Cont.
New York 17652
North Dakota 7576 25697
Norway *78805
parity 7583 8167 35321 35359 36797 44536 53512 61823 61833 63581 69675 72036 78809 78814 86620 *53520 *86616 *69656
Germany *44532 *44534 *44539
legislation 78812
policies and programs 18896 61822 61834 69658 86624
Austria *35335
Brazil *35340 *78749
Cuba *44535
Europe 7579 35334
France *69660
Germany *78755
Gt Brit *86576
Netherlands *17649 *61820
Sweden 69668
U S S R 53515
Scandinavia *7577 *86619
situation and outlook 7582 19022 35320 35331 35347 35352 37475 44549 53506 53518 53522 55463 69664 69670 69671 69672 86622 94499 *7581 *71216
France *61832
Spain *25691 *35322 *86621
statistics 78809 86632
France *44537
support 7588 17660 17661 17925 35349 44541 44958 45554 53513 61830 62160 69657 71508 78806 78813 86614 86623 88446 94586 94588 *53514 *53520 *86631
Austria *53519 *69661 *78803
bibliographies 35330
Canada 7572 25705 69657 *53523
costs 35325
Cuba *44535
legislation 78812
Sweden *7569 *17643 *17657 *19469 *44533 *44551 *53516 *61821 *69667 *78795
Switzerland *17657 *86625
Union of South Africa 25695
U S S R 69665
Venezuela *10177
See also Cost and standard of living; Inflation; Statistics; Subsidies; and under names of commodities.
Prickly pear 40634 57314 65943 66053 *29968 *57192 *57200 *82627 *90347
Priekul'skaia Gosudarstvennaia Selektsionno-Opytnaia Stantsiia *1080
Primavera. See Cybistax donnell-smithii.
Primula 11479 65655 90711
anatomy and morphology *12182
color 20457
culture 13236 40033 48965 82355
Europe 13371
Gt Brit 38487
Japan *57763
judging 82398
Montana 40092
pests 93761
Switzerland *13380
varieties 2105 13213 13233 65605 65663
Primula auricula 90801
Primula chungensis 56211
Primula elatior 65585

Item

Primula farinosa *64225
Primula malacoides 81269 82296 *74092 *90863
Primula nutans 90704
Primula obconica *65657
Primula pulverulenta 40012
Primula sinensis *47744
Primula suffrutescens 40105 90727
Primus method *58122
Prince Edward Island Dept of Agriculture 63990
Pringlea antiscorbutica *64622
Prinoessa n g 52628
Prionocera *52552
Prionosciadium 89328
Prionostemma *68596
Prionosternum n g 77606
Prionoxystus baccharidis 68924
Prionus coriarius 68707
Prioria copaifera 41113
Pristicoris n g 43676
Pristiphora erichsonii 6704 94016 94029
Pristiphora pini *61140
Pristophora *16939
Pristophora florella *17021
Proactinomyces *20438
Probang *92841
Proboscidea jussieui *49093
Probstmayria vivipara 51477
Procaine 4089 *33055 *59974
Procaine hydrochloride 50853
Procaine penicillin
effects on swine 24257 68325 77092
Procalus *77662
Procanace 60995
Procapperia n g 52743
Procavicola *43909
processing 44554 61837 86653 *25740 *35396 *44591 *78824 *78829
Chile *17672
cooperatives
Italy *53542 *94610
effects on nutritive value 95112
equipment 35367 *25740 *44593
Japan *94603
statistics
Germany *86678
Switzerland *46331
U S S R *37368
See also names of processes; under names of products; and subhead utilization, industrial, under Agricultural products.
Processor-grower contracts 44597
Processor-grower relations 45369 62607
Prochiloneurus *6736
Procris *68983
Proctacanthella 34308
Procter W 11226
Proctotrupes gladiator 34516
Proctotrupoidea 6709 43703
Proctotrypidae. See Serphidae.
Prodecatoma 94010
Prodenia eridania 34645
Prodenia litura 34560 43808
Prodenia ornithogalli 78148
Prodidomus 77631
Prodromus 52622
Producers Livestock Cooperative Association 54619
Production 55443
adjustment 10063 10118 55276 *46332
goals 7683 10213 37351 37355 37429 45251 46224 46225 46250 46258 46293

*Text of this reference is not in English.

Item

Production--Cont.
goals--cont.
46295—46298 46313 46342
46344 55172 55203 55204
55249—55254 55323 63393
63402—63405 63453 78812
80186 80187 88405 88440
*44626
Australia 55248
Europe *95738
Germany *55257
Gt Brit 55320
Italy *95689
Philippines 37283
Southern States 4€286
U S S R *46382 *63428
*63477
Western States 46306
indexes 25755
Michigan 38118
See also Agricultural products; Agriculture, regulation; Policies and programs; Statistics; and under specific subjects.
Production Credit Associations 46103 55017 55033 63246 80051
Productive capacity. See under Agriculture; Labor; Land.
Progesterone
effects on cattle 42152 76346
effects on dogs 84552
effects on minks 15621
effects on poultry 33254 33309 93024
effects on sheep 93139
Programs. See Policies and programs; and under 4-H Clubs.
Projapygidae *43923
Prokelisoidea n g 61073
Prolabia pulchella 81118
Prolamins *26694
Prolapse. See also types of prolapse.
Proletarskaia Lesozashchitnaia Stantsiia *31452
Proline 26820 87754
Promecops *43481
Promecotheca cumingi 24756
Promyrmecia 68876
Propagation, plant. See subheads propagation; rootstocks under Plants; and names and classes of plants.
Propenyl guaethol 94637
Property 27782 96060 *18983 *19008 *46652 *63712 *88478
β-Propiolactone 8499 12466 62369
Propionic acid
sodium salt 50915
Propionylcholine
cattle 15399
Propolis 24479 24581 *6282 *52203
Propyl gallate 70935
Prosagandecca n g 52628
Prosevania punctata 24989
Prosimulium 43554 60982
Proske H O 11232
Prosopigastra *52690
Prosopis 12310 38418 52725
Argentina *11453
control 13562 13605 13618 30528 30536 30580 30639 40286 40297 49292 74264 82566 87699
New Mexico 30581
ecology 89770
Union of South Africa *82977
wood *41643
Prosopis bisinuata *94044
Prosopis ruscifolia *48150
Prosopis velutina 56772

Item

Prosoplus 93778
Prosopocera 93778
Prospodium 56327
Prostatic calculi 76544
Prostemma *32621
Prostephanus truncatus *16545
Prostigmine *23632
Protalebra 61037
Protalebrella n g 85884
Protamone. See Thyroprotein.
Proteaceae *89277
Protease 56981 73327 *62193
Proteides clarus 43845
Protein hydrolizates 63947
Proteinase 53758
Proteins 35356 81711 91240
analysis and composition *86557
bibliographies 53572
chemistry 69561 69983 79685 86549 86550 *8185 *86557 *86745
determination 44423 *17569 *26010 *28404
effects on spermatozoa 15738
fibers 8549 45235 54095 62359 79234 79696 87170 94920 94928 *8456 *8523 *70454
hydrolysis 62821
in animal nutrition 3866 15060 32296 41753 42409 50706 59199 59246 59253 75814 *3895 *3941 *41706
in animal physiology *32314 67343
in brewing 69859 *78865
in cattle nutrition 4471 4472 32611 32668 59543 67560 76213 76225 82822 84157 *23246 *77077 *84172
in cattle physiology 67711 76276
in horse nutrition *84640
in horse physiology *5576
in human nutrition 11029 11113 19513 19521 38070 38131 63908 63940 89019 89040 *11047 *19583 *80668 *80702
in insect nutrition *93667 *93668
in insect physiology 34631 34633 61263 78196 78228
in mink nutrition *15632
in pigeon nutrition 5222
in poultry nutrition 5209 5218 23804 23874 23888 33214 42587 51567 51599 76724 76726 76757 76761 *23862 *51562 *51584
in poultry physiology 23894
in rabbit nutrition 76941
in rabbit physiology *5573 *5574—*5576
in ruminant nutrition 59210
in sheep nutrition 15990 51813—51816 85077 85092 93146 93150 *5647 *85091
in sheep physiology 85106
in swine nutrition 16057 16058 24248 33734 43030 43056 51907 51911 51912 51915 60408 60413 60429 60446 77069 85207 85214 *5783 *60424 *77077
in swine physiology *33740
in turkey nutrition 5132 23716 42570
properties 86543
research *25862
sources 22733 75747 75780
synthesis 78818 79976
See also names of proteins; and under specific subjects.
Proteus 93033

Item

Protichneumon *61126
Protoctemnius. See Crabro (Protoctemnius).
Protolophus *68622
Protomyces wodziczkoi *81122
Protonarthron 93778
Protoparce quinquemaculata 6766
Protopectinase *39257
Protoperlaria *43146
Protoplasm 12277 *29275 *39016 *64774 *73119 *81577 *89857
Protoporphyrin 90144
Protorhoe n g *17003
Protoribates *93731
Protorthoptera *6887
Prototheca *59681
Protozoa 32366 *15220
Protura 78265 *6905
Proventriculus 23976
Provitamin A. See Vitamin A.
Prowers J 51339
Prunaspila 77732
Prune juice 8836
Prunes
advertising 8646 36215 79423
analysis and composition 36154
care and handling 45445
drying 79483 *70621
grading and standardization 45392 *18281
marketing 8710 8711 8742 26504 26517 26525 36212 62543 79532 87426
packing 45445
pests *61104 *78000
prices 8645 8646 8808 26525 45390
public relations 8745 26531 62544
quality 3009 8711 8742 45384 45390 45445
situation and outlook 8645 8929 18341 26606 36113 62638 70516 87339 95062
Northwestern States 79349
spoilage 18221
surpluses 8836
trade 55839 55840
utilization 79376
Pruning 39698 48652 57405 73923 *12940 *29903
equipment 34859 44056 53018 94299
See also under names of plants.
Prunner L de *78178
Prunus 11491 21112 64574
breeding *1790
diseases 28882 72866 72867
extracts 64775
Prunus amygdalus
anatomy and physiology 73183
Australia 21013
culture 13135 *12951 *65485 *82286
Algeria *13130
Argentina *13136
Australia
Victoria 39916
France *21012
diseases 525 64534
U S S R *72572
fertilizers 74627 *58338
irrigation 49861 58426
pests 68853
soils 21754
varieties 30146 *48890 *65484
Italy *82291
tests 21013
See also Almonds.

Item

Prunus avium. See Mazzard cherry.
Prunus dielsiana 56242
Prunus macrophylla *47795
Prunus padus *1062 *39121 *56577
Prunus paniculata *89863
Prunus pennsylvanica 3420 32097
Prunus pumila. See Sand cherry.
Prunus serotina 83298
Prussic acid. See Hydrocyanic acid.
Psacadocalymma 89352
Psalliota 47345
Psallomimus n g *43569
Psallus *43695
Psallus variabilis *77991
Psammocharidae 78015 85899 *6713 *6717 *78008
Psammolestes coreodes *77974
Psammotorrenticola n g *68592
Psaryphulum n g 77732
Psectra diptera *43919
Psectrothrips 6922
Pselaphidae 34271
Alabama 34270
Arabia 43445
Belgian Congo *16577 *85647
Fiji Islands 68685
Indochina *77727
Neotropical regions 93746
Oceania 68685
Portugal *77737
Tennessee 34270
Pselaphostena n g *6438
Pselaphoxys 43445
Pselliodes 93700
Psen *16895
Pseudacraea 17018
Pseudacteon formicarum *43501
Pseudagenia *6717
Pseudagenia carbonaria *16891
Pseudandrosus n g *52454
Pseudanurophorus 78256
Pseuderanthemum lindavianum 56266
Pseudeucoila bochei *43724
Pseudeudius *43481
Pseudeutrapela n g *68688
Pseudevippa 77631
Pseudo fowl pest. See Newcastle disease.
Pseudoblankaartia n g 16490
Pseudoceles 43888
Pseudochariesthes 93778
Pseudochazara n g *17039
Pseudocleonus *16641
Pseudocleonus cinereus *93806
Pseudococcidae 16800 *93974
Pseudococcinae. See Mealybugs.
Pseudococcus brevipes 34458 52639 61097
Pseudococcus citri 43658 *43662 *52657 *52668 *85898
Pseudococcus crotonis *43662
Pseudococcus maritimus 6684 24927 68815 *52634
Pseudococcus njalensis 43658
Pseudococcus paludinus 6633
Pseudocolus javanicus 38548
Pseudoconalia *6434
Pseudoconnarus 11455
Pseudodoniella n g 6643
Pseudoedenops n g *16743
Pseudoeurydesmella n g *68623
Pseudoisobrachium *43729
Pseudoleptura *85642
Pseudoleptus 77593 93717
Pseudolimnaeum *77769
Pseudolimnophila 6505
Pseudomacroptila n g 16983
Pseudomammillaria n g *47223

*Text of this reference is not in English.

Item
Pseudomasaris 78012
Pseudomasoreus canigoulensis *60880
Pseudomassaria *38517
Pseudomeloe *93784
Pseudomenopon *69037
Pseudomenopon rowanae *94192
Pseudomenstruation *50870
Pseudomethoca anthracina 24997
Pseudomethoca harpalyce 24997
Pseudomonas 48184 95336 95392
Pseudomonas aeruginosa 32704 *33041 *43084
Pseudomonas andropogoni *81315
Pseudomonas caryophylli 28979 72810
Pseudomonas citriputeale. See Bacterium syringae.
Pseudomonas coronafaciens atropurpurea 47480
Pseudomonas fluorescens 48163
Pseudomonas fragi 79032
Pseudomonas glycinea *72804
Pseudomonas juglandis *64532
Pseudomonas lachrymans 20113 38790 *529
Pseudomonas lindneri 20445
Pseudomonas malvacearum. See Bacterium malvacearum.
Pseudomonas marginalis 11965 38779 87483
beans *64536
Pseudomonas mors-prunorum 527
Pseudomonas phaseoli sojense 28975
Pseudomonas savastanoi *6728 *20110
Pseudomonas solanacearum 64535 72811
Pseudomonas tabaci 28974 28975 *410
Pseudomonas tomato 72812
Pseudomonas tumefaciens. See Agrobacterium tumefaciens.
Pseudomoniasis
guinea pigs 76676
Pseudomonilia rubescens *94770
Pseudomordellaria n g *6434
Pseudomussaenda flava 47298
Pseudomyrma 61137
Pseudomyrmex 61137
Pseudonapomyza dianthicola *85784
Pseudopachymerus *85673
Pseudoplea *72498
Pseudoplectus *77727 *85647
Pseudopothea n g *34494
Pseudopsilopteryx n g *69050
Pseudorabies *41800
dogs 42350 43087 51964
Pseudorus *24792
Pseudosamanea guachapele 32163
Pseudoschongastia 77598
Pseudoscorpionida. See Chelonethida.
Pseudostaurastrum *81061
Pseudostellaria musashiensis *28544
Pseudostichococcus monallantoides *56314
Pseudosymblepharis 89400
Pseudotargionia *43625
Pseudotheocris n g 93778
Pseudotolida n g *6434
Pseudotomoxia n g *6434
Pseudotremia 16480
Pseudotrichia 72728

Item
Pseudotsuga 80997
Pseudotsuga taxifolia 3468 32002 32185 75211 *91681 *91807
anatomy and physiology 3472 3781 3812 22366 *73022
bark 3751 22682 41626
Belgium *14449
biochemistry 64899 67219
Denmark *14608
diseases 20085 *72801
Denmark *64448
Pennsylvania 81289
resistance 72754
Germany *58771
growth *31554 *31759
measurement 50247
Netherlands *75260
Pacific Northwest 22282 *3266
Pennsylvania 89761
pests 75365 85634
planting *75322
propagation 83400
pruning 22366
seeds *66951
soils 66242
thinning 50304 75294 83395
U S S R *91775
wood 3652 3656 22434 22451 31852 31978 41413 41423 41496 41616 50517 50644 59015 67161 75667 *92155
utilization 14810 41493
Pseudotuberculosis
guinea pigs *33098
poultry *60132
sheep. See Caseous lymphadenitis.
Pseudovalsa shearii *72507
Pseudoxenos beaumonti *17175
Pseudozaena *6410
Psila nigricornis 60920
Psila rosae 24881 52580 *43491 *60894 *77903
Psilobethylus 78010
Psilocurus 34308
Psilopteryx *69050
Psilopygida 52807
Psilotum nudum *81001
Psilotum triquetrum 72436
Psittacosis 42650 51637
Psocoptera. See Corrodentia.
Psorergates ovis 43372
Psorodonotus 86035
Psorophora *6613
Psorophora confinnis 34427 61028
Psorophora discolor 34427 61028
Psorophora totonaci 16774
Psoroptes *24700 *85582
See also Mange.
Psorosis
citrus 28816 56618 64580 *20092 *28909 *56608
Psychidae 17051 68925
Psychidea bombycella *78183
Psychoda
control 43548 68780
Psychoda severini severini *24855 *24857
Psychodidae *24856
Psychology 9974 55810 55812 63888 63929 *10901 *38003 *38008 *52984 *63827
See also under Children; and names of animals.
Psylla 16836 61094
Psylla medicaginis *85830
Psylla pyri *85867 *93980
Psylla ulmi *16865
Psyllidae 6674 16832 85844
anatomy and physiology 52642
Mexico 85847

Item
Psyllidae--Cont.
New Zealand 61094
Puerto Rico 43635
Utah 52646
Psylliodes chrysocephala *6415 *6443 *16562 *43439 *52450 *77671 *77710
Psyllomyia *85773
Ptecticus 85744
Ptenura 43931
Pteracarus n g 68612
Pteridium aquilinum 66014 *65928
analysis and composition 62322
control 57920 57948 91027
toxicity 15672 50823 51244
cattle 76388
horses 5042
Pteridophyta 11514 13259 13314 90766 *72441
anatomy and physiology 12149 20185 20393 56759 64654 *39131 *47783 *56720 *56949 *81455 *90061
Australia 188
Austria *56284
Belgium *11517 *19852
culture 13250 57735 *57640
Europe *199
Fernando Poo Island *89376
Florida 38495
France *89379
genetics *47778
Georgia *28626
hardiness 57749
India 89387
Indiana 185
Japan 189
Kansas 11516
Kentucky 89384
Liberia 64247
Michigan 81054
Minnesota 64245
Missouri 89382
Mt Kenya 11521
New Zealand 28625
nomenclature 89388
North Carolina 81053
taxonomy 38497
Texas 64246
Trinidad 64126
Pterins 34651 69003
Pteris aquilina
toxicity 15461 23341
Pteris microphylla 89383
Pterocallidae *34305
Pterocarpus 67207
Pterocarpus angolensis 41580 75218 75696
Pterocarya *57788
Pterochilus *52694
Pterochlorus persicae *34490
Pterocroce *52895
Pterogyne nitens *22578 *66879
Pterolophia 68644
Pteromalidae 43716 *6736
Pteromalomorpha n g *6736
Pteromalus *6736
Pterostichini *52484
Pterostichus 24742 52460 *16649
Pterostylis russellii 28548
Ptilidium californicum 89402
Ptilocera *68755
Ptilocoris *52675
Ptilopodius 16628
Ptinidae 6453 24744 60832 93755
Ptinus *43442
Ptinus fur 24744
Ptinus tectus 6453 43428
Ptinus sexpunctatus 24744
Public relations 7425 10268 17646 19324 19366 27932

Item
Public relations--Cont.
27974 28363 37792 55636 55720 63727 71800 71840 71853 80511 *19462 *96010
See also Advertising; Periodicals; Publications; Radio; Television; and under specific subjects.
Public utilities 83132
France *27475
Public works
Germany *19356
Publications 55338 *10660
See also Bibliographies; Books; Periodicals; and under names of authors and issuing agencies.
Puccinellia 38430
Puccinia 56327 64502 *72477
corn *38745
Italy *47591
Pedicularis 72476
Salvia 47332
Switzerland *28698
taxonomy 47332
wheat *38745 *47543 *72738
Puccinia antirrhini *28959
Puccinia aristidae 89650
Puccinia asparagi 56512
Puccinia baldensis *28679
Puccinia carthami 56552 89578 *56477
Puccinia coronata *47579
Puccinia coronata avenae 12424 38669
Puccinia glumarum *11944
Puccinia graminis 19965 89440 *38703
grain *19971 *28862
rye 81246
wheat *381 *410
Puccinia graminis avenae 81585
Puccinia graminis lolii 56572
Puccinia graminis tritici 11843 56575 89638 *506 *28957 *64517
Puccinia hordei-maritimi *56511
Puccinia invenusta 72515
Puccinia menthae 404 72732
Puccinia polysora 56547 *64470
Puccinia psidii *56466
Puccinia rittneri *89450
Puccinia schelliana *28877
Puccinia simplex *28963
Puccinia sorghi *64435
Puccinia tombeana *28875
Puccinia triticina *11864 *11896
Puccinia xanthii *47540
Puermytrans n g *25083
Puerperal collapse 42239 *51198
Puerperal septicemia *60460
Puerto Rico Dept of Agriculture and Commerce 80732 *11200
Puerto Rico Federal Experiment Station 28357 38315
Puerto Rico Serv de Conservación de Suelos *21950
Puerto Rico University Agricultural Experiment Station 65267
Puerto Rico University College of Agriculture Extension Serv
publications *80733
Puerto Rico Water Resources Authority 31148
Pulex penetrans 52889
Puliciphora *85773

*Text of this reference is not in English.

Item

Pullea 56245
Pullet disease. See Avian monocytosis.
Pulleys *22467
Pullorum disease 33265
60142 *51640 *76818 *76836
*92984 *92998
Argentina *42659
conferences and congresses 15849
control 5347 *5391
Austria *93028
Massachusetts 33310
New York 15808
diagnosis 5334 15918
51644 *33313
ducks 33265
France *5344
Gt Brit 84262
history 15826
prevention *84867
research *23924
Southeastern States 5324
Spain *76824
treatment *68063 *84867
turkeys 23986 33265 60187
76812
Pullus 43451
Pulmonaria *64210
Pulmonaria officinalis obscura *89355
Pulmonary emphysema 15688
42168 76340 *15424
Pulp and paper 3743 14045
32086 41517 41518 41563
50550 67161 75620 75631
83606 *32066
alkali 14942 22663 92103
*92097
ammonia sulfite 83605
analysis and composition
41505 41622 41627 41638
59082 83620 *32155
associations 59055
India 32083
bibliographies 3742 67175
83630 *32089
bleaching 3685 3725
3729 22659 32104 41508
41519 41551 41552 59051
83619 83623 *14924 *41544
Canada 41533 75591
*14893
chemical 32105 59072
59076
chemistry 3678 3699
3736 14909 14936 41575
75604 75615 75694 83599
83607 *14905 *14927 *50527
*50552 *50618 *59085 *59129
*75600 *92096
cleaning 41532 41549
*14886 *14923
directories 3721 14916
41557 50561 92112
Norway *3697
disinfectants *3700
Europe 75578 83600
France *14925 *32096
fungus relations 14902
*14915
Gt Brit
Wales 41542
groundwood 3687 3695
15018 15032 22658 32056
32099 32105 32111 41510
41552 50546 75616 75628
83601 83603 83608 83613
83620 83623 92092 *14899
*83628
bleaching 50549
equipment 41574 *3720
*14903
history 41529 *92089
Canada 41561
China *67184

Pulp and paper--Cont.
history--cont.
Germany *67171 *67172
*67178
Netherlands 14941
Pacific Northwest 75574
industry 14934 22666
22669 41525 41567 41570
50529 50563 59065 59069
67164 67169 67170 75584
75630 91606 92108 *3747
*32066 *32068 *41550 *75632
Amazon Valley 50540
Australia 14890 41504
Austria *14699 *41566
*50547
California 41526
Canada 22646 32070
32078 32079 41515 41528
41534 41537 41559 41531
50405 50536 67155 75592
*32068
Chile *92107
conferences and congresses 50557
Europe 67151 75577
*3702
Florida 32112 41519
Germany *22661 *50542
hazards and safeguards 32109
India 59079
Japan 50539
Louisiana 92099
Netherlands 41572 67176
New York 59075
North America *3682
Oregon 75594
Southern States 3733
22660 41503 50524 50551
Texas 75608
Italy *22654
manufacture 3713 3728
14910 14917 14937 14945
22657 22667 32086 32100
41512 41516 41539 41541
41548 41554 50528 50537
59053 59054 59057 59064
67152 75575 75579 75585
75607 83610 83616 83617
92104 92112 *3693 *3704
*3718 *3747 *14894 *14895
*14923 *14932 *22671 *50573
*67158 *67174 *75633 *83615
Canada 67156
costs *67163
equipment 3714 3715
3744 14912 14918 22640
32103 58899 59080 59081
67167 *50538
Finland 83624 *32107
India 59050
Japan 41565
materials 3683 3684
3692 7478 9046 14889
14921 18836 22649 22651
22657 26726 32071 36007
41364 41506 41507 41568
45173 50558 54492 59049
59050 59056 59068 59083
70707 70735 75587 75609
78746 79545—79547 79558
79569 79920 87196 87532
95483 95549 *3707 *3727
*14823 *14911 *14913 *14931
*14939 *32084 *32085 *32110
*50574 *54089 *54479 *67159
*87579 *88062 *88080
Amazon Valley 50540
Belgian Congo *22648
bibliographies 54915
Colombia *59052
France *3686 *14925
*32098
India 14892 75580 83604
Japan 41565 *92093 *92098
Netherlands 79548

Pulp and paper--Cont.
materials--cont.
Tanganyika 14898
Union of South Africa 3691
microorganisms *417
policies and programs
Southern States 14922
prices *67173
properties 3677 3678
3687 3690 3703 3713
3731 3740 3745 22652
22670 22677 32065 32156
32165 41502 41510 41617
50526 50533 59057 59073
75641 83602 83609 83614
*3681 *41522
quality 3689 3746 41547
59077 59081 75626 92111
*50538
requirements 83626
research 3680 22644
41569 50562 59061 *50622
*75627
Canada 32075 41560
75619
Southern States 14922
statistical methods *14886
semichemical 14900 22672
32105 41502 41521 41546
41620 50569 59070 59076
67168 67177 *14933 *75597
*75617 *92095
soda process 3694 67183
75636
statistics 32063 32064
50544 50559 50565 50566
75631 75638 *14887
storage 14902
study and teaching *14944
Canada 31376
Sweden *3698
sulfate 3685 3687 3694
3711 3725 14896 22655
22658 22665 32087 32088
32095 32101 41508 41510
41553 50553 50558 50560
59051 67154 67162 75618
75642—75644 83614 83621
83622 83629 92094 92105
92113 *3738 *14938 *22650
*50532
sulfite 3676 3696 3729
22650 22652 22656 32069
32077 32082 32093 32164
41514 41556 50534 50554
50567 59077 75593 75595
75623 75639 *3701 *3735
*14905 *14924 *32080 *50523
*50535 *50545 *50555 *50568
*59067 *75599 *75603 *83619
Sweden *75406
terminology 3679
testing 32065 32090 41509
41545 83611 *41511
trade
Sweden *75589
utilization *14913
viscose 3706 3739
waste 14921 50564 59098
*75606
yields 41547
See also Pulpwood; Sulfite liquor; and subhead paper and paperboard under Containers and names of containers.
Pulp and Paper Research Institute of Canada 32075
41560 75619
Pulpwood 41331 41357 41564
41569 59062 *41543 *50474
*59066 *75598 *75629 *75632
*75637 *92106
Alaska 14901
Arkansas 3726 41562
bark removal 22673 32095
41524 41531 41535

Pulpwood--Cont.
bark removal--cont.
chemical 14919
Canada 75206 75396 75586
*75598 *92110
care and handling 22643
32093 41530 41547 50548
50570 59060 75590 75596
France *67045
Chile 22668 59078
chippers 3716 22647
22673 41530 83631
chipping 32093 59077
*22662
chips 22645 22649 22664
41553 75590
damage 85390
decay 32091
equipment 22647 41540
Europe 75612
Finland *14929 *14940 *83618
*92102
Formosa 83627
France *59059
Germany *92109
grading and standardization *50531
grinding 32072 32081
41520 *14903 *41522
hauling
equipment 22479 32092
labor 75426
Lake States 14907
Latin America *67165
loading 3566
logging 91950 92104
measurement 14550 41169
75212
Mexico 67211
Michigan 22653
moisture *14899
New York 59075
Pacific Coast 3709
policies and programs
Southern States 14908
prices
control 75640
processing 75583
*75582 *75599
Canada 22498
properties 3676 67041
67216 *75598
quality 22675 32095 83625
*14930 *67158
requirements 75621
situation and outlook 41523
41558 41573 75620 75622
75635 92087
Europe 50543
France 75610 *32074
New York 3719
Pacific Northwest 75611
Southeastern States 14935
14943
Southern States 92091
statistics 41525 50544
50566 92090 *92109
storage 3741 32091 *14928
*14930 *59067
Tennessee 32097
Tropics 41536 59050 59056
59063 59074 59083
utilization 75605
Virginia 14926
Washington 50525
West Africa 59076 *75415
Wisconsin 22675
yields 22675 32095
See also Pulp and paper.
Pulpy kidney. See Enterotoxemia, sheep.
Pulque *7749
Pulsatilla slavica *28594
Pulse. See Legumes.
Pumice 56871 74454
Pummelos 82197 *25993
*81348

*Text of this reference is not in English.

Item

Pumpkins
analysis and composition 54233
anatomy and physiology 56839
culture
Australia 65890
India 49138
diseases 81247
for canning 54233
forage plant *20687
genetics 64684
New Zealand 21250
pests 24760
processing 8852
varieties 2238
Pump houses 94411 94418
Pumps 44345 53371 94486 *17997 *25421 *35194 *69207 *86494 *86509
types *53369 *53370
See also under Irrigation.
Punch cards 41169 *41148 *41155 *74982 *75167 *75194
Punjab Veterinary College 92318
Purdue Supplement A 67536 67584 84162 84182
Purdue University 1559 6941 46666 84775
Engineering Experiment Station 69065
Poultry Dept 60039
Purine derivatives 56856 73185
Purines 47644 73220 90137 *78281
Purple blotch
onions 47588 47589
Purple granadilla 64477 90584
Passiflora *85980
Purple scale. See Lepidosaphes beckii.
Purple stain
soybeans 64467
Purple top wilt
potatoes 93955
Purpura haemorrhagica
cattle *15465 *51965
Purpuricenus budensis *85664
Pusey P 56019
Puss caterpillar. See Megalopyge opercularis.
Putoniola *68863
Puutekniikan Tutkimuksen Kannatusyhdistys *75517
Pychnoderes *68807
Pycnarthrum *6432
Pycnidiochaeta n g *28671
Pycnometers 44729 *30726 *66155
Pycnosphaera *64191
Pycnosteanus azaleae 383
Pycreus 47267
Pyelonephritis 4645 4715 *23342 *59700
Pyemotes ventricosus 6730 16485 *34189
Pygaerinae 17036
Pygidicranidae 43913
Pygmephorus 85562 *93731
Pygolampis *52677 *68863
Pygophora *93863
Pylaiella 11557 12158
Pylorospasm 84517
Pyosepticemia 59940
Pyracantha 40107
Pyralidae 78125 *94124 *94134
Pyralis 94122
Pyrausta ainsliei 68972
Pyrausta nubilalis 6752 6757 12194 16604 17059 25084 34640 43553 68972 81838 94058 94068
anatomy and physiology 68946

Item

Pyrausta nubilalis--Cont.
control 6759 43860 52539 61197 61230 61243 68952 68971 68990 78171 86000 94050 *52789 *68989 *78097 *94085
diseases 52828
Iowa 52840
larvae *78059
Minnesota 43822 43824 43826 78160
parasites 17111 34616 43571 43791 68670
populations 68922 94118
Ohio 94118
research 6771
situation and outlook 43754
Pyrausta turbidalis *78084
Pyrenochaeta terrestris 56820
Pyrenomycetes 11612 72487 72728
Pyrenone 24423 52165 93392 *68384 *85439
Pyrenophora *72498
Pyrenophora bromi 47480
Pyrenophora teres 72753
Pyrethrins 6040 16802
adjuvants 24453
analysis and composition 16185 68500 *93551
chemistry 68482 85456
determination *24463
household pest control 43878 52855
radioactive tagging 85456
synergism 52183 60543 *93924
See also Pyrenone.
Pyrethrum 12120
analysis and composition 6073 16266 16281 *24463
application 68390
chemistry 16280
containers 77286
decomposition 77286
grain pest control 16227 17060
insecticides *85381
residues 87662
situation and outlook 68516
synergism 6051 24840 33926 60903 68651 68760 77843
tests 16227 16261 68417
Pyrethrum (Plant). See Chrysanthemum cinerariaefolium.
Pyrgomorphella arachidis 6844
Pyrgomorphinae 6840 6876
Pyrgostroma n g *72507
Pyrgus (alpina group) *78057
Pyrgus alveus *17022
Pyrgus freija 17106
Pyrgus malvoides *61148
Pyrgus reverdini 43859
Pyridine 23634
Pyridoxal phosphate 48181
Pyridoxine
determination 69568
effects on plants 12240
in animal nutrition *23519
in food *89059
in plants 64759
in poultry nutrition 23791
in swine nutrition 85214 *43043
Pyrilla 61060
Pyrimidine 40530
effects on plants 73220 90137
Pyrites 49442 58550
Pyrogallol 36689
Pyrogens *75825
Pyrolan. See Compound 22008.
Pyroligneous acid *59088
Pyrolysis *83664

Item

Pyronema confluens 81125
Pyrota riherdi 85626
Pyrrolidine *24456
Pyrus. See Pears.
Pyruvic acid 29480 67897 76096 *6890
Pyruvic acid oxime 66209
Pythiaceae 11733
Pythium
beans 28864
grain 89676
lettuce 38689 *47470
lupine 81305
Papaver 64406
peas 64406
potatoes 520
red clover 64438
Pythium aphanidermatum 457 11867 56533 *20038
Pythium arrhenomanes 11847 64453 64473 72695 72713
Pythium de baryanum 11814 64433 89610 *11957
Pythium graminicola 38756
Pythium irregulare *19996
Pythium ultimum 72779
Pytho depressus *34301
Pyxanthera barbulata 2045
Pyxidicerinus n g *77727

Q-137 See 1, 1-Dichloro-2,2-bis (p-ethyl phenyl) ethane.
Q fever 41829 *4147 *4183
cats 42357
cattle 23340 51229 *4561 *76244 *84359
diagnosis *4132 *15133 *23363
dogs *92730
France *83839
goats *33601
Italy 15141 *3975 *3995 *4132 *23042 *75957
Madagascar *84359
man *4561 *51156 *85094
poultry *84845
research 42357
San Marino *3976
sheep 23363 24147 51839 *24175 *24176 *33601 *85095
transmission 34163 *4175 *4561 *24675 *50913
Turkey *4064
Quackgrass. See Agropyron repens.
Quadraceps 52904 69052 78293
Quadraspidiotus. See Aspidiotus.
Quadraspidiotus perniciosus. See Aspidiotus perniciosus.
Quail 42665 *76855
Quail disease. See Ulcerative enteritis.
Quaker Oats Co 32901
Quamoclit *73071
Quarantine and inspection. See under Plants and names of plants; and subhead regulation and inspection under other subjects.
Quarter evil. See Blackleg.
Quarter ill. See Blackleg.
Quaternary ammonium compounds 7635 4497 69570 69573 79093 94759 *7592 *26000 *53957 *70254
fungicides 11821 *379 residues 53875
Quaternary ammonium salts *50922
Quebec Agricultural Research Council 91052
Quebec Ministère de l'Agriculture *55991

Item

Quebec Ministère de la Colonisation *63598
Quebec Off du Crédit Agricole 18882
Quebracho *14984 *49338
Quebracho extract 14951 32117 83638 83643
Quedius *52446
Quedius molochinus 85655
Quedius pallipes 85655
Quedius subfuliginosus *85618
Queensland Agricultural Bank 37120
Queensland Beekeepers Association 85514
Queensland-British Food Corporation 43107 71471
Queensland British Food Production Scheme 55248
Queensland Bur of Sugar Experiment Stations 29860 90466
Queensland Cane Growers' Association 36948
Queensland Dept of Agriculture and Stock 38179
Queensland Dept of Public Land 46419
Queensland Director of Forests 3248 66820
Queensland Land Administration Board 46419
Queensland Land Tax Office 18921
Queensland Meat Industry Board 36531
Queensland Pig Scheme 5867
Queensland Society of Sugar Cane Technologists 90582
Quercetin 41580 *81619
Quercus 409 3455 7147 50287 59125 *14953 *22582 *47225 *50582
anatomy and physiology *3442 *13807 *20352 *20376 *20377 *29363 *31687 *31758 *39089 *39092 *56851 *56884 *56901 *64813 *73006 *89967 *89992 *91762
Central America *89327
control 75265
culture
Luxembourg *58767
Sweden *58763
U S S R *3437 *22305 *22361 *31624 *31625 *31636 *50274
Denmark *14548
diseases 519 20002 20003 26607 28845 28848 28954 28965 38672 38749 38771 41254 47521 56495 56502 56513 56555 64410 64469 72636 72668 72669 72726 81214 81239 81307 89444 *460 *14440 *20046 *38673 *38751 *47583 *81163 *81267 *89577 *89675
Germany *3493 *28889
Illinois 28849
India 38557
Maryland 28961 72751
Michigan 11923 20051
Pennsylvania 89592
Poland *81276
transmission 93479
U S S R 81287
fertilizers *22323
France *3416 *3419 *31526 *89767 *91668
genetics *26177 *31723
Germany *50214 *75183
Gt Brit 41226
growth 15001 *22305 *31624 *31666 *58793 *58823
Denmark *75280
U S S R *41221

*Text of this reference is not in English.

Item

Quercus--Cont.
hybrids 11439 73069 *31723 *90826
identification 59125
India 56278 56279
Iowa 3395
Italy *19812
Lake States 91742
Mexico *89327
Michigan 14553
pests
Gt Brit 86014
U S S R *22367 *22378 *24375 *52043 *75331 *94114
planting *50323
U S S R *3434 *3438 *3442 *3444 *3456 *3466 *3470 *22330 *22334 *31691 *31697 *31706 *31711 *31720 *31722 *31736 *31747 *41220 *41221 *41232 *50351 *50352 *58819 *58823 *58831 *83402 *91772 *91858
propagation *29177
seedlings *22361 *31747 *90121 *91846
seeds *24375 *91825
soils 14553 *21558 *41220 *50274 *66165 *91778
France *20132
U S S R *41232 *58819
Sweden *3307 *91861
taxonomy 47238
Texas 11490
thinning 41204 50300
U S S R *22217 *31670 *56884 *58736 *58808 *58811 *58851 *91683
varieties 14496
wood 3612 3815 67082 75645 92123 *3631 *22686 *41454 *92158
Quercus aegilops *41120
Quercus alba 22291 40268 66883
Quercus alvordiana 73084
Quercus borealis 75257 *20044 *41181 *72629 *83374
Quercus borealis maxima 22749 56944 *22220 *58711
Quercus dumosa 56255
Quercus gambeli 61123
Quercus iberica *57623
Quercus ilex *47533
Quercus ilicifolia 41554
Quercus kelloggi 2013
Quercus laevis 32100 41535
Quercus macrocarpa 41130
Quercus macrolepis *72953 *73170
Quercus marilandica 3421
Quercus muhlenbergii 650 31542
Quercus nigra 41651
Quercus palustris 57764 *22749
Quercus petraea 14446 *14458 *83374 *91824
Quercus phellos 12312
Quercus robur 22749 *14458 *31718 *56662 *64592 *91824
anatomy and physiology *31630
Spain *72915
Sweden *83374
U S S R *22218 *47703
Quercus stellata 3421 39581 57995 82092
Quercus suber 22702
anatomy and physiology *72951
Argentina *3292
injuries *14653
diseases *3488
Portugal *22208
propagation *22356

Item

Quercus suber--Cont.
Spain 75141 91684 *31533 *41125 *66873 *83303
Quercus variabilis *50277
Quercus virginiana 14451
Quick decline, citrus. See Tristeza, citrus.
Quiina *28590
Quillaja *75333
Quinacrine hydrochloride. See Mepacrine.
Quinces 38775 *670 *1774 *1783 *48806 *79337
Quinic acid 39236
Quinoa *21350
Quinones 11849

Rabbethge & Giesecke Saat-zucht 82164
Rabbits 33519 *5513 *5597 *19612 *24106 *24758 *33510 *33516 *50958 *68190
advertising 5606 87768
age *42875
analysis and composition 0250
anatomy and physiology 5589 15956 33061 85012 93120 *15947 *24098 *24101 *42855 *51753 *60272 *60295 *85019
as pests 11158 11212 11213 28821 72564 75359 *22378
Australia 324 5605 34416 64309 80734
Austria *47421
Gt Brit 64376 75363 89103
New Zealand 42882 68193
associations
Austria *5592
Germany *42859 *76935
breeding 5554 5557 5565 24087 24092 24093 33520 42844 42846 42870 51748 60285 68175 68177 68179 76931 85002 85003 85012 93116 *33493 *42854 *51751 *51756 *60272 *60278 *60282 *76933
Belgium *85004
California 5552
effects of feeding *5562
Germany *5555 *15946 *24089 *33489 *33495 *42850 *42851 *42856 *42857 *42863 *42866 *42871 *60283 *60290 *76935 *85006 *85008
Gt Brit 5564 5567 76937
hybridization 60288
inbreeding *5562 *76930
New Zealand 5549
Spain *42864
breeds 5561 24093 33488 42873 42881 51748 *5556 *15944 *33515 *42855 *51751 *85008
Angora 5546 5548 5553 5606 15945 42865 85002 85005 85010 85035 *15944 *24089 *24090 *33490 *33494 *42852 *42854 *42857 *42868 *42874 *51750 *51752 *51754 *60273 *60274 *60279 *60280 *60286 *60287 *68176 *76935 *76936 *76951 *76954
Beveren Blue *76933 *85004
California 33487
Champagne d'Argent 5566 15950 15951
Checkered Giant 93115 *42845 *60276 *60277
Chinchilla 24086 *15947 *33491 *42872

Item

Rabbits--Cont.
breeds--cont.
Creme d'Argent 42862
Flemish Giant
White *60284 *60291
Giant varieties *42847 *60275
Havana *51749
Hermelin *42850
Japanese *42860 *42861
Lop *33486
English *33495 *76939
Marburger Feh *15949 *42871
Moor *85011
New Zealand 5549 5551 5559 5564 51755
Red 5560 5563 42867
White 5558 5567 *42860 *42861
Rex 68178
Beaver *24088 *42851
Russian *76932 *76937
Silver Fox 60285
Silver varieties *24091 *51754
Spanish Giant *42864 *60289
Vienna
White *42869
California 5598 95847
care 5595 5602 15961 42865 42883 51771 60298 68187 76947 76948 85015 *5596 *24090 *24109 *33509 *33513 *51751 *51770 *60300 *60303 *68176 *68194 *76950 *93121
Germany *33514 *60293 *60302 *76954
U S S R *33517
color 5552 33488 42867 *42874 *60282 *76933 *85004
cooperatives 5548
diseases 15953 15955 24904 51762 85028 *5579 *33516
estrus 5554 85023
farms and ranches 51769 68180 85034 93122
feed relationships 68181
feeding and nutrition 5568 24094 30509 68180 85007 85015 85017 *33498 *42875 *42876 *51753 *51758 *51759 *85014 *85016 *85018
Austria *5569
Germany *33497 *42630 *42847 *51754 *51760 *60292 *60293 *85013
fertility 15948 15954 15957
fur production *24088 *76951
genetics 51757 85012 *5583 *15047 *24101 *33492 *42855 *42858 *42874 *51756 *60281 *76934 *76937 *85009
Germany *33490 *36506
growth *42878 *85014 42888
Hawaii 76948
home raising
housing 7323 33511 68188 76944 78586 85022
Austria *78613
Germany *42847
hybrids 42881
identification *33508 *42848
industry 5599 54556 *18521
California 68195 76949
Denmark 95221
Gt Brit 33518
Italy *9213 *70797
Ireland 24108
Italy 5603
judging 15950 85033 *5600 *24099 *42884 *60299

Item

Rabbits--Cont.
lactation 5577 85020
marketing 9270 62838 95276 95278
meat production 5546 24107 68180 68181 85015 *85014
effects of breeding 85005
Italy *60303
nutritive value 19567
mortality 5585 24102
Ozark Mountains 33512
parasites 5582 24105 76944
parturition *5578
pedigrees *42849
pests *43909
poisoning 51761 68182 *33505 *49296
pregnancy 5570 42881 68185
processing 79746
records and testing 85031 *42868 *60279 *60287 *76936 *76952 *76953
Germany *42886 *60280
regulation and inspection 18715
research *51765
New Zealand 68193*
selection 42846 68177 85003 *51752 *60274
shearing *33494 *51753 *60286 *85035
shows *5604 *33513 *51770
situation and outlook 5599 *54582
Canada 70824
Germany *26788
skinning *42885
slaughtering 68191 *42885
Spain *42887 *60297 *68186
sterility 42843 85007
studbooks *42848 *42886
transportation 36567
types *24098
U S S R *33515 *33517 *34740 *68189 *68192
vices 85016
watering 33520 44381 53282 *76940 *85018
weight and measurement 15959 24104
wool production 85005 *42853 *42854 *51752 *60273 *60278 *60280 *60287
See also names of anatomical parts, diseases, parasites, and products; and under Artificial insemination; Blood; Castration; Embryos; Fetus; 4-H Clubs; Future Farmers of America; Ovulation; Semen; Sex.
Rabela n g 85884
Rabies 4199 41887 59278 59373 67374 75830 75852 83966 *59345 *67360
Algeria *59321
California 83875
cats 76563
cattle 42250 *4712 *15490 *23300 *32727 *51191
control 4125 4218 35294 59403 75870 83868 83954 84545 *32365 *59285
California 75865
Montana 41910
U S S R *32383 *67391
Virginia 23031
diagnosis 75870 83862 *32420 *41768 *83822
dogs 4894 51389 59865 *4893 *23506 *23517 *42389 *59844 *92758
control *23514 *32938 *42387

*Text of this reference is not in English.

Item

Rabies--Cont.
dogs--cont.
immunization 84518 84545 *23497 *59848 *67819 *76550 *84559
Montana 76563
Philippines 4878
prevention *84534
Virginia 76560
French Equatorial Africa *75843
foxes *84578
Georgia 4188 92349
Germany *32325 *67427
immunization 4189 15195 32330 50858 *22970 *83951 *92758
legislation
Austria *42389
man 51389 *32365
Mozambique *23027 *59391
sheep 15994 *15993
Spain *50919
statistics 50916
swine *77103
vaccines 4189 67819 *4095 *15993 *51378 *59352 *83937
virus 4189 5122 15994 41778 84518 *4095 *50873 *59844 *83937
Raccoons 32987 *9286 *59895
care *76605
Rada. See Rosin amine D acetate.
Radar 80806
Radfordia 6370 *6383 *43399
Radfordiana n g 93733
Radiant heating 17531 35180 35181 44030 44037 61672 78676
Radiation 35406
effects on dogs *76548
effects on insects 16753 24987 93506 *6011
effects on livestock 41858 51383
effects on plants 12179 12451 39211 47839 56773 64698 64844 64869 73150 73226 81628 81694 90052 *863 *884 *20329 *29949 *47778 *56768 *64739 *64845 *81634 *89965
effects on poultry *93006
in food processing 44596 53560 69618 69681 69682 69710 78836
See also Gamma rays; Hertzian wave; Infrared rays; Solar radiation; Ultraviolet rays; X-rays; and subhead irradiated under specific subjects.
Radio 7526 8054 8385 57434 *10820
Brazil *95958
in agriculture 6930 12758 28022 69504
in forestry 31794 31795 91872 91880
in lumbering 14744 14748 22476 50431
Italy *25793
Oklahoma 63762 80447
programs 19339 37892 46641 80487 80522 *80514
Canada 88745
Gt Brit 37801
statistics 28011
U S S R *53364
Radio frequency. See Electronics.
Radioactive substances 22817
effects on livestock 67429
in agricultural research 28362 51517 *28373 *56108

Item

Radioactive substances--Cont.
in entomological research 68375
in textile research 26343 35952
tracers 5884 11409 12249 12506 20415 23844 23859 26656 29423 30766 30781 33294 34409 39177 39210 43621 47939 48059 48086 49645 49775 50886 51956 58232 58279 59300 66390 72252 73239 76779 85802 90136 91307 *959 *2587 *5306 *11320 *12238 *12361 *19622 *24466 *29255 *29369 *44406 *49685 *56110 *63973 *64089 *74571 *75704 *81639
in food processing 25725 69695 78779
See also subhead radioactive under names of elements; and radioactive tagging under specific subjects.
Radiodiscus hispidus 89437
Radiography 807
Radiotelephones 3513 44367
Radishes
anatomy and physiology 72996 *12330 *64714
breeding *13466
diseases *72687
genetics *64675 *89912
Japan *82529
pests 68742 *94038
Union of South Africa 65126
U S S R *62624 *90948
varieties *82499
Radium
in plants *56973
in soils *56973
therapeutic use 4197
Raevskii A A *38216
Raffinose 45977 79932 95480 95487 *29455 *63097
Raffrayia *85647
Ragadia 78077
Ragimillet 40924 66385 89891
Ragnhildiana *28707
Ragweed. See Ambrosia.
Ragwort. See Senecio jacobaea.
Raillietina cesticillus 23938 42679
Railroads 10279 75505 83550 *66984
and forests 66988 *22501 *31900 *41355
Colombia *3219
Germany *66991
Chile *91922
Germany *92029
Italy *8731
Mexico 79922 *36311
Peru *61779
See also Freight cars; Freight rates; Railway ties; Refrigerator cars; and subhead transportation under specific subjects.
Railway ties 3643 3644 3647 14787 14831 14832 32183 50558 58999
loading 3640 3645 50500
marketing 3638
Missouri 32018
preservation 3610 3617 3637 41409 41420 41425 83548 *83543
Canada 31978
Indonesia 58977 75497
Poland *67094
situation and outlook 32006 32010
Tennessee Valley 14833
U S S R *22455 *41463

Item

Rain forests 28529 *89791
Raindrop erosion 21919 31201 49964 58528 66590 74844 83069 *3100 *66626
Rainfall. See Precipitation.
Raisins
grading and standardization 95081
industry
Australia 19189 36254 36255 37616
Union of South Africa *36137
Israel *79341
marketing 70554
Cyprus *8916
policies and programs 70518
situation and outlook 18214 54215
Australia 8642 8879
trade
Australia 36304 38023 38035
Rakaia 93708
Rakes 7100 53066 53119 78465 91879
Ramann E *38207
Ramie 8480 87307 *8513 *70451
analysis and composition *36090
Argentina *20620
culture *3905 *20615 *20628 *35997
diseases
Philippines 11775
feed *3905
fertilizers 82823
Florida 1277 45133
industry *18064
Portugal *81898
processing *8558 *20628 *35988 *35997
situation and outlook *35997
utilization *79287
Ramikal *41715
Ramiosiana *34468
Rammed earth. See Buildings, rammed earth.
Ramon G *22942 *23314 *42117
Ramonda nathaliae 56267
Rams *5684 *15981 *33526 *35569 *93128
Australia 85067
Canada *24115
diseases 5687 *24156
fertility 5615
Germany *15987
records and testing 51786 93140
selection *24122
shows
Germany *68211
Iceland *77028
Norway *76970
sterility 68222
U S S R *33536
weight and measurement *76970
Ramularia 28719
Ramularia bellunensis *11790
Ramularia ligustrina *47569
Rancho Santa Ana Botanic Garden 38375
Random Sample Poultry Test
New York 42782
Range Bull Project 92496
Range-Livestock Champion Contest 57231
Ranges 3892 29764
Angola *67249
appraisal 22408
bibliographies 12835 48554 50140 82085
British Guiana 82022
California 82020

Item

Ranges--Cont.
Canada 23329 36504
conservation 1386
fires 31791
grazing 19211
history *9242
Intermountain Region 21619
leases 19211
management 1371 12724 12733 12842 14020 20639 20709 20727 22408 23248 29682 29693 29778 29779 29804 29806 31814 39451 39489 41046 47034 48430 48458 57217 57231 57232 57267 57289 57348 58887 65122 65170 81944 81979 84218 90410 90417 91010 *1450
Alaska 29753
Arizona 82031 90427
California 1379 1396 48486 73627
Great Plains 65217
Greece 82026
Israel 82030
Japan 81968
Montana 1452 82082
Nevada 39482
New Mexico 57195
research 41072
Texas 57277 73608 83784
Utah 1399 12775 57202
Washington
Wyoming 48403 91472
Nevada 12745
planting 1462 12718 12744 20728 23248 29788 41046 57347 65216 82583
California 12799
equipment 17328
Montana 82069
New Mexico 20645
Washington 48426
Western States 39477
policies and programs 20731 75045
recreational use
Arizona 82031
research 20737 29070 29818
soils 21725
South Dakota 92541
surveys 67002
aerial 75210
terminology 90337
Texas 57328
Utah 73641
weed control 40263 40273 40285 49240 57915 57932 65998 74238 74335 82566
Canada 49329
Texas 49314 82541
Wyoming 49280
wildlife relations 41274 41696
Wyoming 81936
See also Grasslands; Veld; and subhead feeding and nutrition, pasture and range under Livestock and names of animals.
Rangitoto sandy loam 21608
Ranikhet disease. See Newcastle disease.
Rantus 24742
Ranunculaceae *11420 *89326
Ranunculus 72425 *74376
control *49323 *82581 *82587
Ranunculus acris *74281 *76295 *91055
Ranunculus ficaria 38982
Ranunculus fluitans 89851
Ranunculus hillii *89326
Ranunculus lapponicus *38462
Ranunculus pronicus *56244

*Text of this reference is not in English.

Item

Raoulia 82375
Rapanea *72372
Rape 43341 *2456 *21447
Austria *1484
culture 39584 *1406 *39541
*65234 *81953
Denmark *20652 *40333
diseases *56368
Sweden *365
feed *3932
fertilizers
Switzerland *12752
Finland *1509 *19154
forage plant 76164 *57290
*65234
France *12803
Germany *73574 *82062
Russian Zone *90460
harvesting *1421
history *29499
pests 52450 *16874 *56368
*77671 *85414
Germany *16220 *16562
*16828 *43418 *68391 *77860
*93767
Sweden *365
pollination *77586
prices
Germany *87825
seeds 39584
India 18636
Sweden 90446 *365 *12853
Switzerland *12752
varieties *3932 *39541
Rapeseed meal 84798 *4487
*50710
Rapeseed oil 9503 *45767
Raphanus raphanistrum 74244
Raphia *40344
Raphiolepis 21132
Rapidorm *24290 *92352
Rapites *85871
Raspberries
anatomy and physiology
*20333
breeding 1848
culture 30129 *48857
Argentina *39875
Austria *20979
Denmark *13103
Missouri 39880
Sweden *73866
diseases 539 546
792 11946 19994 28988
38770 38788 47520 56592
60966 72833 *11993 *89664
Germany *81251
Gt Brit 72832 89548
Netherlands *38670
Washington 72846
flavor and odor 87352
for processing 1812 57579
frozen 95117
grading and standardization
79454
Gt Brit 20966 39881
harvesting
equipment 53075 78441
injuries 89517 90025
pests 60966 93965 *16842
*52389
Gt Brit 52092
planting
Netherlands *21000 *34202
spraying and dusting 38624
U S S R *39906
varieties 14171 30086
48856 57593 73863
Gt Brit 30139 90698
Michigan 73867
Minnesota 48883
New Zealand 22013
Ohio 57579
Oregon 57600
Switzerland *39888
Rationing
Gt Brit 35351

Item

Rats *19612 *72531
and disease *4164
control 296 11163 11169
11181 11183 11209 11213
11689 19628 24041 38158
38192 38193 47025 56005
60608 63983 56375 72159
86635 87638 89094 *11157
*11208 *19598 *28276 *47020
*47024 *55990 *63959 *63967
*66090 *68655 *72157 *80728
*85386 *96169
Cyprus 11727
France *28258
Germany 28270 *38154
*55966 *55995 *56412 *56413
*56414 *80731
India 72613
Java *19917
Mexico *81147
Nebraska 28266
Netherlands *96182
Northern Ireland 47022
Portugal *28259
Sweden *80705
parasites 16487
pests 17154 24905 25121
68423 69030 78270
67146
Rattan *67411
Rattenhuber E *82565
Rauwolfia canescens 56327 72514
Ravenelia 72516
Ravenelia sessilis 56876
Ravinia 43542
Raw materials 11412 *25589
Colombia *86539
prices 25690
processing *53534 *61853
situation and outlook 44408
78714 80233 *25749
Europe *44397
statistics *25749
trade *72073
Asia 28112
Canada 28112
Gt Brit 38055
U S S R *80181
See also Agricultural products.
Rayadilla
bananas *11633 *56373
Raymondia 6534
Rayon 62371 62426
*70426
acetate 62338 70424 94962
*45236 *79322 *94996
analysis and composition
*8460
consumption 36026
fibers 8578 35999 36034
45240 95002
grading and standardization
36071 54169
history 26385
industry
Europe 36036
India *62416
Near East *70469
Southern States 35975
manufacture 8469 8576
*18089
Argentina *87244
India 70415
processing 87302 *35986
*36016 *70450 *94980
equipment *26372
properties 36001 45159
94937 95002 *94961 *94977
*94986
research 8578 36010
79242
situation and outlook 26336
45159
Japan *70470
Netherlands 36024
spinning 8433 36000

Item

Rayon--Cont.
spinning--cont.
36034 36077 62338 *45135
*70357 *94953 *94978
equipment 26386
*35929 *87221 *94973
U S S R *36051
staple 8433 18096 35940
35999 36052 36077 *18089
*36051
statistics 8539 36026
75683
structure *70448
textiles 26339 26387
utilization 70360 *36062
viscose 8448 8483 22668
26420 45182 50533 50556
54162 59078 70389 70424
79267 79273 87204 87215
94948 *26371 *26393 *26411
*59084 *70352 *70357 *70447
*70448 *87221 *87222 *94940
*94959 *94960 *94986
yarn 36001 *94965
RB-1018 (insecticide) See Parathion.
Reading 10647 19078 19319
37911 55728 63750 95986
*19385
conferences and congresses
19381
Germany *71910
Italy *37802
Reading University
National Institute for Research in Dairying 8017
87091
Real estate. See Farms and farming; Land.
Reapers *34899 *53139 *69240
*78458
Reay Forest 66848
Rebrov A F *64037
Rebutia *13160 *65525
Rechinger H K jr *47312
Reclamation 66270 66515
74717 74754 74768 83039
*74526
Africa 66259
Alabama 74517
Argentina 83045
Asia 31169
associations
Italy *21897 *82991 *83009
Austria *66558
Brazil 82956
California 14062
Canada 40789 91388
Denmark *31117
Europe 66259
financing
Netherlands *27572
France 82966
Germany *10716 *13851
*31163 *58458 *66257 *66526
Gt Brit 2923 2980 15523
21615 27875 30850 49930
58207 58478--58480 83034
*91395
Hawaii 49528
history 74743
Europe *82788
Netherlands *2959
Honduras 83014
India 27762 82789
Ireland 19261 58203 58443
Israel 27756 66566
Italy 2917 2966 2984
7671 14059 *2888 *2953
*2962 *3010 *10126 *10524
*13867 *13885 *14053 *14095
*14096 *31075 *31411 *31426
*35195 *37648 *40567 *49863
*49868 *49881 *49948 *55282
*55286 *58406 *58472 *58482
*66490 *66499 *71758 *74512
*74513 *74748 *74763 *74816

Item

Reclamation--Cont.
Italy--cont.
*82950 *82980 *91264 *91380
*91390 *91406
Japan *30865 *83029
legislation
Sicily *2947
Morocco 82778 *74706
mountain areas
Italy *13852 *13866 *21613
*49529 *66256 *66261 *66268
*66456 *66495 *66510 *74530
*74778 *74788 *82767
Nebraska 14044
Netherlands 14099
31150 46436 74822 82779
82985 *10224 *66563 *74728
New Zealand 13884 55366
North Africa 82966
Pakistan 2920
policies and programs 40806
71781 82795 *30876 *31086
*31125 *31128 *82979
projects 7681
Yugoslavia 14119
Rhodesia 21616
Sicily *30887
Southern Rhodesia 31081
Spain 58204
Sumatra 83013
Switzerland *21901
Texas 14181
Tropics 82770
Tunisia 82793
Union of South Africa 2973
3036 74770
U S S R 82774 *21867 *21884
*31065 *91405
Utah 58400
Yugoslavia 74722
See also Drainage; Irrigation; Land, clearing; Marshes; Strip-mined areas; Swamps.
Reconstruction 27246
Africa *27428
Asia 55007
Europe 37061 46248
Germany *55258
Russian Zone *46215
India 9740 46601
Latin America 27491
U S S R *37363 *37861
See also European Recovery Program; Relief and rehabilitation; U S Economic Cooperation Admin; U S Mutual Security Agency.
Recreation 46655 46679
88828 *80496
Austria *55629 *80540
Denmark 88798
policies and programs 28009
See also Forests, recreational use; and under Children; 4-H Clubs.
Rectal prolapse 4732 84505
*23654 *84666 *92866
Rectofrontia mexicana *78254
Rectum 59839 *23502
Recurvaria milleri 17043
61196 78189
Red alder. See Alnus rubra.
Red-backed cutworm. See Euxoa ochragaster.
Red banded leaf roller. See Argyrotaenia velutinana.
Red cedar. See Juniperus virginiana.
Red clover 21790 48429
*1442 *30660 *33961 *34142
*34143 *82899 *91103
anatomy and physiology
29395 *39046 *73018
bacteria 49472
biochemistry *12774 *20469
costs and returns 95842

*Text of this reference is not in English.

Item

Red clover--Cont.
culture 29672 48547 81834
Belgium *1434 *1435
Germany *48479
Norway *1478
Sweden *1326 *1327
U S S R *29782 *39516
directories 18748
diseases 38691 64438
Germany *56454
resistance 408 11778
38636 *598
U S S R 89631 *439
West Virginia 89494
fertilizers *49554 *49582
*49583 *74538
forage plant 95842
France *65159
genetics 64673
pests 6404 16202
Germany *56454
West Virginia 89494
planting *48457
pollination 6323 77353
77582 *16364 *24514 *24605
*68903
seeds 29732 57273 65101
77582 81989 *48522 *63078
Finland *88021
grading and standardization *9619
Italy *20644
Ohio 39487
quality *57286
Scandinavia *88021
treatment *64732
U S S R *34837 *65113
*81966
Yugoslavia *90358
U S S R *29724 *48552 *90370
varieties 20660
29771 38636 48406 *1391
Maryland 39508
Sweden *39497 *73552
*81929
Red flour beetle. See Tribolium castaneum 16610
Red harvester ant. See Pogonomyrmex barbatus.
Red-headed pine sawfly. See Neodiprion lecontei.
Red leaf
Erodium 38793
Red leaf spot
Gladiolus 81270
Red-necked cane borer. See Agrilus ruficollis.
Red node
beans 12035
Red pine. See Pinus resinosa.
Red ring
coconuts *20115 *81364
Red rot
sorghum 28906
sugarcane 11939 38662
64409 72626 89457 89589
89672
Red soils
Australia 20719
Italy *40488 *58099
Japan *49504
U S S R *91185
Red spiders. See Tetranychus.
Red spot
sorghum 81288
Red spot mosaic
grain 89730
Red stele
strawberries 434 56569
Reddish Brown soils 13832
91207
Redo potential. See Oxidation-reduction potential.
Redoa 6768
Redoutée P J *11239
Redpeppers
Spain 44713

Item

Reducing sugar 26007 32747
45316 51023 86549 88047
*45593 *63131
Reductase *54595
Reductase milk test *7960
*7981 *35686 *35688 *44798
*44819 *53791 *62084 *69996
*80009 *79038 *86925 *86927
*94756 *94758
Reduviidae 6644 6669
43676 77971 93979 *6691
Africa 85870 *43693 *85869
*85871
Brazil *68849
French Equatorial Africa *77989
Madagascar *68864
Texas 16823
Reduvius 68838 *6691 *68863
Reduvius personatus *52654
Reduvius tarsatus group 68838
Redwood. See Sequoia sempervirens.
Reed W 38198
Reed canary grass. See Phalaris arundinacea.
Reetz *59319
Refinazil *33226
Reflexes
cattle *76282 *92594
Reforestation 3432 14402
41217 58838 83260 *647
*3030 *3239 *31693 *83232
*83398
Africa 41223
Algeria 50383 *91620
Angola *83308
Australia 31438 41141
Austria *3463 *58667
*75065 *83244
Brazil *22307 *27566 *41058
*58655 *83301 *91871
Canada *14367
British Columbia 58650
Ontario 83231
Quebec 14403
Chile *91548 *91857
Colombia *3219 *66821
conferences and congresses *58647 *83230
Denmark *3465 *14603
*41246 *75339
desert areas 3435
East Africa 82601
Egypt *14345
England 3449 10539
Europe *31447
France *31746 *58709 *75069
*75076 *91564
French Guinea *66792
Georgia 31326
Germany *14610 *22270
*31409 *31749 *41186 *41225
*50126 *66804 *75329 *81388
*83241 *91820
Gt Brit 31700 50145 *14391
Scotland 10542 14618
19262 47717
Wales 55302
Great Plains 3450
Haiti *83243
Hungary *29066
Iceland *31728 *91802
India 14596 14597 22341
22343
Indiana 22154
Israel 22146 *20693 *22332
*27756 *91626
Italy 83454 *2705 *2931
*3213 *12748 *31102 *31428
*31449 *53611 *58018 *75047
*77364 *91611
Japan *50146 *50381 *91605
Korea *22141
Louisiana 14594 22349
41286
Mexico *22140 *41222

Item

Reforestation--Cont.
Morocco *58669 *75299
mountain areas *2931 *12748
*31449 *50341 *58805 *75074
Near East *75383
New Jersey 83248
North America 3435
Norway *3239 *14601 *14625
*31553 *58809 *66801 *66802
*91604
Ohio 50326 58642
Oregon 31337
Pakistan 3282 3425
31430
Philippines 41053 41214
83252
policies and programs 41065
91606
Austria *50125
Brazil *22161 *91616 *91619
China 58666
Colombia *3245
France *37448 *41060
*91617
Germany *91622
Russian Zone *91635
Gt Brit
Scotland 31395
Italy *30876 *83236 *83267
Japan *83255
Mexico *50133
Minnesota 91613
New York 50127
Norway *3225 *3232
*3233 *75052 *83240 *91592
Peru *3218
Sicily *3241
Southern States 41064
Spain *66818 *91624
U S S R *22138 *83246
Venezuela *66830
Reunion *41242
Sicily *50323 *50344
Southern States 14589 14622
91810
Spain *3243 *31685 *31734
*41070
Switzerland *58815
Tennessee 14365
Union of South Africa 22333 91608
U S S R *22148 *30148 *31198
*31207 *31212 *31403 *31694
*58517 *58649 *58801 *74843
*75205 *91483 *91488
Venezuela *66610 *66797
*66800 *66803 *66809 *74892
*75054
Wisconsin 3230 14632
22092 22164 66767
Yugoslavia *22342 *41206
*83228
Refractometry 54905 69984
*7761 *44695 *63129 *70989
*78942 *79785 *87887
Refrigeration 25707 25739
86666 94590 94600 94612
*17729 *17964 *25711 *35374
*53549 *75992
Canada *53552
conferences and congresses *44559 *53562 *78825
Denmark *35892
equipment 17974 25716
35403 44611 *35795 *53564
*69694 *86300
France *25736
Germany *53567
Morocco *7606
Norway *35379
France *25710 *25727
French colonies *86658
Gt Brit 69705
history 69693 *70211
home *53539 *53565
industry 61839
New York 69704

Item

Refrigeration--Cont.
Norway *35380
research *61865
Morocco *86654
tests 7593
Tropics *44559
See also Freezing of food; Home freezers; Locker plants; Refrigerator cars; Storage, cold; Trucks, refrigerator; Warehouses, refrigerated; and under specific subjects.
Refrigeration Research Foundation 61865
Refrigerator cars 18262
44459 45365 86582 79707
87417 *26603
situation and outlook 44458
wood 22604
Refrigerators 61665 78502
Regasilus 34308
Regimbart *77714
Regional planning 10600
63681
Australia 46612 46613
bibliographies 27919
Germany *71773
Columbia River Basin 10596
conferences and congresses *88722
France *27917
Germany 27907
*55612 *71775 *71777 *91939
Gt Brit 10545 *27917
*55613
Great Plains 27910 80442
India 19300
Italy *55611
Luxembourg *55619
Netherlands *10605
Philippines 37440
Switzerland *27917
Tennessee Valley 10606
27909 63686 *55611 *95944
U S S R *37755
Regions 27908 27913
27915 27920
Argentina *10222 *65883
*86520
Brazil *10122 *95745
Costa Rica *10163
Europe *62469
Germany *37739 *62481
*88381
Great Lakes area 27916
Great Plains 27918
Israel *80271
Italy *71389 *80231
Missouri Valley 27918
New York 10597
Spain *36474 *45820
Turkey 63374
Union of South Africa 88433
U S S R *27576 *37253
*55319
Rehabilitation. See Relief and rehabilitation.
Reichelia *16525 *52402
Reichenbachia 68685
Reindeer
Alaska 23066 84003
breeding
U S S R *50668
draft
U S S R *84019
Gt Brit 15246 67445
Scandinavia *50961
U S S R *22406 *29671
*32441 *32460 *59429 *84019
Reinhardiana n n 52499
Relapsing fever *34165
Relaxin 76296
Relief and rehabilitation 9768
9769 9770 10048 18850
18858 27245 27474 28057
37051 37056 37068 55187

*Text of this reference is not in English.

Item

Relief and rehabilitation --Cont.
63218 71214 71238 74808
80505 89145 *46237 *71215
*88148
Asia 63364 71507 80022
Austria *63356 *88160
costs 10114
Europe 9743 71393
Formosa 37433
Germany 37308
*10083 *10120 *19035 *37382
*46062
India 9771 37044 71201
95730
Iran 37055
Italy *37118 *55208
Korea 62807
Latin America *55226 *71211
Liberia 9771
Midwestern States 19067
mountain areas
Germany *71518
Paraguay 9771
policies and programs 9776
10026 10046 10047 10211
10344 10639
Switzerland 71238
Transkeian Territories 37359
See also European Recovery Program; Food, relief programs; Reconstruction.
Religion 19333 27990 27998
37830 37852 37870 46616
46699 55626 63733 63734
63760 71791 *46657
Angola 88776
Caribbean Region 27967
China 46363
Missouri 27921
Spain *37814
Switzerland *46740
See also Churches; Clergymen; and names of religions.
Relishes 70634
Remaudiere G *77739
Renault B *72192
Rembus 24742
Remosachilus n g 52628
Renal calculi *23664
Rendzina soils *58172
Renicola brantae 84887
Rennet *26190 *45017 *53793
*62176 *70008 *79028 *79178
manufacture *17967 *17968
tests 53759 *70012
Rennin *44960
Renocis *6432
Rent 19223 88665
*10509 *10517
control
Germany *10459 *88672
Gt Brit 63638
Italy *63616
Netherlands *37688 *46590
*55577 *63607
Denmark *46539
Formosa 27861
France *27838
Germany *37664 *88671
Gt Brit 19182 27800
46534 88626 88677
Italy *8435 *37725 *55511
*55520 *71698
legal aspects
Gt Brit 63603
legislation
Italy *27795
Netherlands *10495 *10530
*19228 *80383
North Dakota 55531
Spain *10481 *46522
Venezuela *88667
See also Leases.
Repellents 23302
deer 11207 81154

Item

Repellents--Cont.
insects 16750 43207 52852
*6008 *6077 *6583 *6619
*6622 *16760 *52109 *61277
tests 43274 52531
*52849
rabbits 64392
rodents 38634
ticks 34169
See also kinds of repellents; and under names of insects.
Reptiles 63988
parasites *34211
Resazurin test 7992
*7996 *26002 *35676 *35687
*44795 *44819 *70009 *79038
Rescue grass. See Bromus carthariticus.
Research 10629 10642
10691 10719 10750 10759
10829 11322 11338 11340
19714 28360 28363 38302
38309 38316 38317 47098
47127 47128 47131 47132
56100 56101 56102 56104
56113 63974 64083 64085
64088 64095 65295 69518
71841 72234 72235 72239
72252 72253 80830 80832
80834 89156 89157 89159
96236 96239 96245 *11319
*11323 *19710 *19711 *28277
*28366 *38298 *56110 *64040
*71843 *80827 *89171 *94552
*96242
Alaska 80829
Algeria *96237
Anglo-Egyptian Sudan 56103
Argentina *28372 *47111
*72243
Arizona 56096
Australia 19713 47110
89175 96164
Belgian Congo *80841 *89163
Belgium *89161
Brazil *11318 *11336 *19379
*96244
British colonies 80846
California 38304 47113
Canada 28359 38325 47124
56099 72247 96238
Caribbean Region 38314
Colombia *19723 *80842
*89173
Connecticut 80825
Denmark *80281
directories 64086
Gt Brit 80824
Ecuador 38305
financing 3062 11342
19722
France *47120 *56120
*89164
French colonies *11331
*56106
Georgia 28364
Germany 89169
*11327 *11333 *38319 *71440
*71858
Russian Zone *47119
Gt Brit 19708 28369
38299 64094 72238 96246
India 19719 19726
72240
Italy *38297
Jamaica 11329
Japan 96247
Latin America *64087
Madagascar *19721
Maine 19718
methods *72241
Middle East 72233
Minnesota 47121
Netherlands 28361
*46629 *47115 *56107 *64090
*71448 *89160
New Zealand 10076

Item

Research--Cont.
Nicaragua *64093
North Carolina 38312
North Dakota 11317 64099
Northern Ireland 19706
72251
Norway 38320 *38310
Peru *11334 *89174
Philippines 11337
Puerto Rico 28357
policies and programs *89155
Latin America *19689
Netherlands 80826
Switzerland 80839
Scandinavia *28368
Southern Rhodesia 89172
statistical methods *11344
*28377
Sweden *11330 *11339
*38294 *38300 *72124 *72236
Switzerland *11324 *19712
*19725
Tennessee 80843
Texas 80833 89162
Union of South Africa *27553
*61712 *89166
U S S R *28358 *47112
*47114 *47117 *47118 *47122
*47130 *55665 *56098 *63757
*71790 *71805 *72245 *72246
*88782 *89165 *89168 *96240
*96248
Venezuela *11335
See also Experiment stations; Experimental farms; names of experiment stations and research agencies; and under specific subjects.
Research and Marketing Act 17613 17621 26522 27925
35277 44456 44483 45942
45953
Research Association of British Rubber Manufacturers 71085
Reseda *72979
Reseda odorata *689
Reserve Bank of India 80049
Reservoirs 21863 21912
21969 49945 78695
Great Plains 21879
Missouri 21848
Nebraska 21832
New York 66644
Oregon 21833
South Dakota 80413
U S S R *6938 *31208
*31806 *74705
Resettlement. See Land, settlement and colonization.
Resins. See Adhesives, resin; Gums and resins.
Resistomycin *11357
Resources. See Natural resources; and under Forests; Water.
Respiration. See under Insects; Livestock; Plants; and names of animals.
Respirators 24444
Respiratory organs *32405
dogs 67808
insects 85302
poultry 15807 33266
42653 42700 60184 76795
84846 84890
diseases 92994
swine *43063
turkeys 33327 84890
See also Lungs.
Restaurants 86583 94551
See also Cookery, large-quantity.
Retained placenta 84398
*4027 *4662 *15458 *32757
*59701

Item

Reticulitermes 94194
Reticulitermes flavipes 34695 34699 *34723
Reticulitermes lucifugus *78271
Reticulitis 15450 84302
*15456 *32707 *59621 *67622
*67681 *76242
Reticulo-endothelioma *92833
Reticulocytes *4646
Reticulum 33578 33582
*51163
Reticulum cell sarcoma *84541
Retirement 27950 37817
46640
Connecticut 37142
France *10776
Uruguay *55718
Revenue Act 1951 27346
Reverdatto V V *38221
Revista de Agricultura Piracicaba *63707
Reymond A *17004
Reynoldsia 89363
Rhabdoblatta *61274
Rhabdocline pseudotsugae 81289 *611
Rhabdophaga swainei 52517
Rhabdopterus *52404
Rhabdopterus jansoni *43465
Rhabdopygus *24707
Rhabdorhynchus *16641
Rhabdospora *28671
Rhabdotalebra n g 85884
Rhaciaspis n g 77654
Rhacomitrium 47602
Rhadionopsylla *61302
*61317
Rhaebothorax *24685
Rhagidia *85578
Rhagoletis 16745 *43489
Rhagoletis cerasi *6562
*16687 *24879 *34355 *43566
*60991 *68735 *68784 *77897
*85774 *85786
control *34383 *52583
Germany *93908
Italy *34316 *85728
Switzerland *93849
Rhagoletis cingulata 52518
52528 52578 52587 68729
68737 *43567
Rhagoletis completa 77877
Rhagoletis fausta 61062
Rhagoletis pomonella 60912
77863
Rhagoletotrypeta n g *43489
Rhagonycha *60891
Rhagovelia 68819
Rhamphidium 72444
Rhamnaceae *89881
Rhamnella 11491
Rhamnose 49425
Rhamnus 407
Rhamnus cathartica 91017
Rhamnus zeyheri 3308
Rhamphocarya *56226
Rhaphidosoma *85871
Rhaphiocera *43528
Rheinisch-Westfälische Dauermilchgenossenschaft *44855
Rhembastus *6411 *85612
*85673
Rhetus 61256
Rheumatobates 16821
Rhexidius 93746
Rhexinia 93746
Rhexius 93746
Rhicnoessa 34354
Rhina 6444
Rhinanthus crista-galli 81724
Rhinanthus major *40309
Rhind W History of the Vegetable Kingdom 30654
Rhinia *6556 *77881
Rhiniinae *77881

*Text of this reference is not in English.

Item

Rhinitini *6556
Rhinitis, swine. See Infectious atrophic rhinitis; Necrotic rhinitis.
Rhinochenus 16555
Rhinocolura n g 52628
Rhinocoris 85870
Rhinocricidae *34203
Rhinocricus 6352
Rhinocyllus conicus *77751
Rhinoecius 93726
Rhinoestrus purpureus *43524
Rhinoptes n g *60756
Rhinoptes gallinae *60756
Rhinoscepsis 93746
Rhinotragini 60826
Rhipha *78200
Rhipicephalus sanguineus 6371 32931 34170 *77641
Rhipidita 77862
Rhipidoblattina *6911
Rhipiphoridae
California 16590
Rhipidoura n g *78058
Rhipsalis *72879
Rhizobiellus n n 77760
Rhizobium 972 30799 30800 56777 *13803 *13814 *49458 *81716
Rhizobium leguminosarum *21550 *21562 *74474 *74475 *81717 *91223
Rhizobium melilotus *49469
Rhizobium phaseoli 66192
Rhizobium trifolii 66197
Rhizobius 77760
Rhizoctonia
forage plants 64408 72625
potatoes *425 *20004 *47600 *64480
strawberries 64428
Rhizoctonia ramicola 64499 72748
Rhizoctonia solani 72699
coffee *56493
flax 47515
forage plants 64404
grasses 11782 72620
hops 56521
legumes 72620
Mentha viridis 11909
rice *20026
strawberries 72666
turf 81271
Rhizoglyphus *85602
Rhizoglyphus echinopus *52392
Rhizophidium *28688
Rhizophora 92121 *58737
Africa *11457 *58444
anatomy and physiology 20340
India 12086
Tropics 22228
Rhizophora racemosa *28591
Rhizopoda *82722
Rhizopon C *95102
Rhizopus 1035 72524
anatomy and physiology *6465
Rhizopus nigricans 7326
Rhizotrogus *16609 *8568
Rhizotrogus aestivus *648
Rhodacarus *93731
Rhode Island Dept of Agriculture and Conservation 1120
Rhode Island Sheep Cooperative 18541
Rhodes grass scale. See Antonina graminis.
Rhodiatox. See Parathion.
Rhodnius 6694 9419 *68849 *85839
Rhodobryum 7244
Rhododendron 40042 9075 90793 *90866

Item

Rhododendron--Cont.
breeding 40052 74041 90733 90829
culture 13236 13341 15330 40117 90805 *1924 *2052 *90851
diseases 383
dwarf 73982
forcing *30279
Germany 57638 65515
Gt Brit 65792
India 80953
Northwestern States 57695
Oregon 40120 90794
pests 60535 60868
propagation 57722
varieties 13244 21168 39994 40024 40074 40143 49044 73977 74101 74207 82436 90893
Washington 40120
Rhododendron cyanocarpum 56203
Rhododendron indicum *503 *40081
Rhododendron johnstoneanum 21220
Rhododendron microleucum 56204
Rhododendron simsi *21218
Rhododendron taliense 13249
Rhododendron vellereum 56205
Rhodogastria 94125
Rhodomelaceae *28647
Rhodometra sacraria 52781
Rhodomycin *10
Rhodophaea *16939
Rhodophyceae *11564
Rhodospirillum rubrum 47947
Rhodotorula 20287
Rhodotorula pilimanae 81099
Rhoecocoris sulciventris 5978
Rhoeo discolor 20167 48034 *48106
Rhombognathus spinipes *93702
Rhopalizarius *52458
Rhopalocera. See Butterflies.
Rhopalocranaus *68596
Rhopalopselion 34284
Rhopalosiphoninus latysiphon *43644 *52663
Rhopalosoma *34533
Rhothane. See DDD.
Rhovyl *70383
Rhubarb 18250 90959
Rhus 9297 *54666
Rhus lancea 90740
Rhus toxicodendron. See Toxicodendron radicans.
Rhus typhina *50586
Rhyacia dahlii *17025
Rhyacia subrosea *78146
Rhyaciona buoliana 17093 34593 43837
Rhymosia 16744
Rhyncaphytoptus 52388
Rhynchites bacchus *52453
Rhynchitinae *77802
Rhynchitomacer *77802
Rhynchocarpodium *89413
Rhynchosciara *52564
Rhynchosciara angelae *52524
Rhynchosia *56276
Rhynchosporideae *38530
Rhynchostylis retusa 1904
Rhyncomyia *655
Rhyncosporium secalis 6449
Rhyparida discopunctulata 3422
Rhyparochrominae 666
Rhysodidae
Argentina *3429
Rhyssini *2498

Item

Rhyssomatus *6498
Rhytideres 6466
Rhytidium rugosum *11523
Rhytidometopum *61274
Rhyzopertha dominica *34302
Ribes. See Currants; Gooseberries.
Riboflavin 51608 69725 *39244 *42638 *62952
determination *61716 *86542
in animal nutrition 83763
in beef 1113
in beer 5594
in cattle nutrition 1533 42051 76353 84206
in dairy products *11137 *17876
in eggs 55924
in food 38133 80684
in livestock nutrition *76631
in human nutrition *11024 *11047 *11065
in meat 45715 47004 55950
in milk 11115 63953 87055 *44978 *72131 *79014 *89052 *94748
in plants *1059 *73231
in pork 28230
in poultry nutrition 5253 67995 *15788
in poultry physiology 60117
in rice 55944
in swine nutrition 16058 16069 60427 85168
in vegetables 8913 63945 72107
synthesis 15063
therapeutic use *76946
Ribonucleic acid 18422 73337 *34684 *92996
Ribonucleoprotein 18422
Ribulose 64710
Ricardian theory *10509
Ricardo D *10509
Riccardia 89391 *56296
Riccardoella eweri 60780
Riccia *11550
Riccia breidleri *64256
Riccia rhenana 11541 89410
Ricciaceae 56297
Ricciocarpus natans 11548
Rice
abnormalities *13604
acreage and area 26722 62733 95189
Africa *115
analysis and composition 79596 *26745 *39130 *8761
anatomy and physiology 92
12463 12486 12582 29276 39174 64764 89850 89950 90056 90057 90129 *64678 *89948 *90046 *90107 *90139
Arkansas 43622
bacteria 79595
bibliographies 9051 28753
bran 16076 45535 79595
breeding 1222 57057 57122 *48067 *65022
Arkansas 90219
Belgian Congo *81860
Indochina *1165 *90273
Portugal *65037
British Guiana 20545
chemistry 45579 79579 79595
cleaning equipment 44136
conferences and congresses 57075 *36437 *54435 *62670
consumer preferences *45519
consumption *79540
cookery 9134
cooperatives
California 36349

Item

Rice--Con.
costs and returns
Brazil *95876
Italy *80327
Japan *27735
Pakistan 10388 10389
culture 12610 13818 48277 48301 61028 64748 66256 74252 90248 90458 *1181 *20523 *29540 *29557 *29587 *39067 *48302 *73408 *73442 *78414 *81826 *81869 *94300
Africa 58444
Algeria *64997
Arkansas 48275 58227
Brazil *17292 *57113 *64998 *83031
British Guiana 34842
Colombia *64960
El Salvador *39371
Fiji 12663
France *1162 *26721 *29524 *29533 *29539 *29575 *31070 *39317 *40537 *73401 *86133
French Indochina *7076 *81825
French Sudan *1163
French West Africa *65024
Germany
Russian Zone *65043
Guatemala *39350
India 1201 39324 44403 48316 57080 64966
Italy *20591 *29616 *39381 *48337 *73445 *73458 *81870
Japan *1223 *29592 *81857 *90240 *90256 *90259
Java 1191 20533
Madagascar *1215
Madras 12670
Malaya 1170 78405 78406 *29556
Mississippi 62733 81892
Morocco *64989
Mozambique *1251
Peru *36373 *64998
Philippines 48274 57077 65004 65005 73410
Portugal *57048 *57071 *81846
Senegal *31126
Southern States 81861
Spain *1260 *20519
cytology 64617
defoliation 90284
diseases 12320 19942 29047 56403 72889 72910 81215 81323 90919 *20019 *20025 *20026 *28921 *28951 *38721 *47334 *47534 *56548 *64344 *72756 *72778 *89574 *89757
Brazil *72610
Ceylon 89641
Costa Rica *11656
French Equatorial Africa *38743
Hungary *20052
India 81241
Indonesia 56628
Italy *47590 *72530
Japan 38806
*11955 *28884 *38724 *89756 *89757
Mexico 11801
Peru *38738
resistance 64402 64462 *47544
transmission *29000
Venezuela *20024
drought resistance *39171
drying 7092 53100 *36318 *70715 *87558
equipment
British Guiana 34842
France *86133

*Text of this reference is not in English.

Item

Rice--Cont.
equipment--cont.
French Sudan *34779
Malaya *25289
feed 60098
fertilizers 13987 13995
31247 40700 40747 40748
49793 58273 66347 66441
82832 82862 90083 *2712
*2794 *20025 *30972 *31253
*40633 *40989 *66306 *74551
*74611 *82871 *91323
Arkansas 91277
California 66438
French Sudan *13918
India 2803 66404 66407
66421 66439 66442
Indonesia *91299
Malaya 30909
Peru *49585 *66300
Philippines 30945 63955
Texas 74672
U S S R *21747
folklore 39343
fortified 19587 38129 54545
80683 96159 *19581 *38130
*45519 *55943
France *18365 *57102
French Indochina *1166
*1167
frozen 36325
genetics 20229 73056
*73083
germination *1160 *29358
grading and standardization 95196
harvesting 95196
equipment 7092 *17337
*25315 *78458
history *65038
hybrids *74061
Indonesia 64701
India *86516
industry 18400 18427
45508 *26695 *79578
Formosa 70714
France *9031
French West Africa *36418
Gulf Coast 9074
Italy *95158
Tobago 26648
Trinidad 26648
irrigation 2909
*2891 *20523 *20530 *39067
*74789 *90107 *91444
Indonesia 14076
Japan *91469
Malaysia *14068
Philippines 74714
U S S R *21850 *82994
Venezuela *21876
Italy *1168 *90226
Japan *90271
labor *18942 *27375
marketing 45508
British Guiana 54431
Italy *87651
Philippines 9109
milling 26692 95196
*26739
Asia 54545
associations
Brazil *26678
equipment *87538
milling quality 8952
Morocco *1214
nutritive value 11124
11125 28247 46978 46992
80666 80676 *19571 *36433
*72146 *80702 *89048 *89069
*96149
Malaya 55945
pests 6603 93868
*89488 *94093 *94206
Asia 60575
France *16722 *16737
*43222 *68767

Item

Rice--Cont.
pests--cont.
Japan *34380 *34341
*34495 *34595 *34596
Indonesia *19917 *52798
U S S R *19922
Philippines 12596 64982
policies and programs
Asia 8967
British Guiana 70736
Far East 8967
France *29575 *87643
*95187
Malaya 88601
Peru *18405 *36373
Philippines 26709
Puerto Rico *18792
Venezuela *36340
pollen 89867
pre-harvest drying 39344
prices
Brazil *18420
Indonesia *18413
support 54517
processing 9026 9134
36374 55944 87623 *29587
*36321 *36433 *55941 *72146
*87610
Asia 54545
France *87670
properties 45536
proteins 55887 70726
research
Indochina *1142
seeds *9625 *29529 *39370
*48302
certified *73395
France *54865
treatment 38555
*11801 *72648
vernalization *56766
Siam 20534 *81828
situation and outlook 8954
9124 26704 *36417 *79553
British Commonwealth 70698
China 70695
Colombia *79629
Dominican Republic *70724
France *9068 *18371
*26721
Indochina 8977
Indonesia *8958
Italy *8972 *87624
Morocco *18365
Siam 8978
soils 82814 91189
91300 *91193 *91239
Colombia *82894
Florida 74580
Japan 66154
*30866 *30972 *31047 *31048
*31049 *66160
spraying and dusting 11769
statistics 45569 45586
70342 *79602
Brazil *36380
Chile *18403
Guatemala *45520
Peru *18436
storage 9134 45582
53100 87623 95168 *36347
*79590
diseases 9008 18397
79579
pests *85339
tests 8952 45483
Texas 39571
trade
France *28122
Italy *80610
transplanting
Japan *29522 *29582
Peru *81831
unpolished 36325 45535
45536
varieties 39361 95196

Item

Rice--Cont.
varieties--cont.
*12600 *73403 *73465 *81894
*90273
Arkansas 29523
Canada 48277
Costa Rica 39367
France *64961 *64962
*65001
India 20536 57059
Italy *1229 *12657 *12658
*20579 *48314 *65021 *81872
Japan *29577
Malaya 29568 55945
Philippines 12595 29593
29601 29603 81830
vitamins 9134 55944
79596 *11123 *55941
waste
feed *85205
utilization *45491
weed control 13612 57939
*2381 *13604 *13641 *21364
*74263 *74313 *81580 *82543
*82560 *82575 *82576 *91057
Italy 82553 *49267
weight and measurement 9042
yields 1184
Brazil *45548
Japan *90272
Malaya 30909
Rice oil *26962 *36757
Rice weevil. See Sitophilus oryza.
Richard-Toll *28492
Richardiidae *43488
Richards C A 28307
Ricinine *56960
Ricinus communis. See Castorbeans.
Ricinusa n g *6736
Rickets *4058 *67351
cattle 4518
dogs 92753
horses 67896 84646
*59950
man *11037 *63937
sheep 42945 42946 85121
swine *24305
Rickettsia 52359 *25127
Rickettsia burneti. See Coxiella burnetii.
Rickettsia conori *94212
Rickettsia prowazeki *68347
Rickettsia quintana *68347
Rickettsial diseases 59399
goats *85094
livestock *85094
poultry 33285
transmission 60788 85560
*68347
Rickettsial pox 52387
Riddell J 11417
Riebeeck J van *57426
Riehm E *56043
Riella halophila 190
Rift Valley fever *4005
cattle 24145 93165
sheep 24145 24182 93165
Rimskii-Korsakov M N *28317
Rinderpest 84362 *84356
British East Africa 32696
buffaloes *4725
control
Gt Brit 84288
Iran *4579
Near East 84288
Egypt *4677
history *92274
immunization 51173 *4575
Africa *76379
India 4136
India 51826
Italy *4565
Japan *4660
Pakistan *4735

Item

Rinderpest--Cont.
swine 5838 *4725
transmission 5838
Union of South Africa *59623
vaccines 4574 32696
51173 59725 67682 84288
84329 *4618 *84321
virus 32696 84288 *4575
*76379 *92582
Ring pox
apricot 47650
Ring rot
potatoes 47616 89696
tomatoes 12498
Ring spot
brussels sprouts 81221
cabbage 64563 81221
cherries 56611
peaches 550 581
potatoes *47637
Ring test 23338 23371 42186
51237 76408 *4581 *4713
*15405 *15491 *23345 *32799
*42138 *51192 *59614 *60352
*67602 *76281 *76378 *85117
*92577 *93158
Ringworm *15219
cats 32939 76539
*15571 *84549
cattle *84363
dogs 32939 76539
livestock *22987 *59395
man 76539
sheep
Union of South Africa 93174
Rinodina 56339
Rinodina oreina 56338
Riodinidae *78103
Rio Grande Railroad 54267
Rio Grande Valley Horticultural Institute 29902
Riparian rights *80377
Ripe-spot
apple 56573
Ripersia corynephori 16859
Ripetelus n g *16641
Riptortus 61095
Risks 35255 53450 71227
80067 95641 *9872 *95602
Germany *70615
Ritchiea *80957
Ritter process 41692 67318
Riukiaria *77625
Rivers 2976
Denmark *2958
Iran 74777
Italy 31165
Japan 21860
Rivolta S 81089
Roaches. See Cockroaches.
Roads 17202 26844 35249
43949 44308 45918 52911
63047
Austria *86575
British Guiana 36568
Chile *94217
Colorado 17199
conferences and congresses 35270
construction 9596 9597
25169 41468 43951 *7510
*75168 *75179
costs 6944 86116 *75169
Finland *41346
forest 41468 75410 83497
91961 *3579 *75160 *75168
*75169 *75175 *75179 *75180
Canada 66817
equipment 91962 *2247
*3335 *3359 *31549 *67037
Finland *31896 *41338
France *66897
Germany *41136 *75176
Gt Brit 31898
Italy *31336
Norway *14324 *41353
*66889 *75170

*Text of this reference is not in English.

Roads--Cont. Item
forest--cont.
Pacific Northwest 3418
U S S R *22484 *22493 *31907 *41339 *41364 *91953
West Virginia 75199
Gt Brit 6927 6932 25169
Illinois 17194 17201
Italy *94537
legal aspects
France *35261
Montana 6934
New York 37723 94558
New Zealand 69057
Pakistan 7486
Pennsylvania 34738 43952
subsidies
New York 55345
Texas 78318
Roads Beautifying Association 82351
Roadside planting 13215 13223 13266 13270 13271 13334 13344 14164 14220 21074 *57785
bibliographies 13404
Gt Brit 40122
Ohio 13298
U S S R *73752
weed control 13548 21375
See also Trees, street and roadside.
Roadside stands. See Markets and marketing, roadside.
Roaring, in horses. See Laryngismus paralyticus.
Robillarda 11608
Robinia 65758 *3289 *50342 *66862 *82598
Robinia pseudoacacia 14474 91677 *21428 *22259 *31692 *48940 *74366
control 75264
Iowa 39969
propagation *41251
U S S R *22216
Robinia semperflorens 13716
Robinson G W 11263 *47036
Robinson-Patman Act 35342
Rockea falcata *13153
Rock elm. See Ulmus thomasi.
Rock gardens 2014 2021 2064 2083 13283 13374 21177 *2051 *21096
Gt Brit 30265 65644 65645
plants 1983 1999 2027 13276 21104 21109 65517 65593 65807 73990 82376 *65671
New Zealand 40136
Sweden *1934 *65671
Rock J 13189
Rockefeller Foundation
International Health Div 16782
Rockingham Poultry Marketing Cooperative 71052
Rocks *74461
Rocky Mountain columbine. See Aquilegia saximontana.
Rocky Mountain spotted fever
Canada 52346
transmission 24704 85586 93714 *85592
Rodenticides 50050 55982 72164 *55966 *72163 *89093
Israel *80716
public health aspects 93495
regulation and inspection 55967
toxicity
livestock 50833
See also Warfarin.
Rodents 11212 *19612 *38164 *72592

Rodents--Cont. Item
and disease *32436 *43397
control 295 7612 11203 19523 19593 19934 52090 52091 56387 75353 *291 *11189 *18429 *89537
Argentina *80709
Germany *40726
Montana 96173
U S S R *4151 *32436 *47019
parasites 34160 34179
pests 77175 77926
U S S R *16197 *22367 *28251 *66976 *89516 *91862
Rodeos *15551
Roegneria doniana 64207 64236
Roemer T *26701 *28304 *38218 *56016 *56041 *89123 *89129
Roemmele *95295
Roeseliana roesilli 43900
Roeweriolus *24713
Rohwer S A 11264
Rollins College 63221
Roma Giardino Zoologico *4565
Romieux J *72206
Roob-Cucchetti S *64116
Roof gardens 57662
Roofs 7339 17444 69381 75547 75581 88210 88218 *25465 *35034 *44233 *59016 *61641 *86429
Roosevelt National Forest 22198
Root crops
anatomy and physiology *56836 *90058
Austria *54051 *57013
breeding 65035
culture *1449
Australia 21290
Germany *48223 *48233 *57009 *74140
Sweden *81799
U S S R *20669 *20730 *29721 *48474 *57345
Denmark *48234
equipment 78409 *34841 *94261
Austria *69138
Germany *53214
feed *41674 *41685 *42449 *67280 *77091 *93226
Brazil *82019
Germany *50763
fertilizers 49716 *49571 *74578 *74642
Germany *49634 *49733 *49790
forage plant *73601 *82043
Germany
Russian Zone *82500
Gt Brit 40164
harvesting 13470 *57343
Germany *81796 *90194
U S S R *57291
labor *55136
pests 60541 85348
planting
U S S R *40199 *57344
prices
Germany *62575
sampling 87357
seeds *9635
Denmark *88015
storage *62614
U S S R *2186 *29785 *40163 *73601
situation and outlook
Germany *54182
soils *74678
Germany *49733 *49790 *49811

Root crops--Cont. Item
sprout prevention 12507 62589
starches *67280
statistics
Germany *45470
storage *45443 *57291 *78639
thinning 40228
varieties
Norway *64913
Root knot 3104 72902 72904 72911 81362 *612
Alabama 89752
Florida 89752
Lespedeza 72895
peanuts 64582 72888
See also Nematodes.
Root rot
Abies sibirica *28838
avocado 89689
beans 47599
citrus 38674 *73142
corn 56533 72695
cotton 38702
Georgia 11858
grain 390 64497 72745
grapes 11814
grasses 390
peppers *47546
Pinus 14249
Primula malacoides 81269
strawberries 38769
sugar beets *11957
sugarcane 72695
tobacco 81355 89642
trees 28883
wheat *28903
Rootone *13221
Roots 3448 12314 13722 38921 49641 56666 66399 89929 * 1025 * 3306 *12166 *29350 *29385 *40389 *64614
anatomy and physiology 858 11414 12271 12274 39158 56951 73035 73303 81520 81541 *20149 *21557 *29088 *29241 *29301 *29393 *29417 *29899 *39197 *56850 *56952 *81679 *81746 *91167
citrus 21812
excretions *29257 *39203 *56880 *81695
toxicity 29221
growth *13751 *58331 *81571
injuries 72570
Rootstocks. See under Fruit; Plants; and names and classes of plants.
Ropalidia 34503
Rope 26312 61871 *36009 *70463
manufac ... *70414 *94990
Ropley H ... ural Society 20819
Rosa 9 40054 65494 6561[illegible] 20 65787 82443 *201[illegible]
anatomy and physiology 818
associations 65573
breeding 2074 21092 21095 49079 65773 74032 *64358
Canada 49109 65740 65765 *82309
culture 1987 13174 13222 13326 13426 13427 21023 21054 30387 40021 40099 40112 47933 48903 48925 48992 49021 49072 57677 57706 57793 65502 65530 65706 65795 74126 82453 82456 90868 90886 90896 90908 *1922 *74017
Arizona 65811
Australia 2117

Rosa--Cont. Item
culture--cont.
Cyprus 57674
Denmark *48921
Gt Brit 1972 49027
history 65768
Louisiana 1965 65560
Mediterranean Region *48900
Ohio 39960
Oregon 21194
seasonal 1905 13422
South Carolina 65729
Union of South Africa 49091
Utah 65754
Virginia 49084
desert areas 65556
diseases 396 19963 47418 64478 72760 82456 *28785
Colorade 20056
Florida 64359
resistance 38615 64432 89683 *64358
Rhode Island 11816
transmission 89710
U S S R 72704
dormancy 13200
fertilizers 49765 66351 66430 66431
genetics 65588 81473
Germany 57799 *73991
Gt Brit 40004 48959 49043 90798
hardiness 2135 21019 49011 65707
hips 47001 80695 *62586 *87359
history 65660 82395
hybrids 65721 *49016
in art 65497
injuries 11695 47370 64308 64361
irrigation 74801
judging 82324
Minnesota 40034
New Zealand 49059
Ohio 64229
pests 6000 68594 68673 *24411
Florida 64359
planting 2066 2110 13140 38615 39928 57677 65668 90882
propagation 2107 82452
pruning 1987 30227 40119 48943 48978 57784 65534 *82466
rootstocks *13220 *82336
shows 65491
soils 14001 21660 49747 49765 66260 66432
Southern States 39924
spraying and dusting 38594 64364 64399 66351 72550
Texas 13170
Union of South Africa 49085
varieties 1988 2027 2038 2078 13414 21148 21161 21208 21214 30169 30373 39925 40050 40064 40104 48951 48952 48972 48999 49000 49049 49106 57642 57723 57771 57787 57789 65498 65555 65618 65629 65695 65725 65777 65799 65808 73954 74084 74118 74128 90803 90813 *30218 *40084 *49010 *65712 *65713
Australia 65776
Brazil *21066
California 65804
Gt Brit 21188 65612
North Carolina 2067 30330

*Text of this reference is not in English.

Item

Rosa bracteata 13566 13568
Rosa canina *20333 *30329 *48168
Rosa rugosa *56984 *74045
Rosaceae *22754 *47255 *64609
Rose chafer. See Macrodactylis subspinosus.
Rose oil 9427 54712 *36717
Rose scale. See Aulacaspis rosae.
Rose Society of Ontario 65740
Roselle 58056 62378 *39098
Rosellinia *28828 *38642
Rosellinia necatrix *38718
Rosenscheldiella phoradendri 81104
Rosette
  apples *47646
  peaches 12008
  tomatoes 20099
Rosewood oil 45791
Rosin 87854
Rosin amine D acetate 13537
Rosiroia n g *6411
Rostafinski J *38214
Rostovskaia Inkubatorno-Ptitsevodcheskaia Stantsiia *33119
Rostovskiĭ-na-Donu Botanicheskiĭ Sad *28446
Rot
  clover 452
  lemons *47565
  lettuce *47470
  Pinus sylvestris *72658
  pomegranates *64456
  Quercus 38557
  sugar beets *63120
  tomatoes 36265 45418
Rotation of crops 501
  1091 2741 2850 14203
  20479 20483 29494 30843
  30906 32672 39273 39295
  39326 39452 39530 40197
  40578 40589 46483 48197
  48220 48221 48527 49526
  49541 49793 55445 57010
  57037 57159 64911 64939
  64948 66256 72888 73363
  74835 81359 81803 81815
  90458 *1117 *1308 *2841
  *12578 *12580 *21659 *21930
  *40673 *47427 *48215 *49617
  *57031 *58317 *64912 *64943
  *66335 *66358 *66412 *81804
  *81923 *82888 *82914 *90207
  Argentina *1101
  Austria *48240 *57016 *57033 *90210
  Australia 57008 57040 73358
  Brazil *3029 *83031 *90200
  Canada 1089
  France *21803 *29496 *29539 *35013 *42925 *48202 *49839 *57022 *82061
  Germany *1079 *1092 *1104 *1125 *20497 *20504 *29503 *29715 *39351 *39492 *48212 *48434 *64921 *64923 *64936 *65189 *74532
  Russian Zone *20480 *39281 *48211 *90208
  Gt Brit 20505 20514 30880 *73383
  India 1530 2677 48238
  Iowa 1095 73362
  Israel *1108 *12627 *64918 *81789
  Italy *1112 *1124 *48558 *57869 *81808
  Minnesota 48213 57038
  Mozambique *64931
  Netherlands *1098 *66926 *73359 *81792 *81793

Item

Rotation of crops--Cont.
  New Zealand 1369
  North Africa *39294
  Orange Free State 39308 90187
  Pakistan 48199
  Southern Rhodesia 57394
  Sweden *48196 *48228 *56999 *64922 *64924 *64935 *73348
  Texas 49735 74860
  Union of South Africa 40580 48209 81819
  U S S R *2226 *2611 *2696 *20516 *20525 *21437 *21508 *25519 *29492 *29707 *29808 *39280 *39282 *39287 *39297 *39388 *39462 *39622 *40440 *40526 *40618 *40741 *48225 *48247 *49673 *49705 *49771 *57017 *57019 *57222 *57269 *57311 *64944 *65152 *90190 *90215 *90218 *90351 *90395 *90438 *91169 *91348
  Washington 48198
  See also Field crops, rotation with pasture.
Rotenone *21426 *77282 *77300
  analysis and composition 68507
Roth A W Tentamen Florae Germincae 89235
Rothamsted Experimental Station 49488 64094 68576 96246
Rothschildiana n g 94204
Rotifera *2607
Rotproofing. See under specific subjects.
Rottboelia 38935
Rotundiceps n g 86078
Rotylenchus coheni 89744
Rough dwarf
  corn *89703
Roughage 39517
  in animal nutrition 3854 3924 15057 41686 51099 *3842 *83734 *83747
  in cattle nutrition 4440 4444 4473 23184 23188 23191 23211 23268 32650 32658 42030 42057 42058 42061 42100 42106 51075 51087 51110 51127 59559 59567 59591 67566 71633 76162 76165 76206 84162 84187 87197 92537 92538 92565 *4698
  in horse nutrition *5015
  in ruminant nutrition 50689
  in sheep nutrition 5642
  in swine nutrition *24243
  vitamins *15125
Roundworms 84705 *5813 *16005 *85328
  See also Nematodes; and names of roundworms.
Rourea 11455
Rous sarcoma 15856 33262 84881
Rovac 85250 85261
Rowett Research Institute 5224 41704
Roy D *38223
Royal Agricultural and Commercial Society of British Guiana 37978
Royal Agricultural Show 34794 80533 88753
Royal Agricultural Society 3819
Royal Agricultural Society of Natal 10778
Royal Botanic Gardens Ontario 11377
Royal Easter Show 76893

Item

Royal Forestry Society of England and Wales 83224
Royal Geographical Society London 89237
Royal Horticultural Society *57414
Royal Horticultural Society's Gardens Wisley 21198
Royal Jersey Agricultural and Horticultural Society 71991
Royal Poinciana. See Delonix regia.
Royal Winter Fair 37826 44840
Roystonea *28555
Rozella allomyces *81103
Rozellopsis septigena 274
Rubarth's disease. See Canine infectious hepatitis.
Rubber 63037 63059 71077 71087 79892 79893 *27063 *54833 *54841 *63061
  analysis and composition 45916 54830 63041 63058 63065 71089 71090 71091 87986 *9614 *36856
  bacteria *88008
  baling 36854
  bibliographies 27055 27068
  Cameroun *79885 *80251
  chemistry 54835 63057 87982 87983 *9616 *27052 *36856 *45917 *54831 *63071 *79890
  conferences and congresses *95436
  Canada *87997
  India 9613
  Malaya 95454
  contamination 71089 95439 *45920
  deterioration 53003 *88008
  directories 9612
  extraction 54822 95442
  French Indochina *37514
  grading and standardization 45923 63052 71082 71090 71091 88005 *63051
  history 9592 27061 *9593 *27070 *63068 *95432
  in plants *1053 *1054 *12392 *12406
  Indochina *87990
  industry 71081
  Belgian Congo *87988
  Bolivia *27067
  Brazil *18725 *87991
  Ceylon 79884 *9607
  Colombia *87989
  France *63054
  Gt Brit 36849 63043
  Israel 27069
  Malaya 9598
  Papua 87981
  Peru *27050
  legislation 79894
  manufacture 18724 88001 *79287 *95457 *95459
  marketing *79887 *87995
  oxidation *9604 *54827 *54828 *54829
  packing 63039 *71071
  plant sources *2424
  policies and programs 9615 27058 27060 44342 71079 *27057 *87995
  Australia 63067
  Brazil *79886 *79889 *87992
  preservation *95455
  prices 27051
  Brazil *63038
  processing 27053 42188 63066 71080 71095 79888 79891 87982 88000 88007

Item

Rubber--Cont.
  processing--cont. 95452 *27072 *36852 *36855 *63050 *71014 *88002 *88011 *95440
  products *63036
  properties 9602 54830 63049 63069 71088 71090 95426 *9605 *36847 *36857 *54821 *88006 *88012
  quality 71086 *36844
  regulation and inspection
  Gt Brit 63043
  research 9599 9602 18726 27066 71085 95454 *9617 *87996
  situation and outlook 9595 9609 27051 27065 27071 54826 54838 63055 63070 71084 95425 *18727 *27059 *36841 *63064 *79890 *87990 *95447
  Brazil *63045 *63046
  Eurasia 71073
  Latin America *63064
  Malaya *9601
  Southern States 63048
  statistics 36853 88014 *36848
  Malaya 27064
  synthetic 9611 27051 45916 63059 88004 95431 *9605 *36845 *45921 *63063
  analysis and composition 63041 87886
  properties 63069
  situation and outlook 63055
  tests 63052 63053 71067 71069 71070 71072 87999 *36847 *54821 *95440
  equipment 9600 88010
  trade *46914 *63849
  Gt Brit 28114
  Indochina *10959
  utilization 9596 9597 45918 63044 63047 63056 86262 87994 *63036 *63050
  vulcanized 71068 54824 54835 63060 71065 71066 *9590 *9608 *9610 *9614 *9616 *27052 *87984 *87987 *87998 *88009 *95441 *95461
  See also Rubber plants; and names of rubber plants.
Rubber Growers' Association 2495
Rubber plants 2414 82648
  anatomy and physiology *12392
  culture
  Costa Rica *30682
  Indochina *13697 *82605
  Tropical America 13685 30704
  U S S R *30704
Rubeli O *56042
Rubiaceae 29083 29487 89286
Rubidium
  in plants *29450 *48146 *90142
Rubus *11450
  anatomy and physiology *72995
  cytology *72974
  Gt Brit 64209
  hybrids *21008
  Maryland 11458
  West Virginia 11458 72373
Rubus okinawensis
  Japan *140
  See also Blackberries; Dewberries; Raspberries.
Rudbeckia amplexicaulis 56215

*Text of this reference is not in English.

Item

Rudbeckia bicolor *819
Rudbeckia pinnata *677
Rudorf W *11272
Ruffin E 89117
Rugs 28328 80800
Ruiziella n g 52734 *77831
Rum 69760 *17813 *44709
Rumen *4208
anatomy and physiology 50908 92284 *92358
artificial 67357
cattle 15438 42198 67667 67708 76312 84304
anatomy and physiology 67614 76276 76362 *42244 *76239 *76294
diseases *51238 *67673 *92626 *92638
microorganisms 23301 23331 23360 42048 42062 42100 59616 76363 84233 84282 84319 *23315 *76294
parasites *15470
surgery *59653
goats 67708 *24148
microorganisms *68233 *76983
microorganisms 15134 59189 83872 83975 93163 *3878 *3980 *3981 *67420
sheep 5691 16023 24180 33578 33582 76312 85106 93163
analysis and composition 68228 68253
anatomy and physiology *76239
microorganisms 5656 5670 5671 16014 16029 23360 24173 42949 76990 93178 *68234
Rumen fistula 76193
Rumenotomy *22906
cattle 32791 76348 *15422 *23334 *32792 *59621 *67622
Rumex *11988 *29113 *89719
Rumex acetosella 2343 65944 *78482
Rumex alpinus *13615
Rumex obtusifolius *72864
Ruminants
anatomy and physiology 4048 15150 15160 15213 41845 *3982 *4004 *4208
digestion *67420
feeding and nutrition 3864 15094 15112 22829 32224 50689 50732 59189 59207 59208 59229 67273 75779 75807 83738 *3878 *67420 *75795 *83753
deficiencies 41712 50748 *41687
Gt Brit 3886
lactation 67348 75881
metabolism 32224 32306 67348
milk production 41792
parasites 16474 59305
poisoning 75839
See also names of ruminants; and under Anesthesia; Blood.
Ruminococcus flavefaciens 23360
Rummelen F F F E van 66225
Running fits in dogs. See Canine hysteria.
Runoff 2698 3076 14191 14197 22400 31182 31206 40856 49999 66653 66664 74514 74781 *40862 *83121
Australia 14189 21977
California 21965
Colorado 14166
Italy *31072
Japan *31804

Runoff--Cont. Item
Nebraska 91481
New Mexico 14166
Philippines 21915 40889
Tropics 3054
Utah 49977
Rupex n g 52628
Rupf H Waldwirtschaft *14500
Rural and Industries Bank of Western Australia 63254
Rural Bank of New South Wales 46114
Rural Church Institute 10834
Rural Free Delivery 71797
Rural life 10582 10583 10584 10589 10590 27904 35170 37548 37744 37911 46418 55609 63679 71770 80431 80538 88783 88797
Brazil *19291 *71763 *88712 *95937
California 55598
Canada *27900
Chile 71769
Colombia *19285
conferences and congresses 37743
Connecticut *37748
France *27902 *37759 *63680 *80427 *88717
Gt Brit 18853 19289 19295 19296 37745 63677 71764 80433 *27896
Iceland *10622
in literature 46606
India 63678
Iowa 19084
Italy *71772
Louisiana 37513
Maine 10586 37740
Michigan 37749
Minnesota 55608
Missouri *27486
Nebraska 55601
Netherlands 10283
New Zealand 63673
Philippines 88713
research 27906
South Carolina 63675 71762 80434
Southern States 80429
U S S R *27914
See also Cost and standard of living; Culture; Social conditions; Social organization; Social participation; and subheads under Farmers.
Rural Life Sunday 55729 63733 88823
Rural Neighborhood Progress Contest 37762 37763
Rural Reconstruction Association 46867
Rural-urban relationships
Germany *38003
Kentucky 96079
Spain *72015
Ruritan Clubs 10846 55767
Ruscus *56704
Rush. See Juncus.
Russell Grimwade Expedition 72330 77606 77760 78167
Russellaspis n g 16800
Russian wildrye. See Elymus junceus.
Russula *255
Russula adelae *72473
Rust 6012 47491 81100 81107 *38704
Antidesma 56351
Antirrhinum *28959
apples 72722
asparagus 56512 *11943 *72684
barley 20060 47604
beans 395 38753 47581

Rust--Cont. Item
Berberis *72767
clover
India 38734
coffee 20042 72731 72744
corn *487 *11903
currants *39876
flax 400 11788 28894 56499
forage plants *11904
grain 469 11833 28870 47511 47550 *498 *11853 *19975 *20013 *20020 *20037 *20049 *28862 *47509 *72685 *72737
grasses 11887 *20013
guava *56466
horseradish 38687
India 275 28832
oats 11812 20060 *28927
pears *28844 *72676
Pinus caribaea 11855
Pinus ponderosa 64483
Pinus roxburghii 56558
Pinus taeda 11855
Pistacia *47570
plants 38907 72522 *38645
plums *64530
Rosa *81242
rye 20060 81246
safflower 38758 89578
spinach 64495 *89648 89650
Strophanthus sarmentosus *64520
wheat 19961 20060 28942 38643 47472 56482 64528 72675 81204 81300 89590 89638 *381 *473 *487 *507 *510 *11756 *11787 *11864 *11876 *11903 *47543 *47597 *56568 *64441 *72738 *89570
Rutabagas 74198 79399
culture *2248 *40198 *65825 *95126
Rutherglen Research Station 39442 49523
Rutin *3986 *12537 *59639
in plants 29470
Rutohemotherapy
dogs *84514
Rutten T *27993
Ryan Report 88748 88772
Ryania 24459 61243 68990 *68989
Rybaxis 68685
Rye 62754
Africa *73457
analysis and composition *8932 *9078 *18425 *18457 *29273 *87562
anatomy and physiology 989 12164 *20103 *56920 *81720
Argentina *54421
Austria *20597 *48297 *55465
biochemistry *39255
breeding *12614 *20526 *39397 *57073 *81885
culture *12623 *48276 *57078
Denmark *601
Germany *90412
Russian Zone *90379
India 90270
Ireland 20556
U S S R *1148 *31741 *39322 *56920 *73394
cytology 72994 *56695
diseases 20060 47503 47550 81246 *496 *522 *64421 *72899
resistance 72659 *47560
feed *85210
fertilizers 30982 *2743 *2782 *49563 *57078 *66371
forage plant 1155 73617 *20542 *29578 *39595 *81972

Rye--Cont. Item
forage plant--cont. *83801
genetics 47848 *755 *29178 *64665 *73070
U S S R *745 *47853 *56733 *56743 *73058
Germany *54878
germination *20381
U S S R *39369
Gt Brit 41226
hybrids 47852 *1169 *12233 *36375 *56695
microorganisms *87562
milling 62751 *87541 *87657
milling and baking quality *36375
Nebraska 1171 90232
Netherlands 36630 62667
pests 77705 *52126
Germany *52504
pollination *57090 *57104
processing *36388
purchase and sale programs 18889
seeds *1147 *73425
vernalization 29366
statistics 36442 70342
U S S R *1265 *20557 *39354 *48318 *57208 *57240 *66371
varieties *1226 *2131 *29611 *48255 *57090 *90245
waste
feed *9043
Rye flour *45539
Ryegrass. See Lolium.
Rynchophora. See Weevils.
Rytov M V *47069

Saarinen A *28305
Saatgut-Uberwachungsdienst für Osterreich *36864
Sabadilla 34170
Sabbatini L *31072
Sabi (Southern Rhodesia) Experiment Station 31081
Sabi Valley Scheme 21616
Sabiaceae 73004
Sabulodes caberata 6792
Saccardinula *28671
Saccharin *86553
Saccharissa *6736
Saccharomyces. See Yeasts.
Saccharomyces apiculatus *56487
Saccharomyces ellipsoideus *61975 *87241
Saccharose. See Sucrose.
Saccharum. See Sugarcane.
Sacchiphantes abietis. See Chermes abietis.
Saccoglottis *28530
Saccopetalum koolsii 80991
Sacharissa *34538
Saddles 17286 25269 61411
Safaria 77887 77888
Safety. See Accidents; and subhead health and safety under 4-H Clubs; Future Farmers of America.
Safflower 90458
Canada 57355
diseases 11929 56552 56564 73338 89578 *56477 *77209 *81143
Arizona 89578
France *47375
Italy *1511
Morocco *27218
pests *77209 *81143 *93970
France *47375
Spain *18832
Texas 54742
Union of South Africa 1505
Safflower meal 67582
Safflower oil 9474

*Text of this reference is not in English.

Item

Saffron 46057 53681 *30688 *80600
See also Crocus sativus.
Sage *17802
Sagebrush. See Artemisia.
Sagina *19816
Saglorithys 89352
Sago 87351
Sahlberghella singularis 43630
Sahli method *15832
Saicinae *52676
Sainfoin 28607 48550
anatomy and physiology *917 *56779
fertilizers *917
Gt Brit 1469
hay *59217
seeds *18745
Gt Brit 82083
U S S R *1383 *20348 *20715 *22398 *30888 *39518 *39519 *39559 *48467 *48476 *57237 *57297 *65203 *73582 *82051 *82059
St Augustine Experiment Station 73789
St Ives Research Station 21064
St Johnswort. See Hypericum perforatum.
St Louis encephalitis. See Epidemic encephalitis C.
St Paul Union Stockyards Co 45675
St Louis Merchants' Exchange 79616
Saintpaulia 13234 13398 13432 21018 21082 21206 65609 65789
anatomy and physiology 947 20190 64806 64821 73273 73987
Alaska 49098
culture 2070 13268 13272 21026 40070 48945 48967 49025 49028 57755 65577 65796
diseases 11728 11895
forcing 57746
packing 13268
pests 24696 52362
soils 49734 66339
varieties 13369 21072 30391 49106 65664 65733 82417 82473
Saintpaulia ionantha *57669
Saissetia hemisphaerica *61030 *93942
Saissetia oleae 476 5979 *6635 *16829 *52620
Sake 25870
Sakoanala n g *56276
Salad plants 2165 2314 13524 30464 30486 54359 *13526 *87330
Salads 80791
Saldidae 16822 43645 77942
Saldula 43634 43645 77942
Saldula suttoni 61052
Salganea *61274
Salicaceae *11509
Salicicola *43625
Salicornia europaea *28558
Salicornia fruticosa *89293
Salicylic acid *59639
Saliva 24918
Salivary glands 6843 34346 52568 68757 77405 77861 *34368
Salix 3296 3418 38926 *31628 *31707 *38901 *50196 *56099 *58798 *58802 *58815 *82644 *91117 *92138
control 2407 21391
diseases 11817
hybrids *142
Japan 80990

Item

Salix--Cont.
pests 16836
pollen *89874
varieties *40353
U S S R *81707
wood 41414
Salix alba 41239 *31626 *48093
Salix babylonica *89573
Salix capensis 31518
Salix caprea *2430
Salix humboldtiana *58721
Salix phylicifolia *47173
Salix viminalis *41201
Salmacia divisa 34319
Salmacia ornata 34319
Salmanites n g 6842
Salmon 54950
Salmonella 6907 27043 32411 43074 *41843 *59845 *70853 *92647 *95260
dogs 4929
eggs 36784 71037 87937
feeds 92886
flies *6532
food *69622
meat *36549 *36550
sheep *76994
Salmonella abortivoequina 84683 *33042 *67912 *84684 *84714
Salmonella abortusovis *16021 *33598
Salmonella bareilly *51612
Salmonella blegdam 83826
Salmonella brandenburg 67926
Salmonella choleraesuis 77111 *70870
Salmonella dublin 84269 92614
Salmonella enteritidis *45687 *51837
Salmonella gallinarum *51634 *76836 *84850
Salmonella kingston 15809
Salmonella newport 15207
Salmonella paratyphi B. See Salmonella schottmuelleri.
Salmonella pullorum 23907 23951 23986 60142 60187 *51634 *76775 *76776 *84850
See also Pullorum disease.
Salmonella schottmuelleri 51374 *67915
Salmonella schwartzengrund 5388
Salmonella septicaemia 43080
Salmonella suipestifer 16101
Salmonella typhimurium 15207 32732 51491 87951
Salmonella typhosa 15207
Salmonellosis 83871 *75892 *75899
Australia 23008
cats *59845
cattle 84262 84269 92614 *23319 *67654 *92647
coypus *23549
dogs 4877 67821 84513 *59845
fur-bearing animals 84583
geese *23899
Germany *92313
horses 67926 *23628 *67912 *67915 *84716
laboratory animals 92886
man *5351
Norway 83861
pigeons *33312
poultry 5388 33314 76796 *5333 *5351 *42651
sheep 5687 *33598
swine 43080
turkeys 23928
See also Fowl typhoid; Pullorum disease.

Item

Salpingidae 60878
Salpis 43847
Salsola 65938
Salsola richteri *56718
Salt-marsh caterpillar. See Estigmene acrea
Salte Plan *7934 *17851
Salter R M 47037
Saltpeter. See Potassium nitrate.
Saltpeter Chile. See Sodium nitrate.
Saltpeter Norway. See Calcium nitrate.
Salts
effects on bacteria 56906 56907
effects on fibers 18061
effects on plants 29238 73259 *649
in plants *837
in soils *837 *2553 *21524
Salvation Army Rural Service Units 46699
Salvia *49376
diseases 47332
Salvia officinalis *2481 *81765 *90155
Salvia sclarea *13312 *29299 *48006
Samanea saman 47746
Sambucus *64151
Sambucus nigra *56683
Samia cynthia *6761 *6817
Samohu Chorisia. See Chorisia insignis.
Sampaionema n g *28650
Sampling. See under specific subjects.
Samvirkende Jydske Husmandsforeninger *81507 *84016
Samvirkende Kvaegavlsforeninger med Kunstig Saedoverforing *15311
Samvirkende Sjaellandske Landboforeninger *71993
San Diego Avocado Institute 57495
San Diego Cooperative Poultry Association 87964
San Diego County (California) Farm Bur 37923
San Isabel National Forest 41258
San Joaquin Valley Poultry Producers Association 18686
San Jose scale. See Aspidiotus perniciosus.
Sand *33556 *94893
Sand cherry *57523
Sand culture 865 878 1008 12237 12342 21332 56844 89987 *90901
Sand dunes 74527 *2614 *40887 *5000 *81377 *81380
Argentina *49974 *83127
Italy *58058 *83267
Japan *50381
Michigan 72937
Oregon 83102
U S S R *21959 *31207 *31217 *31231 *31797 *58505 *58517 *74843 *91483 *91488
Venezuela *83123
Sand lovegrass. See Eragrostis trichodes.
Sandstede H 56009
Sandwich and District Growers 88916
Sandwich construction 22750 41473 67221 67222 75549
Sanguisorba minor *18745
Sanicula 11504

Item

Sanicula europaea *89355
Sanitation. See under specific subjects.
Sankurua n g *52677
Sanmartinia n g *28516
Sanninoidea exitiosa 17081 43836 78187 86005
Sanninoidea exitiosa grafei 78078
Sanremo Stazione Sperimentale di Floricoltura *21046
Sansevieria 65956 73476 *1962
Santa Barbara Botanic Garden 19769 72311
Santa Paula Citrus Fruit Association 36209
Santesson R 89392
Santonin 1033
Santosia *77989 *85869
São Paulo Instituto Agronomico *96244
São Paulo Instituto Botanico *56166
Sap stain 50485 67096 83533 92012
See also Blue stain.
Saperda populinea *16550
Sapindus 90153
Sapindus saponaria *39246
Sapium *56189
Sapodilla. See Achras zapota.
Sapogenins 81781
Saponaria 28945 *38475
Saponin 45932 90153 90154 *12527 *73323
Sapotaceae *11450
Saprolegnia
anatomy and physiology 38927
Saprosites *24734
Saranella n g 85884
Sarascarta n g 85884
Saratoga Experimental Gardens 28410
Saratoga Horticultural Foundation 82131
Saratovskiĭ Institut Ėkonomiki Sel'skogo Khozĭaĭstva *40807
Sarawak Dept of Agriculture 11204
Sarawak Forest Dept 75084
Sarcanthinae 40017
Sarcanthus 74067
Sarcobotrya n g *56276
Sarcocephalus *38428
Sarcochilus 56235
Sarcoma 5071 51605 *32941 *51163
Sarcophaga 34340 43542 68765
Sarcophagidae 43542 *24868
Sarcophaginae 85792
Sarcoptes anacanthos *52356
Sarcoptes scabiei 52360
Sarcoptes scabiei bovis *4592
Sarcosporidiosis *33267 *92267
Sarginae 85744
Sarkulov N *84624
Sarlina n g *64189
Saropogon 34308
Sarracenia 80941
Sarracenia flava 40096
Sasa *49274
Saskatchewan Association of Rural Municipalities 71901
Saskatchewan Co-operative Producers 37983
Saskatchewan Dept of Agriculture 11205
Statistics Br 7676
Saskatchewan Dept of Co-operation and Co-operative Development 55784

*Text of this reference is not in English.

Item

Saskatchewan Dept of Natural Resources
Forestry Br 41066
Saskatchewan Milk Control Board 44881
Saskatchewan Municipal Hail Insurance Association 95644
Saskatchewan University
Farm Week 90209
Field Husbandry Dept 90198
Sassafras 28917
Sassafras albidum 22575
Sassafras silt loam 66146
Sastrapada *52677
Saturnia pavonia 61173 85967 *61184 *94148
Saturniidae 52807 *34613
Saturnioidea *34613
Satyridae 43839 *25026
Satyrus *17039 *52803
Satyrus actaea algoualensis *85943
Satyrus briseis *16942
Satyrus semele *85982
Sauerkraut 18315 18338 *8854
manufacture 45440 45441 *36277
marketing 45386
nutritive value 55929
packing 36232
quality 36232 45386
Saula 24778
Saundersiops 43541
Saurauia 47238
Sausages 45631 *62874
adulteration *62843
analysis and composition *9248 *62819 *87753
bacteria 9367 26827 36613
canning 87807
casings 9357 *62826
consumer preferences 26828
manufacture 36645 54675 70037 *45722 *45728 *54665
U S S R *26883 *36656
marketing *36612
moisture *87753
processing 9357
regulation and inspection *36612 *36614
spoilage 36613
storage 9367
Saussurea lappa 2506
Sauva ants. See Atta.
Savalania n g *34648
Savia *56189
Savings 27251 *37078
Canada *37077
India 18860 18866 18867 28097
Puerto Rico *46084
Sweden *9786
Savini E *8205
Sawdust
feed 4458 *41698
fertilizers 14305 22715 40914 82925 82932 *21997 *40724
fuel 14973 *22705 *32147 *41600
marketing
Northeastern States 59109
mulch 3769 14253 14975 58387 82929 82932
utilization 3766 22712 35117 41611 50574 *7359 *22710 *50603 *67191
Sawflies. See Symphyta.
Sawmills 14758 32051 41378 75404 75453 83515 *14762 *14766 *22519 *83505
Australia 22516 75456
Austria *3587 *14699 *75459
Belgium 83504

Item

Sawmills--Cont.
Canada 14756 31928 75448
Chile *59001
costs and returns 3558 3589 3593 14759 14767 67061 *14764 *14765 *67060
equipment 14763 22522 31924 31927 83507 83510 83514 83516 *14757 *31925 *58943
Germany *83513
Norway *41367
Sweden *31929
U S S R *41368
Western States *3592
Finland *3588 *58933 *75461
France *67030 *67059
French Africa *75449
French Guiana *75449
Germany *58940 *91980
history 22521 31918 41370 41371 41372
Idaho 75450
management 14767 14768 22530 31915 58941 75460 75462 *14764 *31616 *31916 *31921 *31923 *41363 *41369 *50447
California 31926
France *58938
New Hampshire 50449
Western States 58944
New Zealand 83506
Norway *22539
Pennsylvania 58930
portable 14747 14760
Australia 3586
Mexico *22515
research
Canada 75457
Siam 83517
Sierra Leone 3558
study and teaching 3594
Sweden 83511 *67054 *75406
taxation 3589
Texas 31918 41372
Union of South Africa 41376
U S S R *41362 *41374
waste 22649 83512 83656 *22520 *22524
West Virginia 41371
Western States 58944
work management *91559 *91973 *91981
Saws 22536 22537 22546 31943 41195 75452 75460 75464 83509 83515 91975 *3562 *3585 *14737 *14761 *22542 *31876 *31888 *31914 *31920 *41313 *41375 *50420 *58901 *58934 *67060 *67062 *75419 *75420 *75454 *86315 *91946 *91977 *91985 *91990
band 31936 *31922 *50450 *67039 *67057
bow 50421 58909
chain 3567 41311 50419 *22454 *50426 *58903
circular 31926 41365 75469 *3591 *3595 *14738 *31919 *50448 *58929 *58931 *67055 *67070 *75447 *91972 *91976
hazards and safeguards *3596
U S S R *31917 *58935
costs and returns 31934
electric *14743 *31880 *41379 *50445
U S S R *41325
frame 22528 41370 50446 *14769 *22525 *22532 *31929 *31930 *41361 *41368 *41373 *58932 *58936 *67052 *75451 *91979
U S S R *67053 *91982

Item

Saws--Cont.
Germany *83519
kerf *75444
maintenance and repair 50444 *34955 *58931 *58937 *67070
pit *22523
power 31771 31776 86314 *3569 *14727 *31887 *67035 *75458 *91943
Sweden *67046
U S S R *22473
rip 22529
sharpening *14745 *22526 *31895 *41308
Sweden 75445
teeth *83488 *91972 *91976 *91978
tests *31929 *58942 *58945
Yugoslavia *67058
Saxetania n g *6865
Saxifraga 56268 *690
Saxifraga hirculus *47251
Saxifragaceae 64897 *690
Saxinis *34265
Say T 19657
Scab *81306
apples 492 11754 19976 19977 20001 20022 28834 38680 38685 47513 47545 47551 47562 47592 52779 56473 56541 56559 64418 72655 72722 89524 *418 *497 *513 *11841 *11859 *28840 *38676 *38708 *38722 *47510 *47571 *56535 *56509 *64523 *65423 *72661
citrus 81303
fruit *11747 *11823 *11842 *38671 *38695 *56476 *56507 *64430 *81253
lemons 72700
pears 11754 11799 19977 28897 47545 56509 64418 *11841 *28943 *38708 *47510 *47571
potatoes 11785 64451 64490 72747 *502 *64424 *64461
wheat *70760
Scabby nose
rabbits 60296
Scabies 33585 42971 78257 85136 *42478
Scabiosa 13355
Scabiosa caucasica 56622
Scabrin 77843
Scaeva pyrastri 43561
Scaevola 28600
Scald
apples *48041
barley 64498
Scale insects. See Coccidae.
Scales (weighing instruments) 17636 25681 26328 78769 94254
Scaly bark
citrus *56608
Scapania 11546
Scaphiostreptus *52345
Scaphosoma *34273 *68669
Scaphytopius 61037
Scaptomyza 60993
Scarabaeidae 60811 *34260
parasites 34523
West Indies 77685
Yugoslavia *85662 *85663 *85671
Scarabaeoidea 6406
Scarlet runner bean *73061
Scarth G W 64036
Scatomyzidae. See Scopeumatidae.
Scatophagidae. See Scopeumatidae.

Item

Scelio *34509
Sceliphron cementarium *16893
Scelodonta 52409
Scenedesmus 56302 81647
Scenedesmus obliquus 12239 12240 12241
Scent glands 34584
Schaefferia 78256
Schäffer J *72496
Schain test 79040
Schatzmayer A *89115
Schechter test 24439
Schedioides *6736
Scheelea
oil *87822
Schefflera *72372
Scheltzia n g *52677
Scheloribates *93731
Scheloribates madrasensis 16474
Schematiza cordiae 6503 6670
Schenck C A *28320
Schenkel-Rudin H *68622
Scheu A *38238
Schiffermüller 85977
Schima khasiana 56243
Schinia brevis 43750
Schinia septentrionalis 43750
Schinopsis brasiliensis 3752
Schinus molle *75690
Schisandra *90705
Schistocerca americana 43881
Schistocerca cancellata *17116
Schistocera gregaria 6857 25093 34658 34662 34671 69006 *52849
conferences and congresses
Italy *43871
control 6858 69017 78231 94171 *43871 *46042
ecology 25107
French West Africa 86024
habits and behavior 25100 25101 *52850
Schistocerca paranaensis *17115
Schistosoma mansoni *88756
Schistosoma spindalis *76251
Schistostega somundacea *28630
Schizobremia 85766
Schizocapsa plantaginea *64629
Schizodactylus inexspectatus 94177
Schizodictyon 19863
Schizomycetae *81084
Schizonoda *52404
Schizonycha 34252
Schizophragma integrifolium *81423
Schizophyllum commune 20232
Schizopteridae 6653
Schizothecium longicolle *28663
Schizotrypanum cruzi 24921
Schmid-Bondzynski test *86902
Schmitz method *17574
Schneepia *28665
Schneider F *68985
Schoenobius bipunctifer *52798
Schoenobius incertellus. See Schoenobius bipunctifer.
Schoenocaulon officinale *20193
Schoenotenidae n fam 68933
Schoepfia jasminodora 82468
Schöngastia 93733 *52339
Schöngastia aethiopica 43398
Schöngastia oubanguiana *93712
Schöngastiella *52338

*Text of this reference is not in English.

Item

Schöngastiella caeca *93712
Schoenobiblus *72372
School lunches 11021 11100 11136 19557 19558 28168 28177 28203 35403 38074 38092 38099 38100 38110 38114 38188 55886 80652 80673 88999 96142—96144 *38116
Arizona 28157
Canada 11089 38111 95962
Gt Brit *38088
history 38115
Italy *72092
Japan *11049
policies and programs 11022 38071 38073 38079 89036
Rhode Island 46969
study and teaching 11080 63880
Schools 10672 19341 37881 59018 59019 67127 71923 80535 88785 88813 *80457
Brazil *95974
Canada 10610
consolidated 19321 95985
Germany *28020 *55625 *71838 *71879
Gt Brit 10638
Illinois 37784
India 96017
Italy *37904 *71822
Oregon 95976
Pennsylvania 71823
Peru *88806
Philippines 63725
Sweden *46676
Texas 37880
U S S R *10798 *37846 *43279 *43319 *43320 *77324
Uruguay *10641
Schoutedenomiris n g 52622
Schradan 6637 16805 60629 68512 85443 *47354 *68429
aphid control 34463
decomposition 52175 52176
determination 24447
effects on plant disease *28994
tests 33952
Schreckensteiniidae *17099
Schribaux E *19649 *38210
Schulz W *94883
Schulze H *14608
Schutzgemeinschaft Deutscher Wald 3491 83428
Schwarz E A 38199 64012 64013 80750 *11233
Schweier method *77495 *93654
Schweinezüchterverband Westfalen-Lippe *16042 *77044
Schweizerische Herdebuch-kommission für Simmentaler Fleckvieh *15312
Schweizerische Mikrobiologische Gesellschaft *38160
Schweizerischer Bauernverband *71997 *88907
Schweizerischer Fleckviehzuchtverband *15313
Schweizerischer Geflügelzuchtverband *93095
Schweizerischer Katholische Jungmannschaftverband *46740
Schweizerischer Landfrauenverband *71952
Schweizerischer Obstverband *18199
Schweizerischer Verband der Lehrer an Landwirtschaftlichen Schulen und der Ingenieur-Agronomen *63780 *63781 *63816 *63824

Item

Schweizerischer Weinbauverein *48879
Schweizerischer Zuchtverband für das Veredelte Landschwein *85183
Schweizerisches Bauernsekretariat *71997
Schweizerisches Institut für Hauswirtschaft *88736
Schwiebea 68624
Sciadopitys 89879
Sciadopitys verticillata 57713
Sciadotenia javariensis 19827
Sciara 16676 68777
Sciara carbonaria 52543
Sciaromiopsis 211
Science *28277
and agriculture 38169 55993 56105 56109 *11316 *19717
China *89167
India 55960
U S S R *31227 *34756 *37503 *37857 *63756 *63986 *71485
conferences and congresses 80835 89095
Sciocoris *85843
Scilla 13144 39039 64688 *1894
Scilla autumnalis *89817
Scirpophaga innotata 6795 *52798
Scirpus 81117 *4642
Scirrhia acicola 72641
Scleranthus *47278
Scleranthus annuus 2343 65944
Scleria duvigneaudii *38472
Scleria tenacissima *2388
Sclerobiodes n g *16939
Sclerocarya caffra 47693 74378
Scleroderma domestica *85906 *94030
Sclerographium aterrimum 81101 52460
Scleron 60837
Scleron latipes *60834
Scleronychius n g *11447
Scleropogon brevifolus 89569
Sclerospora 72776
Sclerospora butleri 11924 89587
Sclerospora macrospora 11765 56485 72645 *20032 *47470
Sclerotinia borealis *20011
Sclerotinia cinerea *64436
Sclerotinia fructicola 509 11910
Sclerotinia fructigena 28860 *72752
Sclerotinia homeocarpa 64472
Sclerotinia laxa *406
Sclerotinia libertiana 20048 *47561
Sclerotinia sclerotiorum 81277 *11860 *19988 *20053 *81208
Sclerotinia trifoliorum 452 28866 *388 *28934 *64442
Sclerotium 64491 72739
Sclerotium delphinii 38647 72697
Sclerotium oryzae *89574
Sclerotium rolfsii 64414 72621
sugar beets *28925 *56492 *89594
Scoliidae
Africa *6713
Scolopia *115
Scolytidae 34244 52487 *60856
Scolytoidea 16628 16661 34284 77779 *43472 *85687
Scolytoproctus 6466

Item

Scolytus *6432 *43472
Scolytus mali *93744
Scolytus ratzeburgi 34224
Scolytus rugolosus *34294 *93744
Scolytus scolytus *60969
Scone Research Station 74894
Scopaeus *77689
Scopulariopsis *6899
Scopulariopsis fimicola 49476
Scopulariopsis repens *29424 *52868 *72525
Scorch
Lilium 48087
Scorpionida 6340 *52393 *68625 *85545 *85600 *93721
Scorzonera *13474 *29315 *39100 *64734 *64735 *73115
Scotch pine. See Pinus sylvestris.
Scotiella *81060
Scotland Dept of Agriculture 63993
Scotland Dept of Health 69629
Scottish Health Serv Council 69629
Scottish Society for Research in Plant Breeding 12223
Scottish Society for the Prevention of Cruelty to Animals 75988
Scotussa cliens *86038
Scours
baby pigs 33712 *51950 *85249
calves 42120 42123 51169 *4659 *42245 *84297
control 32682 *84411
prevention 42112 51175 76159 *32811
treatment 15435 92596
lambs 5668 *51846 *60375 *76996 *93170
Scrapie 85134 93180
Screw-worm. See Callitroga americana.
Scrophularia 80954
Scrophulariaceae 56217 72440
Scrotum 85246 *22959
Scrub itch 34159
Scrub typhus 60775
Scuola d'Avviamento Agrario *10762
Scurfy scale. See Chionaspis furfura.
Scybalicus *85648
Scymnophagus *6736
Scymnus 52460
Scythes 17341
Scythris *85932
Scythris disparella *34557
Scythris senescens *34557
Scytodes 85549
Scytonema *28650
Sea water *42479 *84649
Seabra A F de 34226
Seafood. See Fish.
Seakale
feed *32238
Seale-Hayne Agricultural College 88740
Seals *59569 *67554
Sears Roebuck Foundation 10616
Seaweed 5209 30652 30662 40346 49355
analysis and composition 90152
feed 59254 83739
Japan *13715
nutritive value *2446 *11133
utilization 13703 59254 61870 74342 74364
Sebaga 34271
Sebastiana *89624

Item

Sebastiana klotzschiana *89938
Sebelin J R F *38215
Seborrhea sicca *67649
Secale. See Rye.
Sechium edule. See Chayote.
Secodes 34508
Secotium *28682
Sedge. See Carex.
Sediment test
cream 69994
dairy products 7964
milk 17874 35681 44832 69994 *42255 *44815 *53769 *69995 *94767
Sedimentation 2963 13781 14157 40892 83086 *31208 *66540
California 21965
Eastern States 66647
Illinois 83123 83124
India 40982
Kentucky 83053
Missouri River Basin 66613
Nebraska 21909 74701
New Jersey 66643
New Mexico 14130 14156
New York 66644
Pacific Northwest 49848
Puerto Rico *21953
Union of South Africa 14216
Sedina buettneri 61159 *17105
Sedoheptulose 64710 64897
Sedum 40057 *13212
Sedum nevadense *89311
Sedum pachyphyllum *13411
Sedum rosea 47803
Seed Association of America 21042
Seed-corn maggot. See Hylemya cilicrura.
Seed drills. See Drills.
Seed Improvement Committee 19730
Seedling blight
rice 81241
Seedlings 898 21295 28468 64772 *12572 *12943 *29914 *50324
biochemistry 89472
diseases 20033
Seeds 19730 28734 28754 29331 65289 *19749 *20809 *57427
anatomy and physiology 38896 81458 81465 *12309 *20209 *81559 *81657
associations *9618 *54864
Australia 1584
Belgium *27097
biochemistry 29461 *39231 *81778
certified 1341 9629 9638 11700 20499 20501 20820 27084 27085 27095 29174 29175 45937 45965 54868 57027 63081 81786 88017 88018 88020 95474 *27096 *45926 *48222 *63078
Australia 36861
Canada 54856
Germany *27081 *45933 *71094
Illinois 95466
Iowa 39276
Montana 54857
Nebraska 27077 27094
North Carolina 90204
Ohio 27 27092
Spain *36890
chemistry 26713
cleaning 9634 18735 73545 *9643 *17379 *27089
equipment 9082 45940 53116 54844 63085 *9633 *9645 *17380 *34912 *34928 *63084 *78482 *88024

*Text of this reference is not in English.

Item

Seeds--Cont.
cleaning--cont.
Germany *47440
conferences and congresses *28113 *47153
cooperatives
Belgium *63077
France *27078
Netherlands *27078 *36858
Spain *18741
Tunisia *36882 *96363
Czechoslovakia *12572
Denmark *39304 *64920
directories 27074 36887 63074
Australia 9629
Illinois 39274 63076
Minnesota 18738
Nebraska 18740
Ohio 36884
dissemination 19783 *80869
dormancy 20343 65090
drying *57103
Germany *12948 *45926
germination 1014 13204 22329 29419 39009 39052 39677 47965 57338 64775 81688 89931 *3457 *12276 *22351 *29308 *29327 *29411 *29504 *39062 *39086 *39150 *39659 *57103 *64789 *64875 *73189 *81587 *81695 *81785
tests 29338 40165 72303 *88022
grading and standardization 18729 71099 *9620 *9640 *9643
equipment 9082 53116 *8997 *9632 *54843
harvesting
equipment 17362 61445 61452 94310 94319 94321
Sweden *1088
U S S R *90314
identification 28581 28584
bibliographies 95478
industry 9647 27075 36866 36869—36871 36887 54851 79905 81820 95465
California 27073
Canada 45947
Denmark *45927 *54867
Europe *27083
Germany *54858 *71104
Netherlands *9646
Norway *9635
Oregon 9627
injuries 39054 90281 *64963
legislation 22172 22173 88017 *18742 *54846 *79906
marketing 9623 36860 54848 54856 79911
Denmark *27076 *36863 *36872
moisture *36867 *79908
Netherlands 9621 *47200
pellets 11409 12718 12932 65146 66966 *12917 *48226 *65271 *82108
pests 34225 36405 *52581 *68455
planting 12576 *12935 *39661 *73726 *91269
equipment 7085 17315 17318 17321 61444 *17326 *25312 *34864 *44063 *44071 *53058 *69205 *69212 *78430 *86244 *94304
Germany *17322 *53050 *53053
statistics 78374
U S S R *17327 *94305
Germany *48245 *48246
policies and programs 63081
Chile *12202
India 63083

Item

Seeds--Cont.
policies and programs--cont.
Japan 63072
prices *54855
processing 39612 79902
equipment 63080 63088 79903
Germany *45936 *91849
production *1566 *43966 *88259
Germany *45928 *71098 *95479
Netherlands *39673 *43966 *63073
U S S R *35907
proteins 48166 *39231
purchasing
Germany *54859
quality 1271 1563 36859 45958 54866 64949 *39307 *95463
New York 71107
Sweden *36892
U S S R *95469 *95470
Yugoslavia *95468
regulation and inspection 27080 54845 63079 71109 *36886 *36893 *45961
Austria *36864
Belgium *63077
Finland *79904
Florida 95476
Germany *45928 *45948 *54863 *71094
Russian Zone *27087
Indiana 71100
Kentucky 95467
Massachusetts 71103
Netherlands *40223 *45954
Oregon 79909
Philippines 45957
Sweden *79912
West Virginia 18749 71110
Vermont 63087
research 27075
Scandinavia *27089
situation and outlook 18732 27082 28265 45944 45951 45963 45964 54850 79910 *9630 *45924 *45945
Austria *9639
Denmark *1130
Finland *45949
Germany *18736 *45938
Russian Zone *71101
Illinois 27091
statistics 45963 *71098
storage 5963 14631 29875 71093 78633 79560 79899 88019 *9636 *36882 *36888
pests 93381
Sweden *2336 *9624
tests 338 1013 19748 27088 28420 28426 36865 36874 36875 36878 36880 36885 36891 36895 39270 45935 45942 45947 45960 55983 63082 65300 71095 79914 95471 *36868 *36879 *39298 *88023
conferences and congresses 36873 45925
Denmark *71097
equipment 36881
Florida 83153
Missouri 18739
Netherlands *27098
New York 20537
study and teaching 45941 45953 45959
Sweden *9642
threshing
equipment
U S S R *25352 *53120
Gt Brit 1093

Item

Seeds--Cont.
trade 36875 36885 38033
Canada 38033
France *80633
Germany *19506 *55859 *80633 *96105
Gt Brit *88976
Netherlands *10941 *28125 *46932 *55859 *80640
Sweden *55871
Switzerland *46944
treatment 5963 6463 13959 16643 20018 20425 28946 38565 38597 38646 38758 39341 45944 45952 45955 45956 47382 47487 48298 56371 60550 64315 64475 72653 72828 77852 81157 95475 *3112 *11826 *11951 *11953 *20416 *28772 *28787 *28873 *47450 *47541 *58313 *68455 *72741 *81295
Belgium *19955
Denmark *60863
equipment 25302 44137 *17380 *81224
Germany *47440 *47584
New Zealand 20010
Sweden *47354 *47464
vernalization 12283 56789 *894 *12300 *12330 *12884 *29232 *29299
viability 842 1013 39105 45943 48134 64865 90027 *783 *968 *41229 *45946 *73091 *73251 *73430
waste
feed 49332
weight and measurement *9637
See also Aircraft, in seed planting; Embryos, plants; and under Future Farmers of America; Trees; and names of plants.
Seelemann M *80763
Segestria 68609
Sehirus dubius 61082
Seitz *78200
Seleen 76546 76555
Selaginella petelotii *56283
Selaginella utahensis 89380
Selenephera lunigera *52767
Selenia bilunaria 43751 43775
Selenium
effects on livestock 4099 49495
in plants 81761
in soils 13823 49495 81761
Selenops 77631
Selenothrips rubrocinctus *94188
Self-feeders 17274 86456
cattle 4471 7048 7368 53004 61393 61405 78393 92547
poultry 25268 61388 *25271 *33211 *61391
swine 25279
Seligeria *19857
Selskapet for Norges Vel *38181
Semasia incarnana *17077
Semasia neglectana *17077
Semasia oppressana *17077
Sematophyllum 72444
Semelaspidus artocarpi 6676
Semen 3838 75733 83700 *75729 *83714
asses *42440
care and handling 59158 *32211 *59151
cattle 4409 15294 15393 23071 23106 23113 32477

Item

Semen--Cont.
cattle--cont.
41948 42159 50977 51008 51024 51025 51185 59705 76050 76065 76096 84032 84034 84046 84106 *15266 *15293 *23143 *51056 *76004 *76076 *76956 *84065 *84086 *84097 *92386 *92404 *92407 *92415 *92439 *92468 *92469 *92483
analysis and composition 23101 23117 23087 76080 *15284 *92448 *92449 *92492 *92510
bacteria *84050
biochemistry 76008 76009 84149
care and handling 4341 23087 51029 76014 76024 76086 76089 76132 *4310 *4356 *32537 *67519 *76061 *76131 *84024 *84142
hydrogen-ion concentration 75998
storage 76112
tests 4294
viability 4367 15304 42021 76014 84147 *4347 *23077 *59435 *75996
dogs
analysis and composition *15284
goats *42916 *84065
horses *23597 *23601 *42439 *59913 *84628 *92793 *92814
analysis and composition *4998 *59914
minks *42405
poultry 5200 23735 23787 33123 76719 84776 *92928 *92929
rabbits 42873 85023
sheep 5615 *33541 *42916 *76956 *84065
care and handling 42898 *24111 *51785 *85050
swine 24299 85176
bacteria *43019
tests *32203
turkeys 76710
viability *3832 *4091
See also Spermatozoa.
Semesan *39115
Semiarundinaria fastuosa *870
Semicarbazones *4031
Semiothisa liturata *94135
Semolina 36413
Semomesia *61256
Sempervivum tectorum 89309
Senecio 11455 *56190 *74091 *80982
Senecio cruentus *678 *11773 *30171 *47466 *56716
Senecio jacobaea 91028
Senecio lobatus 76324
Senecio rufinervis 28832
Senecio webbii 56269
Senegalella n g *3736
Sengania n g *16939
Senna. See Cassia.
Senobasis 34308 *24792
Senotainia 85792 *24664
Senotainia tricuspis *34322
Senotainiella n g 85792
Sense organs
insects 52220 77362 93930 *34071 *86092
Separators. See Cream separators.
Sepedonium 38518
Sepicana 93778
Sepidium *34212
Sepsidae 60942
Sepsotinktur *32414

*Text of this reference is not in English.

Item
Septanychus texazona 43384 52382 77610
Septic tanks 7404 53363 78689 86507
Septicemia *33733 *76549
Septobasidium *81113
Septobasidium aleurititdis *81209
Septobasidium pseudopedicellatum 38663
Septogloeum gilli 81232
Septoria 247 56553 81238 *64496 *81281
Septoria apii-graveolentis 89679
Septoria armeriae 56481
Septoria avenae 64454
Septoria cravensis *56477 *72633
Septoria linicola *89609
Septoria lycopersici *426
Septoria querceti 56336
Septotinia populiperda *64425
Sequoia 3291 89219 *75132
Manchuria 38343
propagation *83396
soils 66242
Yugoslavia *8339
Sequoia gigantea. See Sequoia sempervirens.
Sequoia sempervirens 2240 50200 *22212
California 89246
pests 77202
policies and programs 66793
wood 3709 75482
Serapias *28527
Serbinov I L *89114
Serenoa repens 13598 13599
Serenthia *24923
Seres *6736
Sericin *8504
Serica 77693
Sericographis 89352
Sericothrips 17182
Sericulture *78240 *78246 *86049
Argentina *25113
Cyprus 61283
equipment *43869
Germany *34685
Russian Zone *6892
India 18162 *6894
Italy *6891 *17138 *34683 *69023 *70345
Japan 18162 *69019 *86050
Morocco *6895
Pakistan 6893
U S S R *10310 *64037
Serine 64857 *29468 *29469
Serinetha hexopthelma 85837
Serixia *6420
Serpentine soils 83150 *48023 *50276
Serpentinographa n g *43489
Serphidae
Sweden *68888
Serradella *29735 *39512 *48378
Serratia marcescens 12272
Serratula *13736
Serrichora n g 77732
Serromyia 68787 85789
Serropalpus barbatus *93781
Serum 4014 4081 16107 50846 50901 *4033 *4161 *5022 *12027 *15172 *32338 *50818 *59991 *83859
asses *92331
cattle 4603 4615 42112 51175 51252 84271 *5065 *23385 *76376 *84356
proteins 42145
guinea pigs *33103
horses 5357 33503 33507 59938 *23616 *33737
Item
Serum--Cont.
pigeons 84859
poultry 15822 51608 84881 *5328
proteins 5303
rabbits 85025
sheep 84271
swine *33740
therapeutic use *4010 *15202 *59291
See also Immunization; and names of serums.
Serviceberry. See Amelanchier.
Servicio Cooperativo Interamericano de Producción de Alimentos *18971
Sesame 90459
anatomy and physiology *20260
breeding 29836 90455
Venezuela *20745
nutritive value *28226
pests 43810
U S S R *24929
seeds
analysis and composition 1038 18666
varieties
India 39592
Sesame oil 62745 *26919
Sesbania 30799 30800
Sesbania aegyptiaca 56584
Seseli libanotis chouvignyana *64167
Sessinia livida 60819
Sessous G *19662
Setaria 12178
Setaria digitata 50849 75875
Setaria faberii 30601
Setaria italica 57065
U S S R *12689 *29673 *34924 *57065 *73647 *81935
Setariasis
Japan 92346
Setella *242
Severgin V M *91141
Severo-Osetinskaia Gosudarstvennaie Selektsionnaia Stantsiia *57C35
Severtsov A N *38335
Sewage
disposal 17533 17535 17536 35189 53363 69501 78690 *25565 *69502 *86499
feed 4513
fertilizers 14318 17533 50069 58591 58608 58609 66746 66750 *31311 *31314 *40955 *40967 *58598 *58600 *66724 *74955 *74963 *90386
Germany *31290 *66733 *66744
Russian Zone *66723 *90267
Gt Brit 66731 83190
Norway *66736
Union of South Africa 66743 *66751
U S S R *58607 *91535 *91542
utilization
India 50071
Sewing 11284 19674 19677 19680 19684 28329 28336 28337 28338 28340 38247 38258 38260 47073 47081 47084 47086 47088 47093 47094 56058 56060 64061 64064 80789 80797 80802
See also under 4-H Clubs.
Sex
cattle 4429
coypus *84579
determination *32202
dogs *4918
ducks *84927
Item
Sex--Cont.
insects 6605 34115 34309 34348 34536 43598 60853 61170 77874 85777 85947 86031 *16991 *34438 *43636 *52569 *77494 *77823 *78284 *85330 *94148
determination 24582 68790 *24600
livestock 15218 *4202 *75866 *83704 *83710
plants 29070 29116 29189 38684 38888 39247 64721 64780 64889 81398 81665 89453 89842 89884 *12371 *20283 *56712 *73016 *73023 *75866 *89815 *90120
poultry 33125 33316 42805 76709 76914 84916 *60174 determination 23746 *5180 *33317 *42660 *60174 *60226
rabbits *5581 *51766
study and teaching 10669
swine 60471
turkeys 33261
See also Hermaphorditism; Poultry, sexing.
Sex behavior
cattle 23176
guinea pigs 33094 33095
insects 24804 52543 52861
sheep *51779
Sex organs
arachnids *85589
camels *22894
cats *84500
cattle 32693 76278 84147 *32502 *32738 *76253
diseases *4634 *15442 *15448 *59742 *67612 *67650 *67657 *76238 *84252
microorganisms 84303
diseases *50819
ducks *5401
guinea pigs 51513
horses 59927
insects 6255 16762 16780 16851 16920 24865 24942 52682 52704 60878 77830 77940 86082 94156 *6601 *16148 *16940 *17022 *24967 *43813 *68964 *77338 *77871 *78133
poultry 33277 *23967 *33331 *68037
diseases *33300 *42712
rabbits 51513
swine *16090
turkeys *68041
Seychelles Dept of Agriculture 63995
Seydelites n g *85647
S-gaiazulene *12278
Shade Tobacco Growers Agricultural Association 79992
Shafer V *19652
Shale 94465
Shale oil 10350 12260 39017
Shallots 2316 57858 74145 *20062 *49145
Shamrock 29747
Shands H L 39401
Shannon R C 11260
Shannonomyina. See Fleborotomus (Shannonomyina).
Share farming 37662 46414 46529 46531 71235 80372
Austria *10469
Chile *19086
France *37677 *46388 *63278
Germany *27810 *37660 *37680 *55523
Italy 71580 *9860 *9950 *19132 *27669 *27680 *34998 *37539 *63273 *63630 *71263 *71264 *71588* 80254 *88510
Item
Share farming--Cont.
legal aspects
France *80394
Italy *19081 *27659
Spain *10504 *10505 *10506 *27843 *46420 *46546
legislation
Italy *63635
Mississippi 72132
Sicily *55545
Southern States 88665
Spain *10481 *63637
Shasta National Forest 57966
Shavrov N N *47046
Shawella n g *61274
Shea oil *62941 *62967 *79820 *79833
Sheds 35064
construction 35049
designs and specifications 53288 69403 78572 86391
Sweden 86410 86411
Sheep 33617 33632 *5618
adaptation 24186 85044 *24132 *60347
Africa 32469
anatomy and physiology 5656 5683 16008 16023 16028 24146 33578 33582 42894 77006 *5402 *15995 *24153 *24159 *24169 *32309 *33608 *85046 *93143
and diseases *59698
Arabia 33624
Argentina 5627 *45630 *77021
Australia 24112 *42977
Belgium *24201
Brazil *85071
breeding 5616 5617 5624 15963 15971 24144 33553 33644 42901 42903 42912 50999 68203 85042 85049 85067 93138 93139 93141 93144 *5618 *15334 *24134 *33548 *42911 *51772 *51779 *54120 *68207 *93134
Africa *68210
Argentina 85044 *24125 *68219
Australia 33522 60304
Brazil *93125
Canada 15983 76975 *42893
Chile *68213
Cirenaica *60319
effects of feeding 5652 5677 68230 *24143
Germany *24114 *68201 *68208 *68211
Russian Zone *85046 *85068
Gt Brit 15973 33530 36529 51793 *42904
history 93137
Hungary *42889
hybridization 23067 33525 36619 42895 42913 85044 *5629 *85043
Argentina *60327
Gt Brit 24123
Norway *42909 *51795
Sweden *51799
Union of South Africa 5628
U S S R *24116 *85051
Italy *51794
Netherlands *68221
New Zealand 5619 60310 60322 68198
Norway *51864 *67462
Peru 5615
Quebec 60325
Switzerland *51801
Union of South Africa 42890 51797 60328 76965

*Text of this reference is not in English.

Item

Sheep--Cont.
breeding--cont.
U S S R *24116 *24118 *24121 *32205 *33528 *33535 *33537 *33542 *33549 *33551 *42910 *51787 *51789 *51790 *60305 *60314 *60315 *60318 *60329 *62850 *85052
Uruguay *15962
Yugoslavia *51784 *85053 *85056
breeds 5617 5622 42897 54617 60328 76103 76955 76962 76969 85045 93137 *15334 *32205 *33523 *33633 *42904 *51777 *51788
Altamura *5630
American Merino 68208
Argentine Merino 5627
Arkharmerino *24135
Askanian Rambouillet *5610
Ausimi 85038
Australian Merino 15963 16025 33547 36519 37569 42930 46938 60330 68205 68212 68225
Biella *24131
Border Leicester 33545 54612
Cheviot 15968 33525 33554 51773 54622 68204 68214 68215 93127 93129 *5644 *51818
Columbia 15967 33525 42901 93133
Comiso *51796
Corriedale 5635 15976 15982 60317 85055 *85057 *93125 *93130
Cres Island *93135
Dagestan Mountain *42891 *51781
Dala *76970
Dorper 15978 *5623 *5633
Dorset Horn 76961
Down 51775
Georgian *33538
German Blackheaded Mutton *68201
Greyface 5616
Grozny (U S S R) *60324
Gujarati 15980
Hampshire Down 42970 76961 *5612 *15966 *51776 *93126
Improved Apulian *5630 *85069
Improved Gorodets *24120
Karakul 5628 51782 51797 85058 *5609 *5625 *15965 *15975 *24125 *24130 *24134 *24188 *33536 *33540 *33549 *33559 *33564 *33569 *33627 *33641 *33642 *37614 *42889 *51798 *60305 *60313 *60316 *60327 *60329 *60331 *60345 *60360 *60362 *62837 *68207 *68210 *68217 *68219 *70900 *76958 *85039 *85047 *85062 *85070 *93143
Kuibyshev *33550
Latvian Dark-head *60332
Lecce *5630
Lincoln Longwool *60347
Massa *16040
Merino Landschaf *5636 *68211
Mutton Merino *68197 *68213 *76966 *85068
Namakwa 5628
New Zealand Romney Marsh 5619 42906 68214 68220 85048
North Country Cheviot 33543

Item

Sheep--Cont.
breeds--cont.
Pramenka *93142
Préalpes du Sud *51810
Rambouillet 42892 68206 93144 *76973
Romanov *33561 *33571 *35933 *77019
Salsk (U S S R) *24113
Sardinian *42902 *85040
Scottish Blackface 32829
Shetland 5626
Shirazi *33535
Shropshire 68196 68203 93140
Skudde *60369
South African Merino 15969 15972 15977 42894 42907 60382 76965 79304 85059 85126 *24119 *24133 *42899 *70488
Southdown 42970
Soviet Merino *24126 *51792
Spanish Merino *68209 *93131
Stavropol Merino *33546
Swedish Landrace *5644 *51818
Targhee 18109 85041 93124
Texel *51794 *68221
Tsigai *68218 *85052
Upper Visso *5631
Welsh Mountain 51793
Zetska zuja *93136
California 68212
Canada 24199 60308
carcasses 5714 76980 *54643 *70851 *79738
care 4249 5702 5710 5711 5718 7044 16036 24194 24206 24214 33554 33614 33618 33625 33637 33644 42978 42979 42991 51862 51884 60380 60384 60385 68277 77039 84010 85135 85146 85166 93127 93185 *24189 *33628 *51868 *51882 *59875 *60378 *77013 *85143
Argentina *51798
France 85152 *24211 *85140 *85150 *85156
Germany
Russian Zone *85070 *85141 *93191
Gt Brit 33621
India 5722
Israel *16041
Montana 51875
New Mexico 93194
New York 5725
seasonal 33623 *5715 *16035 *93191
Germany
Russian Zone *85159-*85163
Norway *42918
U S S R *51858 *76976
Spain *42984 *85158
Tunisia *68271
U S S R *24113 *24203 *33626 *33634 *33641 *33645 *42985 *51792 *51865 *60366 *68274 *68281 *85138 *85164 *93188
Vermont 77018
color *15975
Colorado 33635
conferences and congresses *5716
contests *85148
cooperatives 18541 24198 26843

Item

Sheep--Cont.
costs and returns 5702 33625 42978
Australia 10387 19174
Germany *55455
Gt Brit 19187
Montana 80261
Northern Great Plains 80262
Norway *46458
Union of South Africa *37614
Uruguay *71655
culling *33642
dipping 24690 51871 85111 85337 *5657 *5690 *25276 *43373 *43396 *52341 *69172 *78385
diseases 6568 24163 33591 33602 42960 59687 68242 68243 68257 *5663 *5689 *24189 *51841
Australia 85118
control 51842 *85102
Gt Brit 51105
Iceland *16009 *16011
immunization 85128
Indo-China *42940
Israel *4628 *42967
New Zealand 24152
treatment 4604 42965 51825 *24162
Union of South Africa 42937
enclosures 25488 25495 69384 *7369 *51784 *60386
equipment 7044 24214
estrus 5733 24164 51850 85131 *75730 *85108
Europe 54583
farms and ranches
Argentina *55392
Australia 80318
Chile 5719 68272
Germany *19103
Russian Zone *88463
Gt Brit 5717 19104 24212 24218 37509
Intermountain Region 88484
Italy *51794
management 33619 37546 *16022 *51856 *51861 *51879
Montana 80261 80262
Maryland 19130
New Zealand 74334
Peru 68272
Sweden *15965
Union of South Africa 60382
U S S R *24116 *24205 *24208 *33610 *33633 *63551 *77019 *77024 *77027 *85164
feeding and nutrition 5617 5639 5640 5643 5648 5650 15981 15984 15985 15992 24139 24142 24144 24157 32605 32627 33563 33573 33625 36681 37546 42919 42920 42921 42926 45747 60335 60336 60338 60340 68225 68229 68230 76312 85079 85084 85122 93146 93147 93150 *5649 *5715 *33569 *33572 *42917 *42927 *51818 *51882 *85072 *85086-*85088
Australia 5645 33557
Canada 68231
deficiencies 5645 16010 24136 33557 42936 42966 51809 60344 68223 76977 *5637
feedlot 51863
France *42925
Germany *5647
Russian Zone *85089
Montana 5652

Item

Sheep--Cont.
feed and nutrition--cont.
New Zealand 5638
pasture and range 5635 23067 23266 24150 29794 32680 51806 51812 57324 67558 76977 82969 84185 84271 85074 85131 *3536 *29783 *51803 *51810 *51856 *51879
Australia 51823 85101
Germany *29674
Norway *29776
Union of South Africa 51808
U S S R *33556 *33564 *33567 *51807 *51858 *60346 *76982 *85076 *90380 *91442
seasonal 5651 33565 42082 42928 51815 51816 93145 93148
Australia 33558 33566
Germany
Russian Zone *85073 *85090
Norway *42918
U S S R *33567 *76976
Sweden *5644
Texas 85082
U S S R *24113 *33542 *33559 *33570 *60337 *60345 *62313 *62314
Utah 68206
fertility 5652 15969 42908 51802 51817 51822 68200 68204 68215 85059 85091 *33534 *33544 *68199
flockbooks 3840 24112 33522 60308 60322 *76974 *85071
Border Leicester 5634
Cheviot 5613
Corriedale 60304 60310
Dorset Down 76959
Dorset Horn 76960
Hampshire Down 5608 76967
Kent or Romney Marsh 15974
Kerry Hill 5620 24117
Leicester 76968
Lincoln Longwood 5621
New Zealand Romney Marsh 33539
Wensleydale 60334
folklore *51886
France *51777 *76425
French Equatorial Africa *76958
fur production 51782 *60331
genetics 5733 15310 24127 42906 51783 *15975 *68197 *85037
Germany *5636 *24193 *24204
Russian Zone *85066 *85153
grading 9316 51863 68268
Gt Brit 5708 16037 71817 76103 77015 77030 85171
Scotland 33616 85123 *42986
growth 29702 51817
habits and behavior *60369
history *51870
Australia 24190
Canada 18523
Union of South Africa *68217
hornless 50999
housing *5715 *61591
Germany
Russian Zone *85141
Spain *25480 *44255
U S S R *61558
Hungary *42889

*Text of this reference is not in English.

Item

Sheep--Cont.
hybrids 5616 33527 33614 68204 68214 68215 76955 76962
U S S R *60311 *70885
Iceland *77009 *77016
identification 33636 70489 *16034 *33638
equipment 5712
in art *51886
in literature *45628 *51886
India 85165
industry 26797 42987
Afghanistan 85058
Algeria *54568
Argentina 5703 9179 *26789 *26796 *36503
Australia 16033 62780 95318 *18496 *26779 *62772
Canada 18523 *36517
Chile 5719 *42997
France *51869
Germany *36500 *95220
Gt Brit
Scotland 24196
Italy *18513 *70803
Nebraska 87697
New Mexico 26797
New Zealand 24216 62808 68275 *18496 *26779 *62772
North Africa *70782
Norway *70808
Pennsylvania 36486
Sweden *54588
Texas 87729
Washington 62800
Western States 79665
Israel 54583 *5713
Japan *42914
judging 42974 60389 *24215 *42899 *85169
Kansas 16030
labor 37202 *18907 *27381 *51868 *68218 *93188
lactation 15984 *16002 *60390 *85040
marketing 9273 54612 54617 54622
meat production 5708 5714 16039 24207 51876 68231 77025 95006 *85143
Australia 42994 62791
effects of breeding 33553 42897 *5630 *5631 *42911
France *51880
Gt Brit 32829 51877
Iceland *60388
New Zealand 24195
Spain *24124
U S S R *70855
metabolism 5691 60336 68253 68256 76390 85074 *51849 *60347
milk production *60390 *85141 *85143
effects of breeding *60316 *68216 *85040
effects of feeding 85092 *85078
France *53992
Germany *24200 *68266
Russian Zone *85142
Italy *5715 *42902
Portugal *60350
Spain *85158 *93181
milking *4807 *24208
mortality *60370
multiple births 5677 5678 *24143 *24188 *33570 *42972 *60388
New Jersey 93186
New Zealand 5622 15968 85048 *42977
Norway *33523
parasites 5660 5664 5667 5679 5698 5699

Item

Sheep--Cont.
parasites--cont.
16013 16018 42958 51830 68248 85093 93179 *15997 *16004 *33603 *51841 *68258
Canada 42968
control 33579 42956 60374 85109 *5657
France *93161
Gt Brit 60785
India 24179 24181
New Zealand 16027
transmission *4563
treatment 76998 85137
Wyoming 5675 5693
parturition 41831 42939 51842 68229 68247 *16035 *24160 *33548 *60366
pedigrees 15982 *85056
pests 16684 25139 43372 52510 60749 61307 *24700 *25134 *77842
control 24185 34178 34200 60939 77231 85337 85567
poisoning 2394 4532 24151 24155 40308 42962 51209 51822 51823 *2353 *42955
Australia 5655 85101
Iceland *51852
policies and programs 36018 45639
Canada 87718
New Zealand 87758
North Africa *85144
U S S R *36478 *36496 *45626
predators 24210 33609 51862 *33613 *77010
pregnancy 5639 15984 16000 42936 51813 68246 *5644 *16017 *60358 *85066
prices 54612 54617 54622
products 87791 *51870
records and testing 16032 42982 68196 *85142 *85168
Brazil *76974
Germany *68266 *85139
Russian Zone *85149
Iceland *33631
New Zealand 68214
Norway *42975
research 42998
sanitation
New Zealand 24152
selection 15967 15972 16032 33543 33643 *24126 *33540 *51772 *51774 *51860 *68216 *85069
shearing 33612 33639 53288 68269 68278 70489 77022 85145 85155 *5704 *24197 *24213 *24217 *33615 *77040
Australia 51881 93189
equipment 7171 69166 *25273 *34832
Germany *42999
sheds 86391
Spain *5707
U S S R *24192 *63321
Yugoslavia *85157
shows 33640 93185
Algeria *77036
Australia 5721
Germany *24215
Russian Zone *83995 *85147
Gt Brit 16037
Iceland *33630 *33631 *77029
Italy *16040
Norway *51864
situation and outlook 9199 9201 9209 16039 18509 26813 26814 36518 54130

Item

Sheep--Cont.
situation and outlook--cont.
62777 62782 70792
Australia 36519
Azores *9183
Canada 95240
Germany *26792
Italy *45628
Sweden *45620
Wisconsin 95248
slaughtering *85144
statistics 36681 45747 70896 87817
Australia 26906 70897 79766 95318
Germany *9376
Gt Brit 36529
Iceland *62887 *79767
Italy *79768
Mississippi 62888
New Zealand 18604
study and teaching 24198 37773
surgery 51845
Sweden *51883 *51885
temperature 15994
Texas 38229
trade 85055
Australia 46938
Mexico *63848
Morocco *72080
New Zealand 85055
transhumance 85152
93192 *5716 *33568 *51873 *60346 *68209 *77012
France 42928 42993 *51878
transportation 4249 5687 *79711
Tunisia *32884
Turkey 54583
types 5714 76955 93138 *24124 *33544
fat-tailed *16034
France *24211
Spain *93131
Sweden *5611
U S S R *24132 *60318 *68202
Union of South Africa 3840 15977 *24119
Uruguay 68273 *93183
weight and measurement 15969 68247 93129 93147 *5636 *24188 *60350
West Virginia 33629
wool production 16001 16008 24202 24207 42982 51783 51876 60335 68265 68277 76962 77025 77038 93137 95006 *5709 *24187 *33544 *33645 *36049 *51860 *60378 *62409 *68282 *85167
Australia 54071
Chile *76966
effects of breeding 24128 42897 60321 60333 68204 68220 70484 76955 85038 *33528 *33537 *33551 *93135
U S S R *5616 *60311
effects of feeding 15984 15985 15990 33570 42930 51805 51814 51817 60333 60342 76977 85084 85091 *51807
Germany *77037
Mississippi 16038
Netherlands *93193
New Zealand 24195
Spain *77035
U S S R *24121 *33622 *51790 *60313 *70359 *77031
Yugoslavia *93136 *93142
See also Dual purpose sheep; Lambs; Rams; names of anatomical parts, diseases,

Item

Sheep--Cont.
See also--cont
parasites, and products; and under Anesthesia; Artificial insemination; Blood; Castration; Cesarian section; Fetus; 4-H Clubs; Future Farmers of America; Photography; Semen; Serum.
Sheep biting louse. See Bovicola ovis.
Sheep brooders 44036 78395
Sheep pox *5674 *33577 *51820 *60372
Sheep sorrel. See Rumex acetosella.
Sheep tick. See Melophagus ovinus.
Sheep's milk 85092 *24201 *24208
analysis and composition *85078
Germany *24200
Italy *26026
Portugal *62048
products *53992 *87099
Shell bark
lemons 294 64411
Shelterbelts. See Windbreaks.
Shelters. See Barns; Sheds; and under specific subjects.
Shepherds *27417 *33626
Sherbets 26141 35843 53989 54366 62258 70285 79153 87095 87119 94717 94881
Sherry 44693 44727 53631 *17742 *17794 *35569
Shevchenko P M *31673
Shevchuk M G *53996
Shevyrev I IA *64054
Shigella 4929 6532
Shigella equirulis 92838 *76650
Shingles 61633 94413 *3620 *32015
Ships 9027 67123 75543 87994 *26512
fumigation 68396 68438
wood 15034 50077 83687
Shock *4879 *23622
Shoes. See Footwear.
Shorea 22433
Shorea robusta 91682
Shortia galacifolia 64183
Shortleaf pine. See Pinus echinata.
Short-wave. See Hertzian wave.
Shoshone Irrigation Project 31168
Shoshoniulus n g 16480
Shosobius n g 60758
Shot hole
cherries *24879
plums *19937
Shoulder *4221 *84706
Shreve F 19647
Shrews 23966
Shrivel
olives 13019
Shrubs 1931 2100 2111 21050 21079 21226 30332 30384 40035 40041 50234 57636 57667 57698 57772 57979 72361 73998 82353 82425 90771 *3470 *13173 *13381 *30375 *57777
anatomy and physiology 48044 81721 *39103 *90091
Australia 1917
Austria *40148
Canada 13349
Denmark *68553
dwarf 1995 2018
Europe *65584 *72399
Florida 19846 74080

*Text of this reference is not in English.

Shrubs--Cont. Item
for various situations 1974 57675 82345 *13219 *40082
Georgia 39952
Germany *22270 *38453 *49052 *56221 *65703 *65704 *90848
Gt Brit 2106 21180
hardiness
Canada 30191 57650
identification 65723
Minnesota 65767
Netherlands *1986 *57718
North Dakota 19838
Northeastern States 21935 38439
Norway *73995
Pennsylvania 56213
pests 43150 52072 60591 88501
propagation 21227
pruning 1890 39658 48930 48978 49018 *13347 *90731
seeds *58834
Southern Rhodesia 14467 38468 50192 66874
Spain *48718
street and roadside 82351
Switzerland *20860
transplanting 39985 90750 *53028
Union of South Africa 57776
U S S R *21127 *21157 *28901 *30246 *31642 *31655 *31732 *31737 *58713 *58825 *75323 *89275
varieties 13246 21061 21114 48922 73993 74072 74121
Wyoming 19811
Shtelman S I *59773
Shumilov A A *71158
Shungenskaîa Mashinno-Traktornaîa Stantsiîa *29745 *29787
Sialis lutaria *43927 *69048
Sibinia primita 85609
Sicily Istituto Sperimentale Zooprofilattico *32407
Sickles 17341
Sida rhombifolia *21382
Sidemia 78209
Sideridis ewingi. See Persectania compositae.
Siderítis 80954 *56212
Sideroxylon *115
Sideroxylon ferrugineum *175
Siebenhüner A *80754
Sierozem soils
U S S R *21508 *30838 *40606 *91258
Sierra Leone Dept of Agriculture *63996
Sierra Leone Produce Marketing Board 94553
Sierra Leone Survey and Lands Dept 88519
Sieve-tube necrosis
citrus 90088
Sieversia glacialis *89368
Sigara 43634
Sigatoka
bananas 11934 *64493
Sigelotroxis *85756
Sigibius 60758
Sigmocheir n g 6352
Sigmogonotropis n g 77622
Silage 3961 70323 70324 73508 79205 87163 92215 92218 *1393 *41678 *42103 *54029 *62312 *65139 *67895 *94910
alfalfa 4526 8406 59567 76178 84203 *67323
analysis and composition 3848 8343 67252 67585 79197 94900 *15064 *18056 *50743 *75772 *87150

Silage--Cont. Item
apple waste *3909
Austria *1122
beet tops 75750 83752 83794 92207 *3874 *32252 *42076 *75767
beets 1438 22841 *51940 *65160
waste 92207 *15089
Belgian Congo *1366
Bromus 4526
chemistry 83778
clover 3848 67252 67253 *50785
corn 3922 22874 23242 32677 42037 48262 67310 68226 75748 76165 84203 92233 *41740
cornstalks *3933
costs and returns 8406 32235 34874 80337 *22798
digestibility 67251
dried *42042
equipment 6960 25362 34875 44111 52989 61371 78474 *7038 *34885 *53123 *69248
feed 3890 4442 4468 5650 23191 32600 42092 50700 50719 50795 51586 59195 75797 75814 76177 76206 83798 92224 92560 *15357 *18056 *32669 *42063 *67289 *76195 *83799 *84159 *84229 *87139 *94916
fish *15107
fruit *15115
Germany *22818
grass 3848 3863 3927 3933 32239 41699 41714 41728 50723 59252 63590 67252 67253 67264 67589 69447 75741 75796 75807 75813 83791 88554 92221 92568 *67263
analysis and composition 3849 62293
Brazil *41763
feed 15344 22852 32230 32616 41675 41720 59562 59567 75791
preparation 3845 15055 15111 41675 41679 41692 41709 41723 50688 50719 50747 50765 59165 59177 59178 59192 59201 59232 59233 59241 67288 67302 67303 75738 75754 75759 75765 75791
research 92238
storage 17498
Gt Brit 4474 59214 75748
hydrogen-ion concentration 41728 59165 *15064 *76151
Iceland *51852
Japan *92227
Jerusalem artichoke *59602
kale 1438
legumes 67302 *3874 *83768
moisture 48490
molasses 3956 67260 75766
Netherlands *15064
North Africa *83769
Northern Ireland 67570
nutritive value 3848 3863 4491 41686 42060 67252 67550 *15116
pea vines 42069
pea waste *3923
potatoes 3925 22813 68316 92234 *5239 *5785 *22865 *24258 *24267 *32972 *33689 *51940 *60441 *69455 *83796 *92200
Germany *94358
Ireland 22815
Netherlands 3847

Silage--Cont. Item
preparation 3869 3883 3890 3901 3955 22782 22864 32262 32265 32268 32285 41683 41726 50700 50720 50744 50754 50792 59187 59239 59250 67260 67282 67299 67318 73508 75792 75799 75808 75813 83728 83760 83778 83798 92184 92216 92224 *3875 *3900 *3930 *3937 *15056 *15077 *15088 *15104 *15115 *22824 *22833 *22846 *32226 *32271 *32290 *41734 *41746 *41760 *42076 *50685 *50714 *50734 *50750 *50767 *50780 *50782 *50796 *59173 *59225 *65151 *67254 *67266 *67268 *67272 *67286 *67290 *67300 *67317 *67323 *67324 *73605 *75755 *75760 *75761 *75764 *75789 *75794 *75800 *78629 *83736 *83781 *86286 *87139 *92181 *92196 *92230
Denmark *3893 *22798 *48478 *50770 *50771
equipment 34994 53119 78478 78479 *25347 *25363 *25371 *34917 *34925 *44073 *53083 *53099 *78484 *78486 *78489
Sweden *27351
U S S R *7157 *34919 *53085 *53118
Finland *32646
France *83756
Germany *41765 *59196
Gt Brit 83787 92192 *37592 *50773 *67316
Hawaii 32266
Iceland *12805
Italy *67312 *67571
Netherlands *3887 *22799 *25371 *92186
Norway *3858 *41693
Puerto Rico *3933 *44314
Sweden *41721 *50686 *50712 *59164 *75739 *92185
U S S R *22785 *23189 *32234 *32275 *32280 *32281 *32644 *50692 *50785 *50803 *59166 *59219 *59256 *71350 *75806
proteins 67251 83778
quality *59555 *59599
rice *3938
sampling 87166
straw *59224
Sudan *59176
sugarcane tops *3933
sunflowers *50785 *57244 *57321
Sweden *20656 *42614
Switzerland *3889 *9380
turnips *32220
U S S R *50739 *50745 *50790 *53309 *90261 *90339 *92210 *92572
vegetables
waste *59256
Silene *38475
Silene antirrhina *11492
Silene nutans 28543
Silica 32180 *27072
in plants 64402
in poultry nutrition 5280
in soils *13787
in wood 92009 92010
Silicates *31267 *49420
Silicon
effects on plants 81594
Silicones 94591
Silk 94958
analysis and composition 62389 87183
associations *62368 *70381

Silk--Cont. Item
conferences and congresses 8492 45242
folklore *8425
industry
China 70370
India 18162
Italy *18072 *70345
Japan 87292
U S S R *79233 *79323
Japan 8531 18162 35991 54139 *70355
packing 79314
prices 54139 79313 *70355 *70413
processing 70367 79314 *8504 *35965 *54149
properties *87172 *94970
public relations 79235 *70398
quality 8565 *26354
reprocessed 45235 *35930
situation and outlook 8471 8489 8561 54106 *26373 *26419
France *45147
Japan 8481
spinning
cooperatives *70387
synthetic
Pakistan 8543
textiles 8530 45237
waste *36082
See also Sericulture.
Silkworms *52867 *78242 *78247
See also Antheraea pernyi; Bombyx mori.
Silky thread blight 64499
Siloferm *59164 *92185
Silos 7368 17443 17501 34940 53310 69121 86456 *3609 *50796 *69440 *70715 *94467
Argentina *9011
construction 22782 22815 61643 *7363 *7365—*7367 *17500 *25526 *44312 *69438 *69441
Austria *53313
U S S R *25523
Denmark *25518 *25519
designs and specifications *44294 *61641
drainage *7366
Germany 61638 *35137
loading
equipment 52979
maintenance and repair 78644 *69448
pit 18434 44315 44323 61636 *44317 *50712 *86461
rammed earth 86460
stack 75741 75797
Sweden *25526
trench *7361 *17497 *25520 *35133 *41679 *44323 *53321 *61405 *78635 *78641 *78645
types 35140 50754 59178 61637 61638 67303 69447 78635 78643 94470 *7359 *44324 *86451 *86452
Denmark *78629
Germany *44311 *53320 *69441
Iceland *78638
Puerto Rico *44314
Sweden *44318 *86453
underground
Argentina 87531
Paraguay *9003 *17499 *18392 *25524 *53312
Union of South Africa 78373 86454
U S S R *61639
ventilation *3938
wood *78630
Silpha opaca *52423

*Text of this reference is not in English.

Item

Silphium. See Ferula.
Silt. See Sedimentation.
Silveira A R da *11279
Silver *17690
Silver fir. See Abies alba.
Silver leaf
apples 437 28944
fruit 11796
peaches *47506 *56429
Silver nitrate 29474 90168 *48093 *53795
Silver-spotted skipper. See Proteides clarus.
Silvestri F *19655 *28303
Silviculture 83377 *31656 *41208 *83373
Argentina *14556
Australia 41157
Austria *58779
Belgium *50265
Bulgaria *31635
Burma 83380
Cameroun *75317
conferences and congresses 50261
costs and returns
U S S R *31420
Denmark *14567 *31634 *91743
equipment *58775
Norway *75287
U S S R *22297 *31663 *75275 *75289 *75382 *83388
Europe *75241
Finland *75066 *83383
France *3276
Germany *3409 *14569 *22308 *31477 *31643 *31657 *31658 *41183 *50262 *50269 *50271 *50278 *58769 *58782 *75242 *75250 *75255 *75262 *89792 *91745 *91750
history
U S S R *50282 *91766
Iceland *41182 *50263
India 83376
Italy *3407
Japan *50267
labor
U S S R *22115 *22297 *58762
Montana 91785
Northeastern States 91773
Norway *3439 *14564 *31810 *58794
policies and programs
Germany *75044 *83369
Russian Zone *75061
U S S R *22155 *31745 *75253 *75300 *91769
Portugal *22109
research
Australia 31653
Germany *14580
India 14558
Minnesota 66941
U S S R *58781
Venezuela *66795 *66806
statistical methods *58834
Sweden *3401 *3417 *14567 *22315 *75195
Switzerland *31645 *58766 *66924
Tanganyika 3392
Tropics 83368 *41184
U S S R *31632 *31650 *31651 *31654 *31661 *31667 *31668 *31673 *31674 *33793 *38200 *41191 *50117 *50264 *50268 *58768 *58774 *58777 *75258 *75310 *91607 *91749 *91754 *91758 *91763 *91764 *91772 *91782
Yugoslavia *75286
See also Forestry; Forests; Reforestation; Tree farms; and names and classes of trees.

Item

Similoopsis n g 68644
Similosybra n g 68644
Simmondsia 28568
Simobius 60758
Simodactylus 60885
Simuliidae 77870
Alaska 60982
and disease *52563
control 16750 60985 85719 85745
cytology *68862
habits and behavior 52520
Labrador 85741
Simulium 60982 77834 *16733 *52525 *68862
and disease *77912
Simulium adolfolutzi *24883
Simulium exiguum *24884
Simulium griseicolle 24809
Simulium ignescens *24883
Simulium jujuyense *24884
Simulium neavei 6544 43499
Simulium onchraceum 43564
Simulium opalinifrons *24884
Simulium romanai *24883
Sinablatta n g *6874
Sinaidiaspis n g 16800
Sinapis arvensis. See Brassica Kaber.
Sinclair Sir J 38204
Sindora 22730
Singapore Dept of Co-operative Development 37987
Single tax 37160 37168
Sinipta
Bolivia *17124
Sinking fund *94725
Sinningia 13175 30365 40100 65748 82380
diseases 81132
hybrids 82439
pests 85421
Sinningia speciosa 2055
Sinnissippi Forest 3594
Sinoxyd F 58844
Sinus *59959
Sinusitis
cattle 42221
dogs 84528
geese *5335
turkeys 60140 60141 68052
treatment 5316 42642 42655 60126
Sioux City Stock Yards Co 45677 45678
Sipalia *6486
Siphona irritans 8095 43515 52531 68769 68770 *60940
Siphonaptera *78254 *94204 *34377
Siphonia. See Hevea.
Siphonophora rosae *93944
Sirex 52718 68910 77998 78009 78017 *34540
Australia 52693 52711 52717 52721
Sirex Wasp Committee of Inquiry 77998 78009
Siricidae 24986 34513 68883 68892
Sirups 9678 63103 95528 *24619 *61699
Sisal
Africa 1302 35970
bacteria 26312
Brazil *8520 *12705 *20611
Comoro Islands *39413
culture *39432 *48369 *81921
fibers 54164 *26424
industry *36060
marketing 18158
planting *81922
processing 79270 *36061
tests *36058 *36059
utilization 87286
waste 26335
See also Agave.

Item

Sisal Research Station Mlingano 1300
Sishanaspis n g 43653
Sisymbrium 72357
Sisymbrium pinnatifidum *47558
Sitodiplosis mosellana 16670
Sitona *43417 *43475 *68700
Sitona cylindricollis 6448 16604 16659 60850 68656 77794 93742 93785
Sitona lineata *24777 *68441
Sitophilus granarius 24759 68651 93802 *16537 *24774 *34240 *52428 *68709 *77783 *77807 *85680
anatomy and physiology 24768
control 34253 *24767 *52456 *68655 *85633 *85640 *85676
Sitophilus oryza 6490 16537 24733 24759 34232 68693 77698 77724 93802 *93790
Sitotroga cerealella 25053 52815 78137
Sitticus 34184 *24685
Sium suave 42249
Six-spotted leafhopper. See Macrosteles divisus.
Six-year plan
Pakistan 63390
Poland 80207 *22892 *23063
Size (Textiles) *87255 *94965
Skagit County Dairymen's Association 17994
Skandinaviska Kreatursförsäkringsbolaget Stockholm *27318
Skaraborgs Läns Fröodlingsförening *54864
Skaraborgs Läns Hushållningssälskaps Veterinäravdelningen *50905
Skaraborgs Läns Kontrollförening *51344
Skatkin P N *23581
Skeletons 5375 76853 76854 92764 *4100 *42861
Skin 59383
cats 32922 76571
cattle 4622 15397 42233 84404 92499 *59755 *76345
diseases 42206 84280 *4703
grafting 41941
diseases
treatment 67344 *41912
dogs
diseases 32922 76538 76546 *23510
guinea-pigs 23704
horses *76652
diseases 5071 *33067 *84656
grafting 92865 *15685 *42453 *92860
tumors *42477
livestock
diseases 4121
minks
diseases *4970
poultry 33339 68071
sheep *24126 *42948 *85062
swine 33728
See also Hides and skins.
Skis 14970
SK-9 preparation *24714 *25132
Skoghalls Fruktodlareförening *39748
Skriabin K I *92301
Skulls 23989 42363 76509
Slag 74449 74947 74950 *31285 *73235 *74948
Slash 3500 3523 50356 50584 83440 83655
burning 49530 50297 50298
Canada 22498

Item

Slash--Cont.
disposal 50354 50357 50365 50375 75270 75375
hauling
equipment *31871
Idaho 22489 22499
utilization 32119 *41577
Washington 14746
Slash pine. See Pinus caribaea.
Slaughterhouses *32146 *63875 *67447 *75992
Australia 18542
Brazil *4230
Canada *67455
sanitation 75969
Slaughtering 4248 9308 32438 83889 83977 83993 *41891 *41933 *92267 *92310
Colombia *26900
Dominican Republic *26875
France *4228 *59358
Germany 9294
Gt Brit 9302 32472
legislation
France *59431
Norway *41929
occupational diseases *59347
quotas 4237
regulation and inspection *36607 *92366
statistics 79769
Switzerland *4225 *32465
See also under names of animals.
Slavery 63329
Southern States 37869
Union of South Africa 63348
Sleds 22458 22462 22472 *31881 *41340 *50423 *50424
Sleeping bags 31781
Slobbers. See Malocclusion. 15958
Slugs 38583 50349 89498 *40491
Small Tree Act (Nova Scotia) 83275
Smartweed borer. See Pyrausta ainsliei.
Smelowskia 56207
Smerinthus *16958
Smerinthus ocellata 78093
Smicromyrme *16905 *78027
Smilax 47238
Smilax hispida 12143
Smiliophanus 77732
Sminthuridae 6908
Smith C *11259
Smithfield Club 46780
Smithia *56276
Smittia *52554
Smog. See Industrial fumes.
Smoke 52540 69615
effects on bees *34087
See also Industrial fumes.
Smoke candles 91871
Smoke generators 94434
Smoke jumpers 22390 *66992
Smokey Bear 58856 75376
Smooth brome. See Bromus inermis.
Smut
Asia *28693
barley 20035 28937 47483 47586 64516 81240 81264 *72773
Bromus carinatus 56536
corn 11793 *11830 *81273
Echinochloa colona 38764
Germany *89680
Gladiolus 455
grain 488 11771 11840 *11759 *11822 *11829 *38698 *47495 *56469
grasses 47547 56498
millet *47461 *64524
oats *72742

*Text of this reference is not in English.

Item

Smut--Cont.
rice *47584
wheat 387 389 467 486 11781 20006 28885 28900 81275 89661 *493 *11886 *44986 *64457 *89621
Snails 378 28751 *343 *28743 *47381 *64314 *84827
and disease *22972
control 16808 38583 *89560
in pest control 24405
Netherlands 28808
Snake bite
cattle
treatment *4644
dogs 4901 51403 *32943
Snake venom *32300
Snakes 19604 55962
Snape A Anatomy of an horse 42475
Sniploa *61070
Snoqualmie National Forest 31503
Snow 22396 31104 66974 75384 *3495 *11298 *49808 *83121
Australia 74515
effects on plants *29341 *31767 *39166 *47927 *56915 *75367
surveys 11301 40819 49915 58403 58461
Sweden *41259
U S S R *20646 *21887 *22403 *40796 *49929 *58465 *74744
Snow insects *68380
Snowia pulcherrima 78188
Snowia waltonaria. See Snowia pulcherrima.
Snowy Mountains Hydro-Electric Scheme 82989
Snuffles 33499 76942
Soap 9412 36722
Sobichevskiĭ V T *38219
Sobralia 90800
Sobralia lucasiana 56252
Social conditions 71766 95600
Africa 71765
France *10673
Germany *37073
Haiti 55599
India 44637
Iowa 27899
Italy *27903 *71204 *80428 *88383
Southern States 37064
Sweden *88276
See also Communities; Cost and standard of living; Health; Rural life.
Social insects 16142 *43739
See also Ants, bees, wasps.
Social organization 46602 *46260
Germany *37534 *37739 *55597
Gt Brit 10040 27897
India 46600 95936
Israel 27791
Italy *9823
Kentucky 10581
Latin America 55735
North Carolina 10592
Northern Rhodesia 45609
Pennsylvania 37741
Texas 27898
U S S R 10588
Social participation 10593 19461 28108 37741 46901
Social science 27894 71515 80432
Social security 9861 9864 18904 22414 27312 55054
Austria *37144 *71271
Belgium *88227 *88237
Brazil 27856
France *27308 *27317 *37139

Item

Social security--Cont.
France--Cont.
*46134 *46137 *63275 *63278 *63279 *88206 *88226 *88235
Germany *9862 *18903 *27313 *27315 *63277
Greece *88215
Italy *9860 *9873 *18902 *37136 *37146 *63273 *71263 *71264 *80064 *88207 *88231
Norway *71262
Spain *18907 *88216
Social welfare 71768 *10457 *37405 *55600
Brazil *10580 *10585 *95937
conferences and congresses 19283 46599
Germany *46715
Gt Brit 46605 88714 88715 95935
Haiti 19292
India 19287 19288 19297 46601 46603 46604 63674 63678 72004
Ireland 55604
Indiana 46667
legal aspects
France *27895
Negroes 63329
Philippines 46598
policies and programs 37946
Spain *37747
Switzerland *19282
Venezuela 27860
U S S R *53398
See also Children, welfare; Health; Relief and rehabilitation.
Socialism 19001 37461 71164 *19023 *46340 *71470
Austria *86626
Bulgaria *37390
Gt Brit 37278 37924
Hungary *95722
Pennsylvania 80310
U S S R *10220 *91928
Sociedad Agrícola del Norte *71962 *72002
Sociedad de Agricultores de Colombia *63817
Sociedade de Agronomia do Rio Grande do Sul *46879
Sociedad Ganadera de "Laguna Blanca" *42997
Sociedad Ganadera Gente Grande *67457
Sociedad Nacional Agraria *10922 *28099 *55794
Sociedad Nacional de Agricultura *19059 *28065 *55795
Sociedad Nacional de Madereros y Forestadores *91912
Sociedad Rural Argentina *4232 *88866
Sociedad Veterinaria de Zootecnia *4184
Sociedade de Agronomia do Rio Grande do Sul *46879
Sociedade Nacional de Agricultura *88909
Sociedade Rural Brasileira *87291 *88909 *88915
Società Agraria di Lombardia *46766
Società Cooperativa Latteria Soresinese *42194 *42237
Società Produttori Zucchero *65270
Société Anonyme Supergran *27097
Société d'Etudes Chimiques pour l'Industrie et l'Agriculture 31280
Société des Agriculteurs d'Algérie *37989

Item

Société des Eleveurs d'Animaux de Race du Québec *41668
Société des Experts-Chimistes de France *35496
Société des Exploitations Agricoles et Industrielles de la Biaro *19134
Société Française de Transports et Entrepôts Frigorifiques *86586
Société Linnéenne *89188
Society of American Foresters 22128 75023
Society of Border Leicester Sheep Breeders 33545
Society of Commercial Seed Technologists 45960
Society of Plant Taxonomists 38212
Society of St Hubert 4949
Sociology *10587
Brazil *71763
history 37746 71766
Netherlands *19293
research 19290 27906 27920 55603 55605 80594 88709 88711 88718
study and teaching 10604 55607
Sweden *55602
Uruguay *19294 *27905 *46607 *55610
Södermanlands Läns Hushållningssällskap *96184
Sodium
determination 25872
effects on plants 12886 12395 89922 *984
fertilizers 40679 82833 *14000 *31248
in food 44671
in human nutrition 19535 19552
in insect physiology 94199
in plants *29451 *48145
in soils 66189 *2589 *21514 *40470 *82708
in urine 67951
Sodium acetate 23844 76349 76369 *39233
Sodium alginate 8211 *35523
Sodium arsenite 433 23302 30609 47518 85546
Sodium p-azobenzenesulphonate 3783
Sodium bicarbonate 32272 81729
effects on plants *73164
Sodium borate 74621
Sodium chlorate *13579 *40288 *43062
hazards and safeguards 22659
Sodium chloride
determination *44828 *53795 *94763
effects on dogs 4931
effects on livestock 4047
effects on plants 12252 12266 29199 *20398 *21849 *40529 *48037 *81591 *89924
effects on sheep 5654
effects on soils 13939
effects on turkeys 5297
fertilizers *13910
herbicides *20020
in animal nutrition 22860 *3966 *62309
in animal physiology *67917
in bee nutrition *24531
in cattle nutrition 4471 4512 51091 51147 67582 76219 *84361
in cattle physiology 4676
in cheese *70283

Item

Sodium chloride--Cont.
in food processing 18556 35751 87792 *95303
in human nutrition 28195 80675
in plants 12442
in poultry nutrition 23861 33202 42574 *23840
in sheep nutrition 42968
in swine nutrition 51908
statistics
Germany *9684
toxicity
swine *5828
turkeys 76785
Sodium chlorite 83661 *87225
Sodium citrate 76024 *76131
Sodium 2,4-dichlorophenoxyethyl sulfate 56784 56941 91031
Sodium dimethyl dithiocarbamate *89649
Sodium dithionite *3797 *36954
Sodium fluoride *51991 *68514
anthelmintic 22929 24287 43083 *5813 *24296 *60457 *77106
Sodium fluoroacetate 34525
Sodium fluosilicate 87798 *68514
Sodium hydrosulfite. See Sodium dithionite.
Sodium hydroxide 59212 *11900 *14904
Sodium 3-hydroxy-2-naphthoate 42638
Sodium hyposulfite 50622 75599
Sodium metaphosphates *18587
Sodium molybdate 12296
Sodium nitrate
fertilizers 91313 *30771 *58365 *66369 *74939
Sodium nucleate 48034
Sodium propionate 51261 92336
Sodium silicate *9508
Sodium silicofluoride. See Sodium fluosilicate.
Sodium sulfate 5656 *14904 *36616 *95295
Sodium trichloroacetate. See Sodium trichloroacetic acid.
Sodium trichloroacetic acid 2408 13561 13643 21371 29204 39011 82570 91096 *65960
Södra Dalarnas Fruktodlareförening *84038
Soft scale. See Coccus hesperidum.
Sogata 77933
Sogata furcifera
Japan *34495
Soil Association 82654 82792
Soil cement 44308
Soil conservation
1347 2681 2698 3016 3026 3032 3033 3037 3051 3052 3066 3068— 3070 3080 14142 14151 14154 14160 14170 14173 14180 14221 14223 14232 14235 21838 21920 21929 21961 21972 21973 31188 31196 31202 31204 31226 31229 34182 40548 40858 40866 40873—40876 40881 40891 40900 47037 49950 49951 49962 49987 58195 58501 58514 58525 58530 66593 66594 66596 66599 66611 66615 66616 66623 66639 66640 66656 66663 66668 74827 74835

*Text of this reference is not in English.

Item

Soil conservation--Cont.
74839 74848 74854 74857
74859 74861 74879 74881
74882 74884 74886 74887
74903 83048 83050 83052
83054 83063 83066 83068
83072 83078 83079 83082
83083 83085 83090 83099
83101 83107 83115 83116
83119 83129 83135 88493
88513 91473 91493 91494
91496 91499 *3052 *3061
*3098 *14148 *14153 *14158
*14175 *21923 *21937 *31209
*31218 *31220 *40539 *40872
*49961 *49992 *66602 *66612
*66632 *66641 *66650 *74829
*83059 *83092 *83097 *91371
Algeria *48409 *48410
*91471
Antilles *49967
Argentina 83109 *14209
*14210 *49589 *66651
as an occupation 49998
associations 83075
Australia 21970 49994
66620 73358 74830 74849
74851 74862 74900
New South Wales 14176
14206 74837 74893
Queensland 3060
South Australia 31203
Tasmania 3038
Western Australia 66598
Belgian Congo 83081
Belgium *66632
bibliographies 14174 14236
40895
Brazil *14228 *66662 *74883
*83047 *83098
British Colonies 21916
38342 83073
California 31190 74834
Canada 83087 91476
Ceylon 3039 21927 *66604
Colombia 83114 *58533
*66607 *74890
Columbia River Basin 49975
conferences and congresses
74877
contests 3021 83103
cooperatives 31185
Costa Rica 40864 *49972
costs and returns 49988
credit 9836 *63251
Cyprus 58511 83091
districts 3017 3022 3035
14198 14208 40860 58487
58488 58504 58510 58518
66619 66646 74896 83096
83117
Colombia *83126
Colorado 74899
Illinois 66667
Iowa 14212
Michigan 83103
Minnesota 3091
Ohio 31213
Oregon 14149
Puerto Rico *21945 *21968
*21974
Texas 14181 14227
Utah 21605
El Salvador *83046
equipment 3035 *21923
Fiji 58522
Florida 31186
France *14226
French Colonies 83074
Georgia 21924
Germany *74856
Gt Brit 31200 66539 86134
Greece 83134
Guatemala *40759
history 3020 49953
Idaho 58181
Illinois 14224

Item

Soil conservation--Cont.
India 40861 66645 74840
83060 *66604
Indonesia *14237 *66603
Iowa 14190 49978
Israel 66637 66638
Italy *49963 *75074
Kansas 14222 49548 49549
49550 74869
Latin America 74828 *3073
*21957
legislation 14212 31228
74899 83089 *14217
Maryland 21951 31211
Mexico 66621 83131 *3019
*14162
Michigan 40899 91486
Midwestern States 31215
Missouri 3056
Montana 3062
Morocco *3074 *83108
Near East *75383
Nebraska 14204
New Hampshire 74880
New Jersey 82782
New Zealand 31191 40883
46377
North Carolina 3059
North Dakota 3071
Norway 83093
Ohio 3027 10255 66655
Oklahoma 3065
Oregon 49983 74871 91489
Pacific Coast Region 74897
Pennsylvania 3043 83064
Philippines 21949 29862
31221 49991 66635
Poland *83062
policies and programs 3049
3085 3097 14164 37124
40579 40867 74875 80161
83065 83106 83132
Belgian Congo *21971
Chile *14217 *14218
Connecticut 3050
France *14202
Nebraska 40880
New Mexico 83061
North Carolina 21954
Puerto Rico *21938 *21925
*21947
Tunisia *14146
Uruguay *14184
Venezuela *3048
West Virginia 83100
Portuguese colonies *63455
Puerto Rico 3040 31183
*21928 *21939 *21950 *21952
*21956 *21962
research 14193
Sierra Leone 21967 31199
Southeastern States 14188
Southern Rhodesia 14200
40855 49957
Southwestern States 31225
74899
Spain *58499 *91500
study and teaching 3022
3094 14167 21918 58534
74885 83138 91498
Argentina 83110
Minnesota 74876
Oklahoma 3063
surveys 40901
Sweden *55346
Switzerland 74792 *10436
*74855
Tennessee Valley *2889
terminology 31223 58527
Texas 14205 14208 66642
66659 83077 83104
Transkeian Territories
66597 66622 66654
Tropics 40871
Union of South Africa 3036
14144 21941 31187 49973
49995—49997 74826 74852
83043 91497 *21933

Item

Soil conservation--Cont.
U S S R *21926 *21958
*40877 *40894 *49971 *58496
*58516
Utah 82962
Venezuela *66294
Vermont 3095
Washington 66624
West Indies 40903
West Virginia 83051
Wisconsin 21917 27600
83080 83120 83133 88191
See also Conservation farming; Contouring; Cover crops: Ponds; Reclamation; Soil erosion; Strip cropping; Terracing; U S Dept of Agriculture, Soil Conservation Serv; names of soil conservation districts; and subhead in soil conservation under specific subjects.
Soil erosion 1709 3087
3089 40885 40890 49980
49999 58519 66600 74443
74824 74832 74845 74874
75245 82703 83088 83130
91477 91491 *3018 *3023
*3046 *6953 *16224 *66658
*74895 *83122 *91475 *91495
Argentina *14213 *21955
*81959 *83112
Australia 14168 30822
74872 74889
Austria *31214
Belgian Congo *40898
Brazil *3084 *83056 *91474
California 21965
Canada 58513
Ceylon 66614 83071 88683
Chile 83118 *14147 *14155
*14165 *49985
China 91485 *29058
Colombia *3077 *14211
*14231 *40897 *58523
control 2688 3042 3090
14238 21505 21817 30735
31197 49966 49993 58500
58531 74853 74891 82926
*3025 *3028 *14163 *21930
*21931 *21932 *30678 *31193
*31194 *40865 *41271 *49954
*49958 *49959 *58497 *66591
*66649 *74838 *83044 *83057
*83058 *83125 *91482
Argentina *83127
Arizona 14241
Australia 21963 66608
74858 74870 74894
Austria *58521
Azores *49960
Brazil *3029
British Colonies 58508
by planting 3013 3031
3096 14171 14197 14207
14215 14220 14225 21935
29792 31181 31184 31230
40146 40417 40869 40902
49955 49969 49990 73518
74846 74850 74854 74865
75381 82772 *3030 *3078
*3088 *14143 *21940 *21975
*31195 *50379 *50383 *58512
*66657 *83042 *83137
Argentina *49974
Australia 74866
Chile *14219
Colombia *14230
U S S R *21959 *21966
*22393 *29729 *31198 *31207
*31212 *31216 *31217 *31694
*31797 *40857 *40884 *48477
*58505 *58515 *58517 *58713
*73509 *74833 *74842 *74843
*75382 *83084 *91483 *91488
Venezuela *66661
California 14161 21969

Item

Soil erosion--Cont.
control--cont.
Canada 58506 74863
Colorado 3082
French Colonies *3044
Germany *31707 *58524
*66633
Hawaii 3024 40863
India 3058 14177 14187
58532
Indonesia *66618
Japan 21942 *49968
Mexico *58509 *66634
New Jersey 40893
New Zealand 74873
Nigeria 14194
North Africa *58497
Oklahoma 40878
Oregon 83102
Philippines 14214 74864
Réunion *14183
Switzerland *91478
Texas 3057
Tunisia *14192
Union of South Africa
*66649
U S S R *31231 *58529
*66625 *74836 *91490
Uruguay *14201
Wisconsin 3012
Cyprus 49979
Ecuador *49965
Egypt 83094
France *14199 *58179
Germany *49989 *58495
*66605 *66627 *83070
Gt Brit 66652 74888
Guatemala *21944 *31210
*66629
history 83095
Honduras 83014
India 3079 58526 91480
Indonesia *66666
Japan *14186 *40853 *83121
Kansas 40879
Latin America 3047 74845
*3073
Mesopotamia 83094
Mexico 83140 *3019
Missouri River Basin 66613
Nebraska 30883
Netherlands *83049
New Caledonia 58520
New Mexico 3072
New York 21964
Nigeria 14179
North Africa *74847
Norway *3086
Philippines 21915 66636
Poland *83139
Puerto Rico *21922 *21948
research 40889
Spain *21960 *66606 *66665
*83113 *91500
surveys
India 14178
Sweden *3075
Switzerland 83136
Tennessee 40882 74902
Union of South Africa 14159
14229 66628 66669 74878
Uruguay *49976
Venezuela *49986 *66610
*66630 *66631 *74892
See also Raindrop erosion; Runoff; Sedimentation; Stream-bank erosion; Wind erosion.
Soil insects *16197 *16224
*21560
control 16237 52140 52149
60550 77239 77321 77790
78286 93375 93480 *33899
*43152
Canada 68383
Louisiana 93366
Puerto Rico 93819

*Text of this reference is not in English.

Item

Soil insects--Cont.
East Africa 60516
Finland 24694
Germany *52052
habits and behavior *52028
Soil science 13742 21484
30721 30724 30840 40386
40387 40474 49451 58066
58067 74413 74415 91143
*2515 *2522 *2528 *13737
*13738 *13740 *30710 *30715
*30719 *40383 *49382 *49383
*49457 *58061 *58063 *58064
*66099 *74410 *74412 *82657
*82658
Africa 2529
bibliographies 2520 13739
Germany *40391 *74411
Russian Zone *91142
Japan *74406
Netherlands *2524
research 66110
study and teaching 21480
terminology 74408
U S S R *2525 *2531 *21485
*58059 *91140 *91141 *91145
Soil Science Foundation 91327
Soilene 50005
Soilless culture 2267 2955
29415 64752 64855 81712
89987 90100 *914 *994
*20320 *21116 *39094 *47985
*48033 *64760 *64828 *73113
*73299 *73729 *90003
Germany *48681
Israel *64745
Japan 81644
Switzerland *73132
Soils 2527 7418 13743
30711 30717 48075 74409
74754 91139 91220 *30722
*30978
acid. See Soils, hydrogen-ion concentration.
aeration 40501 40563
49392 49401 49402 74423
74433 91166 *13751 *29363
*40755 *58111 *66135 *66155
*82672 *83033
Africa 13804 82956 *2514
*66097
aggregation 40426 40431
66132 74423 74436 *30748
Alabama 40758
Alaska 21536 58269
Aleutian Islands 80850
alkaline 2570 2902 13914
30846 30869 58096 58107
59557 74416
Argentina *66266
California 14062 30869
Idaho 58447
Texas 30776 74516
analysis 2534 21519
21521 21527 21532 29485
30768 30769 30794 40442
40477 49463 58104 58105
58108 66148 66264 66341
74455 74456 74467 77310
82656 82699 83115 91181
91206 *2571 *2572 *2585
*2590 *2657 *13778 *13787
*21492 *21516 *21539 *25616
*30726 *30758 *30761 *30762
*30767 *30779 *40444 *40457
*40475 *40483 *49431 *49440
*49474 *49681 *58109 *58110
*58122 *58256 *66166 *66185
*66191 *82696 *82698 *91187
Argentina *2555
Australia *74453
Austria *2578
Colombia *49444 *74459
*82707
Costa Rica *40448
Denmark *2561 *30755
*30780 *40449 *49430

Item

Soils--Cont.
analysis--cont.
equipment 40428 66148
*2561 *21544 *40407 *49449
*58123 *91162
Finland 40462 *21532
France *2595
Germany *21523 *21531
*49435 *82683 *91208 *91297
Gt Brit 21540
Italy *40484 *40488 *66173
Madagascar *49443
Morocco *2574 *82700
Netherlands *13784 *82705
New Zealand 21608
Norway *21534
Pennsylvania 13765
Peru *2583 *82687
Spain *2574 *91197
Sweden *82709
Tanganyika 35235
U S S R *2539 *21548
*30748 *30749 *40511 *49424
*49925 *58093 *58094 *58116
*74447 *74464 *74465 *82684
*91179 *91198
Uruguay *2588
Uttar Pradesh 40437
Wallis Islands *82710
Argentina *2597
Arkansas 66179
associations
Gt Brit 82783
Australia 21602 49512
49513 91184
Flinders Island 2647
New South Wales 40544
74506
Victoria 49541 80866
bacteria 2606 2619
2623 13799 13802 40501
40513 40530 49442 49463
49465 49475 58150 91228
91234 91237 *13791 *30808
*40527 *49453 *58140 *82737
*91232
base exchange 2552 2580
13763 13782 21522 58096
58112 58114 66190 82686
82695 *2553 *2593 *2594
*21533
Belgium 2580 *30834
*74498
bibliographies 30732
biology 17158 21564 56443
58128 83068 91235 91238
*2600 *2601 *2604 *2609
*2612 *2616 *2621 *13806
*13810 *21566 *21570 *30810
*31649 *40497 *49455 *49457
*49462 *58132 *58133 *58147
*64597 *82713 *82717 *82720
*82732 *82734 *91224 *91225
Austria *82721
Egypt *2615
Germany *21554
Brazil 82761 82956
*2631 *2637 *49438 *82713
*91180
California 21604 66242
89982 90023 90024
Canada 40560 49434 49487
91247
Canary Islands *66239
chemistry 2538 2579
13754 13770 13772 13774
13781 13785 21525 21536
30756 40439 40460 40464
40471 40473 49425 49442
49447 49448 52177 58117
58120 66180 66209 74439
74452 82692 82701 82703
82711 *13750 *13791 *21541
*21542 *30741 *30775 *30784
*30785 *30798 *30803 *40438
*40461 *49413 *49420 *49423
*49433 *49446 *49450 *49461

Item

Soils--Cont.
chemistry--cont.
*49496 *58092 *58113 *66164
*74461 *74462 *74466 *82685
*82688 *82693 *91185 *91203
*91212 *91236
Argentina *49414
Colombia *2821
equipment 13788 66186
Italy *13773
classification 2630 2634
2660 21597 30837 37715
66229 82756 82762 91257
*13827 *13834 *49501
Colombia *40543
Germany
Russian Zone *58174
Gt Brit 21599
Idaho 2636
Malaya 2649
Morocco *13826
Puerto Rico *21590
Spain *49499 *91197
U S S R *21593 *40546
*58165 *58187 *91251
colloids 2596 13762 13771
13772 40468 40487 58118
91191 91207 *2554 *2559
*21518 *49417 *91193 *91214
Colombia *58185 *66237
*82758
conditioners-aggregants
74416 74423 74436 82670
82679 82682 91150 91163
91175
Costa Rica *91248
Denmark *2576 *3465
*21515 *49418 *66095
deterioration 91510 *2516
*30847 *66356 *89989
ecology 21478
effects on insects 68431
effects on plants 22675
28857 36992 47907 *11957
*30970 *47720 *49773
El Salvador *30778
enzymes *21561
fertility 2700 2714 2802
2836 2839 2846 3087
10102 12461 13909 13935
13939 13946 13947 13988
14009 14169 14598 21652
21653 21671 21691 21722
21735 21741 21750 21776
21778 30735 30896 30917
30976 31031 31037 31041
31050 39070 40426 40635
40722 40730 48416 49482
49490 49493 49514 49527
49558 49616 49633 49726
49736 49737 49796 49845
58194 58251 58257 58291
58293 58329 58353 66275
66276 66397 66399 74449
74495 74540 74601 74655
74663 74669 82666 82800
82831 82885 82898 82906
91153 91283 91305 *2571
*2771 *2780 *2783 *2789
*2804 *2811 *13850 *13874
*13892 *13919 *13920 *13941
*21539 *21552 *21696 *21714
*21718 *21769 *30808 *30964
*30970 *30978 *31014 *40457
*40631 *40673 *49453 *49667
*58153 *58246 *58368 *66177
*66303 *66330 *66335 *66358
*66398 *66412 *66434 *74598
*74617 *82744 *82807 *82813
*82819 *82835 *82851 *82874
*82879 *82891 *82931 *91146
*91357
Africa *40641
Algeria *30919 *91620
Argentina *2709 *49589
*91324
Australia 2847 49794
74664

Item

Soils--Cont.
fertility--cont.
Belgian Congo 82843
*2831
Borneo 30842
California 30916 58240
*2722
Canada 66676
Colombia *21606 *31039
*74622
Czechoslovakia *49696
El Salvador *30993
Finland *91356
France *21689
Germany *2704 *21554
*31052 *49535 *49712 *65187
*81794 *82683
Russian Zone *48211
*91274
Gold Coast 49439
Gt Brit 40721 49587
82916 *74592
India 2677 3362 40982
66681
Ireland 31008
Italy 81725
Missouri 13949 30942
Montana 14014
Netherlands *13928 *82828
*91294
New Zealand 74556
Pennsylvania 21680
Peru *82657 *82658
research *40656
Rhodesia 21773
Spain *30943 *49738
Sweden *40600 *91279
U S S R *2793 *20123
*30888 *30974 *30991 *40606
*40618 *40720 *49680 *58281
*58357 *91291
Uruguay *49646
Washington 58339
Florida 21479
formation 58182
U S S R *40542
Formosa *66232
France *30824 *40537 *58184
*58213 *82751
French Congo *13766
French Somaliland *2661
frozen 13747 30733 30742
58068 66109 66113 66147
66149 66150 74427 *40423
*40596 *58071
conferences and congresses 66137
fumigation 3101 3104
3107 3109 3111 21988
21990 31233 40907 47678
50002 52441 56624 58535
72888 74615 74905 74906
89554 91501 91502 93436
*867 *14250 *54311 *64416
equipment 66672
genesis 40560 49506 49514
74501 82748 *2632
Australia 2639 2641
coral atolls 13839
France *58179
Guiana *21587
Netherlands 58169
U S S R *82747
Uruguay *49502
Germany *64936
Gt Brit 21591
Greenland 49460
Hawaii 2596 31017 40485
74445 74448
heating 44040 44046 61626
69424 90890
equipment 35109
hydrogen-ion concentration
2570 2575 11785 20267
21535 21685 30757 30772
30774 30782 30789 30790

*Text of this reference is not in English.

Item

Soils--Cont.
hydrogen-ion concentration --cont.
30965 47761 49432 49539
49577 49765 58124 66170
66687 81642 82345 82691
82814 90896 *11957 *18151
*21511 *21513 *21541 *21668
*30767 *30778 *31019 *40603
*47720 *49595 *66171 *66178
*66184 *72931 *82849 *90069
*91280
Cuba *91196
Illinois 30792 30793
India 40472
Peru *82706
U S S R *40682 *58136
*58272 *91179
India 91159 91161 91182
91210
Indiana 66162
Indochina *82714 *82760
Iowa 12331 13831 40478
81611
Ireland 13823
Italy *40470 *40706 *58183
Japan *66246 *80414 *91374
judging 13776
Madagascar *21517
management 2670 2671
2672 2687 2688 2693
2922 3090 11700 13843
13844 13862 13868 13873
13877 13880 13887 14074
21493 21621 21617 21624
21633 21635 21851 30855
30861 30873 30884 30896
30977 40432 40474 40563
40565 40566 40569 40594
49523 49524 49526 49531
49534 49539 49542 49547
49798 58194 58201 58202
58206 58208 58341 66253
66260 66267 66270 74514
74523 74524 74528 74531
74534 74877 74903 82766
82773 82782 82785 88456
88466 88493 91260 91265
91273 *2516 *2673 *2683
*2833 *13856 *13864 *13874
*13892 *21625 *21630 *21638
*30862 *30875 *40572 *40585
*40591 *49660 *58209 *66095
*66249 *74700 *82781
Africa *74518
Arizona 58214 58215
Arkansas 49522
Arkansas-White-Red River Basins 58464
Asia 82786
Australia 2682 13871
13872 40587 74510
Austria *2666 *2694
*13853 *49532
Belgian Congo *55314
Belgium *13859 *21780
biologic aspects 2676
2681 2690 2692 2695
13870 13878 13879 13881
13886 13888 21634 21639
21641 21643 22000 30878
40568 40571 40575 40595
40597 49488 49520 49924
58192 58193 58196 58198
58205 58216 58218 66247
66250 66271 66431 73448
82654 82771 82777 82783
82787 82790 82791 82792
*13845 *13849 *13854 *13857
*13865 *30797 *30863 *30868
*30936 *40522 *49543 *58130
*58212 *58217 *66248 *66258
*82764 *91262
Finland *40960
Germany *2679 *2686
Netherlands *66202
Japan 74519

Item

Soils--Cont.
management--cont.
biologic aspects--cont.
Rio Grande Valley 66254
Washington 82794
Brazil *13882
California 13861 91272
Canada 30879 40588
49519 58191 74525
Colorado 3082
Costa Rica *91263
Eritrea 58220
Germany *21623 *58133
*66262 *74532 *91266
Russian Zone *21611
*21628
Gt Brit 19105 30880
49551 82776
Hawaii 49537
Illinois 21632 55466
India 40582 91270
Indonesia 82786
Israel *82784
Italy 74536 *2674 *30849
*30854 *31428 *49525 *49540
Japan *30864 *30866 *30867
*91267
Kansas 49548 49549
49550 74533
Kentucky 2680
Mexico 83131 *2669
Minnesota 74537
Mississippi 46572
Missouri 58211
Natal 82768
Netherlands 74527 *2524
*13838 *13858 *21629 *21823
*49545 *58090
New Zealand 2689 13883
49546 58219 82765
Nyasaland 40576
Pennsylvania 2668
21618 74589
Philippines 82775
South Dakota 66265
Sudan *13846
Switzerland *30877
Tennessee Valley 11178
Tropics 82780 *66269
Tunisia *13848
Union of South Africa 1454
40580
U S S R *30882 *40564
*49544 *91271
Washington 30845 30874
Wisconsin 40562
maps 30837 30841 40548
74505 *13824 *21596 *21610
*40538 *40539 *40545 *49508
*82754
Belgian Congo *2645
Canada *40545
Chile *14147
France *91254
Germany *40558 *74503
*91249
Russian Zone *40547
*58174
Netherlands *2633 *13828
*13838 *40552 *40553 *40554
*82759
North Carolina 21954
Norway *49505
Senegal *49500
Surinam 49517
Sweden *58166
U S S R 40549 *89252
*91253
Marshall Islands 21481
21482
Maryland 30772
mechanics 30739 30745
30746 40403 40405 66119
74440 91147 91153 91170
*30727 *30737 *35017 *40415
*40418 *58081 *66120 *66142

Item

Soils--Cont.
microorganisms 632
2624 13797 13804 13809
13811 13813 21563 21576
30801 30805 30806 40498
40506—40509 40518 40531
49460 49477 49478 56500
58139 58142 58512 66195
66196 66206 66209 66214
66673 74472 74478 74489
74490 81083 82724 91220
91222 91226 91230 *2602
*2603 *2605 *2607 *2608
*2610 *2626 *13798 *13800
*13807 *13815 *18151 *21552
*21557 *21566 *21569 *21573
*30798 *40493 *40504 *40523
*40525 *48079 *49480 *58134
*66201 *74469 *74480 *74481
*74487 *74488 *82714—82716
*82729 *82733 *91217 *91218
*91229 *91231 *91239
conferences and congresses *58148 *82725
Netherlands *58149
Philippines 66194
U S S R *21559 *21565
*40490 *40515 *40524 *58141
*58143 *66205 *66208 *66212
*82727 *82730 *83924
moisture 1003 2535
2538 2697 2901 2915
12497 13013 13745 13749
13753 13758 14127 14674
21504 21754 29371 30432
30879 39009 39083 40395
40405 40416 40427 40435
47965 48605 49393 49400
49402 58070 58089 58323
58324 58351 66106 66124
66151 66538 73122 74421
74422 74423 74432 74815
75384 81542 82674 82678
89199 91173 91177 *2603
*2673 *13746 *13752 *13970
*21494 *21498 *21500 *21501
*21703 *29950 *30740 *40433
*40526 *40604 *49388 *49394
*56933 *58020 *58209 *66122
*66522 *66523 *74429 *81571
*81715 *82663 *82664 *82680
*82681 *82937 *83037 *83450
Argentina *14210
conservation 58503
*49808 *66126 *91148
determination 58073
effects on plants 40671
*29852 *31756 *39104 *39137
*39188 *47888 *48027 *48091
Germany *2875 *30747
Italy *2674
Japan *49404 *66129 *66157
*66160 *66165
measurement 2537 2541
13744 21506 40429 66100
66103 66105 67000 74418
91172 *13760 *49419
equipment 2543
South Carolina 74424
U S S R *13756 *21487
*30734 *31219 *40430 *82672
*91152 *91155 *91176
Texas 14169
Morocco *40541
Netherlands 2663 74407
74728 74738 82810 *2519
*13923 *21486 *2149 *21568
*30713 *58102 *8260 *82681
*82698 *90069
New Zealand 21609 77264
82763
Niger *30826
*91138
North Carolina 21741
organic matter 2672 2685
2713 13769 21563 21603
30768 30963 40426 40580

Item

Soils--Cont.
organic matter--cont.
40654 49395 49421 49477
49478 58120 58223 58247
58541 66102 66350 74433
82809 *982 *2594 *2754
*2797 *3100 *13973 *30804
*40446 *40986 *49429 *49700
*58260 *74479 *74485 *74492
*82784 *82891 *83044 *91205
Argentina *58091
India 2815
Tropics *2725
Union of South Africa 40709
U S S R *983 *2612
*40510 *40519 *40526 *40650
*40710 *49676 *58129 *58137
*82684 *91215
permeability 2533 2540
31173 40432 49851 55466
58075 58424 74435 91205
*13746 *21491 *21503 *29950
*30729 *30740 *40407 *40412
*49387 *66161
Philippines 30718 30836
66238
physics 2536 2549 13748
13749 13754 13755 21504
30731 40414 40420 66158
74434 82679 91149 91154
91158 91161 91173 91174
*2518 *2545 *2547 *13750
*30741 *40430 *49480 *66165
plant-animal relations 2628
2629 4099 13819 13820
13821 13822 13823 21578
21579 21584 21585 21726
30811 30814 30815 30816
30819 30820 40533—40535
49481 49482 49483 49486
49487 49489—49493 49495
50748 51809 58154 58155
58156 58157 58159 58160
58162 58163 59299 66215
66218 66219 67707 73255
74492 74493 74495 74496
74497 82738 82739 82742
82745 91240 91241 91242
91244 92332 *2627 *21580
*21581 *21582 *21586 *30812
*30813 *30817 *30818 *30821
*40532 *49484 *49485 *49494
*66216 *66217 *66220 *66221
*74494 *82740 *82741 *82743
*82744 *91243
Poland *58113 *82888
Portugal *30720
profiles 21594 21603 30829
40425 57289 66236 91210
*2657 *21570 *49515
properties 2546 13757
13759 14255 21488 30728
40413 40416 66102 66147
74419 74798 82669 91177
*2532 *2548 *21508 *66125
*74598 *82662 *82875 *82876
*83024 *91171 *91374 *91771
Germany *21483
Indonesia 74720
Puerto Rico 49410
research 2521 2530
14102 49775 83063 83066
91181 *2587 *40388
Argentina *82655
Brazil *82660 *82661
Germany *30716
Russian Zone *21611
Italy *2523 *58058
Netherlands *30714 *40384
Scotland 66096
U S S R *49381 *58060
*91144
Uruguay *40385
saline 924 1019 2533
2551 2557 2558 2682
2845 13779 39009 58096
58105 65406 73301 74416

*Text of this reference is not in English.

Item

Soils--Cont.
saline--cont.
74798 81526 91183 91466
*649 *893 *971 *21711
*49419
Algeria *20398 *91186
Argentina *66266
Arizona 58214 58215
Australia 2581 66518
Italy *13768
Netherlands 13786
*40647
New Zealand 66175
Pakistan 2920
U S S R *837 *2600
*21548 *40454 *40546 *49424
*49536 *56646 *58125 *82117
*82774 *90091 *91744
sampling 30712 81817
*30777 *49416
equipment 21480 40411
52449 *40389
sandy 2544 12716 14203
31184 40902 58115 71573
74607 74684 *2667 *40388
*49602 *82834
Germany *20540 *21742
*66296 *66688 *82837
Russian Zone *20480
Gt Brit 13880 15523
Japan *66161
management 58222
Netherlands *2799 *12818
*13784 *58557 *63488 *63545
Oklahoma 74675
Union of South Africa 29713
U S S R *31217 *31644
*31694 *40628 *58137 *61429
Wisconsin 40562
Yugoslavia *82838
sanitation 440 3102
3103 3105 3106 3110
3115 3116 14242 14243
14244 14249 14251 14252
20257 21576 21653 21979
21983 21984—21986 21989
24765 30596 31232 38769
38841 40271 40905 40906
40908 40910 48100 50004
50005 52449 58536 58538
60827 64406 64581 66132
66670 66673 66674 69053
72534 72883 74904 81201
83141 91504 *3108 *3112
*3113 *14245 *21981 *21982
*34317 *40909 *50003 *66675
*74908 *81175 *91503
Algeria *30919
electric 21978
equipment 61503 66671
Norway *74907
Sweden *21987
U S S R *14247 *58537
*91505
Spain *40541 *49496
Spanish Guinea *66222
structure 13761
21496 21505 30744 40398
40402 40406 40597 40869
49400 49405 49478 49823
58074 58088 66110 66144
66145 66152 66153 74430
74433 74434 74443 82666
82670 82673 91157 91178
91201 91369 *21494 *21495
*21507 *21761 *31119 *40396
*40465 *40550 *82667 *82675
Germany *91167
India 91159
Netherlands *58090
New Zealand 66141
U S S R *13812 *21487
*21595 *30729 *49408 *66212
*66265 *91151 *91152 *91162
*91169 *91171
study and teaching 66098
*2542

Item

Soils--Cont.
Sudan *66228
surveys 2662 21599
58167 66241 82755 83072
83082 83085 83116 *49497
aerial 66113
Angola *66224
Australia 13837 58164
58177 58178 58186 91252
91259
New South Wales 2654
2655 2656
South Australia 30822
40536
Tasmania 91250
Victoria 40557
Borneo 13841 21607
30842
California 40540 75200
Canada 13836 21588
40382 83087
Germany *74502
Russian Zone *2644
Gt Brit 2640 13830
46584 46585
Indonesia 40561
Japan 13825 30835
Liberia 21601
Maine 49503
Mississippi 74507
Netherlands *2642 *2652
*82746 *82759
New Mexico 91245
North Carolina 2650
40551 49510
Norway *82753
Oklahoma 66223
South Dakota 30831 91246
Utah 21605
Virginia 30830
Washington 40559
Switzerland *2601
Syria 2646
temperature 12655 21504
47989 58328 66111 66121
66123 66134 66136 66156
66162 69427 *827 *2857
*13869 *21489 *58076 *66159
*89759
effects on plants *20905
*48091 *56796
Japan 66154 *66160
measurement 58085 66100
Union of South Africa
*49391
terminology
Netherlands *40390
tests 2550 2584 2586
2840 13789 13915 21510
21538 30760 40413 40456
49451 58126 66167 88191
*2577 *21511 *40450
equipment 66182 74441
Georgia 66182
Gt Brit 2768
Nebraska 21547
Oklahoma 40447
study and teaching 40458
Texas 21772 66227 82889
Tropics 49395 49410
82752 *648 *30979 *49417
*49507 *66240 *66244
types 58335 74827 *21598
*66185
Australia 2764 13872
Belgium *2665 *13833
British Guiana 34403
Canada 66245
Colombia *2593 *21606
Czechoslovakia *49509
Finland *21532
Florida 58176
France *74499
Germany
Russian Zone *40547
*66230
Gt Brit 74508

Item

Soils--Cont.
types--cont.
Idaho 30870
Illinois 58189 63535
Indonesia *49782 *66666
Italy *21600 *49870
Lake States 66234
Montana 66245
Netherlands *58190 *63646
New Zealand 63512
North Dakota 35189
Poland *82750
Puerto Rico *21948
Senegal *49498
Southwestern States 13829
Spain *30839
Union of South Africa 58188
U S S R *2517 *2643 *21592
*21593 *21657 *30832 *40489
*40528 *49380 *49511 *58062
*66094 *66231 *82659
Uruguay *55329
Venezuela *49507
wilting coefficient 21499
*30730 *48071 *81653
See also Drainage; Fertilizers; Humus; Irrigation; Plants, indicator; Reclamation; Soil conservation; Soil erosion; Soil science; Tillage names of soil conditioners, soil constituents and kinds of soil; and under specific subjects.
Sol'Iletskaîa Lesozashchitnaîa Stantsiîa *22089
Solanaceae 11464 *90928
analysis and composition 90158 *90173
anatomy and physiology 90135
diseases 47633
*438 *12018
genetics *762
hybrids *64898
pests *52391
propagation *762 *47993
varieties 80974
Solanine *79366
Solanum *2164 *56990
anatomy and physiology *29294
Argentina *349
breeding 64677
cytology *20186
diseases 89748
genetics 38964
taxonomy 72371
Solanum chacoense *778
*93777
Solanum demissum *82532
Solanum dulcamara *748
Solanum glaucum 84285
Solanum lycocarpum 12545
Solanum lycopersicum *47754
Solanum nigrum *74177
Solanum ovigerum *47805
Solanum polyadenium *16585
Solanum siparunoides 38436
Solar radiation 20790
44040 61560 85494 *10634
*65280 *96232
effects on insects 33811
33817 43887
effects on livestock *35936
effects on milk 17888
effects on plants 851
12421 73234 *838 *12493
*29376 *29430 *29437 *48056
*48120 *64832 *65351 *81643
effects on poultry 17529
93041
effects on textiles *35936
measurement 25303
See also Photoperiodism.
Solbar *6400

Item

Soldering 17386 53130
78510
Solenopsis saevissima richteri 6742
Solenopteris 11514
Solenoxyphus *43696
Solidago 91062 93824 94010
94049
Solidago rigida 72918
Soloë 94125
Solonchak soils *971 *2661
*21524 *58165
Solonetz soils *20720 *21800
*40454 *40564 *82941
Solpugida 6375 *6380
Solva 8533
Somatidia n sgen 93778
Sommerstorffia spinosa 64302
Sonchus oleraceus 57964
Sonibius 60758
Sønnefjelske Melerifolks Forening *7947 *35669
Sooty bark
Acer pseudoplatanus 19999
Sooty mold 64487
Sophora japonica 82331
Sophora secundiflora *90773
Sophronica *6420 *61189
Sorbaphis n g *68848
Sorbite *25804 *25806
Sorbitol 61837 *54227
Sorbose 798 *39127
Sorbus *36846
Sorbus aucuparia *40345
*45303 *74984
Sorbus domestica *83306
Sorbus pohuashanensis 56270
Sorbus serotina 56271
Sorbus sitchensis 90872
Sordaria 20366
Sore mouth. See Contagious ecthyma.
Sore muzzle 24165
Sorghastrum nutans 73636
81771
Sorghum 29619 91178 *1192
*9029 *81882
anatomy and physiology 29397 32347 *12123
breeding 81889
culture 57061 57243 65039
73439 90228 *29772 *39510
*65116 *81835
diseases 19926 28906
56456 72649 81288
Argentina *81315
feed 22832 32250 41756
57225 67993 76220 92228
*50702 *83810
fertilizers 30986 58294
forage plant 82002
genetics 56725 81565
germination *73430
hybrids 12636 65032 81471
*29729
irrigation 73439 *39510
juices and syrups 57387
79937
pests 16177 17059 25084
planting 65044 73536
seeds 11836 29235 *11854
statistics 54539
storage 53319
toxicity *4587 *67413
USSR *90261
utilization 57225
Uttar Pradesh 39434
varieties 57225
India 1202
Italy *1275
Kansas 12673 73515
Southern Rhodesia 1176
Texas 29625
Utah 90252
yields 64977 73057
See also Broomcorn; Durra; Milo.

*Text of this reference is not in English.

Item

Sorghum halepense 12836
42068 56725 81471
control 1331 2408 12375
13534 13546 13561 13569
13572 13573 13590 13603
13607 13623 13624 30590
30598 30604 40274 65966
66008 66017 82538 82546
feed 15360
forage plant 1331
hybrids *29729
Sorghum vulgare 73263
Sorghum vulgare durra *1150
Sorghum vulgare sudanense
4510 51092 56725 81471
*29733 *29749
anatomy and physiology
32347 64838
culture
U S S R *12723
feed 76220
forage plant 48549
Michigan 73623
U S S R *29742 *29800
*48422 *65201 *81935 *90408
varieties 48529 73511
90388
U S S R *65167
Sormida 68644
Sorosporium 263 72514
72523
Sorosporium loudetiae *72526
Sorosporium reilianum
corn 440
Sotham W H 76011
South African Agricultural
Union 26868 28055
South African Association
of Beekeepers Southern
Transvaal Br 34133
South African Cane Growers'
Association 36952
Central Committee 36956
South African Chemical
Institute 72171
South African Council for
Scientific and Industrial
Research 61712
South African Industrial
Milk & Dairy Producers'
Union 35790
South African Lumber Millers'
and Shook Manufacturers'
Association 41376
South African Poultry
Association 60257
South African Sugar
Association 36921
South African Sugar
Technologists'
Association 48635 54911
South African Wool Board
18154
South African Wool Disposals
Organization 8514 8567
94998
South Australia Dept of
Lands 95891
South Australian Champion-
ship Wheat Crop
Competitions 48279
South Australian Honey
Board 18479 62764
South Carolina Agricultural
Experiment Station
reports 72254
South Carolina Clemson
Agricultural College 12938
78313
South Carolina Dept of Agri-
culture 63997
South Carolina Research
Planning and Development
Board 46334
South Carolina State
Commission of Forestry
58670

Item

South Central Illinois Short-
horn Breeders Association
92455
South Dakota Academy of
Science 89095
South Dakota Agricultural
Experiment Station
reports 38318
South Dakota Rural Electric
Cooperative Association
94479
South Island Dairy Association
78973
South Pacific Commission
37418
South Porto Rico Sugar Co.
27167
South Texas Producers
Association 70092 78982
Southern Advance Bag &
Paper Co 91906
Southern African Weed Control
Conference 91078
Southern blight
peanuts 64414
Southern California New
Zealand Rabbit Club 5551
Southern California Turkey
Growers Association 9571
Southern corn rootworm. See
Diabrotica undecimpunctata
howardi.
Southern Extension Marketing
Conference 61780
Southern Pine Association
50399
Southern pine beetle. See
Dendroctonus frontalis
Southern Pine Industry Com-
mittee 14693
Southern Pulpwood Conserva-
tion Association 41056
41068
Southern Rhodesia Cold Storage
Commission 70899
Southern Rhodesia Director
of Veterinary Serv 83945
Southern St Lawrence Forest
Protective Association 41267
Southern States Cooperative
10923 46823 88913
Southern Textile Association
70385
Southern Weed Conference
13619 66016
Southwestern corn borer. See
Diatraea grandiosella.
Southwestern Poultry & Egg
Association 9504 9561
Sovcain *22977
Soveshchanie Nauchno-Issledo-
vatel'skikh Uchrezhdenii po
Vinogradarstvu *30123
Sovetkina M M *56034
Sovetov A V *28319
Sovetskaia Mashinno-Traktor-
naia Stantsiia *71561
Sovkhoz. See State farms.
Sow thistle. See Sonchus
oleraceus.
Sowing. See Seeds, planting.
Soxhlet F von *26177
Soybean curd 79812
Soybean flour
analysis and composition
9454
chemistry 79810
feed for bees *34049 *34050
manufacture *54688 *70903
*95322
properties 9454
trade 10951
utilization 9453 54882
Soybean meal 95332
chemistry 62893
feed 3943 4452 4484

Item

Soybean meal--Cont.
feed--cont.
4720 5242 8380 15084
16074 22787 23795 23875
33215 41695 42575 42623
51273 51559 60418 67285
76172 76241 76371 76730
76736 77064 84818 85195
85221
prices 62939 70914
processing 4720 23795
62893 76241 76371 84358
87899 87912
proteins 62893 87899
situation and outlook 62916
62939
toxicity 4720 84358
Soybean milk 95352 96125
*32667 *36745 *51113
Soybean oil 62916 95332
analysis and composition
95361
chemistry 95342 95357
extraction 36723 51273
70910 76241 76371 *36724
flavor and odor 9489
36698 36723 95323 95342
in cattle nutrition 76154
marketing 70979
processing 36685 36698
36737 54692 87898 95323
properties 70916 87898
tests 9413 87858
Soybeans 20741 45788 65239
66054 73661 80883 95332
*45756
acreage and area 62733
analysis and composition
79797 79826 87858 95338
anatomy and physiology 945
1020 12331 12375 20315
39007 39079 39097 56816
64746 64838 64839 64863
*12299 *29293 *64717 *64860
*90123
biochemistry 29491 73344
breeding 1492 20744
65233
chemistry *36731
culture 14207 48576 57353
*1508 *20742 *20743 *48575
*90453
Colombia *57367
France *48585 *57356
India 1499
Italy *48579
Mexico *57354
North Africa *29516
culture media 74
defoliation 1494 2386
32101
directories 48581
diseases 11765 11930
28886 28974 64467 72688
72701 72708 72804 72807
Iowa 81140
Japan *64334
Maryland 56518
Minnesota 11667
Mississippi 64460
drying 82101
effects on soils 40426
feed 4484 15369 15370
22811 41719 45788 51811
59199 60097 68008 83748
*19566 *32673
fertilizers 40664 58227
74579
for processing 26934
forage plant *29775
futures 54726
genetics 20224 20227
38960 47870 56754
U S S R *47866
germination *57364
grading and standardization
9387 9498 26982 36758

Item

Soybeans--Cont.
harvesting 1494 57053
hay 85007
in poultry nutrition 15795
51560 60096 *92970
industry *71004
inoculation 66204 *58145
*66207
marketing 9476 18302
71000
nutritive value 47000 47011
89056 *19566 *20743 *63931
*72150
pests 77705 77741 93734
*34379 *34609 *93879 *94198
planting 73660 82095
prices 9498 26982
processing 9467 36708
54722 62904 62924 79812
products *18667
nutritive value 80691
proteins 22811 41719
60097 *26980 *62924
research 1512 9403
seeds
certified 39591
situation and outlook 9472
26926 26951 26976 45761
45765 *70959
soils 12331 49759
South Carolina 48597
Southern States 9433 65237
statistics 54754 95358
storage 9422 9476 18302
45819 61640 87835
trade 9493
transportation 9493 62919
utilization 9467 45788
94693 *36688 *70951
varieties 29829 48589
73655 90457 *1508
Indiana 57363
Nebraska 39586
North Central States 48593
Southern States 48594
U S S R *20740
weed control 2386 13590
65935 65958 65999 66040
74332 91000 91050
yields 73660 74579 *48588
*57364
Sozibius 60758
Spach *72192
Spades *69179
Spaeth F *6450
Spain Instituto Nacional de
Colonización *10442
Sección Suelos *49499
Spain Ministerio de Agricul-
tura *95956
Spain Servicio Nacional del
Trigo *45485 *45506
Spalangia *6736
Spalding H H 11251
Spanish Guinea Camaras
Oficiales Agricolas
Delegación Peninsular para
Cafe *74394
Sparassis *72686
Spargania 43847
Sparganothis acerivorana
94110
Sparganothis pettitana 94110
Sparna 93778
Spartina townsendii 73014
Spartium junceum *20619
*81775
Spastic paralysis *59715
Spathipalpus philippii *24794
Spathius canadensis *43732
Spathius pedestris *52692
Spathoglottis 68683
Spavin 76635
Spaying *42509
cattle 15407
chemical *59364

*Text of this reference is not in English.

Item

Spaying--Cont.
goats 93160
horses *33044
swine *43057 *77108
chemical *77104
Spearmint oil 54721 62958
Species concept 47145 96165 *11 *58705 *89783
Spectrochemical analysis *13775
Spectrographic analysis 12561 12562 16292 54599 62389 79006 *12482 *17582 *33945 *36004 *46039
fibers *54110
Spectrometer 47898
Spectrophotometry 6073 9499 9500 9733 13788 17567 26548 36970 48020 68510 69567 69762 69848 83640 87832 *8665 *61719
Spectroscopic analysis 68492 69557 70305 *58116 *90161
Spectroscopy 20473
Spectrum analysis *17578
Specularius *52420
Speculation 86584
Spegazzini C *81120
Spekker absorptiometer 9653
Speorthus n g 43374
Sperchon *34186
Spergon 29339 64415 64516
Sperm whale meal *24278
Spermasol *32537
Spermatophores
insects *93723
Spermatophyta 19829 *157 *38463 *38897
Spermatozoa 32199 41770 83700 92884 *22781
asses *15653
care and handling 15051
cattle 4415 15320 32531 51271 59491 76083 76085 76115 92416 *15258 *15295 *15305 *23077 *23078 *41947 *67641
anatomy and physiology 23150 84148
care and handling 4341 59491 76008
chemistry 51024
viability 59503 76014
guinea pigs 59992
hamsters 59992
horses *5034 *15653
insects 24964 34597 34624 43428 61050 *61267 *77985
isopods *85599
minks *59886
pigeons 67976
poultry 5200 15738 *23754
rabbits *15952 *76938
sheep 15981 76963 *5614 *68199
swine 5745 *33659
turkeys 76711
See also Semen.
Spermophora 85549
Speyeria atlantis 16989
Sphacelaria 64295
Sphaceloma 11818 *56323 *56324
Sphaceloma fawcetti
citrus 81303
Sphaceloma murrayae
Salix 11817
Sphaceloma plantaginis 89681
Sphaceloma violae 89681
Sphacelotheca panici-miliacei
millet *47461
Sphacelotheca sorghi 38763
Sphaeralcea fendleri 56272
Sphaerella maculiformis
Castanea 72637
Sphaerocera 77888
Sphaeroceridae 68766 77887

Item

Sphaeroderma 77676
Sphaeromerus n g *52345
Sphaeromias 68787 85789
Sphaeronaema *72471
Sphaeronema californicum 81363
Sphaeroplea *28657
Sphaeropsidales *38552
Sphaeropsis *38517
Sphaeropsis malorum
apples 72693
Sphaerosorus composita *56314
Sphaerotheca
gooseberries *11783 *89581
Kok-saghyz *11770
Sphaerotheca humuli
dewberries 20069
raspberries 19994
Sphaerotheca mors uvae
gooseberries *38666
Sphaerotheca pannosa 47605
Sphaerularia bombi *43728
Sphagnum 40075 40330 *193 *89405
biochemistry 64892
Greenland 89409
India 89416
Washington 56292
Sphagnum bogs *74357
Sphagnum lindbergii *11539
Sphalerocoris n g 93979
Sphecidae 78033 *16892 *16895 *61144 *78002 *78003
Africa *6696 *6713
Algeria *52690
Sphecius speciosus 94040
Sphecodes 52725 *16934
Sphecodes esakii *16934
Sphedanolestes 85870
Sphenarium purpurascens *17115
Sphenophorus 43480
Sphenoptera carceli *93753
Sphingidae 6763 17079
Sphinginopalpus *68688
Sphingoderus n g *61258
Sphingonotus *61258
Sphinx 94120
Sphinx ocellata *94132
Sphodromerus *43889
Sphodronotus 43888
Sphondylia *68687
Sphyrotheca 43931
Spices 7848 17764 25790 25826 53690 61973 *9448 *53680
analysis and composition 44671 69789 69793
contamination 69793
Germany *44679
history 25779 35576
industry 25779 61989
marketing 35576 94651
properties 44662
public relations 44666
situation and outlook 61991 61997
Germany *46054
statistics 78937
Australia 25775
Germany *63192
trade 63253
transportation
by water 63270
Spiders 6397 60996 77603 *24678 *85576
anatomy and physiology 85558 *43379 *93728
bites *6395
Brazil *24679
France *43377 *85557
Gt Brit 34183 43383 43393
habits and behavior *60754 *60755
Michigan 68597
Netherlands *6353
North America *68622

Item

Spiders--Cont.
parasites and predators 60996
taxonomy 68597
Union of South Africa 77631
webs *16513 *60778
Western States 34184
Spiera 81092
Spilanthes *11470
Spillways *31160
Spilomena 94027
Spilonota ocellana *34599
Spilosoma lutea 34570
Spinach
anatomy and physiology 921 81327 *56778
biochemistry 81751
blanching 95067
canned
contamination 36222
culture 2296 *57888
Belgium *21236
Netherlands *2292 *21316 *40238
Sweden *74170
diseases 11912 72834 72860 81327 89648
Colorado 89650
Louisiana 64495
frozen
grading and standardization 18295
quality 95067
marketing 36175
nutritive value *96150
packaging 8786 18298 26562 45398 54339
pests 16718 24839 60949
processing 54359
seeds *82511
varieties *82533
Belgium *21235
Netherlands *74224
weed control 21392 40260 57968
Spinal column 4898 51835 *67829
Spinanthidium. See Dianthidium (Spinanthidium)
Spindle tree. See Euonymus.
Spindling sprout
potatoes *28992
Spinning 35959 36043 87299
equipment *36092
U S S R *87309 *87310
Pakistan 54177
research *36092
See also under names of fibers.
Spino n g 52628
Spintharina *52742
Spintharis *52742
Spiraea 30373 65521 *30220
Spiraea tomentosa 20179 *635
Spiraea vanhouttei *13281
Spirocerca lupi 87843 *92748
Spirochetosis
pigeons *42634
poultry 5288 33280 84871 *76770
rabbits 15960
Spiroctenus 77631
Spirogyra *81058
Spirostreptidae *52345
Spirostreptus *24672 *52345
Spittle insects. See Cercopidae.
Splachnum ovatum 214
Spleen 15163
cattle 15399 42156 59634
diseases *23326
dogs 51411 84523 *4923 *84508
poultry 23978 33272 84846 93024

Item

Splints 4706 42384 50910
Spoil banks. See Strip-mined areas.
Spondylocladium atrovirens *64459
Spongospora subterranea
potatoes *47593
Sporobolomyces *64645
Sporobolus *11452
Sporobolus cryptandrus 81949
Sporotrichum schenckii 56889 *72491
Spotted wilt
lettuce 12012
potatoes 12015 72848
tomatoes 64567 *589
Sprats *37013
Sprays and spraying 309 321 5942 11631 30530 38598 38637 43836 56378 60562 64335 64742 68797 68837 72483 75264 75268 89529 94023 94380 *11838 *20870 *56379 *64326 *81206 *81290 *85447 *89558
adjuvants 11920 56398 *89561
application 16581 28817 38559 61604 81134 91094 *25074
Australia 68472
by aircraft 1494 2332 6608 6620 7184 16211 24399 24503 25391 33912 34980 43585 78564 85719 86006 93507 93518 94066
Australia 6602
dusting *34971 *43242 *53169 *53170 *69348 *94372
France *64319
Germany *68698
Israel *34974 *35003
North Central States 34983
calendars and programs 11674 19940 33831 33849 33858 38609 38620 38622 38623 38624 52124 60599 77207 81203 *47359 *68413 *85679
Delaware 38621
Gt Brit 38563
Japan *47355
Mississippi 85370
Missouri 38625 38626
New Jersey 60604
New York 38599
South Dakota 81188
Wisconsin 52082
concentrated 7186 11636 11664 11681 19895 19927 25406 28730 28736 28822 34984 38639 41148 47357 47368 47393 52117 53148 56392 64310 72535 89527 93411 *25396 *56417 *85354 *85355 *93437
cooperatives
Germany *346
costs 7580 *47438 *56380
Denmark *64372
Netherlands 56460 *47455
Denmark *81150
droplet size 30595 85372
effects on plants 345 949 89512 *29314
equipment 401 7175 7186 7189 17389 17392 17393—17396 25392 25393 25397 25406 34965 34966 34972 34976 34977 34984 44147 44148 44151 44152 44155 44156 53142 53143 53148 53152 61499 61502 61504 61509 69291 69294 69295—69297 69299 69302

*Text of this reference is not in English.

Item

Sprays and spraying--Cont.
equipment--cont.
78516 78519 78523 78526
78527 85369 85376 86145
86318 93363 93407 93848
94373 94381 *7182 *7185
*11883 *17391 *17398 *17399
*25395 *25396 *25399 *25401
*25404 *25409 *33914 *34968
*34981 *34982 *44146 *44160
*44161 *53146 *53149 *53151
*53153 *69298 *78521 *78530
*86319 *86323 *93484 *94372
*94374 *94376 *94377 *94382
*94384
Australia 69292 69301
community *25403
Denmark *7178 *61510
Germany *7177 *25402
*25408 *34969 *44154 *53144
*53145 *69304 *78522
Russian Zone *94375
Israel *61501
maintenance and repair
61507 61508 *44150 *69300
Netherlands *25398 *34970
*34985 *38572 *44153 *44162
New Zealand 25394
Norway *7176 *7179
*86324
tests 78528
U S S R *25407 *34978
formulas 38582 60600
*89500
France *38561 *56461
Germany *19947 *64346
*94378
Russian Zone *85352
Hawaii 6509
hazards and safeguards 6070
13879 61509 81172 *28765
*33914 *42699 *47402
Italy *72594
labor *63311
legal aspects 30618 54308
*47430
Netherlands 56394 77241
*38631 *47456
New Zealand 47398 56395
oil 38697 48119 77297
preharvest 47393
properties 60628 *38564
regulation and inspection
*36236 *81150
Kansas 74333
residues 5922 16277
17565 25670 35306 52603
53475 61792 61801 81248
*36236 *64836
seasonal 11674 16877
34291 38589 *354 *11623
*19959 *38607 *43201 *64401
*93391
Austria *28788
France *47369
Germany *33874
Italy *47434
Southern California 68981
Switzerland *89525
technique *56463 *61510
*72554 *86324
tests 16808 34446 43862
93411
toxicity 16277
bees 24497 24503 77367
77368 *6208 *52239 *52301
*60702 *68557
poultry *42699
See also Dusts and dusting; Fungicides; Growth substances; Insecticides; subheads under Aircraft; and subhead spraying and dusting under specific subjects.
Sprecher A *11247
Spring cankerworm. See Paleacrita vernata.

Item

Spruce. See Picea.
Spruce budworm. See Choristoneura fumiferana.
Spruce spider mite. See Paratetranychus ununguis.
Spuridiophorus *6713
Spurs 23965 60153
Spyrathus *60806
Squabs 33452 33453 45894
92947 *68103
Squash
analysis and composition 62617
biochemistry 8876
breeding *73658
culture *49143 *73658
diseases 64331 81247
feed *1403 *90964
forage plant *48572 *57258
*90359
germination 81599
hybrids *56737
storage 8876 62617
varieties 2238 8876
*57258
Squirrels 14637 85694
Squirter disease
bananas 38706
Sredneaziatskiĭ Nauchno-Issledovatel'skiĭ Institut Lesnogo Khoziaĭstva *58517
Stewart's disease
corn 72803
Staatliche Bayerische Prüfhof für Bienen Acheleschwaig *77442
Stables *44252 *53246
Austria *53266
construction *53249 *61602
*69378
designs and specifications *7293 *44262
Germany *7321
pests 60915
sanitation *53286 *69380
Sweden *53278
temperature *7321 *25942
ventilation 17462 *25473
Staccia *52677
Stachybotrys 38528 *22800
Stachylidium 19882
Stachys *89345
Stackhousia 47287
Staggers *16004
Stagonospora 1608 *38517
*47348
Stagonospora urenae *89597
Stagonostroma *72471
Stain technology 32 65
11283 18511 19733 20191
25105 33318 42156 45312
59383 68381 72297 72314
75733 76820 *222 *11786
*22984 *23035 *64123 *72322
*73304 *75729
Stakes 39986 48677
69184 *53023 *53033 *58991
Stalin I V *37255
Stalin Code *37499 *46415
Stalin Plan *2696 *19761
*21926 *21934 *21943 *22165
*31219 *31222 *31227 *31705
*38390 *40877 *50118 *57379
*58516 *66609 *83402 *89168
Stallions 5011 15656 23572
33016 42429 *76644
Australia 76621
care 4995 42430
U S S R *84624
directories 23562
feeding and nutrition *67894
fertility 4995 23589 42430
*23601 *33017 *33021 *59913
*67888 *92793
genetics 23578 23580
Germany *42446
Russian Zone *84599 *84636

Item

Stallions--Cont.
Gt Brit 42432
Netherlands *67873
New York 67885
records and testing
U S S R *33005
selection 23570 *32996
Germany *42445
Russian Zone *84598
shows
Germany *15698
Norway *92805
Sweden *92810
U S S R *59917
Stalls *7284 *7329 *35058
construction *7286
designs and specifications
61593 86408 *7304 *61588
sanitation *7308 *61572
Stammzuchtgenossenschaft Fischbeck *23125
Standard Herd Test (Victoria Australia) 32820
Standard of living. See Cost and standard of living.
Stanford University Food Research Institute 53400
Stanhopea graveolens 11472
Stapelia *65694 81457
Stapelia variegata *82461
Stapelieae *688
Staphifiophyton 56218
Staphylinidae 19865 34239
*52424 *52446 *60803 *77689
Africa 60848
Belgium *52426
Libya 43424
nomenclature 77669
Staphylinus 60800 77694
*52424 *52446
Staphylococcosis, poultry. See Arthritis, poultry.
Staphylococcus 4122
anti toxins *32770 *32771
*59714
cattle 76249 *4683
food 7548 *17626 *94561
horses 59932
meat *36551
milk *17930
sheep 16006
toxins *76376 *84365
Staphylococcus pyogenes. See Micrococcus pyogenes aureus.
Starapples. See Chrysophyllum.
Starches 32170 81700 *87132
analysis and composition
36144 *25611 *25614 *25618
*62695 *62696 *87367
chemistry 3846 7451
25606 53420 78734 79611
*35237 *62697
determination 70818 *9049
*18236 *18237
enzymes 53420 78734
79582 86551
in animal nutrition 3846
in food processing 7627
in human nutrition *28239
in sheep nutrition 42931
processing 44428 69677
*53534
products *61699 *86757
properties 44428 69555
*18433
research 44561
situation and outlook 86528
utilization *3730
See also kinds of starches; and under specific subjects.
State farms
Czechoslovakia *12792 *13876
*15527 *15652 *17234 *17243
*18185 *18507 *19108 *19144
Netherlands *71525 *88454
Poland *22978 *33584

Item

State farms--Cont.
U S S R 1850 *1630 *1634
*1645 *4233 *10363 *20964
*26630 *29746 *30054 *30104
*30140 *31435 *32824 *32854
*32872 *32984 *32990 *33540
*33549 *33627 *33641 *33692
*33785 *35052 *35121 *36490
*36527 *36547 *37241 *37458
*37489 *37495 *37507 *46382
*48225 *48393 *49170 *57379
*60337 *61558 *63472 *63550
*63551 *73505 *73747 *73869
*73898 *77061 *77436 *79676
*80104 *80292 *83399 *88306
*88490 *88501 *90291 *90563
Estonia *23468
Ukraine *31417 *75773
Yugoslavia *85053
Statice suffruticosa *13698
Statistics 7681 10212 25764
44640 53601 55324 69734
69751 86608 86684 86695
91499 *25744 *44626 *69736
*78854
Argentina *27262
Asia 44619 78851
Australia 7686 44615
61881 78845 94628
New South Wales 17699
25759
Queensland 25762
Western Australia 7685
25766 35434 69754
Austria 69750 *7658 *17710
*25750 *44628 *55238 *61895
Belgian Congo *69728 *86680
Belgium 69750 *86680
*86681 *86685
bibliographies 17708
British Colonies 53585
California 61896
Ventura County 69752
Canada 7684 86682
British Columbia 7661
35409 44617
Manitoba 44629
Ontario 69744
Saskatchewan 7676
Ceylon 7662 69732
Chile *35417
Colombia *17703 *44635
Santander *94622
Connecticut 44618
Curaçao *18997
Denmark 69750 *25747
*25748 *78844
Dominican Republic *69735
Finland *53582
France 69750 *7656 *35415
*69737
French Colonies *17694
Germany 69750 *25752
*35413 *44636 *53580 *53589
*53595 *86678 *94619 *94624
Bavaria *86679
Gt Brit 63809 69738 69741
69750
Scotland 61890
Greece 69750
Guatemala *35416
Hawaii 61884
Hungary *44630
Iceland 69750 *44621 *53590
*78846
Idaho 69749
Illinois 35412 44622 61885
61886
India 7673 17698 35408
44637
Madhya Bharat 86687
West Bengal 25765
international 35430 *78849
Iowa 7664 7665 69749
Iraq 25753
Ireland 69739 69740 69750
86686

*Text of this reference is not in English.

Statistics--Cont. Item
Israel 25746
Italy 69750 *17702 *35410 *35418 *69731 *94618
Vicenza *53604
Jamaica 44623 69730
Kansas 17697 53591
Louisiana 78853
Luxembourg 69750
Malaya 35414 69753
Malta 25756
Mauritius 53593
methods 10240 11311 11343 11346 15296 15381 18299 19106 19259 19729 27290 27620 28375 35165 35889 36593 37075 38326 38328 38329 44412 44434 44451 44452 44501 44536 46503 46582 47134 47135 54684 56122 56125 56771 63190 69548 69549 70896 72255—72257 78718 78726 78732 78737 78738 78740 78848 80847 80848 86632 87814 88014 88541 91404 96249 96250 *2808 *3148 *7459 *19694 *19727 *19728 *26977 *28376 *47137 *51894 *54068 *56457 *62288 *66641 *80045 *88108 *92676 *96252
Canada 38327 38330
France *11345
India 11347 17663 89178 96251
U S S R *46457
Yugoslavia *47136
Mexico *61889
Michigan 35419 86688
Minnesota 53597
Missouri 61887 69749
Mozambique *35420 *44631 *53583
Nebraska 69749
Netherlands 69750 *25758 *86689 *86690
Nevada 69749
New York 7660
New Zealand 7674 86691
North Carolina 53581 53602
Norway 69750 *17700 *35422 *35423 *69742
Ohio 35426
Oregon 53600 61882 78852
Panama *61888
Philippines 25761
Portugal 69750 *44633 *53594
sampling 7666 36601 36764 37500 56123 85334 88487 89177 *26920 *26921 *26927 *80023
Canada 38327
Yugoslavia *26908
South Dakota 86693
Southern Rhodesia 53596 78850
Spain *17704 *44616 *44638
study and teaching 89179
Sweden 69750 *35429 *44639 *94626
Switzerland *69745 *86625
Tennessee 69749
Trieste 61891
Tunisia 7678
Turkey 61892 69750 *7679
U S S R *46402 *61893
Utah 69749
Venezuela *53603
Virginia 17705 69749
West Virginia 69749
Western States 69733
Wisconsin 69749
See also Census; and subheads statistical methods; statistics under specific subjects.

Item
Stauropoctonus *16926
Stauropus fagi 78210
Stazione Fitotecnica di Sant'Angelo Lodigiano *90226
Steam 17681
Steam power 35188 *61673 *94488
Stearamidomethylpyridinium chloride 70462
Stearin *36786
Steatitis. See Yellow fat.
Steel *26254 *26672
stainless 44966 62226 70182 *79144 *87071 *87111 *89053
Steenisia n g 89286
Stegosoma *6556
Steinhauera subglobosa *47144
Steklova L A *20986
Stellaria *38475
Stellaria diandra *47240
Stellaria holostea 93887
Stellaria longipes *108
Stellaria media 2343 2393 65944 *13554 *40704
Stellophora n g *6736
Stem canker
soybeans 72688
Stem end rot
lemons 8846
Stem pitting
grapefruit 12002 29013 *552
pummelo *81348
Stem rot
jute 462
Paeonia 47532
rice *28921
Stemonyphantes 16491
Stemphylium
Birdsfoot deervetch 11791
Gladiolus 81270
Stemphylium ilicis
Livistona mauritiana 11820
Stemphylium radicinum
carrots 422 56510
Stemphylium solani
tomatoes 38772
Stenalia *85629
Stenandrium 89352
Stenasellus *85555
Steniolia nigripes 24991
Stenobiini n tribe 93778
Stenobracon deesae 61102
Stenocallida *52401
Stenochlaena palustris 72443
Stenodynerus 43705
Stenoglottis longifolia 28617
Stenolaemus *68863
Stenolophidius *43415
Stenomesius *6736
Stenomordellaria *6434
Stenomorpha consobrina 85659
Stenonema 17150
Stenophthalmicus 43681
Stenopodinae *52677
Stenopogon 34308
Stenoponia ponera 43934
Stenopteromymar n g *68880
Stenosemia *56287
Stenosis *34212
Stenostygnellus *68596
Stenostygnus *68596
Stenosyrphus *43507
Stenotabanus 16682
Stenothesilea n g *16583
Stenus *24720 *43431
Stenus (Hemistenus) *52405
Stenus grossepunctatus *43431
Stenus monachus *52405
Stenus picipes *52405
Stephanidae 16919
Stephanitis 93937 93997
Stephanoderes hampei *16597 *34261 *68665 *68681
Stephanopodium 72413

Item
Stephanosphaera pluvialis *11572
Stephanotis 68812
Stephanurus dentatus 5792 *43071
Stephanus *25009 *34534
Stephene J F 16549
Stephensoniella brevipedunculata 64264
Steppes
U S S R *10160 *20142 *21943 *22148 *22330 *28503 *29056 *30148 *30832 *31440 *33793 *39280 *39282 *41248 *58415 *58774 *66609 *91176 *91782
Steptochora n g 77732
Sterculia 30225 *82652
Sterculia alexandri 11434
Sterculia campanulata 83603
Sterculiaceae 89860 *28588
Stereocaulon 11596
Stereodon *64253
Stereoma *93765
Stereonoda n g *52404
Stereum
peaches *47506
Stereum frustulosum
Quercus *64469
Stereum gausapatum
Quercus ilex *47533
Stereum hirsutum
grapes *474
Stereum necator
grapes 47518
Stereum purpureum
apples 28944
Sterilamp *60495
Sterility. See under Livestock and names of animals.
Sterilization. See Soils, sanitation; and under specific subjects.
Sterilization of animals. See Castration; Spaying; Tubectomy.
Sternal puncture *59697
Sternobothrus *6432
Sternocolaspis *52404
Steroids 76351 76352 *4858
Sterols 18665 48192 70991 76755
Sterrha 78208
Sterrha aversata 68945
Stethomezium squamosum 60832
Stethoperma 93778
Stethorus 34239
Stevia rebaudiana *74365
Stewartia 73929
STI anthrax vaccine *22948 *23004 *23623
Stibulaspis *6736
Stichococcus subtilis 29198
Stichopogon 34308
Stichting "Boom en Vrucht" *29909
Stichting Proeftuin Lent *57781
Stichting voor Coördinatie van Cultuur en Onderzoek van Broodgraan *39394 *57143 *57144
Stichting voor de Landbouw *38182
Sticta 64895
Stictocephala festina 34455
Stictopleurus *85878
Stictoponera 16900
Stiff lamb disease. See White muscle disease.
Stigmella *68968 *78150
Stilbaceae 148 47259
Stilbellula n g 72468
Stilbestrol
effects on cattle 15423 76346 *4687 *84312 *84412

Item
Stilbestrol--Cont.
effects on goats 24154 93160 *51847
effects on horses *42468
effects on insects 16675 24791
effects on livestock *32421 *75836
effects on poultry 5303 5305 9509 33268 33354 51620 60168 76682 76716 93000 *84811
effects on rabbits 42843 *42468
effects on sheep 33560
effects on swine 16086 16110 60471
effects on turkeys 5260 23882 23994 33346 42625 42626 76772 76774
Stilbospora 88528
Stilipalpus n g *85647
Stillingia 11501
Stilobezzia 68787 85789
Stilobezzia maculata *24845
Stilobezzini n tribe 68787
Stipa comata 1324
Stipa leucotricha 12728 81542
Stipa tenacissima *29642
analysis and composition *54098
culture
Argentina *39425
Spain *48374
grading and standardization *54083 *54802
pests *52060
seeds
Spain *57172
Spain *48371
statistics *54068
utilization *54103 *54140
Stipa viridula 1323 65090
Stiphropella n g 77631
Stiphropus 77631
Stiporyzopsis 64174 64198
Stipsostoma n g 77732
Stirogaster 93979
Stizus *17175 *52690
Stock. See Mathiola.
Stockyards 26518 54637 79719
Stoebe vulgaris 90993
Stoiba *77806
Stokroos 65058
Stolbur *12018
Stomach
cattle 76248 76341 92585 *84713
diseases *42170 *67684
diseases *32354
dogs 67825
injuries 4864
horses *42471 *59949 *84703
livestock *67423
ruminants 15160 *92241
sheep *15995
swine *33738
Stomacoccus platani 16807
Stomata 28723 29195 39187 56955 64715 64761 *29302 *29303 *72880 *72976 *72979 *73025 *73186
Stomatitis 59404
Stomatothrips 86072
Stomoxys *43547
Stomoxys calcitrans *6519 *52513 *60940
Stony pit
pears *33862
Storage 86649 86653 *95677
Australia 86642
buildings 9622 17494 53311 53314 53315 61645

*Text of this reference is not in English.

Item

Storage--Cont.
buildings--cont.
69452 78634 94604 95557 *44321 *69445
Georgia 78633
Germany *44320
heating *17503
Netherlands *17503
Norway 35139 *7362
Sweden 35132 *8860 *78639
ventilation 18441 *17503
cold 7638 18337 25359 36149 44563 53315 *35374 *36287 *78944 *87167
Australia 45456
Denmark *25723
France *82506
New York 7636
statistics 53527
Sweden *44325 *69457
U S S R *79499
gas *53541 *90121
home 47076
humidity 35383 36381 36769 44563 *8872
pests 85367
control 6051 85367
U S S R *93455
temperature 36268 54347 54384 69707 69722 86675 62983 *8872 *18323 *53536
ventilation *26599 *70522 *78933
See also Grain elevators; Locker plants; Silos; Warehouses; and under specific subjects.
Stored products. See Storage.
Storena 77606
Störmer K *47058
Straddle row machine 78377
Stragania 61037
Strakhova V M *95469
Strampelli N *89121 *90258
Strangles *5067 *5075 *23638
Guatemala *84653
treatment 59933
*33034 *42455 *42458 *84690
Strasseria *72471
Strathyre Forest 41099
Stratiomyiidae 24821 52538 *43528 *68755
Stratiomys chamaeleon *43549
Stratiotes aloides *29112
Stratus 34271
Straw 3956 22063 26657 26726 54533 57053 79539 95152 *25349
analysis and composition 62295 94900
baling
equipment *69226
care and handling 81824 87142 *86276
equipment 7119 78448 *7128 *25347 *34773 *69056 *69142 *69256 *86268 *94320 *94328 *94335 *94347
feed 22808 41692 51107 59212 *3867 *5054 *22786 *22800 *22821 *32218 *41676 *41717 *42451 *50784 *50802 *59571 *75763 *75770 *75778 *83779 *92206 *92211
fertilizers 66738 *50067 *58596 *83182
Germany *26676
harvesting
equipment *34908 *53081
Israel *3165
litter *61572
mulch 65887 66461 81733 *12993 *21812 *91363
processing 22864 54422 54492 59212 *22821 *50802

Item

Straw--Cont.
processing--cont.
*54050 *59571 *70756 *75770 *87579 *92206
equipment *78498 *86269
storage 9046 70767 *32218 *53308 *69443
transportation *94262
equipment *7016
utilization 70707 79545 79546 79547 79558 79569 79599 79624 83619 87532 95192 *21812 *31287 *54479 *94907
Germany *44324
Netherlands 79548 *13858 *18446
yields
Germany *45533
Straw itch mite. See Pyemotes ventricosus.
Strawberries
analysis and composition 70541
anatomy and physiology 878 20308 *12464 *39102 *47980 *73258
breeding *57603 *64323
California 47643
Gt Brit 39900
California 39869 48873
costs and returns
Finland *27744 *80109
culture 1810 1852 1857 30064 30085 39858 39859 39871 39873 48832 48852 91373 *13097 *13114 *20991 *65459 *65467 *73882 *73888 *81595 *82265 *90696
Australia 1827 30065 39894
Belgium *20983 *90680
Cyprus 1829
Denmark *48842
Finland *27744
France *13118 *65449
Germany *91375
India 39899
Ireland 73879
Louisiana 20970 48838
Minnesota 65476
Missouri 30081
Netherlands 1808 *1805
*13093 *13128 *20999 *30925 *39885 *48829 *48850 *48870 *48881 *48884 *48885 *82260
Norway *57615
Oregon 48833 48888
U S S R *1850
Washington 57607
cytology 716
diseases 444 494 608 11752 12019 20084 38769 47649 56569 64427 64428 64559 72665 72666 72883 89709 89721 *330 *81328 *81536
Belgium *68440
California 47643
control 43233 64332 89504
Florida 56621
France *64323
Gt Brit 47400
Netherlands *47401
New Jersey 11772 56422
resistance 434 576 11981 38794
transmission 56591 64570
fertilizers 3162 40658 49566 49594 49770 66342 *30925 *40622
Finland *27744 *80109
for processing 57580
freezing 8919 54342 62591

Item

Strawberries--Cont.
frozen
quality 54342
genetics 64656
Germany *8927
hybrids
U S S R *13123
industry
Italy *54222
Oklahoma 54202
irrigation *74732
Netherlands *40802
marketing 54300
Louisiana 79426 87414
Netherlands *54268
Wisconsin 62527
pests 25066 60534 60859
Belgium *68440
California 43381
control 6637 16596 34213 43233 68432 85391
Netherlands *47401
New Jersey 56422
planting 48868
Australia 30107
Denmark *48843
Norway *39891
Virginia 1830
processing 70657 79448 79470 *87375
products 54317 62597
quality *13090
situation and outlook 62453 62461
soils *2759 *58298
transportation
Germany *87422
U S S R *39904
utilization 17963 *87375
varieties 1851 13083 13095 13100 30082 39863 39907 48840 48872 57580 57611 70541 73886 *20981 *30105 *39893 *48876 *82257 *82268
Europe *73871
France 20987
Germany *1801 *20990 *82281 *90693 *90694
Gt Brit 13096
Kentucky 39856
Maine 57578
Mississippi 39896
Missouri 90679
Netherlands *13091 *20999 *48882
Oregon 57600
Pennsylvania 57594
Sweden *48844
U S S R *1813 *1814
weed control 2343 13652 13653 21339 21345 21354 30506 30520 40262 40283 40284 40293 49263 57910 57923 57924 57942 65944 65981 74253 91031 92977
yields
Norway *57615
Strawberry crown borer. See Tyloderma fragariae.
Strawberry root weevil. See Brachyrhinus ovatus.
Streak
Cyphomandra betacea *28998
corn 38803
Dianthus 20072
tobacco 64555 *56595
wheat 12007 12026
Stream bank erosion 14168 66648 74832 *40857 *66595
France *14240
Germany *40859
Texas 3015
Streams 22400 49848
See also Rivers.
Streblidae 6534

Item

Streblocera 16932
Strelitzia reginae *47813 *49095
Strepsiptera 69046 *43926
Streptanthus 56216
Streptobacillus moniliformis *75848
Streptocarpus 65685
Streptocarpus wendlandii *12132
Streptococcus 43023 92612
anatomy and physiology 17865 17866
cattle 43088
dairy products 8015
guinea pigs 33109
horses 59940
milk 8015 26018 *94771
swine 43088 68337
Streptococcus agalactiae 4649 32690 51239 51240 60114 83850 84389 *4624 *5846 *23354 *32733 *76995 *92587
Streptococcus cremoris 70006 78995
Streptococcus diacetilactis 78994
Streptococcus equi *5075
Streptococcus lactis 7982 17870 70006 79188 *45047
Streptococcus thermophilus 79000 *84328
Streptococcus viridans 32789
Streptococcus zooepidemicus 60123 *5034
Streptomyces 2613 28409 64128 72258 *28415 *28463 *80882 *81560
anatomy and physiology 64301
in soils 13816
Streptomyces aureofaciens 20314
Streptomyces aureus 56164
Streptomyces griseus 74 20437 48046 *28438 *80879
anatomy and physiology 20421
Streptomyces olivadeus 64133
Streptomyces roseoflavus *56157
Streptomyces scabies 11351 11789 28888 64300
Streptomycin 74 48046 54597 80883 *80879
effects on cattle *75996
effects on plant disease 28981
effects on plants 56866 73223 73324 89960
effects on poultry 23871
effects on semen 4409 *59435
effects on swine 16057 16070 51906 51938 85190
effects on turkeys 15845 23793 93004
therapeutic use 42682 75906 *4148 *4149 *51514
bees *52215
cats *76570
cattle 4606 42213 67674 67687 67713 *23294
dogs *76570
poultry 5371
swine 93258
turkeys 42642
Streptopogon matudianus 64251
Stridulation. See Insects, sonification.
Striga 47899 73263
Striga hermonthica 72617
Strigomerodes *52484
Strike. See Blowflies; Myiasis, sheep.
Strinati P *85600

*Text of this reference is not in English.

Item

Strip cropping 3057 90196
Strip mined areas *22357
Gt Brit 2691
Ohio 50326
planting 14633
reclamation 13875 30853 30886 40590 47936
Illinois 31120
Indiana 22154
Ohio 2678 40583
Pennsylvania 50308
rice 38806 *29000
tomatoes *29008 *38802
Striped cucumber beetle. See Acalymma vittata.
Stromatinia narcissi 38522
Stromatocrea n g 56325
Strongylocoris atrocoeruleus *52686
Strongylodon *56276
Strongyloidiasis 76558 *67346
Strongylopsis *61126
Strongylosis
cattle *68254
horses 67924 *5062 *23619 *59947 *67927
treatment 15668 33068 59926 84678 *59925
sheep *68254
Strongylus 23634 *4209 *83924
Strongylus edentatus *67927
Strongylus vulgaris 15682
Strontium 5903 51956 64867
Strophanthus 149 30650 *12550 *48180 *64900
Strophanthus boivinii *64901
Strophanthus glaber *74393
Strophanthus gratus. See Strophanthus glaber.
Strophanthus intermedius *39261
Strophanthus sarmentosus 62915 *64520
Strophanthus wightianus 74358
Strophosomus rufipes *34257
Strumella 64500 72751
Strumeta. See Dacus.
Strychnos *684 *28553 *56208 *64221
Strychnos congolais *73319
Strychnos foresii 28524
Strymonidia pruni 61158
Stryophyton n g 56218
Stryphnodendron barbatimam *91675
Stuart W 47062
Stubble 58531 *1116 *14040
burning *2684
U S S R *39403 *40749 *58295
Stubble crops *2760
Stump removal. See Land, clearing.
Stumpage. See Timber.
Stunt
blackberries *11993
Chrysanthemum 564 72830
corn 38814
raspberries *11993
Stunted chick disease 93008
Sturmiopsis *85756
Stygnicranella n g *68596
Stylidiaceae 12181
Stylidium graminifolium 723
Stylogyne *72372
Styrax *89294
Styrene 18620
Stysanus microsporus *60890
Suarezius *16583
Subancistrocerus 52725
Subeidophasia *85956
Subsidies 55341 55444 88444 88446

Item

Subsidies--Cont.
Germany *10078 *37449
Gt Brit 46570 46578 55558 *71520
Iceland *27593
Italy *53455 *61773 *88445
Mexico *63466
Norway *46356
Ohio 18898
Sweden *19075
Switzerland *10237
See also under specific subjects.
Substance P 15578
Substrates 59287
Subterranean clover 42508 49523 65186 78194 85131
anatomy and physiology 12296 48051
Australia 1473 57293
biochemistry 20436 24150
chemistry 35878
fertilizers 49483
in animal nutrition 50812
New Zealand 55419
planting
New Zealand 20736
seed 65146
toxicity 51822
Uruguay *39445
varieties 79194
Yugoslavia *90409
Subtilin 54597
Succinic acid 12373
Succinoxidase 56986
Succisa *80934
Succulents 1978 30253 90873 *13240 *30177 *64184 *65570 *82372 *90898
anatomy and physiology 12266 *90103
Asia 11446 30194
culture 13209 21068 65559 65741 90760 *39940 *48916 *48971 *65513 *74007
Germany *13279
Gt Brit 48946 49066
cytology 719 20178
hardiness *13164
India 11446 30194
Japan 13378
Madagascar *47159
Netherlands *30372
taxonomy *80970 *80993
Tropics
Africa *80935
Union of South Africa 74071 82428
varieties 13373 21051 48980 73919 74077 90786
Suckfly. See Dicyphus minimus.
Sucrose 12254 12346 27179 94663 *27127 *27176 *29455 *64720 *95546
chemistry *27166
determination 54898 95514 95526 *44794 *71128
effects on plants 12467 48069 56926
in food processing 53851 *62243
in plants 936 12341 48170 56983 73330 *36905 *47956 *64720 *64812 *88076 *90013
processing 79965 *63140
Suctobelba *6364
Sudan Ministry of Agriculture 96185
Sudangrass. See Sorghum vulgare sudanense.
Sudden death
Syzygium aromaticum 339 56616
Süddeutsche Butter- und Allgäuer Käsebörse *70093

Item

Süddeutsche Tabakzeitung *9703
Sugar 9667 42933 71160 79939 88057 92239 *9670 *36919 *61699
agreements 45967 72067 80602 *63829 *72021 *72066
analysis and composition 9653 9665 9668 18797 36915 36970 54887 63104 79924 95480 95505 *9663 *18756 *18786 *36955 *46032 *54874 *63118 *63134 *63136 *95511 *95512 *95525
associations 46024
Australia 79939
bacteria 54903 79976 95539 *27143
Brazil *9657
chemistry 18777 18779 63142 79925 79934 79951 79979 *18769 *54875 *63132 *63133 *71150 *71151
Colombia *20751 *71157
color 9653 54880 63104 *9670 *27132 *27178
conferences and congresses 71116 79918 95513 95545 *18760
consumption 36928 *18805 *71132
Italy *18788 *71133
containers 95559
cooperatives 9674 18782
costs and returns 36952 55459 *18776 *46492 *88593
Cuba 36913 *88061
determination 9142 20476 69572 *35547 *35589 *54908 *78905 *79361 *95134
directories 18789 27113 36899 95523
effects on plants *29211 *47980 *90945
feed for bees 52237 77506 77543 93643 *16464 *34144 *52207 *77572
fermentation 39000 79921
Formosa *45979
Hawaii 79939
history 9691 *79928 *88055 *88087 *95481 *95482
Australia 9679 27147 36939 46009 63121 88075
Brazil *9672 *18778 *36911 *63110
Germany *9677 *45971 *46028 *54872 *95547
Mexico *36962
Spain *9681
Union of South Africa 63116
hydrogen-ion concentration 71125 *45983
in blood 41885
in feed 41739 *3964 *50801
in fruit 36151 62485
in grain 95179
in plants 19580 39088 39158 47972 64874 64888 69571 79209 81710 90183 *29378 *74365 *89969 *90141
in wine *61901 *61980 *78903 *78905
industry 9688 36897 36935 79916 88100 *9673 *63114 *63127 *65260 *88066 *88098
Australia 9658 36937 54886 71140
Queensland 18782
Austria *88034
Brazil *79926 *88049
Canada 18804
Chile *27165 *88069 *95492
Colombia *71157

Item

Sugar--Cont.
industry--cont.
Cuba 79962 *18751 *27137 *63114
Dominican Republic *72021 *88077
equipment
U S S R *46037
Florida *27137
Formosa *27136
French Indochina *54902
Germany *46017 *54872 *63127 *63135 *88030 *88046
Gt Brit 36944
Hawaii 36908 36920 *27136 *27137 *63114 *95522
India 36906
Italy 40795 *95490
Latin America *71117
Louisiana *27137
Mauritius 88074 *18799 *27105
Mexico 71164 79922 79968 *27137
Philippines 27102 27126
Puerto Rico 37760 79919 *95532
Réunion *18799
Spain *27152 *54894
Union of South Africa 9651 36921 36956 36958 54886
U S S R 18806 *27130 *27135 *27172 *36925 *36965 *63138 *71122 *71137 *88073 *88086 *88098 *88593
Venezuela 46013
West Indies 36907
Western States 54913
legislation 79953 88063
liquid 63092 63141 71159 79954
manufacture and refining 9652 9669 9690 18796 27101 27156 27174 36898 36949 36963 36968 45974 45989 46010 46015 46020 46021 54882 54903 54912 63091 63119 71163 71165 79941 79948 79958 79971 88033 95489 95495 95502 95558 *9661 *18794 *27115 *27166 *27168 *36941 *36954 *46033 *63108 *63122 *71115 *71148 *71149 *71156 *79978 *95508 *95524 *95543
Australia 63123
Brazil *36912 *71123
British Guiana 71152
California *79949
Cuba *71144
equipment 54883 54892 *27112 *27125 *36904 *88037 *88058
U S S R *27110 *27134 *27170 *36926 *36927 *88031 *88094
Formosa *27109 *27127
Germany *45972 *45988 *46001 *95491
Hawaii 63123
history *71155 *95494
Java 95496
Mauritius 63123
Mexico 72598
Union of South Africa 27148 54888 63100
U S S R *27106 *27116 *27117 *27120 *27128 *27144 *27158 *27159 *27162 *27163 *27172 *36896 *36901 *36902 *36940 36943 *36960 *36969 *45981 *45993 *45994 *45996 *45997 *45998 *46005 *46006 *46008 *54914 *63146 *71127 *71154 *71158 *88032 *88054 *88056 *88064 *88068

*Text of this reference is not in English.

Item

Sugar--Cont.
marketing 88051 *36959
Germany *63109 *71138
Philippines 27150
nutritive value *19569 *28240 *38137 *96154
packing 36953 *45991
policies and programs 54913 79935 79973 88091
Cuba 36946
India 79964
Philippines 54893
Réunion *18776
Spain *18787
U S S R 27149 *27154 *36966 *54910 *88082 *88083 *88099
prices 27161 46023
Japan *88048
Germany *36914
Madeira *71112
Réunion *18776
Spain *79966
products 9656 27156 *36914
analysis and composition *36951 *45973 *63089 *63094 *63131
properties 54885 63105 79929 *63118 *71121
public relations 54881
Puerto Rico 27167
quality 36898 36922 95539 *63136
regulation and inspection
Germany *18767
requirements 88028
research 12862 27103 36910 36917 45978 71162 79942 88091 *18774 *18801
U S S R *45968 *88097
West Indies 54873
situation and outlook 18807 36916 36945 63090 63149 79915 88028 *63126 *88027 *88039
Brazil *71135
Chile *88070
Cuba *95535
Dominican Republic *36942 *88040
Germany 79967 *18793 *25877 *36934 *95519
Gt Brit 27155
Hawaii 36936
India 9666 45992
Italy *79927
Japan 79955
Philippines 27141 79946
Puerto Rico *45987
Spain *36924
Spanish Guinea *36924
Union of South Africa 36957
U S S R *36950 *46003
statistics 18807 36913 36923 36929 71111 *27171
Chile *95506
Cuba *27129
Germany 88026 *9684
Spain *71143
U S S R *27171
storage 36961 54885 79929 95548 95557 *54877 *54904
subsidies *95779
tests *18765 *36904 *45984 *45986 *63129
trade 72067 88947 *46928
Australia 28111 80602
Cuba 38036
Germany *63109 *72066
Gt Brit 10958 80613
Mauritius 88074
Spain *79966
transportation 45969 54879 95488

Item

Sugar--Cont.
transportation--cont.
equipment 7207 95520
Germany *46011
U S S R *63113
Union of South Africa 48635 54911
U S S R *20770
utilization 87492 *62206 *88038
Gt Brit 71131
industrial 18795
Italy *71133 *86773
waste 79923 *18785 *40836 *54908
See also Alcohol, from sugar; Bagasse; Fructosans; Fructose; Glucose; Maple sirup and sugar; Molasses; Reducing sugar; Sirups; Sucrose; Sugar beets; Sugar-cane; and subhead sirup and sugar under specific subjects.
Sugar Act 88051
Sugar-beet wireworm. See Limonius californicus.
Sugar beets 12880 88079 *65246 *65263 *93875
acreage and area *44627 *54897 *79927 *88060 *95515
analysis and composition 27173 39609 79932 95487 *18755 *18803 *27107 *27142 *27164 *45975 *54878 *62321 63139 *71128 *82117 *88025 *88067
anatomy and physiology 12343 12346 38953 39061 39198 39215 73246 *853 *961 *1004 *1016 *12411 *12413 *20416 *28773 *45085 *48072 *48634 *56918 *81400 *81615 *81710 *90013 *90115
Argentina *29838
biochemistry 56987 *12552 *29455 *29489 *39230 *39258 *48191 *90163 *90177
breeding 39615 38665 48619 57368 73668 73675 82104 *1519 *29845 *29847 *65254 *65257
Denmark 57381 *48604
Germany *46197
Italy *82111
Netherlands *73688
USSR *73685
California 73692
care and handling 9693 *95518
chemistry *36905 *45990
Chile *95492
compulsory deliveries *88065
conferences and congresses 39600
Gt Brit *46027
cooperatives 27146
costs and returns 19160 95866
Gt Brit 88578
Spain *80334
culture 1515 12877 39295 39633 40818 43982 43983 43985 44003 48610 48632 53016 57037 61360 73670 *1518 *1523 *12866 *29842 *29849 *29852 *39611 *40762 *73681 *78417 *82112
Algeria *65247 *65266
Argentina *39610
Austria *48631 *73671
Belgium 91369 *78337
California 20758
Chile *12861 *12872 *12878
Czechoslovakia *12883
equipment *7059
France *34835

Item

Sugar beets--Cont.
culture--cont.
Germany *39614 *39618 *48208 *48609 *48623 *48627 *57372 *57376 *57382 *6142 *65253 *81798
Gt Brit 39624 39626
Gt Plains 12879
Israel *65249
Italy *29857 *48628 *57385 *65261 *65273 *73686
Netherlands *12864 *20759
Spain *1513
Sweden *1532 *12860 *57377
USSR *20764 *20767 *39623 *39640 *40741 *44062 *48625 *48637 *57375 *57379 *82103 *82114 *86220 *90492
Wisconsin 39629
diseases 568 569 578 602 616 29043 38808 64585 72869 89486 *289 *317 *585 *588 *6677 *11653 *12040 *12041 *19996 *28773 *28925 *28994 *28995 *38824 *56458 *56459 *56472 *72870 *81192 *81331 *81615 *89706 *89715 *89741
Belgium *89496
Canada 64357
control 47519 *38668 *52056 *72628 *81252 *81262 *89737
Denmark 558
Europe 72854
France *33848 *81231
Germany *20023 *47566 *47656 *89629
Italy *89594
resistance 38652 38665
transmission 29033 *38826 *89593
USSR *24427
equipment 25178 25184 25196 25213 44089 52926 69182 *17405 *25288 *25292 *25310 *34846 *52936 *52981 *52991 *78417 *94260
France *34835 *43955 *44039
Germany *43976 *43987 *61421
Ireland 94253
Netherlands *27394
USSR *54871 *86220
farms 27616 95828 *88306 *88501
feed 59244 67561 *15124 *24267 *33689 *42080 *59234 *59581 *84235 *92545
Chile *4495
Germany *42101 *92203
Russian Zone *84170
Netherlands *24247
USSR *62321
fertilizers 13958 40638 40639 40679 40922 49599 49606 49608 49787 58266 58545 91312 *13910 *13969 *20286 *82797 *91284 *91285 *91309
Austria *58221
Germany *49622 *82811
Gt Brit 74574
Italy *40625 *91275
Ohio 40659
USSR *21690 *40719 *40742 *66371 *91342
forage plant 73517 *65145
France *73665 *79930 *88055
genetics *29843 *56731 *89909
Germany *88030 *88046
germination 39607 *12865 *29848 *29859 *39619

Item

Sugar beets--Cont.
grading and standardization 9650 79944 *88045
Gt Brit 36944 39608
harvesting 29858 *29865 *57374 *90475
equipment 7094 7124 7136 7143 17340 17361 17364 25253 25321 25336 34810 34880 34897 34898 44070 44081 44089 61454 61456 61463 94327 *7097 *7110 *7131 *7140 *17347 *17349 *17350 *17354 *17357 *17369 *25330 *34869 *34873 *34894 *34896 *44006 *44080 *44102 *44103 *44105 *52983 *53068 *53078 *53087 *53093 *61449 *69220 *86254 *94317 *94324
Austria *44085
Belgium *7087
Gt Brit 44106
Netherlands *69236
Sweden *44097
USSR *7127 *44083 *44095 *44110 *53079 *86260
Europe 1522
Finland *12885 *20769
Germany *29863 *86267
Netherlands *12858 *18950 *20756
USSR *20766 *27401 *44104
history *95484
hybrids *73684
industry 9649 18800 88078
California 79974 88059
Canada *18759
Germany *88089 *95485
Gt Brit 46018
Iran 1531
Italy *9682
Montana 79947
inoculation *40514
Ireland 29844 48599 73676
irrigation 21857 40817
Italy 40795 *29846 *57386 *65270 *73686
juice and sirup 95487 *9675
analysis and composition 27173 45977 *46035 *79936 *79969 *79970 *88076
chemistry *18758 *88042 *88084
clarification 9692 *27158 *46025
Germany *79933
grading and standardization 88092
processing *9659 *18763 *63093 *63098 *71114 *88044 *95509
labor 43983 63299 63343 80115 *80093 *95662 *95676
Germany *9905 *46197 *63342
Netherlands *27394
USSR *27352 *27416
marketing
Germany *18766 *27114
Spain *54890
Western states 79956
pests 61169 72909 93799 *16169 *34236 *60597 *60874 *68649 *68650 *93806
Belgium *89496
control 33891 60824 *52056 *52150
France *5924 *33849
Germany *16861 *43433 *43473 *93998
Italy *52491 *57385
USSR *24427 *24960 *85403
planting 39606 39609 57388 *2856
Chile *90475

*Text of this reference is not in English.

Item

Sugar beets--Cont.
planting--cont.
equipment 25314 44066 44070 61442 78437 *25313 *69215 *78431
Italy *12870
Netherlands *48617
USSR *20760 *20763 *39604 *39621 *39622 *65269 *65271 *82113
policies and programs *36909
pollination *48135
prices 71130 *9662 *36930 *79966 *95503
processing 9652 9654 9690 27100 45974 *18758 *18763 *27142 *45972 *45990 *79928 *88035 *88065 *88085 *88088 *95497 *95499 *95537 *95546
California *79949
Canada 18784
equipment 54892 *45995 *45999 *54907
France *36909
Germany *45999 *95547
history *95510
USSR *27106
products 23854 *63097
propagation *48600
proteins 63137
pulp *54900 *92194
feed 22841 *15089 *50697 *50816
quality *27099 *95498 *95503
research 36967 73689
seeds 39612 73682 *12884 *27086 *45934 *65248 *82108 *82109 *90476
Germany *1533
Russian Zone *65268
Gt Brit 73678
Netherlands *82106
pellets *20765
pests *52488
processing *9631
segmented 29850 57369 *9631 *39603 *39631 *48620 *52488 *57383 *65248 *65254 *90479 *95662 *95676
Germany *90480
treatment 19925 *57370
USSR *1004 *12873 *20763 *34912
vernalization *20310
situation and outlook 27169 63148 71153 *63102 *88039
France *18750 *88072
Germany *54878 *63125
Italy *46019
Spain *54891
soils 39606 40597 40693 *2572 *2786 *13778 *31019 *44055 *82698 *91343
Belgium 91174 *2787 *21780
Germany *48623 *82909
Italy *13773 *40625
Netherlands *49639
USSR *40884 *82117
spoilage 18775
spraying and dusting *34971 *38655 *89629
sprout prevention 12507
statistics 79917
Germany *63144
storage 9694 29858 *9687 *27160 *45085 *45980 *54874 *54900 *54906 *63120 *86172 95516
California 27124
Eastern States 45985
Finland *27151
Sweden 29861
thinning 39625 65255 65272

Item

Sugar beets--Cont.
thinning--cont.
equipment 61417 61431 61442 78413 86240 *25308
tillage 2871 *7073 *69190
tops 1438 50731
feed 3879 22857 67279 *15366 *32252 *35914 *75802 *84199
transportation equipment *94242 *94396
USSR *27177 *73690 *88081
USSR *20768 *29837 *49831 *57384
varieties 12890 46002 48606 *39285 *65252 *82116
California 20762
Chile *90464
Germany *39630 *48615 *95498
Italy *12881
waste
analysis and composition 27140
feed 50731 75783 *41722 *83753 *92203 *92361
utilization 46031 *45994
weed control 30541 30623 40278 40318 40679 57928 61413 91036 91058 *13529 *30577 *30578 *57931 *91024
weight and measurement *46022 *63147
Wyoming 27133
yields 17364 39616 40716 81803 91154 *2786
Chile *18790 *18791
Germany *1533 *29856 *40610 *88089
Russian Zone *90002
USSR *39613 *57380 *66371 *88065

See also subhead beet tops, beets under Silage.

Sugar Research Foundation 79942 *18774
Sugar Technologists Association of India 95545
Sugarapple 9464 40356 40357
Sugarcane 73667 90482
analysis and composition 846 27121—27123 46014 54896 54905 79972 *66476 *71113
anatomy and physiology 895 1524 12254 12285 12341 12379 20146 29277 38921 39151 73100 73116 73129 73150 73234 89932 89933 89934 90020 90101 90111 90481 90485 *39114 *73693
Australia 29860
biochemistry 90181
Brazil *22371
breeding 39634 48626 64543 90478 90487 90488 *39632
Africa 89934
Australia 90466 90470
Barbados 29864 48633
Florida 89471 89475
India 82115
Java 65251
Louisiana 89471 90463
Union of South Africa 48603
Ceylon 48608 90490
chemistry *18780
conferences and congresses 36948 36952 45976 73673
costs and returns 10368 10379
Cuba *81564

Item

Sugarcane--Cont.
culture 7255 39601 39627 48636 48639 49833 *1527 *9683 *12888 *29841
Argentina *1514 *48611 *65250
Australia 12876
Brazil *12859 *29839 *29855 *34844 *90469 *90489
British West Indies 12892
Formosa 90474 *1528 *27136 *39635 *82110
Hawaii 48605 48613 48629 *27136 *48616
India 1530 66408
Jamaica 39605 *12868
Madagascar *39639
Philippines 29862 43958
Puerto Rico 61376
cytology 89843 *38923 *38924
diseases 11753 11802 28825 38662 47407 56607 64453 64511 64542 72626 72695 72821 89457 89522 89552 89569 89585 *11959 *11992 *47500 *64797 *72710 *81344 *89540 *89545 *89713
Australia 11688 11726 64356 64370 64386 89505
Brazil *19964
British Guiana 38784
China *81259
control 11939
Formosa 89518 *72853
Java 89603
Louisiana 64473 89472 89589 89671 89672
Mexico *11644 *72546
Peru *47417
Philippines 11892
resistance 64409 64543 72824 89471 90463
Union of South Africa 56382
drought resistance 90485
equipment 7070 17300 25225 34780 52941 69199
Far East 73068
farms 10379 46446 80405
fertilizers 16252 30980 31022 40627 40674 40690 40702 40985 49613 49614 49746 58248 58252 66346 66362 66424 74555 74563 74640 *2707 *21695 *49640 *58365 *74639 *88830
Australia *74453
Barbados 58337 66415
Brazil *18869 *30941
British Guiana 29854 66355
Dominican Republic 40691
Formosa *22022
Hawaii 49644 49671
India 2817 58253 66395 90484
Louisiana 91290
Mauritius 91302
Philippines 74602 74603
Puerto Rico 58344
Peru *66378
Trinidad 66337
Formosa *20761
genetics 772 73068 89899 90478 *38980
germination 90001
growth 90484
harvesting 39636 95507 *18781 *90491
equipment 17358 17366 44077 53086 69230 78460 94342 *61446
Formosa *27136
Hawaii 48622 *27136 *48616
Hawaii 29851

Item

Sugarcane--Cont.
history 48621 *65258
hybrids 39617 89906 *65259
India 772
industry
Ceylon 95544
French colonies *46004
India 54876
Venezuela 27153
injuries 89475 89489 89530 89544 *847
irrigation 49531 49865 82538 *14054 *31078 *66476
Africa 91412
Hawaii 49874 49944
India 90483
Philippines 58468
Jamaica 66460
Java 90473
juice and sirup 95531
analysis and composition 9686 46016 54898 71161 *88029
clarification 46021 71124 79943 79952 95486 95501 95534 95536 *9683 *36933 *54889 *63117 *71134 *95529
color 63095
freezing 54909
grading and standardization 46030 63095 88092 88093
hydrogen-ion concentration 27174
Java 63107
keeping quality 95493
processing 18783 27138 63099 71142 95521 95556 *27176
keeping quality 89489
labor 18947
losses 95554
marketing
Australia 95553 *18772
Mauritius 57378 95643 *12886
New Guinea 48638 *90465
pests 6654 6755 11689 25072 43921 43928 52794 56375 61060 85913 93423 *43637 *89540
Argentina *68984
Australia 11688 93450
Barbados 94142
Brazil *61058
China *85849
control 5949 16252 16658 93817 94100 *17072 17073 81147
Cuba *16232
Formosa *52414
Hawaii 93464
Latin America *61162 *68912
Louisiana 61166 93366
Mexico 25029 93496 *11044
Natal 93385
Peru 94057
resistance 94112
planting 17325 25309 48639 73677 90483 *48614
pollen *38944
prices 79950 *71112
processing 18771 54884 54901 54905 79938 79940 88052 95551 *18753 *18781
equipment 18808 *18764 *18770 *36903
Puerto Rico 63111
products 63145 95549 *36938 *63097 *71136 *88071
Puerto Rico 57389 *18792 *29840
quality 6654 36931 54895 79950 88053 90483 95507
research 48601 65267 73664 *65264 *82110

*Text of this reference is not in English.

Item

Sugarcane--Cont.
seeds 48630 90481
situation and outlook 88050
soils 13984 49537 66423 74654 *12869 *91280
Australia 74662 *74453
British Guiana 66338
Formosa *40466
Hawaii 49528
Louisiana 72713
Mississippi 58241
Philippines 13954
Puerto Rico 58383
Union of South Africa 49723
statistics 9660 54896
tops
feed 22864 23242
transportation
Formosa *27136
Hawaii 63096 *27136
Puerto Rico 18802 63128
Trinidad 20755 39637
Union of South Africa 10537 94244
utilization *88062
varieties 12874 27121 36931 39628 66025 72824 73683 73687 79972 81451 88053 89295 89471 89900 94112 *1525 *12869 *18752
Australia 12875 65262 65265 90467 90477
Barbados 29864
British Guiana 29854
Cuba 73672 *1521 *12867
Dominican Republic 39620
Formosa 73680 82105 *20757
Hawaii 48602 48607 48618 48625 *20754 *73691
India 1520 1529 46014 90468
Japan *12863
Louisiana 90471 90472
Mauritius *12889
New Guinea 1516 20752 29853
Philippines 12887 20753 39602
Puerto Rico *90486
Rhodesia 1526
waste 49833 88052 *36938 *71136 *88071
feed *18054 *92235
utilization 79977 *18754 *36964
weed control 13534 13546 13569 13572 13623 13624 13638 30604 49288 66017 82538 91006 *82592 *89540
Australia 65982 91007
Hawaii 49271
Louisiana 49289 74317
Philippines 82542
Puerto Rico 57965 *40296
Trinidad 65925
wild 20752
yields 1524 6654 73663 90483 91316 *12882 *18752 *18753 *31078 *74563
Antigua 12891
Barbados 57371 73674
British Guiana 54896
Cuba 73669
Union of South Africa 36918
Sugarcane borer. See Diatraea saccharalis.
Sugarcane wax 46034 71120
Sulcifigia n g 68685
Sulcorebutia n g 19806
Sulcymid *42455 *42458
Sulfa drugs. See Sulfonamides.
Sulfadiazine *4149

Item

Sulfaguanidine *68063
Sulfamethazine 59940 68062 76342
Sulfamezathine. See Sulfamethazine.
Sulfamides. See Sulfonamides.
Sulfanilamide *50814
effects on cattle 51008
effects on plants 39060 *47514
therapeutic use *50914 *67684
toxicity *67822
Sulfanthrol *33054
Sulfaquinoxaline 15804 33260 76764
Sulfate liquor 3783 3784 32106 32108 41571 41640 67181 75581 75634 83644 *15002 *32160
Sulfates 68013 *73332
Sulfathalidine
effects on swine 16070
Sulfathiazole 43293 52266 68534 *24640 *34082
Sulfhydryl compounds 45562 79055 94802
Sulfite 8674
Sulfite liquor 22642 22734 32102 67160 67166 75588 *3688 *3712 *14897 *22637 *32177 *75624 *75625 *92101
analysis and composition 3722 3734 *3737
bibliographies 59071 *3724
utilization 3767 22674 22676 32067 41538 41584 59048 83612 *3711 *14946 *31236 *41555 *75601 *92100
bibliographies 32094
Sulfonamide. See Sulfanilamide.
Sulfonamides 15134 32332 *4160 *4697
effects on cattle *23280 *76302
effects on goats *24148
effects on plants *29197 *72685
effects on poultry *5338 *68045
residues 79093
synergism 24840
therapeutic use 67405 75842 *59359
bees 6274 24520 *24643 *43300 *60738
cattle *23280 *59675 *76343 *84297
dogs *67827 *84519
livestock 4198 *3980
poultry 60129 84876 *5370
Sulfonic acids 59117
Sulfoxide 60543
Sulfur 3139 64079 91509 *53408 *54828
determination 12554 13783 56972 69560 *20451
effects on plants 12307 12321 12461 39025 47905 48051 73291 *12363 *52169
effects on soils 66176 66188
fertilizers 13966 30869 58310 66278 83148 74927 74939 *58321
France 31240
fungicides 11890 13816 19985 20001 38729 72690 *431 *11825 *28872 *28935 *89601 *89625
in animal nutrition 5659 75779
in food processing *10960
in fruit processing *18313
in human nutrition *53408

Item

Sulfur--Cont.
in plants 20451 56972 73291 *29449
in soils 56972 66376 82692 91213 *91202
in wine manufacture *7710 *25834 *35552
insecticides 52382 93490 *61103
properties 60628
radioactive 4112
residues *92361
situation and outlook 3134 14288 22044 40945 *14290 *31275
therapeutic use
bees 6177
toxicity 76338
Sulfur anhydride *8668 *18046 *35487 *36156
Sulfur compounds 75881 *88035
Sulfur dioxide 34232 95111 *35454 *87987
effects on plants *73156 *89490
in feed processing 70323 70324 79205
in food processing 7655
in fruit storage 26591 36278
in silage 3901 59201 59239 67288
in sugar manufacture 95486 95534
in wine manufacture 53609 *7763 *35490 *44651 *44715 *44716 *53672 *61916 *94681
therapeutic use *22953
toxicity *5059
Sulfuric acid 14265 *26554 *32167 *32168 *40935 *53648
determination *44427
fertilizers 3141 31281 74924 *14274
in wine manufacture *25828 *86749
in wood processing 75693
Sulfurous acid 59992
Sulkowitch test 4686 15484
Sulla sweetvetch *29819 *90393
culture *40480
pests *34241
soils *40480 *74460
pollination *34114
Sulphite Pulp Manufacturers' Research League 22676
Sultanas. See Raisins.
Sumac. See Rhus.
Sumatria *77881
Summer savory *17802
Summercypress *48431
Sumnevich G P *56025
Sunburn *369
Sundials *71591
Sunflower meal 67994 76213 *87130
Sunflower oil 9396 54718 *9384
Sunflowers *12847 *21447 *48574 *70907
anatomy and physiology 12293 56914 64736 81583 81584 81596 *784 *955 *12350 *12496 *20188 *20361 *20417 *29129 *29346 *64754 *90094
biochemistry *12533 *20443 *47886
culture 2498 *1497
Germany
Russian Zone *90462
USSR 12723 *1506 *20749 *39589 *90456
diseases *11860 *20032 *20048 *81311 *89669

Item

Sunflowers--Cont.
feed *90462
fertilizers *49768
forage plant *12757 *57189
genetics
USSR *38996
harvesting *34887 *34904 *39598 *57244 *86266
Germany
Russian Zone *90461
history 1496
hybrids
USSR *20250 *39594 *57274
injuries *81198
planting 12855 *57098 *82098
pollination *38954
propagation *20250 *20443
seeds *18611 *45811 *47561 *57321 *62911 *95750
situation and outlook *62892
spraying and dusting *12350
USSR *3456 *20646 *40314 *73651
utilization *87860
varieties
USSR *12852 *90454
waste *58594
yields
USSR *1504 *29830
Suomen Maatalous-Osake-Pankki 9839
Supella supellectilium 78230
Superfetation 15410 42403 67705 *60361 *76285
Superphosphates 22010 49689 58577 74924 82818 91509 91529 *14257 *21768 *22004 *40724 *50059
application 91289 *21530 *31001
Denmark *66732
effects on plants *48105
fertilizers 2332 2800 13891 13967 30926 49748 58239 74626 91320 *2602 *12551 *14259 *14274 *21668 *49600 *58299 *58358 *66321 *66364
manufacture 40941 66709 91522
Sweden *58539
transportation 50014
USSR *21710 *21713 *21743 *40743 *49563 *49788 *82846 *91188
Supersonic vibrations
effects on insects *6541
effects on plants *81673
effects on seeds *909
effects on viruses *4131 *41814
effects on wood 22638 *32172
in brewing *7828 *71198
in dairy industry *8246
in food industry 7796
in food processing *18838 *44602 *86811
in meat industry *8246
in tanning *9345 *79742
Supervitamin T. See Vitamin T.
Supona. See DDT.
Surital sodium 15138 42369 51372 51422 75961
Surpluses. See subheads purchase and sale programs; surpluses under specific subjects.
Surra *41835
Surveying 34742 52914 *86101 *94216
Survival 55606
Suscaridin *51991
Sutter Basin Growers Cooperative 36349

*Text of this reference is not in English.

Item

Sutures 50855 *15183 *92250
Suzuki *88678
Svenska Agghandelsförbundet *79871
Svenska Faravelsföreningen *51883
Svenska Institutet för Konserveringsforskning *69173
Svenska Skogsvardsföreningen *58611 *91575
Svenska Smörprovningarna *8012 *17895 *94815
Svenska Svinavelsföreningen *33663
Svenska Textilforsknings-institutet *35981
Svenska Träforskningsinstitutet 83558
Sveriges Ayrshireförening *32538
Sveriges Biodlares Riksförbund *16454 *68583
Sveriges Jerseyförening *23137
Sveriges Pälsdjursuppfödares Riksförbund *38052 *76607
Sveriges Pomologiska Förening *36260 *39850
Sveriges Slakteriförbund *70843
Sveriges Utsädesföreningen 29139 *73 *29627 *39264 *39265 *90212
Sveriges Yrkesfruktodlarens Riksförbund *1631
Swamp fever of horses. See Equine infectious anemia.
Swamp Land Act 37706
Swamps 13841 31490 *31065
See also Marshes; Peat bogs; Sphagnum bogs.
Swanson C A and Sons 35660
Swayback 85126
Swaziland Dept of Native Land Settlement 37639
Sweadner W R 19660
Sweat glands 76292 76416
Swede turnips. See Rutabagas.
Sweden Lantbruksstyrelsen *72175
Sweden Statens Centrala Frökontrollanstalt *9642 *79912
Sweden Statens Husdjurs-försök *42422
Sweden Statens Lantbruks-kemiska Kontrollanstalt *56000
Sweden Statens Skogs-forskningsinstitut *58672 *58806
Sweden Statens Växtskyddsan-stalt *11715
Sweden Svinstamkontrollen *68296
Sweetclover 65000
anatomy and physiology 47774
biochemistry 64908
breeding 39551
Canada 29786
culture 1410
diseases 38691
France *29736
genetics 20201 20244
Germany
Russian Zone *65179
Italy *58019
pests 6448 16659 24417 25054 60850 77794
pollination 85472
seeds 68529 85472
soils 13965
toxicity 42140
varieties 1363 57248 57329 *57187

Item

Sweetclover weevil. See Sitona cylindricollis.
Sweetening materials 9685 54363 62256 62591 71119 71139 71160 79147 94835 *88090
Sweetgum. See Liquidambar styraciflua.
Sweetpea. See Lathyrus odoratus.
Sweetpotato flour 8862 45305 *26554
Sweetpotato meal 68026
Sweetpotato starch 36144
Sweetpotato vine borer. See Omphisa anastomosalis.
Sweetpotato weevil. See Cylas formicarius elegantulus.
Sweetpotatoes 13510
anatomy and physiology 12397 29392 47932 81676 *81738
Argentina *65910
breeding 90958
care and handling 94330
China *90988
consumer preferences 54241
culture 2204 2317 40161 *2318
Japan *69532
Louisiana 7353
Morocco *82480
Peru *40249 *57824
Puerto Rico *49202
Texas 90940
curing 26621
diseases 56614 64572 72679 72863 *28919 *89712
control 495 40240
Florida 89736
Japan 12031
resistance 57809
transmission 89701
feed 5232 *39597 *76768
fertilizers 40613 81676 91306
Florida 21331
freezing 8889
harvesting 2221
equipment 94330
history 13455
injuries 29392
Japan *65835
Japan 8615 *39596 *69532
marketing 36176 70582
Morocco *74139
nutritive value *39597 *69532
pests 6499 16223 52138 52416 77790 *6498
Hawaii 16637
planting 40240
processing 54324 72664 79488
quality 18264
quarantine and inspection 60612
seeds 2234
situation and outlook 18217
soils 40613
sprout prevention 18304
storage 2221 8918 13455 18304 36268 70648 79431
Tennessee 49223
transportation 18264
utilization 26497
varieties 2228 13489 40173 40200 57809
Israel *82487
Maryland 57856
Philippines 2166 65865
waste
feed 76168
weed control 30622 66006
yields
Maryland 57856
See also under 4-H Clubs.

Item

Sweetscented oleander. See Nerium indicum.
Swietenia 22551 *3816 *66916
Swietenia macrophylla 18743 36889 75307 *41222
Swietenia mahagoni *83310
Swift and Co 36677
Swine 5866 33761 43096 43097 52014 68349 68360 85288 *43111 *50958 *85289
abnormalities *16081
advertising 68353 77057 77058 79703
Africa 32469
anatomy and physiology 16102 16104 24304 43034 53238 60451 *5778 *5818 *5822 *33738 *33740 *43006
associations 77049 *5852
bacteria 43074 *5834
Brazil *27660
breeding 5732 5737 5738 5744 16046 16047 16122 24227 33649 43009 43011 43016 51889 51892 51896 60397 60398 68287 77046 77050 77054 77056 77146 92173 93204 93206 93282 *5726 *43006 *43014 *51303 *51887 *51890 *51898 *60405 *77041 *77043 *77048 *77051 *77059 *85182
Australia 5867
Austria *4264 *33648 *51901 *60394 *77053 *85180
Belgian Congo *24316
Brazil *15671 *60492
Canada 43004
Denmark 51895 60396 77052 85172 *5729 *24224
effects of feeding 5777
Fiji 60403
Georgia 93198
Germany *5730 *5735 *5736 *5864 *16042 *16050 *23093 *33657 *43002 *43005 *51900 *68295 *77044 *93215
Russian Zone *85175
Gt Brit 5739 5740
hybridization 5747 24225 *51887
Puerto Rico *93200
Sweden *33656
U S S R *51888 *51899 *60393 *60400 *77055 *93212
inbreeding 24225 33665 43013 43021 60399 85173 93217 *5742 *33650
Italy *5731 *24222
Japan *85179
Netherlands *16045
New Zealand 68292
Spain *16049
Sweden *16051 *16052 *33654 *33655 *33663 *68296
Union of South Africa *43012
U S S R *5727 *24229 *32205 *33647 *33652 *33659 *33660 *33662 *33778 *60404 *77042 *77061
Yugoslavia *85184
breeds 5739 33760 60402 68291 77050 77063 85284 93217 *5748 *24316 *32205 *33664 *60404
Alemtejo *60401
Beltsville No 1 43020
Berkshire 16043 24226 24230 62807 68290 70827 85294 93195 *5741 *51899 *77045
Breitov *51899
Chester White 16048 93208

Swine--Cont.

Item

breeds--cont.
Danish Landrace 51895 60396 *43014
Duroc 43008 77047 77049 77058 77062 93197 *33658
Dutch Improved Land *43017
German Edelschwein *85175
German Improved Land-schwein *5735 *16050 *43007 *68310
Hamprace 93218
Hampshire 33661 68285 68286 93210 *43015
Hereford 93201
Large Black *85185
Large White 43001 93213 *16052 *43015 *51888 *51899
Maryland No 1 43020
Minnesota No 1 33665
Minnesota No 2 33665 43018
North Siberian *51888 *93214
OIC 93207
Poland-China 16048 43013 77057 93205
Polesian *24261
Resavka *85177
Spotted Poland-China 93209
Swabian-Halle *43007 *68310
Swedish Landrace 43003 93196 *16051 *43004
Swiss Improved Land-schwein *68289 *68293 *85183
Tamworth 93216
Wessex Saddleback 33651 *51894
White Ukrainian Steppe *24221
Yorkshire. See Large White.
Canada 60395
carcasses 5816 9283 33653 33764 45613 45684 45700 54642 60471 68338 70854 *24261 *62868
analysis and composition 62812 62817
contests 26852 79723 79725 *70852
grading and standardization 26851 95292
quality 9299 9300 18549 18558 77136
regulation and inspection *68335
care 4249 5744 5758 5770 5859 16048 16059 16066 16116 18557 24335 33649 33760 33773 33782 33791 33792 43032 43091 43092 43103 43110 51896 52003 52010 52016 60397 60411 60468 60483 60486 60498 60499 68333 77132 77135 77140 77142 77144 77145 77146 77148 77152 84010 85296 85301 93288 93296 94425 *16098 *16117 *16119 *24323 *43098 *43101 *43104 *51303 *52009 *52012 *53355 *59760 *60495 *77139 *85292 *93277 *93279 *93290
Argentina *24331
Australia 5867 24322 43107
Belgian Congo *24316
Brazil *60488
Costa Rica *33766
Denmark 85286 *16121
Georgia 5853

*Text of this reference is not in English.

Item

Swine--Cont.
care--cont.
Germany *5864 *24325 *77115 *86402
Russian Zone *85293 *93294
Gt Brit 5768 51922 85298 85300 *33775 *93280
Italy *60487
Netherlands *16045
Philippines 68363
seasonal 9274 24336 52002 77138 *60491 *77149
Spain *85291
Sweden *33780 *33788
Tropics *60494
U S S R *24221 *33762 *33781 *33783 *43102 *68357 *77061 *77150 *85297
color 33651 60402
costs and returns 5746 5772 27703 27712 37591 37621 43099 43110 46473 46486 77131 77145 88599 93291 *27738
France *80348
Germany *10416 *88576
Gt Brit 10425 55483
Scotland 46459
Ireland 63585
Sweden *46494
diseases 5796 16066 24315 33709 33773 43061 52014 54594 60468 77123 85280 93271 *5808 *5827 *5841 *93244 *93251
Asia *4725
Austria *33726 *36622
Belgian Congo *24316
control *5782 *51961
diagnosis *23322 *68327
France *33714
Germany *77115
Russian Zone *85249
immunization *67621
Netherlands *5804 *51998
Northern Ireland 51964
prevention 85295 *51957
Spain *33704
treatment 60464
Venezuela *85282
equipment 44283
estrus *75730 *85188 *85254
farms and ranches 33774
Australia 43107
Germany *27693
Gt Brit 60493
management 5863 5871 16046 16122 33666 33769 33771 43094 51889 68356 71571 93284 93286 93291 *10261
Brazil *10263
Gt Brit 88455
Union of South Africa 93296
U S S R *33765
Texas 24230
Union of South Africa 60481
U S S R *24318 *24338 *33697 *33776 *33778 *33785 *33789 *68358 *77150 *85297
feed relationships 16048 33770 62784 62854 68319 *85212
Ireland 63585
feeding and nutrition 4513 5750 5751 5754 5757 5758 5763— 5766 5769 5770 5771 5772 5781 5787 5788 5790 16053 16054 16055 16059 16060 16066 16068 16069 16071 16074 16076 16079 16080 16122 23822 24233 24237 24238—24240 24248 24251

Item

Swine--Cont.
feeding and nutrition--cont.
24255 24259 24260 24264 24265 24266 24271—24273 24277 24279 24280 33653 33666 33670 33673 33684 33686 33690 33691 33695 33696 33700 33760 33773 33792 43023 43024 43027 43029—43031 43034 43039 43051 43052 43056 51902 51908 51911 51912 51918 51936 51944 52010 60408 60409 60410 60413 60416 60418 60419 60432 60446 60476 68298 68299 68303 68304 68311 68316 68322 70780 77064 77065 77067 77079 77080 77082 77089 77090 77092 77148 85187 85196 85199 85221 85226 85301 93206 93223 93227 93228 93229 93235 93236 93238 93282 *5749 *5752 *5759 *5760 *5762 *5774 *5779 *5782 *5785 *5791 *5853 *16062 *16072 *16077 *16119 *24242 *24258 *24262 *24267 *24269 *33671 *33674 *33677 *33678 *33680 *33688 *33689 *33703 *35086 *42582 *43025 *43033 *43041 *43043 *51303 *51904 *51934 *51943 *51946 *60086 *60405 *60415 *60420 *60423 *60434 *60444 *68300 *68307 *68320 *68334 *77043 *77066 *77073 *77087 *77091 *77099 *85186 *85188 *85203 *85205 *85206 *85212 *85215 *85219 *85224 *85225 *93219 *93225 *93226 *93230 *94358
Argentina *24252
Austria *5767 *24270 *51923 *51924 *77085
Czechoslovakia *51926
deficiencies 16095 60425 *24245
Denmark *5753 *5755 *24243 *24268 *43053 *44270 *53274 *60437 *77084
equipment 85209
feedlot 51941 68297 *33694
Finland *77086 *85217
France *5776 *60426
Germany *5761 *5783 *24253 *24274 *24276 *24339 *26278 *33669 *33685 *42080 *43007 *43048 *43049 *51900 *51920 *51935 *60447 *68310 *85194 *93215
Russian Zone *51928 *85193 *85204 *85208 *85210 *85223
Gt Brit 10425 43040 85220
Italy *5780 *51910 *60487
Ireland 68318
Netherlands *24246 *24247 *24254 *85200 *85201
pasture and range 5768 5789 5871 16065 33672 33682 51909 51922 51937 60406 60417 68297 68311 68323 77069 77070 77076 77083 85222 93220 93232 *60421 *68301 *77093
Brazil *43055
Germany
Russian Zone *85191
Japan *3921
seasonal *77078
Southern States 66982
Sweden *33668
U S S R *24234 *24241 *42923

Item

Swine--Cont.
feeding and nutrition--cont.
research 51913
seasonal 16067 52002 *5786 *33685 *51920
Germany *16061
New Zealand 5775
Sweden *33676 *43038 *43044—*43046 *60407 *60435 *85216
Union of South Africa 68302 *82076
U S S R *24249 *24261 *24278 *24279 *33679 *33683 *33687 *33692 *33697—*33699 *43028 *43035 *43050 *51917 *51927 *51930—*51932 *51940 *51947 *60404 *60424 *60438 *60441 *60443 *67554 *68308 *68312 *68313 *77075 *77095 *77096 *93237
fertility 60399 *16050 *16090 *51893 *60479 *68294 *77060 *85174 *85180
folklore *43111
genetics 5737 33651 60451 *5819 *15047 *16050 *43006 *68294 *93211
Germany *33786
grading and standardization 36618 45690 45692 45695 62841 85299 87782
Gt Brit 5866 9295 24317 77134
growth 5845 16086 16110 51941 51944 51992 60428 60451 60456 60471 68325 85190 85207 85221 *5784 *16083 *43043 *51904 *85177 *85225 *92965
herdbooks 60395
Berkshire 5740
Large Black 5740
Large White 5740 51897
Middle White 5740
Tamworth 5740
Wessex Saddleback 5740
history 60481 *5862
housing 7332 17446 25486 35072 35081 44243 44269 53238 53245 53287 60397 61565 78607 78608 78610 86392 86400 *7304 *35086 *53267 *61559 *86398 *86424
construction 86393 *86415
Denmark *44270 *53241 *53274
designs and specifications 7300 17452 17469 35078 44278 44283 53276 61566 94425 *69401
France *7303
Germany *53269 *53292 *86402 *86404 *86407 *86415
Russian Zone *85293 *93294
heating *5854 *7306 *7311
portable 25490 *35091
sanitation 53265 *78598
U S S R *35071 *61577 *69400
ventilation *7311
hybrids 51889 *5734 *43007 *43015
identification 5870 9245 33763 93293 *93276
in art *43111
indemnities
Austria *36621—*36623
industry 5855 5857 9226 24333 26800 60398 60489 60490 68287 77047 87700 93285 *9222
Argentina *54591
Canada 9238
Denmark *26775

Item

Swine--Cont.
industry--cont.
Finland *18527 *45646
Gt Brit
Scotland 54565
New Zealand 5869 62790
Norway *9206
Spain *70776
Sweden *36542
Union of South Africa 36483 95224
Ireland 51897
judging 24319
Germany *24330
Kenya 33777
labor 9200 25280 85209 93284
U S S R *33762
lactation 16126 33772 43030 43065 77128 77129 85234 85294 *43082 *93267
litter size 5744 5746 24341 33771 33772 *43102 *77042
marketing 9274 9283 18540 36577 36595 45659 45673 45682 45684 45685 51892 62857 77144 93287 95282
Canada 54632
Denmark *26841
Germany *26839
Spain *85291
meat production 17469 33770 52003 52011 60482 60483 60496 62817 68362 85296 93278 93289 *51926 *52005 *60405
Belgium *43017
effects of breeding 5728 *24223
effects of feeding 33686 33764 *5773 *85203
Germany *60447
Gt Brit 85299
U S S R *33671 *68355
metabolism 60478 85214
mortality 5863 17452 43021 43091 51978
New Zealand 85294
Ohio 24226
parasites 5845 5847 33753 51992 59261 68323 68343 85279 *5808 *43081 *51994 *93251
control 5792 24287 42635 85230 85275
Georgia 60448
Maryland 60448
Venezuela *43064 *85282
parturition 33768 33769 33782 35072 35081 41831 43075 43091 43092 43109 77112 77148 93288 *43104 *51890 *52012
equipment 17264 69149 *24285
pedigrees 43018
pests 43922 *25132 *86097 *25142
Germany
Philippines 68351 68359
poisoning 5843 93265 93270 *2374 *5828 *33734 *33754 *42172 *49296
policies and programs 79649
Australia 5867
Germany *62774
Gt Brit 36476
Norway *95244
pregnancy 5777 5790 16092 24265 24271 33684 33782 43030 43065 68302 93236 *16098 *24262
prices 26862 26866 36627 45706 62854 62857 79732 95302
Austria *54658

*Text of this reference is not in English.

Item

Swine--Cont.
prices--cont.
Canada *36631
Germany *18575 *26567 *26870 *70866
Netherlands 36630
public relations 36581
quality 24341 33771 43099 51902
records and testing 5865 33758 43093 52008 52013 68350 68356 68361 77062 77131 93204
Denmark 51895 77052
Germany *24340 *52007 *60447 *77137
Russian Zone *85287
Gt Brit 33759
Norway *33767
Sweden *16123
Union of South Africa 85284
regulation and inspection *16115
U S S R *33783
research 77133 77147 *5856 *51894
Denmark *5755 *60484
U S S R *33783
restraint *16089
sanitation 5789 33709 68356 77143 85295 *5782 *16106 *93283
selection 43029 52008 60399 68290 77056 *5726 *77059
shows 24319 68290 77135 93287
Denmark *5860
Germany *16125 *24321 *24324 *24330
Russian Zone *83995
Gt Brit 33779
Italy *5858
New Zealand 24332
Norway *4746
Switzerland *5868
situation and outlook 9215 36521 45623 62769 62771 62781 62784 95271 95277 *9212
France *54567 *79650
Germany *9246 *9284 *26790 *45671 *62797 *62835 *70839 *87767
Gt Brit 79669
Italy *95256
Sweden *45642
slaughtering 16118 33787 43095 93295 *9245 *16115 *33790
Spain *52004 *77141
statistics 54687 79770 87817 *45736
Australia 87813
Austria *26910
Canada 79772
Germany *9284 *9376 *26911 *45749 *70839 *79765 *79771
Gt Brit
Scotland 18606
Mississippi 62888
New York 36680
Sweden *36682
sterility *16090 *93202 *93203
surgery 93257 *5808
Sweden *33664
Switzerland *68289
trade
Denmark *19498
France *38014
Germany *19498 *96098
Sweden 93196
transportation 4249
by aircraft 70827

Item

Swine--Cont.
types 24327 33772 52011 60490 *5729
bacon 5728 18533 33760 45613 60496 85299 *24229 *24261 *24268 *27738
U S S R *33784
Belgium *93281
Brazil *60492
Canada 54632
Germany *24339
lard *51927
meat 9258 24266 43020 60482 60489 77063 88599 93216 93278 93282 93292 95266 *24223
Netherlands *16120
vices *16114 *93267
watering 51939
weight and measurement 5769 5781 43013 68338 77131 *33671 *43006 *51894 *85235 *93237
Denmark *26841
Finland *85217
Japan *5741
wild 75364 *60537 *60615 *85282
See also Baby pigs; Boars; names of anatomical parts, diseases, parasites, and products; and under Anesthesia; Artificial insemination; Blood; Castration; Cesarian section; Embryos; Fetus; 4-H Clubs; Future Farmers of America; Obstetrics; Semen; Serum; Sex; Spaying.
Swine brooders 17279 44024 44036 53353
Swine erysipelas 16099 60455 60465 68336 *24294 *33755 *51247 *85262 *93253 *93259
antiserum *16100 *33735 *33745
Belgian Congo *5797
Canada 77120
Ceylon 24311
control *16107
diagnosis 60463 77121 *51979 *68335 *77119
ducks *93043
Germany *51959
immunization 68036 *5826 *24303 *33716 *33735 *33745 *33751 *51952 *51960 *51963 *51970 *51972 *60459 *68331 *68341 *68348 *93274
treatment *60449 *77130
turkeys 15816 23962 60180 93025
immunization 33324 68036
Union of South Africa 43085
vaccines 33722 68036 85283 *5809 *16084 *33737 *33743 *33755 *51970 *51972 *68331 *68348 *84279 *93274
Swine fever. See Hog cholera.
Swine Field Day 24328
Swine influenza 85233 85253 93260 *5811 *77109 *85273
virus 5842
Swine pest. See Hog cholera.
Swine pox *77122 *85272
Swineherd's disease. See Leptospirosis, man.
Swine's milk *43082
analysis and composition 24232 85202 85294
fat 77127 *52005
substitutes 43036 43054
synthetic 33702 60411 60412 60414 60430 60431 60433 60442 68315 77068 77072 85213 85227 93221 93222

Item

Swingle W T 47044 80764 *64019 *72188
Swintonia *89297
Switzerland Département Fédéral de l'Économie Publique *63780
Switzerland Eidgenössische Agrikulturchemische Anstalt *19602 *19603
Switzerland Eidgenössische Institut für Schnee- und Lawinenforschung *3495
Switzerland Eidgenössische Land- und Milchwirtschaftliche Versuchsanstalt *11324 *19712 *19724 *19725 *34041
Switzerland Eidgenössische Milchwirtschaftliche und Bakteriologische Anstalt *8245 *18020 *26192 *43333
Switzerland Eidgenössische Versuchsanstalt für Obst-Wein- und Gartenbau *57717
Switzerland Station Fédérale d'Essais et de Contrôle de Semences *48244
Swollen shoot
cacao 34477 34481 38805 38810 38821 43658 56603 72822 81332 *563 *6004
Syagrius fulvitarsis 68643
Syagrus *77767
Sybra 68644
Sybrinus *6420
Sybroides n g 68644
Sycamore. See Platanus.
Sycoryctes *6736
Sydney University Veterinary School 15142
Sydvästra Skånes Seminförening *4368
Sylepta derogata 6797
Sylepta ruralis *34609
Symbiosis 943 969 999 13793 20333 52649 *980 *20321 *29367 *30796 *47922 *64282 *64829 *72995 *89938
bacteria *73284
insects 24759 68897 77955 93316 *24959 *68369 *77968 *93306 *93309 *93325 *93345 *93348 *93944 *94160 *94162
and fungi 81529 *60890
and Protozoa *25129
plants 49472 *56932 *64848
Symmoca signella *16965
Sympetrum danae 52883
Sympetrum fonscolombii 52884
Sympetrum striolatum 25120 61318
Symphochora n g 77732
Symphoremaceae 148 47259
Symphoromyia atripes 24854
Symphyla 6376
Symphylurinus *43923
Symphyta *16917 *85930
Finland 25014 *52716
Gt Brit 43133 78013
habits and behavior *34504
Symplegadella n g 52628
Symploce *61274
Symplocos 56245
Symplocos lucida *59121
Symplocos paniculata 56273 90874
Symposium on Farm Fish Ponds 86117
Symposium on Insecticides Used in Mosquito Control 34424
Symposium on Marginal Lands 75083
Symposium on The Development of Resistance of Insects to Insecticides 6006

Item

Symposium on Tropical Woods as a Source of Pulp 59083
Synallecula *68688 *77766
Synanthedon pictipes 17081
Synchytrium 11587 38531 81098
Synchytrium endobioticum 11811 11815 47493 *477 *11786 *72758
Syndactylism 23097
Syndicat Belge des Cultivateurs de Dahlias *65793
Syndicat Général de l'Industrie Cotonière Française *36053
Synedra montana *11574
Synergism. See under specific subjects.
Synergus 34539
Syngamin 12387
Syngamus *23043
Syngamus trachea 23985
Syngonium *89332
Synnematium 28695
Synodontella *47315
Synophromorpha 78053
Synoria *16939
Synovial fluid *76664
Synthetocaulus rufescens *60364
Syntomaspis druparum. See Callimome druparum.
Syntomis phegea *78173
Syntormon 16695
Syntrichia *200
Syringa 40047 57696 57726 74116
anatomy and physiology 29111
culture 40144
diseases 20079
U S S R *57803
varieties 57789
Syringa persica 2125
Syringa vulgaris 57632 82361
anatomy and physiology *89919
culture 1929 *90828
diseases *424 *12014
varieties
U S S R *82389
Syringes 32416 *15157 *22931
Syringopais temperatella 43827
Syrphidae 43512 *16709
as pests 85360
collections 85749
Gt Brit 93854
larvae 43561 *77899
parasites *77899
taxonomy 93854
Tropics *43507
Syrphus malinellus 85718
Syrrhopodon 56291
Sysphincta *78011
Systates 6466
Systole *61115
Systox 34463 72904 78290 *16519 *24416 *93548
Syzygium aromaticum 339 56616
SZHK. See Pregnant mare's serum.

Tabanidae 6510 6539 16682 77813 77883
Argentina *24813
Belgium *16712
bites 34328
Oregon 77891
Trinidad 85715
U S S R *24863
Tabanus 16682
Tabanus quinquevittatus 52531
Tabanus sudeticus *77823
Tabanus sulcifrons 52531
Tabebuia 83680 92159

*Text of this reference is not in English.

Item

Tabebuia argentea *89298
Tabellaria 81069
Tables 14660 38251
Tachinidae *77831 *77855
Tachininae *16717 *52557 *85756
Tachycines asynamorus 6862 *43879
Tachypterellus quadrigibbus 34228
Tachysphex *6713 *52690
Tachysterol *59853
Tachytes *6713
Tacinga *30165
Tadzhikskafa Gosudarstvennafa Selektsionnafa Stantsiia *57003
Taenia *33730 *51994 *67642
Taenia saginata 84324 *15425
Taenia solium *51980
Taeniocampa gothica *25039
Taeniorhynchus karandalaensis *52608
Taeniorhynchus (Mansonioides) 93920
Taeniothrips laricivorus *61320 *69040
Taeniothrips simplex 17172 17181
Taftania n g *16939
Tagapetus. See Agapetus (Tagapetus).
Tagetes 2028 65717
Tagetes erecta 12128
Tagoropsis genoviefae *6816
Tails 59828 76955 *4992 *5600 *42478
Taiwania 89879
Take-all wheat 318 11730 11732
Talc *49427
Talis pedionoma 78127
Talisia *72372
Tall fescue. See Festuca elatior.
Tall oil 22679 22684 41586 41614 83634 92117
bibliographies 92115 *83637 *92116
Finland 22685 50579
processing *59089
Tallow 36727 54598 *54607
Tamarind. See Tamarindus.
Tamarindus 40360 *70618
Tamarindus indica 18076 38787 90090
Tamarix *21711 *89345
Tamaromyia n g *85756
Tanalith 6407
Tanbark 91544
Tanganyika Coffee Growers' Association 74396
Tanganyika Coffee Research and Experimental Station Lyamungu Moshi 91118
Tanganyika Dept of Agriculture 28281
Tanganyika Dept of Veterinary Science and Animal Husbandry 59384
Tanganyika Forest Dept 14396 31454
Tanganyika Government Chemist 35235
Tanganyika Sisal Marketing Association 18158
Tangerines. See Mandarin oranges.
Tanghinia venenifera *94519
Tanita dispar 6840
Tank trucks. See Trucks, tank.
Tankage 16054 *94894
Tanks 7040 22596 25264 26123 34927 45073 53374 53889 53892 70057 78694 86289 86505 *7779 *25276 *62111 *78385 *94661

Item

Tannic acid *41842
Tanning 9227 9333 9340 9358 9362 9366 18583 18601 36637 36663 36665 36674 45650 45724 45733 54662 62818 62858 62861 62882 70811 70871 70874 70875 70877 70879 70884 70886 70888 79699 79740 79747 79750 79758 79760 79761 87788 87789 87790 87796 87797 95304 95306 *9345 *9346 *9348 *9351 *9371 *18531 *18580 *18582 *18586 *18587 *18590 *18596 *18599 *18600 *26897 *45709 *45721 *54667 *54671 *54679 *62883 *62884 *70889 *79735 *79737 *79742 *79762 *87787 *87793 *87795 *87802 *87805 *87809
Argentina *18585
conferences and congresses 36673 *26901
costs 9370
enzymes *9337
equipment 54676
Gt Brit 54670 70883
history *79736 *95223
India 79743 95312
industry 18597 *36675
materials 9340 9359 18581 18583 32113 36637 36674 45733 54662 62861 70875 79740 83635 87788 87789 *3750 *3753 *14823 *41583 *50582 *58000 *75648 *79686 *79752 *83641 *87795 *88038
India 87804
plant sources 13672 83638 83639 91109 92121 92123 *13664 *92114 *92118 *92119 *92124
Spain *70848
research 18591
statistical methods 26898
waste 2774 9251 82699 *8523
See also Tanbark; Tannins.
Tannins *29030 *32120
analysis and composition 27223 32117 83640 83643 *14948 *86763
chemistry 14951 50580
determination 69848 *35473
extraction 59091
in cacao *7808
in fruit *69773
in hops *17765 *53658
in plants 13704 40983 59204 75645 75646 75649 *11899
Turkey *22680
in tea *20447 *20455 *25782 *25783 *25798 *25816 *25817 *25868 *25785 *25887 *53693
sources *3749 *3753 *13698 *14947 *14953 *22681 *22686 *50586 *54948 *54953 *75137 *83632
therapeutic use 93118
Tanycoryphus *6739
Tanymecus 6466
Tanymecus palliatus *52439 *77708
Tapeinosperma 56245
Tapeworms 42378 84882 85565 93016 *32908
Taphoxenus *85648
Taphrina deformans 56501 81272 *451 *38762 *89617 *89651
Taphropeltus *68868
Tapinoma sessile 16253
Tapinopa 16491
Tapioca. See Cassava.

Item

Tapura 72413
Tar *75160
Tar oil *22569
Taragama repanda *6782 *16986
Taraxacum *28610 *30646 *74311 *82581
Taraxacum kok-saghyz. See Kok-saghyz.
Taraxacum officinale *56717 *73292
Tarentula *68622
Tariff 72036 72047 72077 *10962 *72032 *80602 *88956 *88968
Australia 38020
Colombia *38053
France *10943
French West Africa *38019
Germany *11006 *28136 *46935 *63836 *72045 *77284
Italy *10961
legislation 80636
Netherlands *10991
Nicaragua *19495
Pakistan 10971
Tarleton State College 95980
Tarnished plant bug. See Lygus oblineatus.
Taro 63945 72107
Tarpaulins 17495
Tarsonemus pallidus 24696 43381 *52379 *77618
Tartar *69769
Tartaric acid *25859 *70524 *78915 *87502 *87503 *87522 *95132
in wine *69834
Tartary buckwheat. See Fagopyrum tataricum.
Tartrates 25836 *35450
Tartuskii Botanicheskii Sad *28469
Tasiocera 68719
Tasmania Dept of Agriculture 19713
Tasmania Forestry Commission 31455
Tasmanocoris n g 77971
Tathorhyncus exsiccata 68927 68967
Tattooing. See subhead identification under names of animals.
Tau-saghyz *20335 *81658
Taurocholic sodium salt *81618
Taxation 9886 18915 37726 46161 71287 80075 80078
Australia 9875 71274
Austria *9892 *18920 *18926 *55071 *63296 *80072 *88791
Canada *55060
capital gains 18914 27330 27331 27333—27335 27341 27345 27346 37162 37170 46154 46156 55075 71281 71287
Chile *18925
Cuba *71282
Denmark *9880 *27328 *95651
Ecuador *63292
excise *9893
France *18922 *46147 *55063 *63286 *71296
French Colonies *88246
Germany *27344 *31466 *37173 *80080 *95653
incidence 27336
Germany *70732 *71275 *71284 *71285 *80073 *80074 *80076
income 9881 18910 18912 18913 27323 27326 27327 27329 27332 27339 27340 27342 27345 27347 27348

Item

Taxation--Cont.
income--cont.
37153 37155 37159 37161 37164—37166 37169 37177 41089 46152 46153 46155 46156 46157 46160 46164 46167 46168 46173 46174 55059 55064 55067 55068 55072 55073 63285 71304 71306 80077 80079 88245 88247 88254 95649 95657
Algeria *71280
Australia 46146 88243 95646
Austria *18927 *71283 *71303
Denmark *46163
France *27324 *46148 *46149 *46166 *55076 *71286
Germany *3253 *37158 *50153 *50154 *63289 *66834 *66838 *71288 *71289 *88244 *88251 *88253
Gt Brit 9876 55074
Hawaii 46170
India 63287
Italy *9879 *18918 *27325 *37157 *37176 *55062 *55079 *71308 *95647
New York 55066
Union of South Africa 9890
India 46165
Indiana 95656
inheritance 55065 63297 71681 *88258
Italy *9894 *37163 *63430 *71294 *80069
Japan *9778
legislation
France *88226
Germany *19356
Michigan 55061
Netherlands *9891 *18923 *37172 *37174 *46172 *55080 *63293 *63294 *63295 *71299 *71300 *71301 *80081—*80083 *88261—*88265 *95652
New York 88266
North Africa *82270 *88256
Norway *9888
Peru *88250
sales 9881 *88259
Austria *71283 *95655
Germany *63283
Spain *18911 *46171
Sweden *9893 *46169
Union of South Africa *71305
West Virginia 55069
Wisconsin 71307
See also Assessment; and under specific subjects.
Taxilejeunea *89403
Taxodiaceae 28567 *81409
Taxodium 13257 89778 90015
Taxodium ascendens *22200
Taxodium distichum 14622 22349 32143 39239
Taxonomy 38409
See also under specific subjects.
Taxus 2143 21034 50184
Taxus baccata 41581 *48176
Taylor Grazing Act 12724
Tayloria 56293
TCA. See Trichloroacetic acid.
Tchahbaharia n g *16939
Tcholmanvissia *6887
TDE. See DDD.
Tea 7837
advertising 53670 61931 94683
analysis and composition 7814 *25817 *53693
anatomy and physiology *795 *12268 *20369

*Text of this reference is not in English.

Tea--Cont. Item
biochemistry *20447 *20454 *20455 *25782 *25785 *25797 *25807 *25816 *25843 *25887 *29447
Ceylon 2427 40377 49339 83071 91104
chemistry 40983 69851 *25867 *86763
conferences and congresses 2463 53619 *25781
consumption 17782 17784 25846 94682
containers *53499
contamination 44696
culture 7766 82615 82618 *2482
Assam 13690
Ceylon 91325
India 66045 74405 82646
Indonesia *91322
Nyasaland 44687
U S S R *12268 *30648 *40342 *66064
diseases 28926 72784 *64505 *81250
Ceylon 11675 28905 81229
control 20012 28926 81254
India 38692
Malaya 28949
enzymes *25784 *25843 *25869
equipment 43990
fermentation 35563 69851 *25784 *25854
germination *20447
harvesting 40339 *86280
Indonesia *85833 *86280
India 53650
industry 17810 61932
Ceylon 7709 94638
Colombia *25878
India 44659
Indonesia 7824
Mozambique *78919
Pakistan 94636
irrigation *40821
Japan 86805
labor *80114 *80118
marketing 17757 94643 94645
Mauretania *17766
Nyasaland 13589 13688 13689
packing 17754
planting 40352
processing 7766 7813 17754 17809 86743 *2482 *44654
equipment 61978
U S S R *25783 *25797 *25867-*25869
pruning 82625
public relations 7782 25800 61993 78870 86722
quality 40339 86800 *25797 *25798 *25816
India 94655
research 35500
seeds 72657
situation and outlook 94646
India 7748 44650 53613 86740
Nyasaland 44687
Western States 94684
soils 30976 40713 66363 *64505
Ceylon 2742
Indonesia *49782
Nyasaland 40576
spraying and dusting 47538 72696 81159 81248 *81254
statistics 35472
varieties *40365
vitamins *28220

Tea--Cont. Item
weed control 13589 40303 82578 *40311
wild 82651 91136
Tea Council 61931
Teachers 37768
Costa Rica *71900
Cuba *19391
education and training 4070 10615 10723 10779 27944 37769
Italy *37904
Teat fistula *51182
Teats
cattle 15417 59668 *4311 *59679
anatomy and physiology *4613 *4704 *59475
injuries *67627
salves *4770 *51316
surgery 59663 *67627
goats 51844
swine *68294 *85240
Technical Advisory Committee 44655
Technical Assistance Program (United Nations) *18846 *37062 *88148 *88160
Technical Assistance Program (U S). See Point IV Program.
Technicians *88420
Italy *71865 *71891
Spain *95996
U S S R *37833 *55349 *71852 *71927 *88490
Technische Tarwe Commissie *39318
Technology 6997 *10187
Tectona 83572
Tectona grandis 3400 3426 3483 30939 33192
Java 83316
Teeth
cats 59867
cattle *51158
chinchillas 67863
dogs 15609 92764 *51394 *59864
horses 23658 84667 84711 *51485 *92830
livestock *22996
rabbits *24103
swine *33741
See also Dental programs; Human nutrition, and teeth.
Tegenaria agrestis 16488
TEGO *32748 *44968
Tegostoma *16939
Tegucigalpa Escuela Agrícola Panamericana *19377
Teichosporella *72490
Telfar R *84734
Teijsmanniodendron 19825 47260
Telangiectasis 84239
Telea polyphemus 34631 78196 85988
Telegeusis 85610
Telenomus alecto 25044
Telenomus laeviusculus *43733
Telenomus verticillatus *61135
Teleonemia australis 43678
Telephones 7406 7407 11315 25570 53365 53366
credit 7408 86502
directories 25567
lines 61684 69503 86500 94492
policies and programs 7405 44368 61687 86501 94493
rates 35190
situation and outlook 25566
statistics 25568 25569
Western States 61686
See also Radiotelephones.

Telephoridae. See Cantharidae. Item
Telephorus pulchellus 52120 93780
Teleutomyrmex schneideri *78047
Television 10627 10683 10698 17526 17617 17620 18473 19378 28028 37883 79389 80491 88223 94556 96015
advertising 70559
and entomology 93406
in agriculture 55734
Telimena foreaui *64305
Tellermanovskoe Opytnoe Lesnichestvo *66208 *67009
Tellima grandiflora *64631
Telmatoscopus *24858 *85771
Telomantis *52847
Temnaspidiotus 43653
Temnaspis 93747
Temnorhinus *16641
Temperature
effects on arachnids 85565 *43406
effects on bees *34156
effects on cattle 15415 15510 15533 32798 41977 42225 42233 51306 76021 76066 76430 92499 92586 92706 *15295
effects on chick embryos 33336
effects on corn 62301
effects on coypus *67867
effects on cream 44800
effects on dairy products *62183 *79026
effects on dogs 15572
effects on eggs 9537 9560 15928 27048 79882 *60256
effects on feed 8393
effects on fibers *8540 *94943
effects on flowers 26509
effects on food 7609
effects on fruit 18337 26509 39739 54299 *29330 *64777
effects on grain *29638 *48137 *56958 *73072 *81850
effects on guinea pigs 33106
effects on herbicides 21340
effects on insecticides 78238 *16723 *24378 *43417 *43644 *68709
effects on insects 6636 6811 16696 16756 24344 25024 34342 34391 34501 61003 61019 61196 61261 61262 69004 85565 *6888 *17135 *24712 *43439 *52028 *52335 *52865 *60686 *69022 *78059 *85689 *93695
effects on lettuce 29321
effects on livestock 23006 *50660
effects on meat 9347 *70870
effects on microorganisms *68234
effects on milk 8230 11103 17899 26148 53763 *25973 *44981 *53797
effects on nematodes 605
effects on oils 79803
effects on parasites 24179
effects on plant disease 12502 38818 39134 72834 89610 89627 89628 89664 89721 *56469 *89694
effects on plants 824 842 1949 12328 12447 12462 12463 20292 20301 29092 29233 29235 29253 29305 29320 29366 29446 29488 29875 39148 39198 47761 47891 47930 47935 47955 48066 48100 48731 49114

Temperature--Cont. Item
effects on plants--cont. 56769 64761 64817 65347 72919 73106 73110 73123 73180 73570 74367 81376 81540 81585 81598 81659 81705 89936 *852 *884 *892 *942 *985 *11864 *12333 *12352 *12446 *12481 *12482 *12484 *12511 *29223 *29241 *29355 *29376 *29448 *29467 *29949 *39023 *47831 *48012 *48017 *48124 *56855 *56875 *56893 *57095 *64754 *64827 *64833 *64843 *65753 *72339 *73127 *73206 *81713 *81749 *81814 *82218 *90029 *90044
effects on potatoes 18258 30444
effects on poultry 5400 5484 15838 42592 51697 68094 68111 76703 76860 76873 76888 84924 86409 *35085 *42832
effects on rabbits 15957 68187 76947
effects on seeds 39105 *39150
effects on semen 33123 51029 59503 *32211 *67519 *92447
effects on sheep 93145
effects on soils 82686 *21501 *74466 *91236
effects on sugar *27111
effects on sweetpotatoes 18264
effects on swine 16092 51982 85266 *93290
effects on turkeys 24050 33143
effects on vegetables 26509 26541
effects on wine 94688 *69837
effects on wood 22741 41416 59026
See also Cold; Frost; Heat; and under specific subjects.
1080 (insecticide). See Sodium fluoroacetate.
1068 (insecticide). See Chlordane.
Ten-year plan
Italy *55032 *71478
Ruanda-Urundi *95715
Tenancy. See Farms and farming, tenancy; Land, tenure; Share farming.
Tenant-right valuation 88646 *71680
Tenderometer 79447
Tendipedidae 34336 *60904 *60997 *77844 *85739
Connecticut 52519
Gt Brit 34329 93860
Mediterranean Area *52554
Tendipedinae 24876
Tendipes 6520 6529 60899 *93898
Tendons 84658 *75841 *76632
Tenebrio molitor 6460 24739 43450 68661 *94212
Tenebrionidae 6423 *16583 *52454 *60806 *68664
parasites *43478
South Africa 77732
Teneropsis *43467
Teniulus n g 16480
Tennessee Agricultural Experiment Station 32785
reports 80844
Tennessee State Horticultural Society 39696
Tennessee University Dept of Agricultural Economics and Rural Sociology publications 46082

*Text of this reference is not in English.

Item

Tennessee Valley Agricultural Correlating Committee 19301 71783
Tensiometers 49919 91396
Tent caterpillars. See Malacosoma.
Tenthecoris figuelredoi *61056
Tenthredinidae *6713
Tenthredinoidea *52722
Tents 61505
Tenuipalpus 93717 *24688
Tenuiproboscis sergenti *84504
Teosinte. See Euchlaena mexicana.
Tephritidae 24878 43535
Tephrocactus hosseli *80994
Tephronia cremiaria *78113
Tephrosia *93537
Tephrosia lanceolata 85458
TEPP. See Tetraethyl pyrophosphate.
Teratology. See subhead abnormalities under specific subjects.
Teredo *67086 *83552
Terit *50924
Terminal markets. See Markets and marketing, terminal.
Terminalia 12167 22733 26932 56245
Termites 17180 25004 25124 34709 43924 52892 69036 78289 *17156 *40511 *52900 *52906
anatomy and physiology *94160 *94162
control 6919 17158 25124 34530 34712 34717 43928 43937 52891 52902 58979 61311 69033 69053 78283 78286 78287 85915 *34718 *58986 *92019
biological 94186
Germany *34713
tests 52897
Union of South Africa 6901 52874 *6902
East Africa 34706
habits and behavior 17173 78277 86090 *78269 *94185
symbionts *25129
Union of South Africa *43902
utilization *16918
Termitometopia n g 85792
Termitophilous insects *85315
Terpenes 62960 90176 *36731
Terracing 14185 31205 58502 83055 91479 *40865 *40886 *49958 *49959 *83125
costs 3099
equipment 74901 *25282
Italy *3045 *74867
Japan 91487
Missouri 2893
New Zealand 21977
Oklahoma 3031
Texas 74860
U S S R *91484 *91490
Wisconsin 3012
Terralac 43054
Terramycin 24759 74483 *4137
effects on bacteria 67375 67808 93033
effects on minks 59888 84574
effects on poultry 23868 51583 76837
effects on semen 76132
effects on swine 24257 85207
therapeutic use 84532
cattle 15435 32704
dogs 4856 4897 42385 51398 67808

Item

Terramycin--Cont.
therapeutic use--cont.
poultry 68081
turkeys 5316
Terrariums. See Gardens and gardening, miniature.
Terrebonne clay loam 66235
6-tertiary-butyl-m-cresol 84530
Teschen disease *24313 *33726 *51961 *68327 *85264
Austria *36622
diagnosis *85271
Poland *24310
virus 5806 *51985
Tesslinia n g *52722
Testatex method *13678
Testes 92294
cattle 4415 23106 *92609
dogs 42360
mules *23663
poultry 5361 93041 *23936 *84755
rabbits *42860
sheep 5684 *33536
swine *43076 *93266
Testosterone 16110 76841 93041 *23936
Testosterone propionate 5310 60110 93041
Testulea gabanensis *92146
Tetanocera 43544
Tetanus 59355 *32390 *59335 *67358 *83843 *83957
antitoxin 32358
buffaloes 15391
cattle 42203
dogs 76519
horses *15680 *23613 *33039 *33040 *33063 *59953 *67914
sheep *33063
toxin *75960
Tetany 42149 84292 *4186 *32413
Tetartostylus n g *68869
Tetatoxoid *33063
Tethina 34354
Tethinidae 34354
Tetra 52388 77628
Tetrabromide 79832
Tetrachloronitrobenzene 62497 70546
2,3,5,6-Tetrachloronitrobenzene 90932
Tetrachloro-para-benzoquinone. See Spergon.
Tetrachlorophthalic anhydride resins 70955
Tetracladium maxilliformis 72481
Tetraethylpyrophosphate 56835 77304 *6035 *16308 *68411
Tetragonoderus *85648
Tetrahydropyrimidine 28929
Tetralicia ericae *77973
Tetralonia 52725
Tetramethyl-di-amino-di-phenylmethane 12539
Tetramethylthiuram disulfide. See Thiram.
Tetranychidae *68858 *68859 *77617 *77640 *85601
Tetranychus 24684 68620 68629 77648 *52389
California 77635
control 16509 52386 68611 77620 *60757
Australia 16499
Greece *24695 *24702
Netherlands *16489
insecticide resistance 93722
Tetranychus althaeae *16501 *16519 *24709 *60767

Item

Tetranychus bimaculatus 33952 52354 52382 60835 68616
control 6391 34167 52375 77280 77632
nutrition 6386 34201 43401
parasites 60765
Tetranychus bimaculatus complex 68614
Tetranychus frosti 77633
Tetranychus multisetis 68614
Tetranychus sexmaculatus 34196
Tetranychus telarius 93706 *93704
Tetranychus urticae 34192 *77612
Tetraplasandra 89362
Tetraploidy. See Polyploidy.
Tetrasporium n g 28685
Tetrastichodes *6736
Tetrastichus 94010 *6736
Tetrazolium 39303 45943 73261 *73091 *73190 *73430 *82511 *90019
Tetrazolium process *45946
Tetrazolium salts *2216 *36879
Tetrigidae *34648
Tetropium fuscum *85702
Tettigonia 6850
Tettigoniidae 52863 86035
Teucholabis 52497
Teucrium cravense *56477 *72633
Tevales 43476
Texananus 85835
Texas Agricultural and Mechanical College 5227 10791 37863 53009 55430
Agricultural Extension Serv report 10813
School of Veterinary Medicine 75944
Texas Agricultural Experiment Station 32777
Beeville Substation 76464 92702
Gonzales Substation 51591
publications 63998
reports 38321
Sonora Substation 83784
Spur Substation 23231
Texas Agricultural Workers' Association 88428 88852
Texas Engineering Experiment Station 45784
Texas Farm Electrification Committee 35163
Texas Hereford Association 51063
Texas needlegrass. See Stipa leucotricha.
Texas Pecan Growers Association 48898
Texas Poultry Improvement Association 36832
Texas Predatory Animal Control Association 15235
Texas Research Foundation 30851 80833
Texas State Dept of Agriculture 38190
Texas Technological College Pantech Farms 59592
Textile Institute 62432 87293 95001
Textile Research Institute 36056
Textiles 11283 36685 70491 79290 87296
analysis and composition 87197 *45221 *70353 *70361
bleaching *45221 *94976
chemistry *8429 *87300
conferences and congresses 8419 8580 45134 70385

Item

Textiles--Cont.
conferences and congresses --cont.
87293 95001 *8462 *26340
Canada 70369
France *70375
consumer preferences 18167 26429 45247 87245
deterioration 36046
directories 8452 70402
France *26314
Gt Brit 8455 26349 62432
Ireland 94930
Northern Ireland 94930
El Salvador *79251
equipment *8482 *50601 *67141
fireproofing 8515 62354 75506 *70450
history 70422 94924
industry 8562 37063 94951 94963 *8482 *18060
Belgium 45146 *8446 *8518
Canada 54145
Europe *54119
Finland *18157
France *26314 *26408 *35943 *36014 *62420
Germany 8573
India *62421
Israel 70431
Italy *8438 *18072
Japan 26320 *18155 *36069
Latin America *35971
Morocco *70459
Pakistan 26376
Spain *70348
Sweden *18161 *79317
Union of South Africa 79254 *54153
U S S R *36003 *36075 *79312
insectproofing 6820 52062 94119 *68445
manufacture 95012 *18099 *54065
moisture *70392
mold and mildewproofing 26325 56057 94972 *68445
Netherlands *8534
pests 68436 77204 79230
properties 26407 *8437
quality 26416
research 18160 26343 35979 35980 36021 36056 36081 36084 45172 45241 54104 62374 62430 *8424 *18105 *45223 *70397 *70494 *95015
Belgium *36015
conferences and congresses *8449 *8596
Gt Brit *18105
Netherlands *26401
Sweden *35981
rotproofing 70373
situation and outlook 8453 54088 62394 87177 87243
Belgian Congo *18118 *26389
Belgium *87220
Canada 62376
France *26309
Israel 26353
Italy *79253
Switzerland *79245
Union of South Africa *54105
study and teaching 8506 45213 *8473 *71912
tests 52062 *26401 *36070
trade *55852 *55869 *72039
utilization 45188
waterproofing 8564 *36070 *87277
Textilradet *79317

*Text of this reference is not in English.

Item

Thaer A *72183 *80761
Thaer A D *72201 *73353 *80748 *80772 *80774 *89118
Thais rumina medesicaste *17042
Thalera *17002
Thalera fimbrialis 43767
Thalestris n g 89352
Thaliabaris 43461
Thalictrum foliolosum 90147
Thallarcha 78167
Thallophyta 81665
Thallumetus 77602
Thamnium tumidicaule 89418
Thamnosphecia pyri 52830 52846
Thaneroclerus buquet 16560
Thatching 17492
Thaumaglossa 85611
Thaumastoptera 6505
Thaumatodryinus 94028
Thaumetopoea *68957
Thaumetopoea pityocampa *52833 *85933 *85951
Thaumetopoea processionea *94141
Theaceae 38451 56223
Theatops 52351
Theft. See under specific subjects.
Theileria 59304
Theileria annulata 23295 *23358
Theileriasis 59304
cattle 23295 84381 *23321 *23358 *84277
Kenya 32346
Thelairosoma *85756
Thelazia rhodesi *4627 *24825
Thelephoraceae *29074
Thelidium fulloënse 89467
Thelychaeta *6556 *77881
Thelymitra 72386
Thelypteris reducta 28624
Themeda arundinacea 41507
Themedum 47222
Theobaldia 85820
Theobaldia indica 85820
Theobroma cacao. See Cacao.
Theobromine *94635
Thereva nobilitata *52507
Thériot I *96198
Thermistor 80908
Thermobia domestica 6921
Thermocouples *48052
Thermometers 12655 17309 *61557 *69158
Thermostats 55504
Therobates n g 6375
Therobatinae 6375
Thesaurismosis *67671 *84878
Theses 37443
Thesiastes 93746
Thesilea *16583
Thesium 93746
Thetford Chase Forest 58695
Thiaminase 48154
Thiamine
determination 79596 *17577 *45566
effects on fermentation *78828
effects on plants 29382 64803
in beef 11139
in bread *63934
in eggs *5366
in flour *63934
in food 38133 54345
in goat nutrition *24148
in grain 90083 *26741
in horse nutrition *51479 *84663
in human nutrition *11065
in meat 45715 47004 47010 55923

Thiamine--Cont. Item
in milk 19565 78998 87055 *44978 *72131 *89052 *94748
in nuts *96151
in oilseeds 71009
in pigeon nutrition *23821 *68011
in plants 13995 64759 73322 90178 *56833 *73293 *73294
in pork 28230
in poultry physiology *5366
in rice 9134 55944 *11123 *55941
in vegetables 8913 28212 63945 72107
in wheat 848 80685
therapeutic use 15681
Thiamine chloride hydrochloride 45532
Thiamine mononitrate 45532
Thiastyx n g *25083
Thielavia basicola 271
Thielaviopsis basicola 20050 38702 *38737 *56475 *64412
Thielaviopsis paradoxa 28924 *11762
A-Thienemannia fluvicola *16477
Thiesia n g *6736
Thinobius 43424
Thiobarbituric acid test 17873
Thiocyanacetic acid *59675
Thiocyanates 32922 35700
Thiodia 78164
Thiodiphenylamine. See Phenothiazine.
Thiolutin 72677
Thionine 59287
Thiopentone 4051
Thiophos 3422. See Parathion.
Thiophosphates *6677
Thiophosphoric acid trialkyl ester 68400
Thiosemicarbazones 73221
Thiouracil *42715
effects on cattle 23285 23287 59608 76136 76163 76266
effects on goats 23285 24154
effects on livestock *3918 *75744
effects on poultry 60153 60159 76833 *84811
effects on swine *51904
effects on turkeys 5260 23882 42624 42625 42626 76774
effects on viruses 47623
Thiourea 39141 56785 69574 *81658 *89970
Thiram *28908
Thisoicetrus pulcher 34670
Thistle. See Cirsium.
Tholurna dissimilis *89775
Thomas W A 19664
Thomasiniana theobaldi 60966
Thomasmeal *50789 *58256
Thomery method *18316
Thomisidae *24701
Thoracochaeta rudis *43563
Thoracophoracarus *34186
Thorax *67844 *76633
insects *52873 *68884 *78268
Thoreau 12107
Thornthwaite C W 19699
Thornton R J Temple of Flora 31
Thoroughbred Breeders' Association 33025
Thraululus 43910
Thraulus 43910
Three-cornered alfalfa hopper. See Stictocephala festina.

Item
Three day fever *42220
Three-Year Plan
Germany *54562
U S S R *26784 *35075 *36478 *36480 *36490 *36492 *36498 *36499 *36523 *36547 *37494 *45612 *45634 *45644 *54564 *54569 *54576 *62795 *62810 *70777 *70793 *79651 *79657 *87717 *87744
Threonine 47818 73343
Threonine deaminase 48181
Threshers 86303 *7149 *44091 *61484 *61489 *78503
Germany *78507
maintenance and repair *61468 *69254
operation *7107
study and teaching *7126
Turkey *61479 *69269
Union of South Africa 78373
U S S R *44118 *61470 *61474
Threshing *8950 *25349 *36404
cooperatives *46135
equipment 86287 86290 *7098 *17377 *25360 *34934 *69267 *78683 *86269
Finland *94363
Germany *69228
U S S R *34924 *34930 *35169 *44124
Germany *53117 *64964 *69275 *69280 *69282 *81866
history 86301
U S S R *1256 *25364 *27360
Wisconsin 86287
See also Combines; Threshers; and under specific subjects.
Thriocera *85673
Thrips 17141 17163 38717 *25135 *69041
and plant disease *589
beans 78290
control 68476
cotton 78290
Hawaii 34708
Thrips angusticeps *6923
Thrips lini *68441
Thrips phytolaccae *25138
Thrips tabaci 34714 34724 61308 64567 69049 *52896 *69042
Thripsaphis 77963
Thrombotonin 85025
Thuja 14448 *3316
Thuja gigantea *75140
Thuja occidentalis 58822
Thuja plicata
wood 22499 22608 31852 67161 67200
properties 19752
utilization 75526
Thujopsis dolabrata *39176 *48057 *49516 *50280 *50321
Thünen J H von *2811
Thunia marshalliana 20311
Thurberia weevil. See Anthonomus grandis thurberiae.
Thyanta 77981
Thyanta custator 93978
Thyestilla 93778
Thylactus 93778
Thyme. See Thymus.
Thymus 13682
Thymus carnosulus *81382
Thymus gland 51654 84922 *76386
Thynnidae 34523
Thyreocephalus albertisi 60854
Thyreopterinus *52401

Item
Thyridopteryx ephemeraeformis 43792
Thyroid 83898
dogs 15600
hamsters 23706 33101
poultry 33249 33294 42643 83898 84776 *42715
rabbits 15954 15957
Thyronectria 72474
Thyroprotein
effects on cattle 4709 15388 59608 76334 84177 *4721 *42141 *76158 *84258
effects on poultry 33234
effects on swine 60478 84177
Thyrospora chisha *28918
Thyrostroma 72477
Thyroxine 78217
determination *79371
effects on cattle 23197 23285 23287 59580 76163 76266
effects on goats 23285 24154
effects on poultry 15846 23735 33255 33356 76778 76833
effects on swine *85258
Thysanarthria 43412
Thysanolaena maxima 15345
Thysanoptera 25137 34719 78291 *94206
collecting and preserving *34704
Europe *69041
evolution 34720
Germany *69043
Ireland 34716
New Caledonia 61287
Sahara 52872
Turkey *25138
Thysanosoma actinioides 85093
Thysanura. 17168 34725 78297
Thysbina *77767
Tibbs T 64025
Tibellus 77631
Tibiozus n g *52345
Tick fever 76360 92652 *4646 *4718 *51224 *67696
Australia 22968
Tick paralysis 16496 23298 52353 85575 93711
Ticks
abnormalities *60787
anatomy and physiology 60783 *6381
and disease 16496 23295 34163 52353 60788 68593 77642 83891 85586 85596 93711 93714 *6381 *67379 *83974 *85571 *85592 *93694
Cuba *77604
Florida 77591
Korea 33906
as pests 52342
breeding places *34197
buffaloes 85575
cattle *77613 *85583
control 6354 *6339 *16493 *24681
control 6394 34182 85542 85546 *6379 *24395 *77626
eggs *43404
goats 6013
insecticide resistance 60796
Italy *6351
larvae *60793
livestock 6356 85591 93434
sheep 6013 24690 60749
South Africa 85595
Tunisia *24682
Virginia 85596

*Text of this reference is not in English.

Item

Tifton sandy loam 58201
Tilachlidium 28695
Tileboard 41599
Tiles *44309
Tilgate Horticultural Station 65295
Tilia 3305 *1895 *2415 *2491 *13661 *13700 *70434 *74362 *82599 *91111
pests *68930
planting *41219
seeds *58821
U S S R *30245 *41191
Tilia americana 57765
Tillage 2854 2862 2879 2883 14020 14031 17397 21818 31055 40406 40758 40766 40768 49328 49823 49824 58373 58375 58378 66460 66465 74677 74683 74685 82939 82943 91175 91364 *2856 *2858 *2876 *14025 *21820 *21825 *40433 *40491 *40755 *49814 *49818 *49821 *58374 *58381 *58386 *58389 *58392 *66303 *66452 *66534 *69192 *74678 *82928 *82933 *82935 *82936 *91362 *91365 *91366 *91378
Australia 74689
Austria *49841
Canada 21816
costs
Brazil *53039
Italy *21804
Cuba *66449
Denmark *2863 *91377
effects on crops 58377
effects on soils 58377 86235 *82937
equipment 7255 17293 17311 44041 44053 61419 61423 61424 69186 69187 69200 86145 86225 94298 *7054 *7067 *7208 *7222 *17296 *25285 *25287 *25298 *25304 *34849 *34855 *40770 *44044 *44055 *44058 *44060 *53027 *53040 *61433 *69189 *69195 *69197 *78410 *78424 *78425 *78430 *86221 *86230 *86232 *86233 *86234 *86236 *86238 *86239 *94293 *94295 *94296 *94300
Brazil *34844
effects on soils 66142
Germany *25296 *34839 *53022 *53025 *53030 *78411
Russian Zone *7068
Indonesia *17313
Italy *44042 *53035
maintenance and repair 53043
Norway *66964
seasonal *69191
shows *7057
tests *7075
U S S R *7066 *7077 *25297 *34834 *34840 *34856 *44049 *44054 *53042 *61428 *69190 *69194 *78428 *86231
fallowing 14018 21801 *21559 *21803 *21826
France *49839 *66468
Sweden *91370
U S S R *21822 *21827 *82944
Washington 30874
Western States 14038
France *49812 *82930
Germany *2860 *2865 *2868 *2875 *40767 *49810 *49811 *58385 *66471 *82938 *91367 *91375
Russian Zone *91372
Gt Brit 21806 74676 *2877

Item

Tillage--Cont.
Guatemala *40759
in weed control 2380 2390 13585 21358 30533 30587 82582 82585 91084 *30586 *82581
U S S R *91077
Indonesia *14035 *92877
Ireland 21808
Italy *2870 *2884 *31072 *40765 *49840 *66456 *66470
Japan *91239 *94300
labor
France *88271
Germany *71328
Mississippi 57166
Montana 14016
Morocco *74686
Netherlands *2524 *21830 *31060
Norway 49807 *49836 *49838
Philippines 2861
Puerto Rico 58383
seasonal 14034 31059 *82934
Austria *58388
Germany *2866 *21814 *21829 *49813 *49816 *49817 *49819 *49820 *49822 *49825 *49826 *49828 *49829 *49835 *49837 *53030 *53462 *58379 *66463 *91368
Russian Zone *66451 *66459
Netherlands *61425
Norway *66458
Sweden *58071
Spain *31054
stubble-mulch 2867 13797 21813 21817 29697 31062 49993 74688 *2348 *31056
Sweden *2853 *21828
U S S R *2873 *2880 *21802 *29504 *31698 *40754 *40756 *40757 *40760 *40762 *49808 *49834 *58372 *58391 *74687 *82941
See also Plowing; and kinds of equipment.
Tillandsia 40078
Tillandsia usneoides 39987 63198
Tillet M 81275
Tilletia 64306 72523
grain *11759 *47469 *64417
wheat *461 *19987 *56545 *72711
Tilletia caries 20071
Tilletia tritici *11837 *56469
Tillomimus n g 68644
Tillus *68688
Timber 14422 14442 80233
Africa *32169
bibliographies 31869
British colonies *59000
Canada
British Columbia 14414
cruising 22277 22279 50244 83355
aerial 22275 22286
Gt Brit 31603
Norway *66912
Pacific Northwest 22282
French West Africa *15010
Lake States 3270
marketing 14520 75042 83465 83475 83477
Canada 66817 66832 75088
France *14490 *50402
Government 66817 66832
legal aspects
Alabama 22175
Netherlands *41090 *83474
Norway *67025 *75216
Michigan 58619

Item

Timber--Cont.
prices
Austria *66896
Germany *22416
Japan *50396
Norway *75216
Texas 58627
See also Lumber; Mine timbers; Wood.
Timber Development Association 22428 50491 66828
Timber Marketing Act (Australia) 14413
Timber milk vetch. See Astragalus serotinus.
Timema 6882
Timiriazev K A *48227
Timiriazevskaia Sel'skokhoziaistvennaia Akademiia Lesnaia Opytnaia Dacha *41191
Timofeenko S P *31880
Timorimyia *68755
Timothy. See Phleum pratense.
Tin 7557 7565 7566 9615 36242 44531 79006
Tin compounds 23938 23939
Tinea eurinella *86020
Tinea granella. See Nemopogon granella.
Tineidae *85315
Tineoidea *17101
Tineola bisselliella 6811 34635 52784 52820 52842 61250
Tingidae 85882 *24923
Tingis 43681
Tingo María Peru Estación Experimental Agrícola *11334 *89174
Tingoidea 34435
Tinodes 17149
Tiodus n g 43680
Tip burn
avocados 90082
lettuce *56857
Tiphiidae *52706
Tipula 6505 16665 16666 43492 77811 *43523 *60944 *68759 *68771
Tipula lateralis 34389
Tipulidae 6505 16666 *34353 *52552 *77822
Andes Mountains 77811
Australasia 68719
Chile 52496
cytology *77816
South America 52497
Sweden *43498
Tires 35025 61549 78532 78563 79800 86355 86369 *17405 *44226 *44185 *69318 *78346 *86341 *86349 *86350
maintenance and repair *61497
manufacture 70360
tractors 53197 *17409 *17419 *44167 *78557
wagons *7191 *17403 *69346
Tischleria n g *81023
Tisserantodendron n g *64220
Tissue cultures 89610
animals 84862
insects 6848
plants 843 926 12184 12301 12323 12538 20094 20269 20285 20401 20408 29311 29427 39007 39019 39080 47951 47988 48016 56613 56780 56867 56905 56940 64736 72809 73115 81541 81613 81655 81704 81706 *815 *978 *1025 *12315 *12349 *12363 *12389 *12475 *29197 *29216 *29261 *29315 *29345 *29348 *39100 *56851 *64714 *64734 *64740 *81532

Item

Tissue therapy *4138 *32735
Tissues
animals 5340 15438 15695 16102 24304 33335 60130 68253 68508 70815 75833 76353 87752 92600 93021 95264 *15137 *41812 *42470 *60185 *92351
analysis and composition 4169 52180 *4059 *41870 *45649
cattle 42241 59547 *42128
dogs 68511
poultry 15776 42667 60117
sheep 42944 *33721
swine *33721 *68305
insects 86067 *34415
plants 814 993 12402 12536 29444 29452 39038 39184 39262 45312 47997 48164 56996 64104 73329 81541 81781 89809 *728 *955 *1044 *12257 *39230 *39248 *56731 *64725 *64733 *64735 *73282 *81763 *90014
analysis and composition 17567 52180 *7454 *41870
biochemistry *29467
Titania 6529
Titanio *16939
Titanium
in soils 40485
Titanochaeta 60996
Tityus costatus *6346
Tityus lutzi *6346
Tmesiphorus *16577
Tmethis pulchripennis asiaticus 86044
Tmetocera ocellana. See Spilonota ocellana.
Toads 60780 77232
Tobacco 39651 73699 79987 *27195 *79986
abnormalities 81459
acreage and area 63159 95563 *54926
analysis and composition 27191 36985 36992 37004 46042 63171 *9719 *27195 *36971 *36972 *37003 *46038 *46039 *71172
anatomy and physiology 12355 20257 29258 29428 48080 56940 64854 73216 89977 *910 *911 *12186 *20431 *29229 *29280 *29281 *29376 *29391 *29873 *47892 *47915 *48098 *64735 *73102 *73179 *73286 *73287 *81570 *81661 *89945 *90072 *90086
associations 27206 36989 79992 *88119
Austria *88116
bibliographies 82123
biochemistry 36984 48194 73337 81780 *1049 *1056 *1057 *12557 *12559 *27215 *29456 *48098 *73286 *81570 *81764 *89699 *90164
Brazil *35497
breeding 1538 29031 29867 73782 *20775 *39648 *48640 *48641 *48642 *48643 *48647 *72861 *73697
Austria *20776 *82118
Canada 1544
France *29869
Canada *9715
care and handling 27181 27209 63155
chemistry 9711 36973 36975 36983 36984 36987 *9695 *27196 *54932
conferences and congresses 9708 18823 36973 36998 37005 37010 63172 63186

*Text of this reference is not in English.

Tobacco--Cont. Item
conferences and congresses --cont.
*9714 *9717 *9720 *18816 *27184 *27206 *27212 *36981 *71168 *79996
Connecticut 95563
consumption 88126
*36974 *88116
contests 73704
cooperatives 18815 27283 54927
costs and returns 46437
*27737
credit 9814 27267 27283
Cuba *88112
culture 1536 2297 2806 3110 20777 20778 20782 29494 48646 57398 73698 73700 82120 *1539 *1540 *20780 *29870 *39652 *46046 *66085 *71172 *73703 *78660
Africa *90499
Argentina *65276
Australia 1535 57390 63169 65275
Austria 57391 *82118
Belgian Congo *65277 *82121
Canada 65278
Connecticut 90493
Florida 57392
France *27207 *73701
Gt Brit 1537 73696
Hungary *56874
India 82124
Italy *1534
Mozambique *65279
Netherlands 1542 *1543 *57401 *57402
North Carolina 39642 39643 57397
Philippines 65274
Puerto Rico 20771
South Carolina 48644
Southern Rhodesia 21773 39644 39645 39646 57394
Sumatra 12894
Switzerland *65280
Union of South Africa 39650
U S S R *39641
curing 9712 18813 27187 36975 36983 36985 36987 36992 53111 54922 63170 78493 88102 88104 88117 88120 90493 95565 95566 95567 *9705 *36980 *54934 *71169
cytology 20401 *12150
directories 9697 54921
diseases 542 544 567 11650 11936 11978 12025 19995 20008 20104 29032 38830 38841 38796 47463 47623 47626 47665 56543 56554 64488 64489 64544 64560 64569 64586 72566 72712 72735 72736 72836 72849 72851 72901 81236 89506 89642 *410 *415 *856 *12003 *20082 *28993 *29009 *29011 *29020 *38811 *47639 *64734 *89591 *89706 *89731
Brazil 64555
Canada 12030
control 11717 20007 47454 56567 64471 66671 81325 81355 89554 *38795 *47595 *72786
India 20028
Italy *89711
Kentucky 11980 56453 56514
North Carolina 81245
resistance 47632 56583 64351 64518 64535 72567

Tobacco--Cont. Item
diseases--cont.
resistance--cont.
72782 72811 *12033 *28985 *29002 *29019 *29031 *47587 *72861
South Carolina 28887
transmission 38846 64564
U S S R *38822
Virginia 81245
drying 63153 *9707 *27200 *37003
enzymes 48173 *94516
equipment 18966 46437 63153 *7061 *53049
Europe 88126
exhibits 37005 63186
farms
Kentucky 88573
Union of South Africa 46437
fermentation 36979 *9705 *27196 *27203 *27215 *36978 *36995 *36996 *54932 *54935 *54936 *94516 *95568
fertilizers 12896 17324 30901 48645 49579 49652 49684 49697 49719 58234 74587 74656 91320 *13996 *74597 *79983 *79996 *82857
Africa 91281
Connecticut 91347
Germany *49749
India 58280 83177
flavor and odor 27198 27208
France *36974
genetics 23148 56726 64660 *12150 *29140 *29155 *29866 *47842
U S S R *12033 *12214 *47843
Germany *54926
grading and standardization 9716 27210 63162 63174 63175 95572 *9715 *27213 *36976
Gt Brit 88126
harvesting 73695
history 63157 63182 88106 *9702 *54931 *79982
hybrids 64661 *20779 *47587
India 27199
industry 9713 18809 63177 79993 *9710 *88122
Australia 9699 27180
Austria *54928
Belgian Congo *36988
Belgium *18811
Brazil 88113
Canada 71177 88110 *55060
Ceylon 95560
Connecticut Valley 79994
Cuba *18812 *71175
Europe 27205
France *27207
French Africa *27202
Germany *36990 *46043
India 71173 88121
Italy *9696 *53396 *54918 *79981
Kentucky 63150 63151
Maryland 36982
Morocco *27192
Netherlands 9718 36997
New Zealand 54933
North Carolina 37063 71174 88103 88107 88118 88129 88130 88943 88958 88971 88982
Pakistan 54916
Philippines 71170
Puerto Rico 27183
Scandinavia *9698
South Carolina 46045 88123

Tobacco--Cont. Item
industry--cont.
Southern Rhodesia 79991 99575 *54917
Southern States 88109
Sweden 27205
Union of South Africa 63168 79989
Virginia 63840 88936
irrigation 91465 *2978
Italy *57399
Japan *90498
labor 18966 46437 *27737 *71323 *80088 *95674
Madagascar *46048
marketing 9701 18820 18821 36993 37000 37001 54939 54940 63181 71179 71180 *46046
Connecticut 54924
Egypt 88120
Germany *18819 *27194 *36991 *54930
Maryland 54938
Netherlands *18824 *27211
Sweden *71166
Switzerland *27189 *46040
Union of South Africa 63180
Virginia 18815
Wisconsin 79980
Mauritius 18818
moisture *27195
North Carolina 71174
packing 63174 *18822
periodicals
Germany *9703
Peru *71176 *79988
pests 6007 43671 93367 *34263 *34491 *77773 *85393 *85395 *85670
Algeria *25104
Austria *85395
control 3109 6423 11717 47454 52623 60567 68992 *24410 *34262 *52860
North Africa *52860
planting 39649 *48648
policies and programs
Italy *27186 *54919
Philippines 36994
Puerto Rico 27201
Switzerland *54937
pollen *48013
pollination *39647 *57396
prices 63159 88125 95571 *18814
processing 27188 54942 63179 *18825 *88115 *95570
properties *36972
proteins *27215
Puerto Rico *18814
quality 9709 40464 54929 56912 63170 63176 79992 88128 *82805
India 63175
Latin America 88111
Maryland 63158
North Carolina 63160
South Carolina 63167
Tennessee 88114
Union of South Africa *95574
Virginia 88972
research 12893 20778 38021 57395 73694 82122 *27204
seeds 29874 *29085 *56790 *57393
feed *3914
germination *39029
grading and standardization 54869 54870
India 27090 87878
situation and outlook 27185 27193 36977 46041 95561 95562

Tobacco--Cont. Item
situation and outlook--cont.
Asia 88127
Australia 9700 63169
Canada 71167 *54920
Cuba *71178
Germany *9704 *9706 *46044 *71171 *95564
Netherlands 37002 *46049
North Carolina 63154 63156 63161 63163 63164 63173 63178 63183 63184 63185
Puerto Rico 27190 27197 *27182
South Carolina 63167
Southern States 79985
Tennessee 63152
Turkey *18817
soils 40464 40905 48645 50004 72735 91502 *21757 *82805 *91503
Canada *13990
Florida 58536
Maryland 3115
Puerto Rico 21809
Spain *30839 *49446
Union of South Africa 12896
U S S R *58318
Yugoslavia *91335
South Carolina 46045 73704
Southern Rhodesia 73702 73705
statistics 18810 36999 46045 46047 54923 54939 54940 54941 63166 63181 71174 71179 71180 88124 88127 95573 *88108 *88112
storage 54927 63155 *27196 *54932 *85395
taxation
France *80071
Tennessee 55425
terminology 79995
trade 10953 28129 38021 38022 63840 63869 63878 88127 88932 88936 88943 88958 88971 88972 88979 88981 88982 96095 *10979 *11015 *63839 *88122
Germany 63878 *10965
Gt Brit 88949
India 28144
Japan 63869
Netherlands 28129 38048 63872 *11015
Philippines 38021
Puerto Rico 28149
Sweden 88935
Union of South Africa 19507
United Kingdom 28144
Yugoslavia *72050
transplanting *7061 *53049
transportation 27214
Uganda 1541
Union of South Africa 46437
varieties 9709 18810 18813 20772 20773 20783 27187 27209 29868 54922 63157 63176 82119 88124 *20774 *36971 *36976
Austria 57391 88105
Belgian Congo *36988
Canada 1538
India 20781 63165
New Zealand 57400
North Carolina 63160 63178
Philippines 12895
waste 83177 *84171
weed control 3109 21373 66023 66035 89554 *91066
Yugoslavia *54925 *79984 *90494 *90497 *90500 *91066 *95569

*Text of this reference is not in English.

Item

Tobacco--Cont.
See also Nicotiana; kinds of tobacco; and under Monopolies.
Tobacco Associates 63177
Tobacco barns 86457
Tobacco moth. See Ephestia elutella.
Tobacco ring spot
Gladiolus 38798
Tobacco seed oil 70993 87878
Tocopherol
determination 44799 62823
effects on plants *29374 *72815
in animal nutrition 15776 15998 23908 24304 32242 33262 51120 51763 *22893 *23239 *23796 *51138 *59542 *68233
in animal physiology 60149 68240 *32423 *42972 *92415
in butter 79047 79108
in cream 79047 79108
in food processing 70273
in grain 95161
in legumes 95161
in milk 63939 94757
in oils 9436
Toes
poultry 60120 84853
Tofieldia kiusiana *28585
Tofiño *89245
Toiyabe National Forest 31502
Tokyo University of Agricultural and Textile Industry *71912
Tolidomordella n g *6434
Toluene 59975
Toluene 3-4 dithiophenol *60609
Tolyposporium 81112
Tomaspis *61058
Tomaspisina 43680
Tomatarella n g 43918
Tomatidine *48157
Tomatin *56992
Tomato fruitworm. See Heliothis armigera.
Tomato hornworm. See Protoparce quinquemaculata.
Tomato juice
analysis and composition 79370
canned 45454 70666 87513
color 45433 79370
concentrated 87487
contamination 45377 45378
effects on plants *29348
extraction 70649
manufacture 8890 45377 45378 45433
processing 70649 87487
quality 18292
spoilage 45377 45378
vitamins 45454 70666 87513
Tomato paste 18235 96143 *8666 *36146 *62492 *70646 *95118
Tomatoes
abnormalities 72961
analysis and composition 26475 26476 79363 87365
anatomy and physiology 880 990 11914 12145 12284 12301 12327 12408 12438 12467 16233 20365 20418 39009 39154 39157 47928 47979 47994 48063 48069 48136 56835 56845 56926 64805 73122 73167 73201 73233 81573 81613 81616 81666 81668 81706 90040 *811 *884 *892

Item

Tomatoes--Cont.
anatomy and physiology--cont.
*12135 *12136 *12435 *12472 *20419 *29248 *29294 *39104 *73177 *81634 *89953 *90041
bacteria 87368
bibliographies 90984
bichemistry 20452 81759 *18335 *48157 *48193 *56992 *81770
blanching 70643
breeding 2156 13454 13522 19997 28810 38966 49142 56947 82536 *21334 *90928
canned 8868 45314
adulteration 54231
analysis and composition *8665
color *8665
consumer preferences 8868
contamination 18293 26547
equipment 26612
grading and standardization 18284
industry 54395
quality 18284
tests 54231
care and handling 79418
color 45394 54224
consumer preferences 95085
contamination 36240 36265 62592 79363
costs and returns
California 55452 63307
Gt Brit 55439
Morocco *80343
Netherlands *27720
New York 55472
Puerto Rico *63591
Tunisia *88557
culture 2295 2321 13512 13513 21276 29494 40156 40203 49125 49132 49195 57808 57832 57871 57873 65833 74171 74181 *21229 *57851 *65862
Argentina *2169
Arkansas 65815
Australia 2264 13527 13528 21304 30442 49232
Belgium *28722
Brazil *90951
Canada 13499
Denmark *3108
England *57848
Gt Brit
Scotland 82515
Guernsey 49234
Hungary *21312
Israel *2232 *90955
Italy *30849
Jersey 49219
Michigan 57903
Netherlands 962
*21253 *21283 *57848
New Jersey 21299
New Zealand 49201
Norway *2274 *40192 *40193
Sweden *57849
Tunisia *82518
U S S R *811 *2260 *2302 *13511 *20419 *49189 *90980 *90986
cytology 666 720
diseases 494 565 11758 11839 11961 12498 20099 28912 28914 28966 38696 38715 38772 38846 47678 72812 72894 73120 81633 87415 89586 89628 89749 *300 *426 *538 *549 *589 *593 *931

Item

Tomatoes--Cont.
diseases--cont.
*939 *11707 *11996 *12394 *28851 *38612 *47638 *56467 *64382 *72815 *89495 *89729
Argentina *38571
Australia 38785 39126
Belgium *12004 *28722
Brazil 81329 *56465 *56468
California 397
Canary Islands *56364
control 356 441 11803 31232 64426 64567 72662 72677 72794 *28999 *72900
Denmark *29008
India 11969
Italy *38664 *47622 *56491 *72647 *72835 *89582
Mozambique *72582
Netherlands *421 *20385 *72900
New Jersey 81219
Norway *38736 *38802
resistance 547 11735 11905 11914 11999 19997 38686 56497 56571 72640 72709 72885 *56492
transmission 38820 72850 *60551
Union of South Africa 89678 *572
dormancy *2281
enzymes 70643
equipment 8667 18296 44079 86668 *8827 *78525
fertilizers 3155 13978 49750 66312 74615 74648 83150 *21661
Belgium *13975
New York 91530
flavor and odor 87444 95092
for canning 21261 40171 57832
for processing 2207 8763 21299 55472 74141 74149
fruit set 49209 64785
genetics 720 12219 20213 29149 29169 49204 64659 64694
U S S R *748 *20194 *20199 *20200 *38974 *56742 *81482 *81514
germination 30482 *13478
grading and standardization 18284 18296 26548 45394
hardiness 13506 *2262 *2312 *65909 *74222 *90986
harvesting 8763 44071 44079 63307 74149 *49196 *90953
hybrids 595 13461 30419 49171 *30410 *30448 *48171
industry 18207
injuries 28789 28810 49204
irrigation 2954 21859 40775 40776 49919 *2232
Italy *18188 *18189 *36102
labor 44079 63307 63313
marketing 8705 8787 87415
Belgium *8695
California 8778 18259 87394
Florida 79418 79421
molds 18231 26475 26476 36159 45314 45418 79373 87365
New Jersey 36308
packing 8787 79418 87437 87444 95085 95088 95090 95092
pests 60889 68629 77644 85726 93978 94004 *300

Item

Tomatoes--Cont.
pests--cont.
*16791 *60761 *60911
Argentina *38571
Australia 33882
California 33877 43212 52659
control 16233 33877 43212 43832 77873 93841
planting 30488 *49157
Belgium *40215 *65821
California 40195 57833
U S S R *65916 *90961 *90972 *90985
pollination *731
prices 18259 *88557
processing 8827 18231 36265 45418 45464 86668
products
analysis and composition 70545 *54235
bacteria 8680
contamination 26547 62592
quality 70643
spoilage 8680 *54335
tests 36152
propagation 12284 29149 *2164 *57877 *74177 *81482
pruning 11803 *29248
quality 8763 8778 18284 36224 79484 79507 87437 95069 95088 *45388
ripening *18335 *79506
seeds 38820 *811 *2223 *57821 *90953
germination *12324
planting *74190
viability *30410
soils *21629
spoilage 36159
spraying and dusting 512 11619 61506 *11704 *78525
storage 79484 79507 *18335
tests 8667
trade
Algeria *96103
Denmark *55864
Morocco *80343
Netherlands *28134
transplanting 12467 49750
transportation 87403
varieties 21271 28789 74153 *30397
Argentina *21239 *49124
Belgium *30477 *40236
Israel *57895
Michigan 57903
Netherlands *2189 *21254
Norway *40231
Peru *82524
U S S R *2312 *49187 *90946
vitamins *55937
weed control 21374 29306 30568
yields 74615 *57877
Tomoplectus 93746
Tomoxioda n g *6434
Tonduzia *242
Tongass National Forest
Alaska 41112
Tongue 67817 *84541 *85787
Tonka beans *54365
Tonsils *85262
Tool sheds. See Machine sheds.
Tools 32136 34948 *6956 *25381
Topiary. See Pruning.
Torenia fournieri 29097
Torre C de la *19667
Torrenticola *34186
Torreyochloa 38430 89292
Torsalo 76307
Tortella 72444

*Text of this reference is not in English.

Item

Tortricidae 6823 68997 94074 *78165 *94130
Tortrix pallorana 34625
Tortrix postvittana 61247
Tortrix pronubana *52796
Tortrix viridana *52838
Tortula *11549
Tortula bistratosa 56295
Torula *18312 *72477
Torulopsis pulcherrima pears *56487
Torulopsis utilis 20463
Torulopsis utilis magna *913
Torutiline *39131
Torymus 34522 94010
Torymus acrophilae *43709
Totaipalm. See Acrocomia totai.
Touroulia *28590
Tovara 38455 89361
Tovomita *116
Town and country planning 30306 88693
bibliographies 10555
Gt Brit 10552 10539 10559 27870 46574 55563 63645 80406 80412 88682
Scotland 69629
Michigan 19256
New York 37712
Town and Country Planning Act 10545 10559 46592 80412
Town meetings. See Government, local.
Townesa n g 43557
Toxaphene 6394 24387 24421 33869 77283 78135 *16301
analysis and composition 52184 68493
determination 16289
fly control *6574
fruit pest control *85859
grasshopper control 52854
insect resistance 68745
mite control *85582
physiological action 93514
plant pest control 52788
residues 20257 33257 86547
tick control 85546 *16493 *24681
toxicity 6067 32746 33934 51225 77306
Toxephus L J 56027
Toxicodendron 33822
Toxicodendron radicans 2405 20378 65929 65963 65978 65987 74275 91086
control 21355 30545 49275 65949 91001
Toxicodendron succedaneum *30687
Toxicodendron vernicifluum 3294 *49371
Toxicodendron vernix 82305
Toxins 23891 81277 *26822
Toxopeus L J 11269 19638 *96219
Toxoplasma 60458
Toxoplasma gondii *22915
Toxoplasmosis
dogs *23501 *67835 *76525 *76554 *92731
North Africa *22915
pigeons 84879
poultry 42690 *33278 *76802
serum *22898
swine 60458
transmission *22899
Uruguay *92266
Toxoptera graminum 52651 64566 77977 85860 93462
Canada 68833

Item

Toxoptera graminum--Cont.
control 6647 6661 23067 34446 52164 52666
Texas 16804
Toxorhina 52497
Toxorhynchites 6548
Toxylon pomiferum. See Machura pomifera.
Toys
wood *22714
Trabaea 77631
Trabala *61233
Trabisus *16577 *85647
Trace elements. See Minor elements.
Tracheoniscus *52376
Trachyderes *34218
Trachymene *56699
Trachymyrmex smithi 61111
Tractors 7199 7200 7214 17324 17428 25253 34990 44217 53160 61548 69359 78531 78547 78678 *7204 *7218 *17420 *25419 *25452 *44094 *44171 *53183 *69311 *69329 *86360
Austria *53184 *53195 *53217
Belgium *69312
Brazil 17305 *17292 *53039 *69316
Canada *53196
caterpillar *7222 *7245 *17410 *25416 *34989 *35009 *44194 *44224 *58902 *61522 *69333
conferences and congresses 7257
construction *35006
cooperatives
Germany *53182
costs and returns 86354 86358 *7225 *35023 *46504
Austria *53211 *86331
Canada 78536
France *53173
Germany *44209 *94403
Gt Brit 94408
Netherlands *78569
U S S R *78551
Czechoslovakia *53156
demonstrations
France *7236
Denmark *61544
designs and specifications 7209 7219 7248 25427 44166 53163 78533 *7217 *7229 *7260 *25454 *53184 *53201 *61541 *69338
Diesel 7261 *44230
directories 44178
effects on soils *7241 *30727 *35005 *58081 *61531
electric
U S S R *44189 *53154
equipment 34784 53174 61515 69331 78408 *25297 *25450 *25458 *35008 *35020 *44044 *44190 *44213 *53022 *61521 *61532 *69313 *69325 *69327 *69341 *78412 *78424 *78425 *78535 *78545 *78556 *86228 *86339 *86348 *86361
Austria *61430
Finland *69367
Germany *53214 *69324 *69355 *94291
Italy *69366
U S S R *25207 *25224 *34777 *78418
Europe *69337
France *25429 *25451 *86328 *86373 *94387
garden 7198 44174 53159 61534 *7206 *17427 *34855 *34992 *44177 *44180 *86237

Item

Tractors--Cont.
garden--cont.
*94397
Germany *6988 *17415 *17431 *25437 *35008 *53189 *69325 *69328 *69332
Russian Zone *94388
Gt Brit 7259 34810 69310
hazards and safeguards 69322 *35024 *61543 *75408 *78560 *78567 *86351
history *35000
housing *78549
hydraulic controls 69320 69330 86342
in forestry 22317 *3357 *31549 *31881 *58796
U S S R *22503 *31883 *91726 *91941
in logging *14755 *22465 *22503 *31874 *31878 *31883 *50427 *50441 *58904 *67040 *91941 *91955
Italy *34998 *53176 *69311 *86338
labor
U S S R *27354 *27376 *27395 *61511 *88306
maintenance and repair 7246 17387 17435 25417 25424 25456 34947 34963 34996 35010 44216 44219 53167 53213 61524 61538 69321 69326 69357 69358 69368 86367 86368 94390 *7202 *7228 *25448 *44173 *44176 *44203 *44224 *53171 *53218 *53221 *61520 *69306 *69319 *78509 *78559 *86347 *86356 *86364
equipment *53175 *53190 *53219
Germany
Russian Zone *7226
Gt Brit 61525
Sweden *61546
U S S R *7213 *7240 *7256 *7258 *25418 *25420 *25422 *25433 *25435 *25443 *25444 *25445 *25459 *25461 *44145 *44179 *44195 *44197 *44214 *44221 *44223 *53135 *53178 *53204 *53215 *53216 *53222 *53223 *61512 *61518 *61530 *61542 *69315 *78515 *94394 *94401
manufacture 53198 *78543 *94393
Mississippi 25442
Netherlands *25431 *36554 *78570
New Zealand 25154 25439
North Carolina 17413
operation 7201 17432 25436 35015 44191 78540 78548 78550 *7208 *7235 *9928 *17407 *25446 *53155 *53194 *53220 *61513 *69177 *69351 *78538 *78555 *78557 *78558 *78560 *78565 *86333 *86344 *86345
Germany *53212 *69342 *69347 *78549
Norway *44227
U S S R *35016 *35018 *78541
parts 7138 14661 17414 35014 44168 61509 61549 69314 78532 78563 86355 86369 94389 *25413 *25435 *44183 *44192 *44198 *53200 *61539 *61542 *69340 *69360 *78559 *86498
power take-off 35185 35186 61527 69302 78403 *7252 *44181 *44182 *53358 *61681 *78677

Item

Tractors--Cont.
purchasing 61523 86336 *69335 *78534 *78537 *86340 *86362
requirements *94405
Argentina 7210
Germany *86353
Italy *86372
U S S R *94395 *94400
shows 86346 *7010 *17418 *61532 *78347
Southern States 95896
Spain *7197 *25448 *44211 *44228
statistics 44170 53158 78568
study and teaching *78552 *94385
Sweden *34987 *44204 *69365 *94407
taxation
Germany *7010
tests 7196 17426 35012 *44163 *44206 *86327
Australia 86375
Denmark *53181
Gt Brit 7215
Nebraska 44178 44208
trade 53185
types 7195 7242 7253 7255 34988 53191 78548 78566 *7239 *7251 *14755 *17419 *25423 *25447 *34995 *35002 *35004 *35007 *44164 *44193 *53164 *53165 *53172 *53188 *53209 *53224 *61519 *61536 *61537 *69305 *69352 *69353 *86334 *94386 *94388
France *7233 *69323
Germany *44209 *69361 *78544 *94404
Italy 53161 53225 *53210
Sweden *44205 *53162
U S S R *44184 *86352 *86371 *94398 *94399 *94402 *94409
Union of South Africa 78561
U S S R 86359 *7211 *25411 *25412 *25432 *25434 *25438 *25457 *25463 *34986 *34997 *44165 *44188 *44210 *51533 *61529 *94392
utilization *25275 *34994 *53165 *69339 *86329 *86370
Finland *31882
Germany *25415 *25460 *61547
Gt Brit 17430
North Carolina 78539
Norway *31886
Sweden *69349
U S S R *9897 *9929 *25420 *35019 *35026 *61511 *69354
See also Machine tractor stations; names of parts; and under 4-H Clubs; Fuels.
Trade 10945 10970 10972 11012 28109 37059 46922 55867 55868 63863 63874 72053 *10956 *10979 *11003 *19481 *19499 *19509 *28141 *38056 *46926 *55862 *61758 *61795 *72032 *72040 *72058 *80607 *80626 *88948 *96106
Africa *46917
agreements and treaties 28145 63843 63872 80635 *10944 *10987 *10992 *38046 *63829 *63860 *72021 *88927
Australia 63858
Gt Brit 80613
Argentina 55844 *38011 *46930
Australia 46915 63850 63868 72025

*Text of this reference is not in English.

Item

Trade--Cont.
Austria *10997 *55000 *55833
Azores 27488
Belgium *10988 *96081
bibliographies 55861
Brazil *55838
British Commonwealth 71417
Burma 72031
Canada 10949 10972 28119
46916 55843 63863
Caribbean Region 28154
Ceylon *46946
China *55842 *63845
Denmark *19481 *19483
*19486 *38016 *38058 *55834
*63864 *72022 *80614 *88429
*88930 *88974
directories *38016 *96081
Europe 10970 19497 63855
*19484 *28143 *38025 *38034
*55828 *63861 *88941 *88950
Far East *10942
Finland *28126
Formosa 72033
France *10943 *25710 *27235
*38038 *46917 *88944
French Equatorial Africa *10954
French West Africa *19466
Germany *28155 *46911
*55836 *55860 *72038 *72045
*72068 *80620
Gt Brit 10981 55853 63862
72035 *55154 *72081
Guatemala 80606
history 28131
Iceland *10973 *80616
India 55863 80608 88967
88970 88980 88990 96099
*46069
Indonesia *88429
Ireland 55853
Italy *10961 *27235 *38015
*38038 *55824 *63833
Japan *37336
Lebanon 10949
Madeira 27488
Morocco *19468 *19500
Netherlands *19501 *25652
*35305 *46923 *63856 *80634
New Zealand 10989
Nicaragua *19495
Nigeria 28072
North Africa *7509
Peru *46913
Philippines 38037 38045
69537
Poland 63866
policies and programs 72036
*10976 *19486 *46243
Denmark *46937
Europe 28152 *10980
*10983 *46243 *96090
France *69660
Germany *11006 *27549
Italy *63835
Spain *46939
Switzerland *19477
Portugal 27488
regulation 38037 55851
Scandinavia *10942
South America *63856
Spain *37047 *46934
statistics 55868 72076
80609
Algeria *19464
Argentina *88928
Australia 28110 78845
Brazil *72028 *72029
British Honduras 28116
Canada 55821 63832
British Columbia 72030
Ceylon 63834 63851
Colombia *19474
Cuba *80605
Denmark *55827

Item

Trade--Cont.
statistics--cont.
Dominican Republic *19478
*72037
Finland *46918
France *10964 *28123
*46919 *63841
French colonies *63842
Germany *28123 *72042
*88940
Gt Brit 63846
Guatemala 96104
Indonesia 72046 *28128
*80614
Iran *63852
Iraq 88946
Ireland 28130 46924
Israel 63853 72048
Italy *46925 *88965
Japan 11008
Kenya 55830
Malaya 25700
Mauritius 19491
Mexico *28137
Morocco *55847 *80624
Mozambique *10990
Netherlands *38040
Netherlands West Indies *95773
New Zealand 19494 88961
Nigeria 38041
Nyasaland 72061
Panama *38042
Portugal *88969
Sierra Leone 19502
Spain *19503
Sudan 63873
Surinam *11009
Switzerland *11010 *46945
*88977 *96107
Tanganyika 55830
Tunisia *55845
Turkey *11014 *28150
*72074 *96100
Uganda 55830
Union of South Africa 28151
Venezuela *53603 *72079
Yugoslavia 88989
Zanzibar 96109
Sweden *19469 *19483 *28126
*28148 *46930 *55819 *63837
*63857 *72070 *72081
Switzerland *10957
terminology *72072
Togo *80611
Turkey *63857
Venezuela 55843 *18845
Zanzibar 11018
See also Tariff; and under specific subjects.
Tradescantia 73165
anatomy and physiology
20282 20301 20328 29292
56770 56795 90128 *90039
biochemistry 20440
cytology 20404 20405
genetics 20386
Tradescantia hirsuticaulis 89828
Tradescantia paludosa 81628
89925
Trägårdh I *19639 *28316
*72211
Tragardhula 93733
Tragia cannabina 90075
Tragocephala 93778
Tragopogon 11505
Trailers 7216 32038 75545
78554 95269 95283
Finland *69367
in logging *75418
Tramea lacerata 34693
Trametes
Picea *56531
Trametes cinnabarina
fruit 72667

Item

Trans-Canada Air Lines 44601
Trans octadecenoic acid 36559
Trans 1,4-dibromobutine-2
fungicides 11925
Transaminases 20444
Transhumance. See under Livestock and names of animals.
Transportation 17601 25649
78765 *94223
Arkansas 25628
Australia 7879
Austria *17193 *86577
Brazil *78799
by aircraft 7505 17590
18542 86568
by railroad 7503 18258
18272 35247 53466
by truck 17610 18272
36195
Indiana 71049 79870
New York 69595
Puerto Rico 63128
U S S R *25425
by water 86955
Canada 61740
Chile *7497 *94217
costs 35263 *25637
directories 69595
equipment 17276 35027
69309 69343 *7516 *17193
*69345 *86129
France *78759
French Sudan *62367
Gt Brit 35274
labor *44476 *95660 *95677
legislation 94541
Mexico *61768
Netherlands *25652
New Zealand 7518
Peru *17611
refrigeration 7517 36195
44458 45375 45463 53458
79394 79401 79402 86582
95061 *25630 *44464 *86586
statistics 25628 53466
69604
Tchad *44453
Uruguay *7519
See also Freight rates; and under names of commodities.
Tranzschelia prunispinosae
plums *64530
Trapa *89253
Trapa natans *21446 *48079
Trapa pectinata *11459
Traps. See Baits and traps.
Trashy fallow. See Tillage, stubble-mulch
Traumatic gastritis
cattle 15484 *4636 *32698
*67698 *84257
ducks *23932
Traumatic pericarditis
cattle 23343 *67698
Trautmann A *64028
Travancore-Cochin Agriculture Dept 96188
Travancore Forest Dept 83265
Treaties. See Trade, agreements and treaties; and subhead agreements under specific subjects.
Trechus 24742 *16556
Trechus longulus *16570
Tree farms 22139 22156
41039 66827
Canada 3350 75068
credit 14505
Eastern States 66901
Louisiana 91593
management
Pacific Northwest 31572
Oregon 3376 40994
South Dakota 58659
Texas 58627

Item

Tree farms--Cont.
Union of South Africa 75043
Washington 41016
West Virginia 31444
Tree medic *12730 *49378
Tree peony. See Paeonia suffruticosa.
Trees 21079 22206 40041
57979 *13173 *22108 *28421
*31516 *47181 *57727 *89244
Africa *38426
age 15024 50335
anatomy and physiology 866
12177 12443—12445 15033
23123 29252 29383 38920
47756 47910 47936 48107
48130 56685 73253 81588
81672 81721 *933 *3397
*14954 *29202 *39081 *38103
*47757 *47799 *47889 *47973
*56825 *64619 *81563 *89993
*89994 *90091 *90092
Argentina *40053
Australia
Western Australia 66864
banding 41227
bibliographies 28583
biochemistry *39256
Brazil *22204 *22223
breeding 12217 14634
22338 66959 75344 81216
83425 *22336 *31714 *31719
*31742 *50315 *50345 *58776
*66930 *91751 *91752
Austria *50318
Denmark *50305 *91743
Germany *31682 *31735
*50224 *91851
Gt Brit *91854
Netherlands 64676
Norway *66928
research *31353
U S S R *31677 *31678
*41185
Western States 91767
Canada 22215 28583 56685
care 7058 13151 13324
25174 30208 30313 30380
40087 56410 74153 82313
82340 90745 *288 *1878
*13138 *28820 *49099 *57472
*64365 *90640
Caribbean region 28528
Costa Rica *3322
Cuba *3298 *14456
culture 39943 *14630
Switzerland *22337
U S S R *31807 *66931
damage 30295 30352 41256
Denmark *75115
diseases 303 28769
28883 29035 41254 43196
47358 81144 85345 85407
93416 *20029 *28755 *28803
*31756 *72600 *89639
Canada 19960 28823
77194 89539
Denmark *64455
Germany *72686
Gt Brit 81169 85404
Mexico *28770
resistance 81216
Rocky Mountains *89501
Southeastern States 33868
transmission 93443
U S S R *5982 *28901
*89478
Western States 28826
Yugoslavia *611
drought resistance *81707
dwarf 49007 65790
effects on soils *3525 *21975
Europe *72399
felled 41331
transportation
by truck *22482 *22496
by water *22502

*Text of this reference is not in English.

Trees--Cont. Item
felling 22512 *3485 *3572 *14754 *22467 *22494 *31885 *31887 *31894 *31912 *50204 *50437 *75422 *91954
fertilizers 30916 30917 49651 *14005 *22062 *58277 *74590
U S S R *31743
Finland *1011
Florida 22213
folklore *50190 *50388
France *31537
genetics 12217 12421 38566 91746 *12208 *66963 *91770
Norway *3391
U S S R *31678 *58705
Germany *30347 *38453 *56221 *90848
Russian Zone *91761
grading and standardization 75158 83315
Gt Brit 11365 11469 72390
growth 836 943 14540 15024 22311 29208 31585 91796 *908 *3387 *31619 *31756 *50266 *75241
Finland *48014
Georgia 89995
Germany *75228
measurements 58756 75225
Netherlands *56919 *91738
Tropics *50283
U S S R *31908 *75243
West Virginia 22316
hardiness *971 *29323 *39175
Canada 30191 57650
hybrids *75249
identification 56206 64243 65723 72409 *57718 *72419
illustrations 72390 *64143
in art *64116
in soil conservation *3078
India 64240
injuries 303 335 19900 19930 28749 28768 30243 39109 56410 75424 81144 91865 *288 *3485 *28803 *47410 *75354 *91866
Indonesia 3304 75145
introduction
Australia 75240
Belgium *83297
Europe *75241
France *91676
Germany *3314 *3411 *14473 *22209 *22350 *66881
Russian Zone *91678
Gt Brit 31633
Netherlands *75260
Pakistan 3400
U S S R *31642 *31655
Japan 47295
Java *14459
Kentucky 56206
killing 3356 3413 3418 3474 14578 14581 21391 40268 49315 50289 50303 58787 66932 66939 74277 75264 75265 75268 75296 *3415 *75273 *75284
Alabama 66940
chemical 3800 14587 22314 75613
equipment 3423
Michigan 50285
Southern States 14589
legal aspects *88645
Maine 28563
marking 14486 75042 91709 *14489 *32027 *91789
Canada
British Columbia 50291

Trees--Cont. Item
marking--cont.
costs and returns 14488
equipment 66887
Italy *14582
measurement 22288 31614 31617 50246 83354 83355 83361 *3381 *3387 *14551 *22289 *22293 *31597 *31599 *31619 *50252 *59122 *66913 *75226
equipment 3386 41175 83366 *22284 *50259 *66910 *66914 *91741
Norway *3391
U S S R *31601 *31609
Minnesota 19837
Mozambique *83199
names 47231 *14479
Netherlands *57718 *71711
nomenclature 75145 *3327 *14480
North America 72361 *75598
North Dakota 19838
Northeastern States 38439
notable *31354 *47173 *64140 *75132
Gt Brit 38348
Italy *65586 *73971
ornamental 335 2111 13330 13385 30222 30394 39958 39972 43150 48930 48978 57770 65511 65572 65601 65669 73118 73964 74037 74081 77639 *30211 *30375 *90854
Argentina *65731
Australia 1917 74002
Canada 13423
Florida 19846
Germany *49052 *82437
Minnesota 65767
Ohio 57687 74052
U S S R *21127 *21157 *30245 *74033
Pacific Region 19826
pests 14637 28769 77639 93416 *6482 *17061 *34220 *34562 *68457
control 33849 33864 43150 52072 60591 *16191 *52468
Indonesia *16191
Midwestern States 33879
Northeastern States 77261
Oregon 33841
planting 3448 3461 3464 13385 14619 14629 30222 30302 31684 40590 58627 66948 66966 74052 75330 75350 *3441 *3447 *14630 *22331 *22346 *31680 *41208 *41247 *50316 *50339 *58805 *91805 *91832
Austria *66957
Brazil *22364
Canada 31748
British Columbia 31683
Connecticut 22339
equipment 3467 41243 83248 *3428 *3452 *3463 *22948 *66947 *91801 *91827 *91928
Germany *91819
U S S R *31710 *41230 *58798 *58802 *91847
Yugoslavia *50307
France *31746
Germany *66955
Gt Brit 31631
Illinois 50327
Massachusetts 50346
Norway *66964 *75178
Ohio 50334
Pennsylvania 83421
policies and programs 3460 14403 31725

Trees--Cont. Item
planting--cont.
Southeastern States 22362
Spain *48718 *91798
Sweden *22326 *22359 *41228
Union of South Africa 22333
U S S R *22357 *31415 *31686 *31689 *31694 *31695 *31717 *31730 *31732 *31737 *31738 *41231 *41248 *58807 *58811 *58820 *58837 *75323 *75325 *75351 *91833 *91840
West Virginia 14633
Wyoming 14390
Yugoslavia *31701
pollen 48130 *39196
pollination *89921
propagation 30294 83423 *22352 *31699 *31708 *31718 *50320 *50342 *58797 *83412 *83414 *91800 *91817
U S S R *41236 *58812
protection
equipment *75358
pruning 1890 1920 2152 30276 30295 31671 39658 39946 48930 48978 49020 75277 83389 *14590 *22331
equipment *22318 *41195 *41197
Pacific Northwest 3472 83381
quality *91832
removal 94344
rings 923 15016 28446 47192 72302 72312 89228 *45 *20380 *41649 *47179 *47191 *59146 *64114 *64127 *64150 *72281 *72288 *80886
Alaska 11375 11398
measurement *59122
Southwestern States 38389
Texas 47193
roots 74037 *91817
rootstocks 1639
seedlings *22284 *31689 *31743 *39203 *50312 *50331 *75313 *90021 *91832
care and handling *50324
equipment *91804
pests 50349
Sweden *83372
treatment *31696
U S S R *31717 *58836 *58837 *91814
seeds 14600 14606 22344 36678 41609 50310 75337 75349 83404
analysis and composition 22733
Austria *22355
Brazil *22363
Canada 75306
cleaning *91860
collecting *31712 *31738 *41207 *66052
Connecticut 22339
Denmark *58817
equipment 3430 3436
Georgia 22172
Germany *66952
germination 58826 *22335 *29381 *58832 *66953 *91831
Gt Brit *91854
Lake States 50340
New York 22173
Norway *14617 *58799
Pacific Northwest *91807
pests 75365 *25012 *91862
processing 75306
quality *41247 *50332 *91830 *91852
research
Sweden *58806
Spain *75340
storage *75334

Trees--Cont. Item
seeds--cont.
Sweden *66949
treatment 58826 *75333 *91844
U S S R *75332
U S S R *22147 *22302 *31745 *41207 *58814 *91769 *91822
viability *14604 *91829
yields *58830 *58834
Yugoslavia *22150
shade 1910 13151 13286 30219 30308 30381 40094 48958 57764 65756 82671 93416 *92378
Arizona 90740
Belgian Congo *66445
care 49037
New Jersey 48920
pests 33864 52072 60591
soils 30731 47936 *13860 *22357
U S S R *971 *91199
Southern Rhodesia 38468
spraying and dusting 28768 33849 53152 56438
street and roadside 2062 13187 13437 30158 30164 30182 39946 40131 49020 49105 56438 82351 90718 *2046 *13138
Belgium *1878
California 13255 21093 65751
Canada 30382
Cuba *21024
Denmark *73988
Germany *57785
India 49003
legal aspects 1920
Netherlands *65686
New York 82402
Union of South Africa 2136
surgery 19923 31467 *38606 *72537
Surinam 41118
Switzerland *66866
taxonomy *47297
Tennessee 72422 83312
transplanting 30288 39985 75343 90750 *31681 *91843
equipment *50312 *53028 *53034 *75326
U S S R *29899 *30240 *91841
Union of South Africa 3326
U S S R *47729 *58713 *58825 *89275
varieties 13438 13439 30235 30352 82474 *58709
Argentina *41213 *50180
Arizona 31528
Egypt *14345
Germany *75255
Haiti *66877
Israel *22332
Italy *39713
Kentucky 41116
Louisiana 31532
Massachusetts 49121
New Mexico 31528
Southern Rhodesia 14467 50192 66874 66875
Uganda 28522
Union of South Africa *3290 *38850

See also Christmas trees; Forestry; Forests; Nurseries; Silviculture, Tree farms; Windbreaks; and names of trees.

Trees for Tomorrow 83266
Trellises 2264
Trematodes 86089 *4009
Tremellales 28704 56346

*Text of this reference is not in English.

Item

Tremellia 6842 28704
Tremor 67813
Trepobates vazquezae Mexico 16819
Trhypochthonius tectorum *16512
Trialeurodes vaporariorum *61031
Triangusella n g 93746
Triaspis 34526
Triatoma 16860 24921 85883 *34472 *34485 *43666 *85838 *85839
Triatoma amicitiae *52650
Triatoma infestans *24915 *68849 *68860 *77985
Triatoma longipes *16845
Triatoma protracta 16253 52673
Triatoma recurva *16845
Triatoma rubrofasciata *6662 *93960
Triatoma sordida *68849
Triatomidae. See Reduviidae.
Triatominae 34450 68847 *56250
Triazolo pyrimidine 29198
Tribelocephala *68863
Tribelocephalinae 6644
Tribolium 52482 85691
Tribolium anaphe 43484
Tribolium castaneum 16610 34277 34278 60830
Tribolium confusum 34232 34253 34278 60852 77741 *68682
Tribonema endozootica *64282
Tribulus terrestris 49294 *64646
Trichachne vestita *12546
Trichaphaenops angulipennis *52485
Trichestola n g *6420
Trichilia emetica 3295 13648
Trichinella *51440
Trichinella spiralis 9303 16082 *92890
Trichinoscope *92290
Trichinosis 26819 *32417 *92290
Australia 16108
Italy 77102
swine
Brazil *16096
Canada 43066
Italy 77102
transmission
to man *51440 *75829
Trichiosoma *25015
Trichipocregyes n g 93778
Trichiura 78209
Trichius *77795
Trichloroacetic acid 882 40274
derivatives 13533
Trichloroethylene 4720 36737 51273 62950 76241 76371 84358 *9388 *87909
2,4,5-Trichlorophenoxy propionic acid 64853
effects on plants 29274 47883 47901 47949 48096 73197
preharvest use 47884 48097
alpha 2,4,5-Trichlorophenoxy propionic acid 56799
Trichobius corynorhini 77858
Trichocanace n g 60995
Trichocentrus *24943
Trichocladium 72480
Trichocladius arduus 34336
Trichocladius trifascia 34336
Trichocladius vitripennis *77817
Trichoderma 47552 *56600
Trichoderma viride 90095

Item

Trichodes 93737
Trichodes apiarus *60847
Trichodes ornatus 52469
Trichodinychura n g *93731
Trichoecius 6370
Trichogaster 43931
Trichogonostreptus *52345
Trichogramma *6736 *52730
Tricholoma 38538
Tricholoma mirabile *262
Trichomanes boschianum 28627
Trichomerium *242
Trichomesosa 93778
Trichomonas 24309 *22984
Trichomonas foetus 42159 84326 *3983 *15439 *41777 *67356 *76302 *92276 *92582
Trichomonas gallinae 15843 15844 33345
Trichomoniasis 83881
cattle 4583 15439 23273 59611 67613 67617 67655 84326 *4599 *4710 *15469 *32759 *42158 *51161 *76404 *84401 *84420
control *76302
diagnosis 4544 32689 32736 42166 *4705 *32684 *76413 *92603
Germany *23386 *59740 *67630 *76413
Italy *15474
prevention *92604
transmission *32781
treatment 32769 42200 *51266 *76237 *84343 *92604
Trichoniscidae *16478
Trichonta 16744
Trichopetalum 16480
Trichophila n g 61305
Trichophyes n g *16843
Trichophyton faviforme 76316
Trichophyton tonsurans *15219
Trichophyton violaceum 12318
Trichophytosis *42880
Trichopilia 64216
Trichopoda pennipes 16730
Trichopsidea clausa 52590
Trichopsylla 94189
Trichoptera 17149 34698 *69050
Canada 61312 94200 94202
Czechoslovakia *43929
India 61305
Lappland *25146
larvae 43127 43912 *16913 *86088
Pennsylvania 69028
taxonomy 86093
Trichosanthes anguina 30675 30676
Trichoscyphella 56325
Trichoseptoria *47348
Trichostrongylosis 4604
Trichostrongylus 33579 59299
Trichostrongylus axei 5667
Trichostrongylus probolurus 51830
Trichoteras 78053
Trichothecin 21555
Trichothecium cystosporium 19874
Trichothecium polyctonum 81095
Trichothecium roseum 89702 *28699
Trichotomoxia n g *6438
Trichotonannus *24977
Trichotrombidium n g *6369
Trichotrombidium muscae *6369
Trichuris vulpis 32930
Triclepola *85869
Tricothyriopsis *242
Tricrania stansburyi 16589

Item

Tricresyl phosphate 68240 70813
Tricuspidaria lanceolata. See Crinodendron patagua.
Tricyrtis latifolia *72393
Tridactylus ceylonicus 94156
Tridax trilobata 12139
Triethylene glycol 60135
Trifinae 78074 *68911 *78073 *78075
Trifloryl 84377
Trifoliate orange 13003 89481 90726 *29006 *48755
Trifolium alexandrinum. See Egyptian clover
Trifolium ornithopodiodes *110 *56277
Trifolium pratense. See Red clover
Trifolium repens *48398
Trifolium subterraneum 83732
Trigenotyla n g 17145
Trigona 78005
Trigonalidae 6699
Trigonella foenum-graecum 88016
Trigonobothrys 52365
Trigonogenius globulus 60832
Trigonoptera 93778
Trigonopteryginae 34654
Trigonoscelis fasciculitarsis *60839
Trigonotis 38448
Trigonuncus *16939
Trigonura *43732
2,3,5-Triiodobenzoic acid *20418 *56914
Trillium 47824 81002
Trillium erectum *80956
Trillium grandiflorum 68958
Trillium kamtschaticum *12159
Trillium ozarkanum 64228
Trimeria *34548
Trimerotropis 25109
Trimerotropis sparsa 34681
Trimethylamine oxide 36721
Trimioarcus n g 93746
Trinervitermes 6901
Trinidad and Tobago Dept of Agriculture 28282 31457 39637 50954 89098
Trinidad Goat Society 24219
Trinidad Imperial College of Tropical Agriculture 19777 27972 28280 40367 *10254
Trinity National Forest 14444
Triorchism *68332
Trioza 61094
Tripe *18579
Triphaena pronuba 61201
Triphenyltetrazolium chloride 48164 *4091
2,3,5-Triphenyltetrazolium chloride *94756
Triphleba *24859
Triphleps 16811
Triphyophyllum n g 47212
Triplochrysa n g 34707
Triploidy. See Polyploidy.
Triposporium 28685
Tripsacum fasciculatum. See Tripsacum laxum.
Tripsacum laxum 20663 49533 *1328 *57292 *73602 *73603
Tripterygium wilfordi 43254
Trirhabda 16528
Trisetacus n g 52372
Trisetum flavescens *72398
Trisodium phosphate 64551
Trisodontophyes *52722
Trisopsis tyrogkyphi 24786
Trissemus 43445 *85647
Trisseucoela rifipes. See Tropideucoila rufipedata.

Item

Tristania conferta 13196
Tristeza
citrus 4762 20105 47625 56589 64548 64553 64554 72839 72872 72873 81335 89700 *11984 *20086 *20096 *28989 *29022 *38799 *47634 *56588 *64565 *72838 *81330 *81349
Trithrinax campestris *8477
Triton 12255
Triumfetta rhomboidea 47740
Trixoscelidae 60946
Trochobryum carniolicum *11531
Trochosa singoriensis *68627
Trogatiella n g *60834
Troglophilus cavicola *86025
Trogoderma afrum 43468
Trogoderma versicolor 93772
Trogonella n g *34697
Trogoninirmus 78259
Trogophloeus 43424 *16629
Troian M A *68274
Troitskaia Lesozashchitnaia Stantsiia *31400
Trombicula 52359 77599 93733 *43392
Trombicula akamushi 60775
Trombicula alfreddugesi. See Eutrombicula alfreddugesi.
Trombicula autumnalis 6396 24693 *24675
Trombicula cynos 77599
Trombicula deliensis 60775 60794
Trombicula minor 60774
Trombicula miyajimai 52358
Trombiculidae 16497 34159
Trombiculoides 16490
Trombidiidae *6369
Trøndelag Myrselskap *19624
Tropaeolum 74078 *11989
Tropaeolum majus *72331
Trophimus 93783
Tropical rat mite. See Liponyssus bacoti.
Tropidauchen *6865
Tropideucoila rufipedata 6744
Tropidothorax leucopterus *24959 *85851
Tropinota hirta 24781
Tropism
plants 12256 47881 47930 64716 *47895
See also Geotropism; Phototropism.
Trostianetskiĭ Gosudarstvennyĭ Plemennoĭ Rassadnik *23465
Troughs 86201
Truck crops. See Vegetables; and names of crops.
Trucks 7207 17424 44200 53835 86363 86370
Denmark *34999
designs and specifications 54771
in forestry 22514 *22463 *22484 *22492 *22518
loading 86571
maintenance and repair 31873 44216 94390
USSR *22463
refrigerator 44479 53442 53471 70079 94542
statistics 44170 53158
tank 8051 17436 17903 35745 44884 58862 62119 69439 70057 86337 86954 86956 *7830 *26051
USSR *25425
Truffles 278 2252 74219 *13494
Italy *2170
Trusler M 71797

*Text of this reference is not in English.

Item
Truw preparations *92343
Trypaflavin *59392
Trypan blue *59392
Trypanalebra n g 85884
Trypanocides 59627
Trypanosoma congolense 32904
Trypanosoma conorrhini *6662 *93960
Trypanosoma cruzi 52673 85883 *85838 *85839
Trypanosoma equinum 51471 *84685
Trypanosoma equiperdum 4044 *68184
Trypanosoma evansi *68184
Trypanosoma simiae 77126
Trypanosoma vivax 6571 85030
Trypanosomes 15482 60953 85385 *15191
Trypanosomiasis 5974 *59351
Africa 83833 85758 *19346
Belgian Congo *52591
cattle 59627 59628 59694 76407 84299 92601 *32754 *59692 *84246
man
Gold Coast 85706
Palestine *4067
rabbits 85030 *68184
swine 77126
transmission
Africa 34352
treatment 83840 *32310
See also Surra.
Trypetidae. See Tephritidae.
Trypetini *43489
Trypopitys carpini *43416
Trypsin 23907 *59964
in milk 8106 22787
Tryptophan 26650
determination *35234 *79196 *79371 *83733
effects on insects *52585
effects on plants 90110
in food 7609
in insects *78085
in plants 29476 29490 90170 *39243 *64896 *84223
in poultry nutrition 23838 60108
in swine nutrition *24245
Tryptophan desmolase 47872
Tschermak E *39406
Tschermak-Seysenegg E *47045
Tsentral'no-Chernozemnyi Gosudarstvennyi Zapovednik *50352
Tsetse flies. See Glossina.
Tsuga 58706 58722 91865 *3316
Tsuga canadensis 38855 41216
Tsuga heterophylla 59015 59091 64318
damage 75353
diseases 11646
regeneration 50306
wood 31852 31963 31978 32187 32197 67161
Tubectomy
surgery *42509
Tuber flea beetle. See Epitrix tuberis.
Tubercinia tritici *47573
Tuberculin 41774 42125 83867 84242 *15201 *84243
Tuberculin test 88789 *51260
cattle *42237 *42238 *67679 *76345 *84243
guinea pigs 51515
India 4691
sheep
USSR *24169
swine 77117
Yugoslavia *92620

Item
Tuberculobruchus n g *52420
Tuberculosis *4031 *23036 *32356
cattle 4611 42219 42228 67694 84274 84399 84407 *4536 *4637 *15201 *15406 *23366 *26846 *32797 *51206 *67650 *76401 *84328 *92610
Algeria *4681
Australia 84313
Austria *23375
Belgium *67653
Brazil *76364 *84270
control *4551 *4586 *4608 *15400 *23389 *32714 *32772 *32775 *42190 *42143 *42147 *42205 *67644 *67658 *67679 *76280 *76290 *76322 *84253 *84279 *84293 *84306 *84311 *84402
Argentina *59652
Austria *84294
California 23392
Canada 84268
Denmark 76397 84351 *84305
Europe *67618 *76283
Finland 84390
France *67648
Germany *4598 *4728 *23398 *32710 *42165 *42183 *42246 *51207 *51279 *59661 *67600 *67616 *67620 *67623 *67680 *67695 *84281 *92579 *92655
Russian Zone *84332
Gt Brit 4560 *92578
Netherlands 23292 84416 *4559 *23297 *51249 *59622 *67666 *67699
Northern Ireland 32760 76361
Scotland 15468
Switzerland *51282 *84316
Denmark *84380
diagnosis 23303 51515 76313 *15442 *15466 *23274 *23344 *42164 *51254 *51260 *59731
tests *42237
eradication 42174 84383
Germany *15418 *23391 *32767
Gt Brit 23339 59744
USSR *4700
French West Africa *92623
Germany *4320 *4663 *4727 *23390 *32756 *76373 *92662
Gt Brit 15497 67625
immunization *23314 *23398 *32718 *42117 *42194 *42238 *67618 *76270 *76283
India 51223
Netherlands *15487 *32688 *51254
prevention *4601 *15449 *23296 *67660
research
India 4691
tests
Denmark 67665
transmission
to man 84369 *15400 *15447 *51181 *59688 *84273 *84393 *92592
treatment *51203 *51247
Yugoslavia *92620
conferences and congresses
Germany *92325
control *4215
Florida 4007
diagnosis *92321
dogs *59832
ducks *23918
France *84273
hamsters *23708

Item
Tuberculosis--Cont.
horses *33067
livestock 22989 50929 92314 *23013 *32412 *45698 *83878
eradication 50928 83983
French West Africa *92323
man 8127 11038 19522 19529 28175 88789 92988 *46051 *46058 *84328
poultry 5793 *5330 *42703 *76805
USSR *4700
transmission
to man 92988
resistance 23030
swine 5793 42219
transmission *85267
tests *92579
transmission *15487 *35699
to man *42227
See also BCG vaccine; Mycobacterium tuberculosis; Tuberculin test.
Tuberolachnus salignus 43649
Tuberoplectus n g 93746
Tubeufia helicomyces 11612
Tuburcinia *28671
Tucumcari Irrigation Project 95868 95869
Tularemia *4211 *22916 *32322 *41816 *43397
man *5572
rabbits *5572 *5587 *5590 *5594 *33500
transmission 24692 85586 *6378
Tulipa 49014 82465 90787 *82337
anatomy and physiology 64862 *20163
breeding 39040
culture 13365 21211 49005 57775 82431 90806
diseases
Netherlands *47596
forcing 21199
Germany *21201
history 13346
Japan *2044
Netherlands 90899
New York 40056
Norway *1951
packing 54968
Texas 82458
USSR *19804
varieties 2010 13327 57708 73918 82459 *30338
Tull J 81275
Tulostoma 56330
Tumidagena n g 61073
Tumors 15194 92294 *4026
cats 51406 84535 *32933
cattle 4732 *4650 *51267
dogs *23503 *32929 *32937 *42360 *84537
ducks 42695
fur-bearing animals *59891
horses 92839 *59963 *84700
insects 16678 16688 16689 16698 16736 16756 24806 24841 34326 34334 43532 52512
plants 29010 39263 47774 47994 *371 *28162 *29374 *47766 *64794 *72805
poultry 42695 60122 60134
See also names of tumors.
Tuna fish 95576
Tundra 13757 72262 *47139
Tung meal 9421 29039
Tung nuts
analysis and composition 26948 62932
moisture 26948 79801
processing 79801 87908

Item
Tung oil *62908
analysis and composition 36711 70973
bibliographies 62944
chemistry *36755 *70980
extraction 40322
industry 13706
marketing 87908
Mississippi 13695 95343
research 26964
situation and outlook 18658 18659
Tung oil tree 2489 13706 13717
anatomy and physiology 2478 12322 20337
culture 21449 21462 30689 40322 40340
Mississippi 13695
Nyasaland *2458
diseases *81209
fertilizers 13999 14010 21770 74567 74923
Madagascar *65232 *65235
soils 21678 21738
transplanting 2470
yields 2511
Tungsten 32156 *50618
Tunis Ecole Coloniale d'Agriculture *30137 *35567
Tunisia Service Botanique et Agronomique *28465
Tupeia 72426
Turbines 22678
Turf 1921 1958 2086 21042 21088 30241 39983 39997 40106 40118 48996 73997 90752 90890 *82433
care 1925 13316 13429 40098 55053 64396 65675
diseases 11782 11806 64396 64472 64527 72702 81271 89667
Europe 49115
fertilizers 13972
Gt Brit 2019 21064
Japan 40108
New Jersey 82347
pests 24738 60571
planting 82422
soils 58200 91321
Southeastern States 65735
weed control 21359 21368 21394 57989 66010 66029 74254 82579 82595 91015 91022 91088
See also Grasses; Lawns.
Turgor. See Plants, physiology.
Turin Stazione Chimico-Agraria Sperimentale *40484
Turkey Army Veterinary Serv 75822
Turkey Station Zootechnique de Caracabey *92376
Turkey cocks 24053 76900
anatomy and physiology *68041
and heredity 76693
care 42542
fertility 5132 15746 33143
growth 5310
Turkey eggs 24031 42761
hatchability 5168 15746 23793 33391 60217 84872
Turkey pox
vaccine 33281
Turkeys 24022 24048 33473 42744 51746 76895
advertising 27019 54807 87969 95362 95381
analysis and composition 45862
anatomy and physiology 5168 5326
Australia 5520 68158
bibliographies 93108

*Text of this reference is not in English.

Item

Turkeys--Cont.
breeding 5168 5196
15737 15739 15743 15755
23737 33150 33157 33170
42537 42567 51736 60044
67977 76693 76707 84758
93110 *5142 *67960 *67971
effects of feeding 15782
hybridization *33116
New York 15756
Virginia 5182 5195
breeds 15755 33137 60038
*60009
Beltsville Small White
5131 5164 15740 15757
23778 33171 36817
Bronze *92942
Broad-breasted 23736
23793 23824 23897 23941
33143 60007 92927
Empire White 33170
Jersey Buff 33120
broodiness 23994
carcasses 45862
care 5526 5538 15901
24037 24085 42597 42725
42790 42794 42815 51722
51736 51747 60223 68108
68116 76874 76894 76913
84967 93096 93110 93114
*5445 *42824 *60240 *76877
Australia 60253
California 23992
seasonal 5475
USSR *33484
Columbia River Basin 15883
consumer preferences 23778
36817
cooked
frozen 36801
consumption 26997
cookery 11035 38245
46974 55894
cooperatives 18674
California 9571
costs and returns 46470
63561 71627 88582 95416
California 27716
Mississippi 80357
Virginia 5182
cuts 26998 62975
diseases 23983 33326
42644 42676 42698 42720
76850 84921
Minnesota 51646
Texas 5296
dressed 27013 27044
87978
egg production 23793 42768
51715 84872
Midwestern States 24031
equipment 78386
farms and ranches 23845
33364
management 42611 42725
51709 51712 51736 76707
USSR *33377 *33395
feed relationships 76772
76773
feeding and nutrition 5220
5227 5228 5260 5265
15782 23808 23809 23836
23845 23855 23880 24085
33186 33230 33231 33238
33240 33342 42570 42606
42607 42611 51571 51577
51722 60084 60095 60104
60109 68019 76733 76762
76850 92952 92954 92959
*5238 *84811
pasture and range 48493
68032 68034
research 23843
seasonal 5475
USSR *33211
fertility 5168 23716
23737 23774 60044 84872

Item

Turkeys--Cont.
flavor and odor 36829
87978
flock size 33364
freezing 71055 87943
87978
frozen 27039 54778 79857
87939
genetics 23715 23780
grading and standardization
Texas 9546
growth 5132 23715 76772
76773
effects of feeding 23716
hatcheries
Missouri 5195 33443
68136
hatching 15731 68157
history 68102
housing 50056 61568
*94433
construction 78603
India 76927
industry 9576 15757
18695 33478 60248 63034
63236 67977 85000
Canada 45841 *95396
Georgia 15911
Gt Brit 26991 54589
Minnesota 71034
North Carolina 51713
South Carolina 33393
judging 23736
keeping quality 27013
losses 42752
marketing 18677 18691
18694 26997 26998 27027
54767 76913 79849 87969
95381
Canada 18688 *18683
*95396
Texas 9546
Western States 95379
meat production 5543
15911 33120 42815 60193
60248 76774 85000 93058
93114
Alabama 93073
effects of breeding 60038
effects of feeding 23882
42625 42626 45862 60093
79857
Gt Brit 84967
metabolism 79857
molting 24050 24053 76900
mortality 24085 60090
71627
packing 71054 71055 87961
parasites 60172 84889
93001 93036 *84893
pests 24809
poisoning 23895
prices 45868 *36772
processing 87980 95372
95395
products 95395
public relations 36766
quality 9546 27029 60038
87978
Canada *36772
Texas 9547 18701
records and testing 15743
Denmark *5142
Pennsylvania 33447
research 5526 76896
sanitation 60251
selection 23766 84758
shelters 68116
shows and sales
Denmark *5501
situation and outlook 9526
9544 15877 18684 23993
27046 36831 54813 54814
79879 95366
Brazil *27032

Item

Turkeys--Cont.
situation and outlook--cont.
Canada 45882
North Carolina 79844
Southeastern States 36802
slaughtering 27013
statistics 15877 45905
54810 79875 95416--95418
storage 27013
systems
battery 33179
colony and range 24032
24033 33467 51737
confinement 24032 61568
92959
taxation 27339
theft 93082
weight and measurement
23780 *68058
See also National Turkey Improvement Plan; Poults; names of anatomical parts, diseases, and parasites; and under Artificial insemination; Blood; Embryos; Semen; Sex.
Turkmenian Canal *56647
*58460 *58473 *58825 *73779
*78934 *82972 *91144
Turkmenskaía Veterinarnaía Opytnaía Stantsiía *32382
Turner F J 10460
Turneriola n g *16910
Turnip greens 36240
Turnip maggot. See Hylemya floralis.
Turnips
anatomy and physiology
*56847
contamination 36224
costs and returns 80351
culture 57836 74180 90923
*40198
Austria *1484
Germany *21256 *82078
Sweden *29754 *74134
diseases 56587 56610
64405 64547 72624 73274
*11967 *47628
feed *32220 *33689 *39566
*67305
fertilizers 66392 *21771
forage plant
Germany *48495
genetics
USSR *20245
history *29499
Japan *82529
marketing 79416 80351
pests 77878 *34289 *52476
seeds *2211 *39503 *49177
varieties *74134
weed control 74262
Turpentine 14958 75658
83644 *41578
analysis and composition
*14964 *32127 *67187
chemistry 92126
extraction *14964
Finland 50588
recovery 41527 67154
USSR *32121 *32126
Turraeanthus africana 22219
*24748
Tussilago farfara 11500
*65922
Tweedia *81006
Twig blight
citrus 72763
Twine 22657 *70414 *86265
2,4-D 2398 13539 13610
13617 13634 30505 30558
30584 30607 30609 39068
40265 40305 49241 49333
57932 57938 57949 65980
65988 66036 66039 74275
82564 90993 91029 91095

Item

2,4-D--Cont.
*2342 *2385 *21350 *21365
*30543 *30557 *40314 *47728
*57934 *65969 *74246 *82560
*82586 *82593 *91057
adjuvants 13567
application 2370 82559
chemistry 13531 13614
21377
derivatives 13597 73308
determination 7993 49317
57952
effects on barley 29246
effects on citrus *29249
effects on fruit 73271 *48061
effects on grain 64782
effects on grapes 20261
39030
effects on leaves 29225
effects on oranges 30006
effects on plant disease
560 11807 11812
effects on plants 834
846 921 1028 1410
2363 2369 12277 12335
12354 12388 12429 12439
12470 12489 20275 20281
20288 21371 29245 29276
29284 29380 30243 30525
39041 39057 39078 39088
39163 47923 47929 47958
48044 48108 48121 48129
48138 56804 56816 56818
56845 57925 64715 64818
65934 73089 73138 73215
73229 75576 81523 81540
81612 81747 81906 82594
89530 89541 89985 *801
*12435 *12495 *20021 *21574
*29347 *39069 *39167 *47974
*48010 *48011 *48045 *48078
*56868 *64747 *64800 *73109
*81607 *82554 *89947 *89964
*89971 *90026 *90047 *90048
effects on rice *81580
effects on seeds 30525
91056
effects on soils 82724 *91224
effects on sunflower *64754
effects on trees 14581
Germany *65932
herbicides 30550
hydrogen-ion concentration
20281
in soils 40473 74444 89982
*48078 *81699
legal aspects 30618
pre-emergence use 21398
radioactive tagging 29283
related compounds
effects on plants 56772
residues 13636 13817
*64789
tests 21389 21417
Union of South Africa 91054
USSR *66026
2, 4-D compounds 73148
2, 4-D sodium salts *29420
*30600
effects on plants *29370
France *13543
2, 4, 5-T. See Ammate.
2, 4, 5-TP. See 2, 4, 5-Trichlorophenoxypropionic acid.
Two-spotted lady beetle. See Adalia bipunctata.
Two-spotted spider mite. See Tetranychus bimaculatus.
Tybalmia 52421
Tychius 52460 *16641
Tylenchus dipsaci 38838
Tylenchus semipenetrans
38834
Tylocomnus *61126
Tyloderma fragariae 34213
Tyloglossa 89352
Tylos 6529 68608 68610

*Text of this reference is not in English.

Item
Tympanal organs 94107 *34598 *78130 *85971
Tympanites 15485 *76336
Typha 19842 47725
Typhloceras poppei *43907
Typhlocyba *24946
Typhlocybella 61037
Typhlocybinae 85884
Typhlodromus *77640
Typhlodromus longispinosus 60765
Typhonium giraldii 56274
Typhula
grasses *20011 *72774
Typhula trifolii *439
Typhus 17144 25121 77642
Typophorus *52404
Tyroglyphus farinae. See Acarus siro.
Tyrosinase 43849 56980 *81760
Tyrosine 73157 83733 87754 *7997 *54223
Tyrosol 25870
Tyrothricin
effects on cattle 76179 76224
Tyzzeria 68066 84864

U 46 *24604 *29301
Uapaca kirkiana 155
Udders
cattle 42126 76063 76309 76350 84355 *4778 *4781 *59779 *67658 *76310 *92487 *92656
anatomy and physiology 15409 42193 76245 76329 76390 *4613 *4621 *32701 *32784 *32810 *42154 *51217 *59475 *59476 *59732 *76326 *84307
bacteria *4683
care *4825 *59733 *92583
diseases 15420 51515 67694 76370 84333 *4638 *15466 *23290 *26153 *42210 *42951 *67650 *70115 *76255 *76402 *84397
diagnosis *23274
sanitation *4813 *23305 *32748 *59800 *67751 *92648
goats 68255 76390 76999
sheep 51845
swine *52005
Ueleana n g 52622
Uganda Dept of Agriculture 11215
Uganda Forest Dept 41071
Uganda Survey Land and Mines Dept 46439
Uganda Veterinary Dept 41901
Uitvoer-Contrôle-Bur *10978
Ukraine Ministerstvo Lesnogo Khozîaĭstva *75037
Ukrainskiĭ Nauchno-Issledovatel'skiĭ Institut Agrolesomelioratsii i Lesnogo Khozîaĭstva *40894
Ukrainskiĭ Nauchno-dovatel'skiĭ Institut Zhivotnovodstva *25229
Uladovo-Lîulinetskaîa Opytno-Selektsionnaîa Stantsiîa *74211
Ulcerative enteritis 33282 33283 42681 42682
Ulcers 59860 85246 *59691 *85255
Uleomyces wellmanii
Phoradendron 81104
Ulesanis 52365
Ulex 49304 74271 74325 74334 *81772
Ulex europaeus *48178
Uliditnae 60981

Item
Ulke T 61138
Ulmus 1901 19851 90902
Connecticut 30267 89632
diseases 28863 77287 81205 81299 81324 *81309
Canada 479
Connecticut 28890 56515 81304
control 47475 47578 89632
Illinois 28850
New Hampshire 11776
New Jersey 72746
Sweden *64468
injuries 33837
pests 33837 *43732
U S S R *94137
propagation 40045
pruning 38707
seeds
collecting *31690
planting
U S S R *31716
U S S R *50251
Ulmus americana 14455 58718 64217
Ulmus campestris *12353 *22335
Ulmus carpinifolia hoersholmiensis *90850
Ulmus fulva 58723
Ulmus glabra *3303
Ulmus montana. See Ulmus glabra.
Ulmus pumila *75325
Ulmus thomasi 67147 75570
Uloborus 85549
Uloborus walckenaeri *60760
Ulopidae *43689
Ulota drummondii *64255
Ulster Agricultural Organisation Society 10929
Ultraseptyle 5588
Ultrasonic vibrations. See Supersonic vibrations.
Ultraviolet ray *61718
diagnostic use 6221 56609
effects on bacteria *75844 *76846
effects on cattle 84477
effects on insects 6841 24801 24837 24874 43504 60917
effects on plants 979 20205 20363 20382 29206 48047 56981 64786 73134 73181 81622 81730 *832 *29244 *29303 *47943 *48191 *73293
effects on poultry 23892 *5434
effects on swine *60495
effects on viruses *41814 *41821 *41855 *41896
in egg industry 27017
in fiber analysis 62389 *36004
in food industry 61872 *53540 *53544 *61723 *69726
in meat industry *95294
in milling industry *62678
in sugar industry *88085
therapeutic use for livestock *67338
Ultuna (Sweden) Landtbruksinstitut Landtbruksskola och Egendom *10804
Ulva olivacea *28648
Umbelliferae. See Apiaceae.
Umbellularia californica 430 28976
Umbilical hernia 5077 32807
Umbilicariaceae *28677
Unaspis citri *94001
Uncaria grandifolia 47213
Uncinula necator *28967 *72765

Item
Uncinus n g *16939
Underwoodia 81116
Undulant fever. See Brucellosis, man.
Unemployment. See Employment.
Unemployment insurance *9865 *46135 *63269 *71267
Union Catholique des Cultivateurs *3204 *10896 *19398 *55797
Union Corporative des Résineux *32128
Union des Europäischen Kartoffelgrosshandels *54292
Union Nacional de Cooperativas del Campo *63808
Union of South Africa Chicory Control Board 45371 62550 87349
Union of South Africa Citrus Board 79357
Union of South Africa Controller and Auditor-General 18218 45245
Union of South Africa Dairy Industry Control Board 35790 53843
Union of South Africa Deciduous Fruit Board 18218
Union of South Africa Dept of Agriculture 55322 72155
Union of South Africa Dept of Forestry 50139
Union of South Africa Dried Fruit Board 62551
Union of South Africa Livestock and Meat Industries Control Board 9289
Union of South Africa Mealie Industry Control Board 62751 70763
Union of South Africa National Marketing Council 53465
Union of South Africa Potato Board 8749
Union of South Africa Tobacco Industry Control Board 63180
Union of South Africa Wheat Industry Control Board 54538 62752 79628
Union of South Africa Wool Disposals Organization 45245
U S S R Ministerstvo Lesnogo Khozîaĭstva *75080
Union Pacific Railroad Co 41419
Union Stock Yards Co of Omaha 45681
Union Stock Yards San Antonio 45699
Union Suisse des Paysans. See Schweizerischer Bauernverband.
United Farmers of New England 62127
United Fruit Co 10184 54195
United Kingdom-Dominion Wool Disposals 35983 38010 88962
United Merchandising Institute 45345 45355
United Nations 27809 *19235 *27792
United Nations Economic and Social Council *10457
United Nations Economic Commission for Latin America 55005
United Nations Scientific Conference on the Conservation and Utilization of Resources 88434
United Planters' Association of Southern India 82646
U S Air Force 4096 22946 25672 75882

Item
U S Army 6022 43266
Armed Forces Institute of Pathology 59266
Quartermaster Corps 69637
Quartermaster Food and Container Institute 17562 17576 19544 35313
Veterinary Corps 59340 67368
See also Armed forces; Veterans; and subhead armed forces under specific subjects.
U S Bur of Internal Revenue 9886
U S Bur of Land Management 37472 37549 55363 55512 71603
U S Bur of the Census
publications 69748
U S Congress 80143
House
Committee on Agriculture 11322
Committee to Investigate the Use of Chemicals in Food Products 6033 7531
Senate
Labor and Public Welfare Committee 37990
U S Dept of Agriculture 10534 10897 11287 19430 19463 38184 38665 44499 44521 70753 78322 78582 80161 81820 88850 88851 95769 *89479
activities 11182 36795 47017 55255 63742
Agricultural and Industrial Chemistry 25620 47028
Eastern Regional Research Laboratory
publications 38186 80743
Northern Regional Research Laboratory 9403
publications 53572 56004
publications 47027
regional laboratories 53437
Southern Regional Research Laboratory 11216 26377 26964 45750
publications 56001 89099
Western Regional Research Laboratory 25626
publications 38189
Agricultural Research Admin 56121 64098
Agricultural Research Center 11332 23108 *4370 *19621
Animal Industry 4115 32470 41902 83867
Animal Husbandry Div 95234
directories 15245
Meat Inspection 87781
Range Livestock Experiment Station 1452 59461 70073
Regional Poultry Research Laboratory 24080
Regional Swine Breeding Laboratory 77046
appropriations 47029 56002 72177
Budget and Finance 38183
Commodity Credit Corporation 3763 18889 22694 27263 27267 27290 27292 27299 37093 37127 44482 55042 78813 94613
Crop Reporting Board 69747 *62436
Dairy Industry 23469
publications 69974
directories 11182

*Text of this reference is not in English.

Item

U S Dept of Agriculture--Cont.
Entomology and Plant Quarantine 11313 43240
Peach Insect Station 43229
Experiment Stations 28371 80845
Extension Serv 28026 37812 37896 37898 46659 55006 71914 88800 96021 *46623 *71856 *88767
publications 72019
Farm Credit Admin 18868 37995 46125 55041 71257
Farm Security Admin 19140 19141 37068
Farmers Home Admin 9841 9842 9843 18888 27298 27911 37125 55030 78380 83100 88197 88199 95632 95633
Federal Crop Insurance Corporation 46144 71253
Foreign Agricultural Relations 11294
publications 17621
Forest Serv 22266 31458 31789 66798 75078
Bent Creek Experimental Forest 14534
California Forest and Range Experiment Station publications 50140 91630 91631
Central Ozarks Research Center 14399
Central States Forest Experiment Station 50141 91578
Crossett Experimental Forest 31577
Forest Products Laboratory 3674 14379 22644 50489 *14342 *22580
publications 22119 91579
Fraser Experimental Forest 91609
Institute of Forest Genetics 22118 *31353
Intermountain Forest and Range Experiment Station 50142
Jornada Experimental Range 38271
Lake States Forest Experiment Station
publications 31367 58674
Log Grade Committee 83576
Manitou Experimental Forest 91610
Northeastern Forest Experiment Station 50143
Northern Rocky Mountain Forest and Range Experiment Station 50144
Pacific Northwest Forest and Range Experiment Station 58676
Pringle Falls Experimental Forest 67049
San Dimas Experimental Forest 67012
Southeastern Forest Experiment Station 14326 14398 31578 58677 66829
Southern Forest Experiment Station 50102 66982
publications 22120 66781 66782
Tropical Forest Experiment Station 3250 91632
Wind River Experimental Forest 3286
Graduate School 19331 46731--46733 71913
Home Garden and Food Preservation Program 21300

Item

U S Dept of Agriculture--Cont.
Human Nutrition and Home Economics 28202 38113 38260
publications 96224
Information 28283 72178
Library 28032 88819
National Advisory Committee on Foot and Mouth Disease 83824
organization 11156 55998 80740
Personnel 28356 56095
Plant Industry Soils and Agricultural Engineering 11217 19738 19786 28467 29507 47199 47405 58564
Chico Plant Introduction Garden 47166
National Arboretum 30299
Plant Exploration and Introduction 45964
Regional Soybean Laboratory 48593 48594
Regional Vegetable Breeding Laboratory 21333
Southwestern Irrigation Field Station 2940
Weed Investigations Div 13592
policies and programs 9992 19020 45451 55155 71429 71934 74810 94513 95770
Production and Marketing Admin 35279 37474 61777 62154 88371 95733 95734
Cotton Br 94981
Food Distribution Br 17596
Market News Serv 17924
Naval Stores Market News Serv 75666
Poultry Br 79853 87919 87941
programs 78853
publications 37436 38157 53469
research 28370 72014 86560 96236
Rural Electrification Admin 7393 7396 7397 7405 7408 17515 17525 25544 25545 25567 35149 35167 44342 86481 86501
organization 61669
Secretary 80742
Judicial Officer 28284
Soil Conservation Serv 15242 20732 20735 21973 28026 29879 31230 40901 49978 58487 58488
Solicitor 28285 38185
U S Economic Cooperation Admin 10052 18858 22160 37440 38018 *27428
U S Food and Drug Admin 35293 35297 44517 61805 62705 62723
Canned Foods Br 61789
U S Institute of Inter-American Affairs 27491
U S Library of Congress 38061
U S Livestock Sanitary Association 41923 83837 83958 83965 83967 83968
U S Marine Corps 14395
U S Mutual Security Agency 63225 80021
U S National Forest Reservation Commission 41073
U S National Museum 43557
U S National Production Authority
Pulp Paper and Paperboard Div 50541
U S Navy 6592

Item

U S Off of Price Stabilization 9325 18562 26271 44957 62173 70176
U S President's Commission on Migratory Labor 63314
U S President's Water Resources Policy Commission 66571
U S Public Health Serv 23014 33930
Communicable Disease Center 6581 77921 85803
U S Reconstruction Finance Corporation 55042
U S Special Technical and Economic Mission to the Philippines 71476
U S Sugar Corporation 9688
U S Supreme Court 78770
U S Tennessee Valley Authority 6589 10606 14089 14365 17527 27909 63686 75038 *14175 *55611 *66504
bibliographies 27919
Div of Forestry Relations 22166
U S Weather Bur 81926
Universidad de Oriente 79962
Universidad Nacional de Cuyo *20817
Universidad Nacional de San Marcos
Facultad de Medicina Veterinaria *41841
Universities Federation for Animal Welfare 50962
Uphof J C T 72212
Upholstering 19676 47078
Uppsala Läns Hushallningssällskap *46891
Uracil 38898 48047 *89957
Uraecium 56327
Uralothemis n g *43145
Ural'skaîa Lesozashchitnaîa Stanîsiia *31402
Uranotaenia mattinglyi 43604
Uranotaenia unguiculata *85804
Uranothauma *34626
Uranyl nitrate 691
Urea 66684 *70988
effects on plants 13905 89833
feed 50717
fertilizers 3129 30902 49569 66342 *66282
in animal nutrition 50732 75812
in animal physiology 67396 *59359
in cattle nutrition 15382 32600 42037 42066 76189
in goat nutrition 42066
in ruminant nutrition 15112 59229 83738
in sheep nutrition 42930 42931 85077
toxicity
cattle 67686
Urea formaldehyde 13972
Urea nitrogen 74612
Urease 12563
Uredinales 28718 38550 56327 *11579 *19875 *19886
Uredo 275 56327
Ureides *56961
Uremia *92858
Urena lobata. See Cadillo.
Urethra 59703 67599
Urginea *11452
Uricacidemia 51635
Urinary calculi 41894
cats 4874
cattle 42209 42232 76387
chinchillas 59892

Item

Urinary calculi--Cont.
dogs 4874 4903 23492
horses 76658
minks 76596
Urinary organs *83884
dogs 67842 *4890
Urine *92288
analysis and composition 75851
cattle 76409 76351 76352 92649 *23342
dogs 4915 42377
fertilizers *66725 *74954
horses 92844 *84713
sheep 85096 *24176
See also Pregnant mares' urine.
Uroblaniulus 16480
Urochloa *11452
Uroctonus mordax 16253
Urocystis occulta
rye *522
Urocystis tritici
wheat 89661
Urodera *77758
Urodiaspis *93731
Uromyces 56327
Uromyces terebinthi 72552
Uromyces trifolii
clover 38734
Uronic acid 42949
Uropoda 52381
Ursolic acid *81765
Urtica *47886
Urticaceae *81663
Urticaria *68335
Uruguay Instituto Nacional de Colonización
Sección Suelos *40385
Uruguay Ministerio de Ganadería y Agricultura
Dirección de Ganadería *59288 *75954
Usingerella. See Cyrtopeltis (Usingerella).
Usingerina *34444
Usnea 282 *89463
Usnic acid 56979 *89485
Ustilaginales 263 726 1047 20449 *72526 *89469
Ustilagineae 28705 64306
Ustilaginoidea 72514
Ustilaginoidea virens *47342
rice *28884 *38738 *47534
Ustilago 263 *4642 *56469
Ustilago avenae
oats *471
Ustilago bullata 56536
Ustilago decipiens *89605
Ustilago hordei
barley *72663
Ustilago maydis. See Ustilago zeae.
Ustilago nuda hordei
barley *89618
Ustilago poae-nemoralis *19890
Ustilago scitaminea
sugarcane *19964
Ustilago tritici
wheat *89618
Ustilago turcomanica 56333
Ustilago zeae 12347 *64494 *64871
biochemistry 39263
corn 64501 *11793 *11830 *11907
Ustulina maxima
Hevea *47598
Utah Academy of Sciences Arts and Letters 19626
Utah Agricultural Experiment Station 5643 42892
publications 11220
Utah Poultry and Farmers' Cooperative 87927 87963

*Text of this reference is not in English.

Item

Utah State Agricultural College 19387 37820 68206
Institute of Cooperation 10917
Utah State Canning Crops Association 45334 62513
Uterine hernia 76520 *5070 *23312 *92743
Uterine prolapse 42343 51831 *4570 *15200 *50874 *50891
Uterine torsion 4537 15498 23353 42251 59718 *23653
Uterus *50914 *75948
cattle 51216 59656 67608 76050 76274 76296 *92635
abnormalities *51193
diseases 23327 84112 *4723 *51267 *84350 *92637
horses 67901 *23592
rabbits 85023
ruminants 4048
sheep 24150 *24153
Utility rooms 44288
Utricularia 72430
Uvariopsis *80957
Uvularia 47286

Vacations *37216 *46192 *55084 *71319 *80087
Vaccaria grandiflora *20289
Vaccination *4153 *22913 *50861
Vaccines 5343 23926 42204 67682 *15139 *50830 *75844
See also Immunization; names of vaccines; and under names of diseases and organisms.
Vaccinia. See Cow pox.
Vaccinium. See Blueberries.
Vaccinium vitis-idaea minus 13300
Vacreators 17985 35828 *8190 *44994
Vacuum 53418
Vadimon 85870 *68864
Vadugol *4027
Vaeva 64222
Vagina 42177 76355 *4079 *15453 *41799
Vaginal prolapse 4732 15462 84296 93166 *51268 *83904
Vaginitis 4707 23495 84318 *51474 *67683
Vagotonin *67917
Valeriana 38464 47258 *49617
Valeriana officinalis 64224 *47673
Valgothrombium *6337 *85548
Vallée's disease. See Equine infectious anemia.
Valleevue Test Garden 57796
Vallota speciosa *13340
Valonia ventricosa 12169
Valves 53357
Van Riebeeck J 56141 62981 64033
Van Riebeeck Festival 80485
Van Slyke-Folch method 61717
Vanaden *22921
Vanadium 1020
Vanaspati 11146 26967 70963 70994 72130
Vancide 51 38565
Vanda 16685 39950 48982 82384 90841
anatomy and physiology 73034
culture 39938 39992
diseases 604 56612 72891 81225
hybrids 13288 *30261
transportation 18831
varieties 40037 *1903 *30283
Vanda joaquimiae 34708
Vanda tessellata 89359

Item

Vander A. See Vanderput A. A.
Vanemdenia n g *6556
Vanessa cardui 61155 61231 *94115
Vanessa urticae *68959
Vanilla 7716 *2418 *13708 *25825 *35526 *49374 *49375 *61923 *69812
analysis and composition 69794
culture
Philippines 2444
diseases *81191
history 61956
pests *81191
processing *61923
substitutes 94637 *25825
utilization *69812
Vanilla pilifera 38444
Vanillin 69794 *61924
Vanin S I *47064
Vanselow K Was Leisten die Einzelnen Baumklassen an Massenzuwachs *31597
Vanturia inaequalis
apples *64449
Vargasiella n g 64216
Varnishes. See Paints and varnishes.
Vasates 52372 52388 77236
Vasates cornutus 52340 93732
Vasates destructor *300
Vaseline 12907
Vasil'ev V F *47049
Västmanlands Läns Hushallningssällskap *96073
Vatinius 85870
Vatovaea n g *115
Vaucheria *64277
Vaucheria longicaulis 81035
Vaucheriaceae 11444
Veal 10422 19186 23438 26785 67746 *26849 *67577 *70849
Vegetable Growers Association of America 49230
Vegetable milk *78957
Vegetable weevil. See Listroderes costirostris obliquus.
Vegetables 8633
acreage and area 26633
Connecticut *45467
Germany *26627 *36307 *45479 *49236
Gt Brit 45466
New York 79535
advertising 54298 70559 79389
analysis and composition 70544 95045 95047 *45310 *79371 *87371
anatomy and physiology 39083 47876 73202 73224 73255 *64851 *81718
Australia 1615
bacteria 8912 *18291
bibliographies 36296
biochemistry *12553 *29469 *39241
blanching 45307 *8894
breeding 21333 48704
Germany *40209
Gt Brit 21243
Italy *48674
Netherlands *39687 *49131
canned
marketing 45340
purchasing 36206 45356 45357
spoilage *36237
statistics 36305 54415 87498
canning 8832 45451 54346 87472 *62599 *87476

Item

Vegetables--Cont.
canning--cont.
Denmark *79482
home 79512 94589 95135
care and handling 26559 54373 54380 66587 70641
equipment 18321
chemistry 26488 28212 87369 *54397
cleaning 45409 87511
equipment 18306 87507
conferences and congresses
U S S R *62463
consumer preferences 18242 54243
consumption 54242
Denmark *18238
Germany *87379
Netherlands *36173 *79382
Switzerland *87377
containers 8791 45390 79391 87451
contamination 26542 36162 54308 61792 70544 95075
cookery 19523 38076 80662 *19578 *63891
cooling 54360 54384 79490 87506 95113 95114 *8858
equipment 54362
cooperatives 45336 54244 62513 *8739
Austria *70569
Belgium *18277
California 26505 45349
Germany *36197
Gt Brit 36203
India 26524
Utah 45334
Virginia 87311
costs and returns
Florida 46505
Gt Brit 55464
Mississippi 55460
culture 2180 2205 2218 2267 2273 2285 2850 13514 21228 21242 21262 21265 21268 21324 26609 29313 30403 30471 30472 40169 40178 49147 49178 49214 49226 65831 65858 65911 69432 74164 74200 *2193 *2268 *2271 *2322 *13442 *13501 *13503 *49183 *65822 *65867
Alaska 13441 13447
Algeria *49140 *90950
Arctic region 58218
Argentina *65883
Arkansas 65816
Australia 2236 12905 21290 90533
Austria *30463 *40224
Belgium *2303
Canada *73749
Connecticut 2203
Denmark *57812 *57887
El Salvador *90916
Finland *13479
Florida 21247 90517
France *1548
Germany *21277 *21623 *30437 *30439 *37674 *40181 *40335 *49236 *71529 *82498 *90942
Gt Brit 2272 2294 13445 21241 21270 21309 48655 57858 74155 *2259 *65838 *65886
home raising 13477 21300 30429 40175 40180 40230 49206 57867 74167
Illinois 40197
India 90968
Israel *2167 *21238 *65830 *90933
Italy *30420 *40217 *57869

Item

Vegetables--Cont.
culture--cont.
Japan *13487 *21288 *30454 *30457 *49215 *74292 *90935
Louisiana 65868
Minnesota 90983
Mississippi 55460
Morocco *29897 *50003
Netherlands *30407 *90930
New Jersey 13468 13484
New Mexico 30431
New Zealand 2257 21287 74150
Norway *2249
Philippines 2179 13459
Rumania *21244
Sweden *21828 *30466 *40172 *57862 *74151
Tennessee 40225
Union of South Africa 74213
U S S R *2243 *2293 *2305 *2306 *13515 *30438 *30473 *49170 *49231 *57807 *57842 *57844 *57852 *57899 *74156 *74160 *74175 *74214 *74220 *74232 *90941 *90969
Yugoslavia *82490
directories 36104 36295 70611 87514 *8620
diseases 511 11768 38632 38833 *831 *47921 *72608 *89670 *90950
control 20066 28756 28824 38577 52049 64350 81195 89557 *56626
Norway *313 *43173
U S S R *38714
Ireland 38601
Netherlands *65839
Norway *39153
Sweden *56869
dried 8678 8769 70537 79362
drying 18333 25367 26619 *8914 *8875 *79492
enzymes 45307
equipment 17247 *52921 *94296
Gt Brit 52972
Netherlands *61420
U S S R *17310 *25251 *78427 *94245 *94252 *94269
feed *83731
fertilizers 2573 2706 2850 3000 14308 21744 31032 39083 40197 49561 49692 49709 49754 57858 58346 74612 74666 82890 *2791 *14289 *40669 *91225 *91333 *91346
Gt Brit 21791
New Jersey 49731
New York 49784
Norway *13889 *40598
Pennsylvania 49714
Sweden *21828
U S S R *40732 *58369 *58607
Florida 39083
for canning 13467 26609 31013 45369 49692
for drying 54380
for freezing 39675 39697 40154 45417 54361
for processing 8930 21231 40287 45334 49175 49245 54369 57487 58346 70632 79449
forcing *49203 *90963
freezing 8894 36280 54370 62588 62640 *18318 *54388 *62609 *79469 *95124
home 18346 18349 95136
frozen 54387
analysis and composition 70528

*Text of this reference is not in English.

Item

Vegetables--Cont.
frozen--cont.
bacteria 54370
discoloration 70651
statistics *62627
storage 8866 45307
Germany 20513 *12648
grading and standardization 8776 79442 79455 *8775
equipment 62557 95063 95064
Germany *26539
Gt Brit 21305 21332 73370 90922
hardiness 2183
harvesting 49175 49226 *21294
icing 8747
in art 47160
industry
Arizona 8611
Canada *70502
Denmark *29878
Germany *8636 *36133 *70513 *79358 *95025 *95038
Gt Brit 45275 82130
Massachusetts 8644
Ohio 45290
Texas 87322
Union of South Africa 62480 *26466
injuries 11657
irrigation 3000 21843 66587
Alabama 66586
Connecticut 49891
Florida 91433
Mississippi 40781
Southern States 83035
U S S R *14100 *91542
Venezuela *21876
Italy *73711
juices 95142 *79348 *89066
keeping quality 45350
labor 46505 *62526
marketing 8688 8704 8734 26532 26609 36200 36219 45328 45333 45335 45337 45345 45348 45350 45351 45355 45359 45367 54242 54248 54274 54294 62537 62546 62547 70583 79410 79420 87400 95051 *54249 *87393
associations *70558
Australia 8714— 8716 8755 87395
Belgium *18278
California 8737
Canada 8697 54263
conferences and congresses 45372 *8696
Connecticut 45323
costs 87423
Europe *70558 *70564
Florida 87418
France *8730 *8738 *18291
Germany *8751 *62532 *79403 *87402 *87405 *87406 *95055 *95057
Gt Brit 8699 8712 8910 79408 *18265
Illinois 79422
Japan *62548
Minnesota 26520
Netherlands *8727 *26501 *36204 *54265 *62526
New York 87399
North Africa *8696 *70575
North Carolina 62505 62515
Southeastern States 79392 87429
statistics 70560
Texas 36214 62538
Tunisia *87390

Item

Vegetables--Cont.
marketing--cont.
Union of South Africa 87395
microorganisms 8912 *8730
Netherlands *21319
New Jersey 13498
New Zealand 90504
nutritive value 11092 11105 11135 11140 62533 62547 63944 73255 74497 *11114 *11121 *28224 *38128 *82743
Ceylon 11112
Norway *19586 *47008
Oklahoma 74191
packing 8784 8785 8789 8790 8794 8801 26559 26560 45399 70614 79458 87450 87455 87460 *8797
California 87459 87461
Canada 8798
France *8738
Germany *26539 *45400
Gt Brit 62570
New York 95086
North Africa *72052
peeling 26613 45446
pests 6908 24761 30408 34471 52442 78060 *16850 *34491 *90950
control 3109 24419 28756 28824 38577 43204 52049 52121 52141 52145 60580 60604 60618 64350 68432 81195 85369 85387 85400 85410 *5971 *5999 *89557 *93369 *93760
Australia 43215
Canada 60577
Denmark *329
Germany
Russian Zone *43217
Norway *313 *16189 *43173
U S S R *5968 *6879
Ireland 38601
Italy *85420
planting 49207 57858 57875 57901 *1612 *2316 *90934
Australia 65891
Canada 57840
equipment 78436
Norway *13516 *13517 *40247 *40248
Philippines 29603
Puerto Rico *40226
U S S R *57847 *57906 *90978
policies and programs *18188 *18189 *62456 *95034
preservation 8912 86634 95133 *62609 *78831 *87477
prices 18301 26633 62576 79466 79535 95100
Canada 36250 94584
control 79466
Germany *95094 *95097
Gt Brit 45409
Italy *45402
Norway *8805
processed
analysis and composition 70536
grading and standardization 45391 79453 95080
marketing 62528
quality 45452 54327 87441
regulation and inspection 36295
vitamins 95112
processing 26559 45399 45452 54248 54355 54400 70626 79369 79392 79476 *36263 *62599 *87476

Item

Vegetables--Cont.
processing--cont.
Canada 45404
equipment 79479
Gt Brit 95106
India 45450
Morocco *18344
Pakistan 45434
sanitation 79496
Sweden *62578
production goals 36139
propagation 49192 65286 *39241
proteins 11113
public relations 45364
purchasing 54243 61785 70557
quality 18242 36221 45351 62533 62547 70602 79449
Netherlands *55856 *80625
refrigeration *45438 *54397
Algeria *18332 *26596 *54383
equipment 61665
regulation and inspection 79440 79442
Germany *10940 *87445
Italy *55814
research 21249 40244
seeds 9641 21231 21243 21314 27073 36862 45955 49136 57879 65849 65904 *2222 *2275 *21257 *74206
Australia 13464 13465
directories 9629
Germany *40214
Gt Brit 1093 73371
India 13518
Netherlands *40223 *80640
New Zealand 20010
Norway *54861
statistics 71108 95477
storage
U S S R *54860
Sweden *57862
treatment 470 81201 *11854 *72643
U S S R *2178 *2186 *9643 *40163 *57896 *57906 *65854
shows 1573 8654 49160 74173 *65854
Austria *1611
Israel *13483
Italy *36112 *95027
situation and outlook 26462 54209 70674
Germany *21284 *54204 *62476 *70507 *70508 *79336 *79385 *87379
Gt Brit 18209
U S S R *79345
soils 13832 14203 31013 31032 31061 31177 31178 49432 49648 50018
Australia 2764 48127
U S S R *49834 *57852
spoilage 95077
spraying and dusting 1021 56386 77295 77643
costs *28735
Netherlands *25398
statistics 8930 18354 26633 62658 70674 79535 95151
Australia 45465 62649 87528
Denmark *70681
Germany *8925 *8927 *8931 *26626 *62651 *62661 *79537 *87523 *95145
Russian Zone *45472
Norway *95148
storage 8769 26609 36285 54380 54384 62641 87510 *8830 *45435 *54364
Alaska 18310

Item

Vegetables--Cont.
storage--cont.
cold *62631 *70653 *79499 *79509 *87500
diseases 26607
equipment *79492
gas *8891
Germany *45436
Gt Brit 8910
home 8877
India 70664
Israel *79509
Norway *18327
sanitation *36292
temperature 8719
trade *96093
Algeria *80619
Belgium *19475 *96081
Denmark *19504
France *72052
Germany *10940 *10966 *10985 *72051 *96094
Gt Brit *19467
Israel *19479
Italy *55814 *55823 *55835 *63854
Netherlands *55856 *80625 *80627
North Africa *72052
Spain *10966
North Africa *11000 *13854
Portugal *63847
Tunisia *87390
transportation 8719 8747 26560 45363 45368 45375 45463 62533 79402 79412 *8858
by aircraft 8756 26509 54256 79390
Netherlands 87320
by railroad *8731 *95055
by truck 79384
Australia 54272
costs 87423
Gt Brit 36211
Sweden *79414
Texas 8713
utilization
Denmark *62499
varieties 21258 29890 30395 30408 30453 39676 39691 40218 40234 40237 40253 4541 49156 49163 49182 49237 65856 79410 82521 90952 90982 *40221 *57861 *74195 *90981
Argentina *48651
Denmark *40158 *49154
Germany *2246 *13497 *49167 *74187
Gt Brit 21296 30455 57811 74201
Maryland 40154
Minnesota 49227
Netherlands *13521 *39687 *49205
Oregon 57827
Pennsylvania 74189
Philippines 82516
Rhode Island 21274
South Dakota 49220
Sweden *2247 *2364 *90938 *90949
Tropics *57892
Tunisia *30456
vitamins 28212 *87371
Brazil *11128
India 80687
waste 31295
weed control 3109 29204 30601 30615 30623 40287 40292 49245 49318 57967 57977 74242 *65942
Israel *74296
Norway *2376
U S S R *13611

*Text of this reference is not in English.

Item

Vegetables--Cont.
yields
Germany 79535
Russian Zone *45472
U S S R *57872 *57905 *58131
See also Greenhouses, vegetables; Greens, edible; Root crops; Salad plants; names of vegetables; and under 4-H Clubs.
Vegetation 7418 38341 47197 64113 74877 *28451 *80862 *82680
Algeria *89247
Alpine Region *72289
Australia 28411 38363 38398 74866 80866
Austria *47183
Brazil *28443
British East Africa 38342
California 89246
Canada *38350
Cuba *50
France *24 *40 *28423 *89205
French Cameroons *6559
French Guiana *11352
Germany *7 *11383 *58180 *72278 *91416
Gt Brit 19751 19771 80880 *43
history
Italy *80899
Indochina *82760
Ireland 16134
Italy *80870
Japan *29410 *47189
Madagascar *47
Magdalen Islands *89214
maps 38396 72263 72947 *58840
Argentina *36
Austria *66574
California 75200
France *38369
French West Africa *72310
Germany *75248
Mediterranean Region *64601
Netherlands *11430 *72307
Maritime Alps 38364
Mexico
Yucatan *19049
Morocco *28444 *80897
mountain areas
Germany *56156
Netherlands *11355 *11421 *11423 *19735 *38362 *64159 *80849
New York 64141 89225
New Zealand 72 11400 19790 56162
Great Island 66917
North America 28462
Northeastern States 21074
Northern Prairie States 28412
Norway *98
Peru *64161
San Benito Islands 38374
South Dakota 32633
Sudan *66228
Sweden 11349 81597 *11397
Switzerland *3 *19764
Tanganyika 38385
Turkey *20149
Union of South Africa 19789
U S S R *28 *19760 *19774 *19792 *20129 *28503 *38868 *47141 *49380 *66094 *89210 *89230 *89240
Venezuela *3005
Washington 11368 11394
West Indies 72327
Wisconsin 28526

Vegetation--Cont. Item
See also Flora; Plants, ecology; and under Photography, aerial.
Vehicles *69313
Austria *86366
Canada 25176
Denmark *61544
Germany *53192 *53193 *69342 *69347
Iceland *17411
Italy *7243
Spain *61514
Sweden *44204 *78542
Union of South Africa 78568
wood 75709
Veins 51392 76392 *16094 *76663
Veld 29713 39553 48551 51808 92204
Velia 24919 24924 43646 61051
Veliidae 61051
Velloso Flora fluminensis *47288
Velsicol 1068. See Chlordane.
Velvetbeans 39034 54961 74645 *11126 *67578
Velvet bentgrass. See Agrostis canina.
Velvet mesquite. See Prosopis velutina.
Vending machines 17926 44868 53814 53825 62101 62109 62110 62130–62132 70046 79069 79428 86949 86975 87427
Veneers 3658 3666 14859 14880 31602 41476 41477 41651 58898 83592
Australia 41475
Austria 67130
Canada 59034
core stock 67142 67192 67193 75551
defects 83684
drying 22555 75559 *92001
equipment 14868 22614 22615 22616 22618 41486 41488 50510 59022 59038 67135 67136 75553 75555 75558 75559 75566 92064 *50511 *50512 *92077
fireproofing *75496
France *50515 *83590 *92076
gluing *75564 *75565 *83584
grading and standardization 41491
industry 14879 22624 *92057 *92065
manufacture 3663–3665 3668 3672 14864 14876 22614–22618 32051 41490 59022 75558
France *22622
Germany *59033
materials 59034
France *67140
moisture 14871
properties 3804 22619 *50637
quality 22508 22571
seasoning 41489 50506 50510 59023 67136 *58958 *59029 *75479 *75481
utilization 3775 41467 59046 75552 83596
waste 3775
Yugoslavia *41492
See also Plywood.
Venereal diseases 15393 84318 *23503 *32929
Venesection 59644
Venison 42378
Ventral hernia *60368
Venturia *56507

Item
Venturia inaequalis 52779 *38765
apples 20022 89612 89626 89634 *418 *513 *11859 *38659 *38676 *38727 *64523 *81218 *89611
fruit *16234
Malus 47577
Venturia pirina 11799 28897 89612 *38681 *81218 *89611
Veratrum 73035 *30643 *85724
Verband der Landwirtschaftskammern *88729
Verband Deutscher Eier-Importeure *38059
Verband Deutscher Landwirtschaftlicher Untersuchungs- und Forschungsanstalten *96242
Verband Ländlicher Genossenschaften Hannover-Braunschweig *88891
Verband Ostschweizerischer Landwirtschaftlicher Genossenschaften *55802 *80553
Verband Schwarzbunte Schleswig Holsteiner *32553
Verband Schweizerischer Konsumvereine *80588
Verbascum 80954
Verbascum blattarioides *47301
Verbena 76300
Verbenaceae 148 47259 89855 *70922
Vereeniging voor den Katoenhandel *54171
Verein Deutsch-Schweizerische Bienenfreunde *6219 *18906 *36465 *52248 *52264 *77451 *77452 *93626
Vereinigung Deutscher Wasser- und Bodenverbände *10895
Vereinigung Schweizerischer Versuchs- und Vermittlungsstellen für Saatkartoffeln *45966
Verga G *71432
Verkhne-Donskaîa Lesozashchitnaîa Stanſsiîa *31391
Vermiculite 1984 2267 66102 82141 *65547
Verminosis 67333 93500 *24873 *59315
cattle 42192 77003 *26849
Australia 32763
treatment 59699
conferences and congresses
U S S R *22883
control
U S S R *41913
dogs 32920 84526 *32927
Algeria *84503 *84504
control 84530 *92767
Indonesia *92748
treatment 4904 4917 32930 84509 *4902 *23511 *23516 *59862
ducks 5348
goats 42942 77003 *51829
treatment 59699
horses *42459
control 76660
treatment *5058
Morocco *22943
poultry 5365 23912 42717 93040 *76808 *93035
control *42646
treatment *68065
sheep 76991 77003 85123 *5672 *51829
control 16019
Gt Brit 42961
treatment 59699

Item
Verminosis--Cont.
swine 93255 *16103
control 24312
Norway *33719
treatment 43083 *43071
treatment *32313 *59310
U S S R *4098 *32373
Verminous bronchitis. See Lungworms.
Vermiplex 76536
Vermipsylla alacurt *61301
Vermont Agricultural Experiment Station
publications 11221
Vermont Farm Bur 10871
Vermont Industrial Agricultural Commission 7448
Vermont University College of Agriculture Agricultural Extension Serv
publications 11221
Vermouth 17750 86766 *7812 *25791 *53627 *53639 *69839 *80604 *94665
Veromessor 85923
Veronica 72440 82469 *80944
Veronica filiformis *73024
Verrucaria 11604 89467
Vertebrae 15596 76532 76651 *23359 *93168
Verticicladium 11593
Verticillium
apricot 494 72619
Chrysanthemum *47555
cotton 47535 56527 64526 72792
Geranium 38761
gooseberry 494
hops 443
mushrooms 81292
peppers *64416
potatoes 28895 28896 89575
strawberries 444 494 11752 38769
tomatoes 494 11905 72709
toxins 90105
Verticillium albo-atrum *12547 *20015
anatomy and physiology 12356
cotton *38648 *47548 *81235
in soils 2625 3107 13805
Verticillium dahliae
chicory *508
cotton *28847
Verticillium sphaerosporum 607
Veshkaîmskaîa Mashinno-Traktornaîa Stanſsiîa *38311
Vesicular exanthema
swine 93239 93245 93273 93275
Vesicular stomatitis *3987 *15165 *83812 *92263
diagnosis 4006
immunization *15164
virus *4131 *15164 *15165
Vespa crabro *6743 *16897 *34512 *61141 *61206
Vespa germanica 52737 *52715 *94042
Vespa media *78051
Vespa saxonica *61141 *78051
Vespa vulgaris *25023
Vespidae 61118 61119 78018 *52694 *52695
Vespinitocris *6420
Vespula germanica 6731
Vespula sylvestris 85894
Vetch 65108 82836 *38476
anatomy and physiology *81428
biochemistry 12524
culture *57078 *65150 *90416 *90379
diseases
France *19969

*Text of this reference is not in English.

Item

Vetch--Cont.
diseases--cont.
Israel *11881
fertilizers *57078
genetics
U S S R *56727
irrigation *58407
Israel *1108 *57276
pests 34234
seeds
U S S R *20699
toxicity 76337
U S S R *48432 *82049
varieties 65108 *29761 *29762
France *81994
weed control
Israel *74245
Vetch bruchid. See Bruchus brachialis.
Veterans
credit 27296
education and training 10797 27940 27983 46621 63716 71808 78649 80460 80490
Indiana 28041
Minnesota 10382 10404 10405
farming 71808
Canada 10242
Texas 19089
land settlement 37640
Oregon 37522
Veterinarians 3970 4020 4039 4077 4115 15154 25672 41790 41818 41830 41902 55059 75819 75936 75946 92350 *75860
and civilian defense 41787 59386 67421 92248
armed forces 4139 67368
Colombia *22944
conferences and congresses 3860
directories 15916
Belgium *83814
California 67342
Gt Brit 4162
Wisconsin 59402
education and training 67345 83987
Germany *4176
Indonesia *32377
Europe *75917
France *3862
Germany *4078 *22969 *59367 *83698 *83855
Gt Brit 75927
Italy *9296 *22888 *75924 *83910 *83918 *83930
Netherlands *3977
occupational diseases 22905 32362 77000 *22992 *27321 *59347 *59367 *83955
Philippines 4023 4046
Yugoslavia *92298
Veterinary medicine 4873 4880 4889 15212 22962 22963 23019 23624 32326 32339 32403 41790 59361 67407 75913 92270 *3988 *4030 *4097 *4150 *4214 *15155 *22920 *22956 *23038 *24162 *32401 *41878 *59290 *67382 *67383 *75845 *75879 *75905 *92282
Alabama 51470
armed forces 59340 75882 *3991
Australia 4084 92295
as an occupation 15171 *39695
associations 75911 *4144 *4171 *4184
Bechuanaland 22895
bibliographies *32391
Poland *83902

Item

Veterinary medicine--Cont.
British East Africa 41805
Bulgaria *23018
California 67342
Canada 15194 22911
Colombia *4090 *15149
conferences and congresses 41863 50909 *22903 *22981 *32342 *41867 *41876 *41877 *50851
France *15204
Germany *4078
Gt Brit 32371
India 50934
Ireland 32371
U S S R *32370 *32395 *50885 *67393 *67408 *83988 *92345
Denmark *15153
diagnostic methods *41843 *59326 *59398 *75862 *92288
dictionaries *15182 *92344
drugs 3968 3985 4017 4025 4128 4148 4158 5352 32298 32404 33349 36604 41882 68060 75842 83835 83840 83938 83959 *15151 *15179 *15188 *15210 *32310 *32318 *32351 *32432 *32433 *50819 *59375 *68085 *75826 *75828 *92291 *92343
administration 5699 92649
Australia 50822
Austria *23641
France *50868 *92242
Germany *3985 *4921 *22921 *51497 *67680
regulation and inspection 14275
Switzerland *67353
U S S R *4102
equipment 5699 15462 32416 32694 41784 42135 51408 75864 84303 93007 *3994 *15157 *16089 *22912 *22931 *32335 *33066 *43057 *51414 *67807 *68237 *93246
Austria *22967
Germany *84687
U S S R *59330 *67363 *69204
Europe 32307 67390
France *32394 *33714
French Guiana *59322
Germany *4174 *5662 *32401 *32429 *50813 *67902 *75872 *75910
Gold Coast 83860
Gt Brit 4038 82771
history 32327 75913
France 92311
Spain *50912 *67354
Union of South Africa 59302
U S S R *4110 *67366
Hungary *92301
Iceland *22907
Illinois 50806
in art *59282
India 22887 75831 83819
Indonesia *92317
Isle of Man 4085
Israel *41890 *83854
Italy *3979 *3993 *41849 *50810
legal aspects
France *75896
Gt Brit 92286
legislation
Germany *32333
Gt Brit 67419
U S S R *32311
Malaya 83895
Netherlands *4032 *4205 *5051 *59396
New Zealand 32427 67377
Northern Rhodesia 32375
Norway *4141

Item

Veterinary medicine--Cont.
Nyasaland 4143
Philippines 4023 4046
Poland *22892 *23650 *32428
policies and programs 3972
U S S R *32299
practice 4210 23336 32751 41802 42694 50841 50856 50897 51383 51498 51825 59313 67905 75838 75848 75863 75937 83705 83842 84679 92180 92245 92280 92987 *4138 *4206 *59324 *67402 *75860 *75934 *92310 *92995
Canada 50892
France *15147
Germany *75826
Indiana 15835
Texas 42965
U S S R *4105 *22980 *50920 *59362
public health aspects 4012 4020 4075 4139 4217 5329 8105 15168 15170 22946 22961 23014 23029 25672 41787 59259 59370 75867 83817 83848 83871 83874 *4176 *9301 *9313 *18551 *18561 *36611 *75902
California 4021
Canada 83864
Canal Zone 4092
Florida 4185
Germany *9309 *32734 *36608 *92259
Israel *83940
Italy *54645 *70112
Nigeria 87047
Poland *32431
Tropics 4190
research 22961 67345 83980 *15135
Australia 15142 22939
U S S R *4126 *22891
services 4096 68052
Italy *59368
Norway 32410
Poland *22935
Sweden *50905
U S S R *4063 *4101 *4107 *4177 *23003 *32364 *32379 *32381 *32406 *32418 *32434 *41838 *41889 *50834 *59353 *67410
Sicily *32407
Southern Rhodesia 83945
Spain *75929
statistics
Germany *4029
study and teaching 3970 3998 4003 4012 4016 4070 4083 4104 4114 4117 4146 4163 4165 4194 22885 83841 *59393 *75904 *75918 *92357
Australia 15130 15208
Brazil *10824
Georgia 15177
history 3973
India 75901
New York 92326
Pakistan 92318
Peru *41841
Spain *5805
Switzerland *76656
U S S R *4220
surgery 3989 4072 15138 15605 22902 41779 41905 50893 59397 83919 83984 92339 92732 *4030 *23025 *50914 *51164 *59295 *67378 *67415 *75841 *75903 *75922 *83904
equipment 75959 *67378
U S S R *32707 *41812

Item

Veterinary medicine--Cont.
Sweden *4108 *4192
Switzerland *67913
technique 4081 4113 4863 15346 15610 24096 41786 59318 59329 67404 83689 92272 *4015 *22994 *23016 *28318 *32353 *33593 *41799 *42692 *50844 *50906 *50930 *67622 *76029 *76242 *83916 *92635
Germany *59319
U S S R *42471 *92293
terminology *67250 *83846
U S S R *4105 *4195 *4219 *32321 *32351 *32359 *32385 *32409 *33359 *50880 *67369
See also Anesthesia; Autopsies; Hospitals, veterinary; Immunization; Injections; Obstetrics; Ointment; Photography, veterinary medicine; Sutures; names of diseases, drugs, operations, and organisms; and subheads diseases; parasites; surgery under names of animals.
Veterinary pharmacology. See Veterinary medicine, drugs.
Vetiver oil *26983
Vetiveria 74344
Vetiveria zizanioides 41507
Vevoron *42102 *51150 *84231
Vialovskiĭ Gosudarstvennyĭ Zapovednik *34281
Vianaeta *52404
Vibrio fetus *75996
cattle 4260 4714 15431 32705 51185 59660 59705 59727 84384 *59607 *59678 *67593 *92621 *92641
goats 68263
Vibrion septique. See Clostridium septicum.
Vibrionic abortion
cattle 15396 51186 51248
sheep 42959 51248
Vibrionic dysentery 15395 32687 83986
Vibrissomyia *77831
Viburnum 11489 13230 19823 48987
Viburnum fragrans 30181
Viburnum lobophyllum 56275
Vicara fiber 35966 79330 *26415
Vicia. See Vetch.
Vicia nipponica *72392
Vicia villosa. See Hairy vetch.
Victoria cruziana 48123 65724 *30291
Victoria Dept of Agriculture
Live Stock Div 4229
State Research Farm 73381
Victoria Dried Fruits Board 87517
Victoria Forests Commission 14400
Victoria regia *48953 *81608 *90833
Viegasia n g 28665
Vienna Bundesanstalt für Bienenkunde *34106
Vienna Bundesanstalt für Pflanzenbau und Samenprüfung *36868
Vienna Hochschule für Bodenkultur
Forstwirte-Verein *22132
Vienna Versuchsstation für das Gärungsgewerbe 69866
Vigna. See Cowpea.
Vignalia n g *6736
Vik K *11246 *28297
Vilain J J P XIII *92274
Vilenskiĭ D G *2632

*Text of this reference is not in English.

Item

Vil'iams V R 56923 *40383 *48227 *57283 *58143 *58187 *64024 *82835 *91169
Villa 85717
Villadia 19810
Villages 19451
Africa 63666
Belgium *95818
Canada *71776 *71780
China 19277 63684 *80570
France *27613 *88471
Germany *55615 *71779
Gt Brit 10594 71778
Greece 72018
history 80435
Japan 55618
India 10927 55614 63678 63685
Indonesia *80436
Japan *9781
Netherlands *10599
New York 46901
planning
Germany *27912
Gt Brit 10598
Italy *88719
U S S R *37754 *37756
Puerto Rico 37750
surveys
Africa 88721
Ceylon 55616
Pakistan *27249
U S S R *27914 *37753 *37757
Yugoslavia *88725
Villiers *38336
Villiersella n g *52676
Villiersia n g 85870
Vinasse *86817 *94678 *95330
Vinca *47273
Vinca minor *81765
Vinci L da *80775 *80778
Vinegar 7844 25842 42924 86735 *53633
analysis and composition 69828 *53640 *61921 *61982
manufacture *18005 *44692 *78940 *86703
U S S R *35442
types *35493
Vinegar flies. See Drosophila.
Vines. See Climbing plants; Grapes.
Vineyards. See under Grapes.
Vioform 33306
Viola 2082 11510 39970 90821 *21202
breeding *90720
culture 57711 82374 90715 90814
diseases
Denmark *81184
injuries 81184
Japan *57763
pests *85712
taxonomy *81031
Violaceae *81030
Virex 67207
Virginia Academy of Science 19627
Virginia Dark-Fired Tobacco Growers Marketing Association 18815
Virginia Dept of Agriculture 19594
Virginia Independent Food Dealers Association 36760
Virginia Polytechnic Institute 5332 37443 50798 57412 78319 78958 84467
Animal Meat and Poultry Processing Laboratory 9514 9554
Virginia State Horticultural Society 57435
Virola surinamensis 38885

Item

Virtanen A I *11243
Virus abortion 16015 16026 76638 84680 *76634
Virus diseases 42706 89739 *94006
alfalfa *89716
apples 89278 89725 *363 *20097 *81337
beans 20075 56597 *89738
cabbage 38818
cacao 29015 72859
Cactaceae *72878
Camellia 72842
Casuarina 12039
cherries 584 38801 89728 *594 *12011 *38825
Chrysanthemum 20080 64549 64550 89705 *579
citrus 72873 *38800
corn 81323 *11987 *12022
cowpeas 72868 89733
cress *47647
cucumbers 28984 47666 89732
currants 566
Dahlia *47641 *89707
dogs 15609 42344 51398 67841 76557 92768 *4862
fruit 551 570 12005 47660 47667 56615 56619 81343 *12013 *12028 *29023 *64558 *76827
Gladiolus 38797 47619 72547
grain 12016
grapes 11997 *47662 *47663 *81326 *81334
insects 34687 34689 34690 52870 52871 81347 81350 86063 86065 86067 86070 *60502 *61282 *77157 *77388
kaki persimmon 72856
legumes *64571
lettuce *72837
Lilium 560
livestock 4055 *59385
research
Germany *67367
transmission 85311 85797
melons 56606
olives *38816
Orchidaceae 38809 38815
ornamental plants *81333
peaches 47362 72826
plants 543 573 575 591 592 597 11994 12029 12037 20076 20090 29003 29004 29010 29034 38807 39078 47626 47627 47644 47652 47670 47671 56586 56593 56604 56613 60552 60611 64545 64551 64575 68803 68855 72843 72844 72876 81345 81347 81350 81537 89702 93372 *11983 *12001 *12027 *12036 *20106 *28996 *38812 *38817 *38828 *43632 *47621 *47631 *47648 *56598 *72825 *72852 *72862 *81336 *81339 *81341 *89714 *89718
control 29021
diagnosis 56609
plums *81342
potatoes 11990 11995 11999 12021 29012 38804 40170 47640 89726 *571 *12017 *29001 *29029 *38832 *47630 *47653 *52616 *52627 *52635 *68817 *72877 *81352 *93353
transmission 93996 *52638 *85858
poultry 5291 76795 93008
rabbits 324
raspberries 546 72833 89723

Item

Virus diseases--Cont.
rice 81323
Rubus 28988
Rumex *89719
sheep 60359
spinach 72834 72860 81327
strawberries 576 11981 12019 20084 38794 47643 47649 56591 64570 72831 89709 93996 *81328
sugar beets *28773 *81615 *89706 *89715
sweetpotatoes *89712
swine *85218
Syringa vulgaris *12014
tobacco 587 29032 64560 72849 89709 *12003 *28993 *47635 *47639 *56617 *89706
tomatoes 574 11999 *593 *12004 *89729
transmission 89720 *590 *24385
turkeys 5345
Viola *81184
See also subhead virus under names of diseases.
Virus B 85027
Virus 15 23930
Virus hepatitis of dogs. See Canine infectious hepatitis.
Virus N *23984
Virus pneumonia
swine 68326 85211 *85218
Virus W 5848
Virus X
potatoes 562 12000 56599 56605 64579 72847 *571 *20091 *20100 *28987 *29007 *29024 *29027 *44546 *47642 *64577 *81338 *89717
tobacco 47632
Virus Y
potatoes 20083 47633 *47654 *81338
Viruses 4082 89733 *38822
preparations 50858 60116
preservation 67404
properties 543 549 567 587 591 11986 16838 20075 20076 20094 28972 28986 38830 43673 47623 47644 47655 47657 47667 47670 52870 56593 64006 64544 64569 64573 72830 72836 72851 81345 81346 81347 89710 89739 *11998 *12010 *20102 *23953 *24852 *29009 *29011 *29018 *29030 *38811 *47621 *47635 *47636 *64577 *72825 *72878 *72879 *72880 *81341 *89699 *89718
research 569 16015 52871 56610 86067 *41857 *72173
See also Virus diseases; and names of viruses.
Viscera 15063 42652
Viscose. See Rayon, viscose.
Viscosimeter 71090 *18757
Viscum album 19783 21136 28748 *353 *38914
Vision 60146 85730
Visnea 56223
Visual aids 4163 10698 10768 14361 14664 19376 27956 27995 46736 46860 63745 63763 71800 80476 86142 95953 95977 96028 96029 *10740 *10773 *28408
Germany *55682
See also Audio-visual aids; Films; Motion pictures.
Vitamin A 11070
determination 9392 54690 54736 54737 62931 87866 *35236 *78719 *79792 *94523

Item

Vitamin A--Cont.
in animal nutrition 15067 22825 22837 67283 75801 75832 80663 *4179 *50787
in animal physiology *32423
in blood 4603 4729 59608 92659
in butter 11107 51120 89058 *11138 *19577
in cattle nutrition 4585 15427 76161 84149 84284 *32750 *59580 *76321
in cattle physiology 15346 16012 23283 59720 59721 67716 76394 92659 92660
in colostrum *93224
in dog physiology 67838
in duck nutrition 5375 51650
in feed 3926 22845 *32965 *92236
in fruit 28234
in goat nutrition *68233
in goat physiology 24154
in human nutrition 11038 11051 11062 11063 63908 80659 80663 96155 *11086 *38138
in margarine *19576
in milk 17867 23197 28215 76266 87055 *23212 *23227 *28235 *38140 *55919 *72131 *89052
in oils 70943
in poultry nutrition 23812 33212 42592 42665 68016
in poultry physiology 60163 76853 76854 *76741
in sheep physiology 15981 16012 *42972
in swine nutrition 16056 51967
in swine physiology *77105 *93237
in turkey nutrition 33250
in vegetables 11112
therapeutic use *4181
See also Carotene.
Vitamin B
effects on plants 857
in animal nutrition 28279 50772 67357 *32278
in cattle nutrition 23204 42162 *15363
in corncobs 63938
in grain 12385 29214
in horse nutrition *84663
in human nutrition 28279 38148 63908 *11032
in insect nutrition 28279
in insects *16678
in meat 45729 55948
in poultry nutrition 15771
in swine nutrition 43065
in tea *28219
in turkey nutrition 23792
Vitamin B_1. See Thiamine.
Vitamin B_t. See Carnitine.
Vitamin B_2. See Riboflavin.
Vitamin B_3. See Pantothenic acid.
Vitamin B_5. See Niacin.
Vitamin B_6. See Pyridoxine.
Vitamin B_{12} 11093 41730 45108 86554
bibliographies 32259
determination 4169 69569 *78728
effects on plants 20387 40513
in animal nutrition 3940 22816 32242 32256 32259 32295 41724 41727 41757 67269 75811 83737 83805 *15085 *59226 *67313 *67314 *75815 *83751 *83793

*Text of this reference is not in English.

Item

Vitamin B_{12}--Cont.
in animal physiology 4853 23301 59642 59998 76978 *32424
in blood 50883
in cattle nutrition 32629 59564 67567 76179 76205 77067 92543
in eggs 71021
in feed 5227 *3946
in human nutrition 80671
in milk 76179 85202
in mink nutrition 59888 84574
in poultry nutrition 5241 5243 5273 23794 23803 23823 23829 23832 23837 23863 23867 23884 32295 33182 33184 33215 33223 33234 33248 42580 42605 42609 42623 42760 43022 51569 51570 51583 60062 60076 60159 60216 67994 68114 70706 76746 76766 76767 *5231 *23864 *33210 *60063 *60083 *60086 *76742 *84814 *92956 *92967
in poultry physiology 15811 33315 51635 51665
in sheep nutrition 16010
in swine nutrition 5756 5764 5790 16053 16057 16058 16070 16078 24250 24257 24272 42605 42609 43022 43031 51905 51916 51938 60429 60477 77067 77083 77097 85192 85221 93233 *23864 *60086 *68306 *77074 *85225
in turkey nutrition 5228 23793 23808 23836 23878 60085
manufacture 44585 53553
sources 32244 48046
Vitamin B_{13} *12276
Vitamin C. See Ascorbic acid.
Vitamin D
determination *17568 *78719
in animal nutrition 15067 15080 50805 *67311
in cattle nutrition 67714 *76321
in feed 22845 54041 *15125 *83807
in fox nutrition 15627
in hay 59218
in human nutrition *11084 *38138
in mink nutrition 42408 *42411
in mink physiology 4960
in poultry nutrition 23801 76788
in poultry physiology 23906
Vitamin D_2
in animal nutrition 15067
Vitamin D_3
in animal nutrition 15067
in goat nutrition *68233
Vitamin E. See Tocopherol.
Vitamin F *23519
Vitamin H. See Biotin.
Vitamin K
effects on plants *29374 *72815
in goat nutrition *76983
therapeutic use 42112 51175 *15413
Vitamin K_3 *39182 *78731
Vitamin M. See Folic acid.
Vitamin P *63951
Vitamin PP *28217 *44978 *61716 *94748
Vitamin T *16143
in poultry nutrition *33236 *42612 *84820

Item

Vitamin T--Cont.
in swine nutrition *51919 *85224
Vitamins 8404 62320 *19569 *79610 *87641 *90386
determination 69564 *35230 *78724
effects on plants 20311 20312 28279 39063 *12235 *12452 *81680
in animal nutrition 22868 26301 32276 41738 50705 50708 50768 51435 59167 83776 92237 92729 *15120 *15128 *22876 *41759 *41839 *50742 *50776 *75758 *83800 *92217 *92232
in animal physiology 15213
in cattle nutrition 4497 23218 42041 76229 *59587 *77077 *92559
in human nutrition 46977 72085 72105 80669 89016 *11028 *46968 *46970
in insect nutrition 24841 77177 *68682
in insect physiology *43339
in poultry nutrition 15790 23856 23883 33187 42616 67991 67996 76822 *42576 *60094 *84806 *84833 *92963
in poultry physiology 51585 60117
in swine nutrition 16071 43052 60408 *51945 *68314 *77077 *85215 *85216
in turkey nutrition 5265 60104
research 72105
sources 5431 *61715
See also Deficiency diseases; Growth substances; names of vitamins; and under specific subjects.
Vitex 148 2465 21443 47260
Vitex agnuscastus 13415 82306 *57211
Vitilevua n g 68644
Vitis. See Grapes.
Vityn'sh ÏA ÍA *96217
Vivet E *30052
Vivipary 81504 90140 *12324 *90274 *94072
Vivisection 67424
Vocational agriculture 3014 10684 10699 10800 10842 27421 27603 27611 27614 27656 27657 27938 27939 27943 27956 27983 27987 28023 37768 37786 37822 37841 37865 37868 37905 46662 46665 46703 46726 55642 55646 63500 63705 63715 63759 71806 71845 71882 71899 80478 88140 88744 95979 95983 95994 96012 96016 96027 *10740 *10773 *19337 *27609 *37191 *37805 *63484 *63724
Alaska 63764
Argentina *37901 *88807
Arkansas 27922
Australia 10806 10837
Austria *10685 *46696 *55657 *55697 *63747 *63753 *88765
bibliographies 96023
Brazil *10824 *19315 *37790 *63736 *88821 *95957
Canada 19347 71827 71844 80453 *19362 *37838 *46671
Caribbean Region 63718 88770
China 10637
Colombia *19353

Item

Vocational agriculture--Cont.
conferences and congresses 10618
Cuba *10823
Denmark *27985 *37810
directories 71846
Europe *10715 *35209 *63724
France *10658 *10780 *37845 *37874 *37882 *55622 *88760 *88788
Germany *10718 *10727 *10774 *10786 *10788 *10807 *10831 *10839 *11658 *19365 *22136 *27927 *27963 *27971 *27979 *27981 *28001 *28020 *37794 *37809 *37886 *37888 *46634 *46635 *46653 *46678 *46690 *46702 *46727 *46728 *55627 *55698 *55731 *57284 *63691 *71793 *71814 *71816 *71826 *71837 *71864 *71875 *71876 *71892 *71894 *71898 *71902 *71903 *71950 *88738 *88748 *88766 *88768 *88818 *88825 *95972 *95989 *95992
Russian Zone *28043 *55678
Gt Brit 10692 28039 46672 55624 55707 63719 88748 88772 88774 *55690
Scotland 19343 27954 27955 28046 63711 80523 80536 88834
Greece 27924
history 19357 19386
Honduras *19377
Iceland *55668 *55677
Illinois 46656 71847
India 80507 96017
Indiana 28041
Iowa 37766 55621 55654
Ireland 19370 19371
Italy *10812 *27935 *27952 *63771 *71821 *71835 *71891 *80497
Japan *71912
Latin America 71851 80468 *96006
legislation 10674
Massachusetts 10735
materials and methods 80513 95953 95977 96028 96029
Mexico *27926
Netherlands *10703 *27986 *27993 *37842 *88822
New Hampshire 10618
New York 63515 71872
New Zealand 10635
North Africa *28012
North Carolina 88799
Norway 37793 *19358 *55631 *55813
Ohio 28013
Peru *46643
Philippines 27977 55688 63700 63704 63720 63730 63731 71812 71825 71867 71888 80502 *10743
policies and programs 10611 10681 27997 46681 46718 80028
Portugal *55713
public relations 71810 80444 80450 80460 80476 80488 80491 80515 80520 80524
Rhodesia 71820
Sicily *10762
Southern Rhodesia 80472
Spain *10608 *10822 *46649 *46712 *46713 *71829
study and teaching 8397 10700 10717 10723 10763 10770 10771 19375 25535 27930 27933 27944 27946 27949 27975 27978 27989

Item

Vocational agriculture--Cont.
study and teaching--cont. 27991 28019 37769 37815 37825 37847 37860 46638 46644 46682 55638 55641 55655 55672 55673 55683 55712 55714 63728 63729 63767 71802 71843 80469 88816 95991 *19310 *27980 *80479
Australia 33073
Denmark *10771 *95946
Germany *10811 *37807 *46670 *55640 *63697
Gt Brit 10832 27941 80466
Iceland *63722
Netherlands *37834
Norway *10753 *10755 *37471 *55703 *55726 *80509
Ohio 71924 95966
Philippines 46685
Southern Rhodesia 19328
Sweden *10607 *37810
U S S R *46720 *46729 *55665 *55691
Sweden *10804 *46676 *46714 *95820
Switzerland *63773
Texas 95980
Trinidad 27972
Tunisia *37779
Union of South Africa 63689
U S S R *10609 *10707 *10801 *27982 *37824 *37857 *46632 *46716 *55684 *55694 *55699 *55704
Utah 37820
Venezuela *55637
Vermont 10618
Wisconsin 37908
Yugoslavia *96024
Vochysia 67207
Voeikov A I *48227
Volcanic soils *40555 *66246
Voles. See Mice.
Volgo-Donskoĭ Kanal *40773
Volucella *43507
Volvaria esculenta 40166
Volvocaceae 20152
Volvocales 38507
Vomiting *59954
Voronezhskaía Nauchno-Issledovatel'skaía Veterinarnaía Opytnaía Stantsiía *33743
Voronin M S *13801
Voropanov P V *58789
Votocek method *25972
Vroue-Landbouvereniging Kaapprovinsie *28059
Vserossiiskiĭ Veterinarnyĭ Nauchno-Organizatsionnyĭ S''ezd *32395
Vsesoiúznaía Akademiía Sel'skokhoziáĭstvennykh Nauk Imeni V I Lenina *37288 *83230
Sektsiía Zhivotnovodstva *22827
Veterinarnaía Sektsiía *22976
Vsesoiúznaía Konferentsiía po Pochvennoĭ Mikrobiologii *58148
Vsesoiúznaía Konferentsiía pri Institute Mikrobiologii AN SSSR *56735
Vsesoiúznaía Sel'skokhoziáĭstvennaía Vystavka *24509 *31390
Vsesoiúznoe Botanicheskoe Obshchestvo *38390
Kazakhstanskoe Otdelenie *17
Litovskoe Otdelenie *68

*Text of this reference is not in English.

Item

Vsesoĭuznoe Ėntomologicheskoe Soveshchanie *60515
Vsesoĭuznoe Obshchestvo Gel'mintologov *22883
Vsesoĭuznoe Soveshchanie po Probleme Prodvizheniia Kul'tury Chaia v Novye Raiony *25781
Vsesoĭuznoe Soveshchanie Rabotnikov Sel'skokhoziaĭstvennoĭ Propagandy *9999
Vsesoĭuznyĭ Nauchno-Issledovatel'skiĭ Institut Agrolesomelioratsii *58498
Vsesoĭuznyĭ Nauchno-Issledovatel'skiĭ Institut Konevodstva *23675
Vsesoĭuznyĭ Nauchno-Issledovatel'skiĭ Institut Kormov Imeni V R Vil'iamsa *35907 *35915 *57318 *92558
Vsesoĭuznyĭ Nauchno-Issledovatel'skiĭ Institut Mekhanizatsii Sel'skogo Khoziaĭstva *61339 *61352
Vsesoĭuznyĭ Nauchno-Issledovatel'skiĭ Institut Sveklovichnogo Polevodstva *49831 *57384
Vsesoĭuznyĭ Nauchno-Issledovatel'skiĭ Institut Syrodel'noĭ Promyshlennosti *26226
Vsesoĭuznyĭ Nauchno-Issledovatel'skiĭ Institut Udobreniĭ Agrotekhniki i Agropochvovedeniia *58320
Vsesoĭuznyĭ Nauchno-Issledovatel'skiĭ Institut Vinodeliia i Vinogradarstva *35508
Vsesoĭuznyĭ Nauchno-Issledovatel'skiĭ Institut Zhivotnovodstva *59423
Vsesoĭuznyĭ Selektsionno-Geneticheskiĭ Institut Imeni T D Lysenko *22097
Vuillaume M *85588
Vulpia 38419
Vulsirea *34468
Vulva 4611 *59665 *84344
Vulvitis *59722
Vysotskiĭ G N *11274

Wachtliella persicariae *34360
Wädenswil Eidgenössische Versuchsanstalt für Obst-Wein- und Gartenbau *90538 *90539
Waga J *38213
Wageningen Bosbouwproefstation T N O *91634 *91722
Wageningen Instituut voor Tuinbouwtechniek *7079
Wageningen Instituut voor Veredeling van Landbouwgewassen *29157
Wageningen Instituut voor de Veredeling van Tuinbouwgewassen *57436 *73085
Wageningen Laboratorium voor Plantenphysiologisch Onderzoek *73159
Wageningen Landbouwhogeschool *10827
Laboratorium voor Tuinbouwplantenteelt *48685
Wageningen Rijksproefstation voor Zaadcontrole *27098
Wageningen Stichting voor de Nederlandse Vlastelt en Vlasbewerking *26435
Wageningen Stichting voor Plantenveredeling 81470 *81515
Wageria *72508

Item

Wages 18929 55093 55109 80096 *18946
agreements
Germany *55124
Algeria *37190
Austria *55113 *55114
Belgium *55088
Canada 31855 71338 88273
control
Germany *25702
France *7575 *27357 *27388 *46147 *71322
Germany *3193 *9850 *9923 *9943 *9954 *9957 *9965 *18957 *27386 *44532 *46193 *46199 *46308 *63264 *63316 *67033 *69903 *69955 *71343 *80341
Gt Brit 37220 71325 80089
in kind
U S S R *37181
India 19350
Italy *88510
minimum *27368
Minnesota 55131
New York 18897 55090
Norway *14749
Pennsylvania 18955
regulation
Austria *7584 *9924
France *9903 *88271
Germany *18951
statistics 18964
Germany *22098
Sweden *9966 *18960 *75437
U S S R *9909 *9945 *9948 *9963 *27381 *27398 *27408 *37189 *37198 *37227 *80103 *88283 *95665
Yugoslavia *88298
Wagner H *11273
Wagner M W 64039
Wagner Katalog der palaearktischen Aphanipteren *61303
Wagons 6999 7250 17240 25440 78553 86299 86330 *35029 *44182 *44190 *54467 *54488 *78562 *94406
construction *7205
designs and specifications *35011 *35028 *61545
Germany 61527 *7190 *7221 *69345
parts *69307
Spain *7247
Sweden *17403 *69307
types 86357
Wahlenbergia 72385 72425
Waldhof system *83653
Walkeromyia 43537
Walkingstick. See Diapheroma femorata.
Walks 78655
Wall gardens 40114 57693 *1934 *65699
Wallace A 80910
Wallaceodendron celebicum 22730
Wallboard 3703 *3718
Walls 44310 78655 94471 *17471 *35129 *53324
construction 44335 *3655 *7262 *35142 *35143 *53325 *61646
U S S R *61651
Wallner F *11262
Walnut husk fly. See Rhagoletis completa.
Walnuts 79356
advertising 18268
analysis and composition 17567 18223
cooperatives 87389
costs and returns 80342
California 27705 27706 37579 63563 71621 80330 88565 88566

Item

Walnuts--Cont.
costs and returns--cont.
Oregon 95863
harvesting 1870 55108 78450 *26582 *70629
marketing 8744 36208 54251 54286 54297 79424 95056
Netherlands *8622
nutritive value 19568 38147 *19575
packaging 70613
pests 43821 61074 61221 68981 77636 94083
processing 54393 87501 *45420
quality 54329
situation and outlook 18276 36122
U S S R *717
Walnut (tree). See Juglans.
Walshia amorphella 25054
Wandolleckia achatina 85708
Wandolleckia biformis 85708
Wania n g *6736
War damage *50147 *55001 *71210
Netherlands *21849 *88163
See also Reconstruction; Relief and rehabilitation.
Warble flies. See Hypoderma.
Warburg O *20324
Warburton C W 11276
Warehouses 18681 44580 94613
Austria *17686 *25737
Canada 53527
directories 61877 69704
fumigation 68396
North Carolina 54927
Philippines 44553
refrigerated 53545 53935 54669
Southwestern States 7443
Texas 45153
Washington 54402
Warfarin 11163 11169 11181 11203 11689 17154 19606 24041 38193 55982 56375 63983 67828 72159 80736 84507 93270 *11157 *19598 *28259 *28276 *55985 *63967 *81147 *89093
Warlleya 16683
Warner J D 64018
Warszawskie Towarzystwie Przyjaciol Nauk *38353
Wart
potatoes 11811 11815 *477 *11741 *11755 *64681 *72740
Warts. See Papilloma.
Warwick B L Probability tables 22764
Wasatch National Forest 75123
Washington G 21079 69426 *28311 *61624
Washington Agricultural Experiment Station
Irrigation Experiment Station 3003
reports 64100
Washington Co-operative Farmers Association 88921
Washington Farm Electrification Committee 44355
Washington Forest Fire Association 41269 58870
Washington hawthorn. See Crataegus phaenopyrum
Washington Pear Bur 54277
Washington State Apple Commission 18271
Washington State College Institute of Dairying 17861
Washington State College Nutrition Conference for Feed Manufacturers and Feed Dealers 22871

Item

Washington State Dairy Council 17927
Washington State Feed Association 45127
Washington State Horticultural Association 48684
Washington University Arboretum 28436 89226
Washington University College of Forestry 31375
Washingtonia filifera 66876
Wasps *16915 *25007 *34020 *85902
as parasites 85914 *68885 *68908
Canada *16893
control *6324
Germany *43740
food and host plants 78012
habits and behavior 78018 *6734 *6743 *25023 *43739 *94042
larvae 78033
Virginia 94028
Waste
as feed 33189
as fertilizer 14306 31295 40985 58609 *31298 *31303 *40698 *40973 *83186
Netherlands 14304 *14312
conferences and congresses 35240
utilization 25622 33189 78743 78746 86558 87196 94525 *17680 *44430 *53432
industrial 54727 94530 *53561
Peru *69575
Southern States 53429
U S S R *36562
Water 75378 91401
analysis and composition 7984 30769 *26000
artesian
South-Central States 91460
Southwestern States 66580 66582
bacteria 25575
bibliographies 58422
Brazil *2637
Denmark *7410 *40786
divining 2990 *2886 *2989 *31142 *31180 *58452 *74762
Spain *31073 *49907
effects on plant disease 47670
effects on plants *29368 *31696
effects on vegetables 70594
Formosa *21871
Gt Brit 31079
heating 44361 53349 69485 86490 86493
hydrogen-ion concentration 39929
in animal physiology 59849 85266 *67632
in industry 7619 7984 26593 35368 53535 *17808 *18418 *35796 *45996 *61846
California 45416
U S S R *26152
Italy *30852 *37668
legislation 91410
measurement 58442 *17541
Minnesota 74537
New Mexico 58485
Oregon 49912
Peru *14129
policies and programs 31090 31122 66251 66505 66571 74419 74509 74754 77186 85803 *14057
Arkansas-White-Red River Basins 58464
California 83030 *66584
France 74521 *86508
Germany *21911 *58437

*Text of this reference is not in English.

Item

Water--Cont.
policies and programs--cont.
Israel 27756
Italy *30854 *31102 *31149 *49916 *74819
Near East 74793
Netherlands 74738
New Jersey 49866
Spain *31166
Sweden *46586
Switzerland 74792
Tennessee Valley 11178
U S S R *40840 *49846
Western States 21890 66513 66568
pollution *7410 *17540 *31074
quality 47999 *86504
resources 58405 66505 66571 91414
Australia 31504 74515
California 31112
Japan 66536
Southwestern States 40788
rights
Austria *21875
California 58427
Washington 2887
supply 31104 44374 58403 58484 58875 74520 82983 *17191
Africa 31110
Australia 42036 74756
Austria *31093
California 14131 14673 21906 40847 40848 49894 91458
Colombia *17542
Colorado River Basin 91456
Columbia River Basin 91451
conferences and congresses 74806
Ecuador *66516 *82978
equipment 25580 53374 *35191
U S S R *7411 *25577 *35193
farm 86512 *44377 *53379
Australia 53376
Canada *25571
Denmark *44372 *44384
Finland *44382
Ireland 25575
New Zealand 25573
Norway *44371
Sweden *44383
for livestock 4528 44381 50684 51142 *33058 *53369 *59255 *83759 *91442
France *25572
French West Africa *31129
Germany *31158 *40838 *44376 *82984 *91464
Great Basin 21907 91457
Gt Brit 66539
Greece 74773
Gulf of Mexico Basin 2995 40849 91455
Hawaii 2993 66582 91449
Hudson Bay Region 14133 91453
in industry 7614 18010 25733 *62218
Ireland 25576
Mississippi River Basin 14133 14134 91453 91454
Missouri River Basin 31170
Netherlands *14137 *14138 *21877 *21904
North Atlantic Slope 14132 91450
North Central States 49940
Northwestern States 66581 91459
Philippines 14093
Ohio River Basin 66579
Oregon 21908
St Lawrence Basin 2994

Item

Water--Cont.
supply--cont.
Seeward Islands *14136
Snake River Basin 91452
South Atlantic slope 40840
South Central States 58486 91460
Southeastern States 31136 66582
Southern Rhodesia 21866
Southwestern States 82968
Spain 91428
Sudan *31124
Texas 21837 31118
Tunisia *31088
Union of South Africa 83025 *74708
U S S R *21847 *31114 *49843 *58415 *83015
Venezuela *3005
Washington 91451
Western States 49864 59494 74767
systems 17537 17538 44369 44379 53367 53375 61688 61689 61690 61692 61694 61695 69505 69507 86503 94494 *61697 *69509
Austria *53368
Belgium *53377 *53378
equipment 7413 44380
61691 61698 86505—86507 86510 86513 *69509
Germany *94495
Gt Brit 7412
Italy *78691
Philippines 61696
U S S R *53370 *61693
Turkey *55216
underground *2972 *13752 *31167 *66998 *74514 *74779 *91385
California 14118 83040
Germany *66556
Netherlands *2997 *31107 *49869 *83000
New Zealand 58430
Texas 82953
U S S R *2935 *21548
waste *58455
See also Drainage; Drought; Floods; Hot water; Humidity; Irrigation; Ponds; Precipitation; Rivers; Runoff; Sea water; Streams; and subheads moisture; water relations under specific subjects.
Water blister 28924
Water conservation 2913 3032 14047 14074 14142 14235 20718 21838 21929 21961 31186 31202 34404 40548 40858 49950 49987 58199 58424 58475 66616 74775 74835 74861 74865 91430 91493 91496 *21937 *31220 *40539 *66632 *66641
Australia 21883
Argentina 83109
Arizona 82031
Belgium *66632
bibliographies 14174 14236 40895
Costa Rica 40864
Germany *2942 *31799 *58453
Greece 83134
Idaho 58181
Maryland 21951
Mexico *14162 *63251
New Hampshire 74880
Oregon 49983 74871 91489
policies and programs 14125 40880
Puerto Rico *21940
study and teaching 14167 58534

Item

Water conservation--Cont.
Tennessee Valley *2889
Union of South Africa 14159 21941 74852 *31175 *31776
Western States 49923 91399
See also under 4-H Clubs.
Water-core 73274
Water spot 90079
Water hyacinth. See Eichhornia crassipes.
Water power *49898
Watercress 12519 21315 74182 *876 *2269 *40341 *58054 *64722
anatomy and physiology 90038
diseases *47647
hybrids 28507
Waterhemlock. See Cicuta.
Waterlily. See Nymphaea.
Watermelon sirup
analysis and composition 8679
Watermelons 49165 *81638
Argentina *45272
Brazil *30475
culture 74183 *49133 *74144
diseases 11846 47419 56378 64331 72771 *845
Guatemala *30468
North Africa 2163
South Carolina 36186
U S S R *57838 *57883 *60968 *74178 *90967
varieties 2201 21272 40150 57826 72771 74172 *21234
Watersheds 2698 21637 30848 30857 30860 40570 40856 49518 66653 74511 74535 82769
California 21636 21642 40593
Canada 58735
Germany *66627 *75679
Idaho 30870
Intermountain Region 21619
Italy *13863 *40573
Kansas 14222
management 2697 3526 14046 21621 21622 30881 40574 40581 50386 58199 66255 74509 74520 74522 74730 *13855
France 74521
Great Plains 21614 21631
Italy 74536 *30852 *30859 *40584 *58197 *61961
Maryland 49538
Minnesota 74537
Tennessee 30871 49521
Michigan 74794
Nebraska 13842 30883
New York 21964
Pennsylvania 3043 50382 58675
Rocky Mountains 66994
Southeastern States 41275
Texas 3015
Wattle. See Acacia.
Waxes 36773 45766 54728 70999 82639
effects on plants *81664
Weather. See Climate and weather.
Weatherby C A 28325
Weaving 88777
Webbing clothes moth. See Tineola bisselliella
Weber *59269
Weber Basin Reclamation Project 58400 58448
Weberbauerella raimondiana *80961
Weck method *8524
Weddell *72192
Wedges *91945
Weeders 17314

Item

Weeds 30561 30627 66012 74236 82556 *77245
Afghanistan *49326
anatomy and physiology 57981 *2375
aquatic 74336
Argentina *11484
Australia 74301 74308
bibliographies 2402
biochemistry 73317
Burma 57918
California 2329 2382
Canada 57992 74289 90991 90997 91061 91070 91079 91087
conferences and congresses 13620 21393 49327 66016
New Zealand 74301
U S S R *91026
control 2380 2389 10561 13586 13596 13625 13639 13644 13654 19944 21336 21342 21361 21371 21381 21385 24731 30243 30504 30533 30544 30547 30563 30587 30636 31665 36364 40256 43182 44075 44093 44096 47414 49253 49322 57925 57979 57988 60536 65921 65939 65996 66015 66275 66674 74251 74269 74303 74320 74330 82582 82585 82591 91039 91067 *2327 *2348 *13608 *14605 *16204 *21399 *30586 *40667 *47516 *49291 *57937 *57957 *63078 *66007 *69348 *74330 *74314 *74682 *75273 *91071
Africa 49239
Arizona 2333
Australia 74295 74305
biological 6503 13651 40304 49247 60542 68717 74290 93418
Canada 91075
burning 13553 65955 *57958
Canada 90996 91009 91020 91040 91050 91052 91076 91080
chemical 2332 2344 2358 2359 2393 2400 13532 13534 13544 13548 13552 13588 13593 13595 13598 13616 13623 13627 13628 13633 13638 13645 13652 13653 21341 21358 21374 21386 21390 21402 21409 30489 30525 30527 30530 30534 30590 30594 30599 30606 30616 30623 40261 40271 40282 40283 40287 40294 40313 44158 49243 49250—49252 49281 49282 49293 49298 49311 49312 49319 49324 49328 57919 57923 57938 57947 57959 57994 65930 65949 65974 65998 65999 66008 66013 66019 66027 66035 69296 74242 74247 74274 74294 74298 74302 74319 82547 82551 82572 82588 86318 91036 *2325 *2346 *2355 *2356 *2367 *2378 *21369 *30617 *40315 *49306 *57912 *65945 *65947 *65954 *65961 *66003 *66022 *66033 *74268 *74313 *82539 *82590 *91023
Arkansas 57944
Denmark *49302 *66001
Finland *74234
Minnesota 49256
Netherlands *91021
New Zealand 25394
North Africa *66005

*Text of this reference is not in English.

Item

Weeds--Cont.
control--cont.
chemical--cont.
Northeastern States 30610
Norway *2376 *7176
Ohio 74332
Sweden *21396 *40288 *49278
Tennessee 82563
U S S R *30600 *40314 *49325 *57934 *65936 *65993 *82593
Chile *13609
conferences and congresses 30632
demonstrations 30529 30593
Denmark *2377 *2399 *49254 *65964 *65992
equipment 17314 17390 17401 34973 34975 40317 44158 53036 53143 69180 69294 86318 94381 *17295 *17306
Georgia 91035
Germany *2860 *30502 *57978 *65923 *66033
Russian Zone *57955
growth inhibitors 74260 81617 91053 *2335 *2342 *40279 *57974 *57976 *57984 *65962 *65976 *65979 *74239 *91045 *91066 *91081
India 2328 13585
Indonesia *91025
industrial areas 66030
Ireland 91034
Italy *2401 *91089
Japan *30555 *30557
legislation 74306
Minnesota 30516 66021 74299
Netherlands *64383 *82540
New Jersey 82545
Norway *21418 *49331 *65984 *91046
oil sprays 829 13575 13629 14595 30558 30621 40317 49269 49330 57927 91018 *82555 *91025 *91063
policies and programs 13592 30494 30535 30638
public relations 30499 30564 30567 30569 30633 30637 40276
South Carolina 49316
Sweden *2397 *66020
Union of South Africa 49266 91078
U S S R *30511 *30559 *30565 *49255 *49284 *57953
Western States 30507
Yugoslavia *82569
Denmark *2354
dissemination 13602
ecology 660 30624
feed 42932 76211 *12565 *22873 *42630 *51760
French Equatorial Africa *13545
germination 89802 *40301 *91065
Gt Brit 74306
Hungary *21416
identification 28408 38447
Indiana 74284
introduced 40285
Italy *2330
Japan *30556 *49277
Kansas 65977
legislation 2372 18747 30500 49334 74276
Minnesota 30571
Montana 66028
New York 19801
perennial 30594 30606 30634

Item

Weeds--Cont.
seeds 30574 30619 49332 *36388 *88021
Israel 91032
spraying and dusting 94379 *30503
surveys 13637 49262
Union of South Africa 91043
U S S R *2362 *16197 *57911 *57961
utilization 49259
See also Brush; Herbicides; Poisonous plants; Tillage, in weed control; names of weeds; and subhead weed control under 4-H Clubs, and names of plants.
Weevers T *64055
Weevils 6452 52442 87654 93802
control 36432 *6482 *34248
Wegneria n g 61180
Weibull-Stoldt method *62074 *94760
Weigeltia 72372
Weights and measures 69652 71109 78773 86608 *44523 *69623
Colombia *44511 *69624 *86600
conferences and congresses 35303
equipment 17636 52953
Louisiana 69612
Oregon 25668 25681
Spain *69623
Weihenstephan Staatliche Molkereischule *69972 *69977
Weingartia *111
Weinmannia 56245
Weinmiller L *38227
Welding 7166 17386 25378 25379 25390 44144 53138 61494 61495 61498 69284 69287 78508 86306 94365 *25380 *25383 *53125
Welfare. See Social welfare; and under Children.
Wells 44373 58442 61697 61698
artesian 29438 61696 66581 91459
construction 25580 *25574
U S S R *25579 *35192 *44370 *44378 *78693
sanitation 69508
Union of South Africa *44375
Welsh Agricultural Organisation Society 63822
Welsh Land Settlement Society 80306
Welwitsch F *64048
Welwitschia *47152
Welwitschia mirabilis 13407
Wenatchee National Forest 3287
Wesson method 62917
West Africa Cacao Research Institute 40379 66092 72859
West Bengal Directorate of Agriculture 96190
West Bengal Directorate of Forests 41075 75095
West Coast Bur of Lumber Grades and Inspections 41296
West Indian sweetpotato weevil. See Euscepes postfasciatus
West Nile virus 76831 84747
West of Scotland Agricultural College 19343 88834
West Virginia Academy of Science 80745
West Virginia Agricultural Experiment Station 38324 64101 84941 89176
publications 56006
West Virginia Dept of Agriculture 11224

Item

West Virginia Farm Women's Clubs 10934
West Virginia State Horticultural Society 65313
West Virginia University Arboretum 72292
West Virginia University College of Agriculture Agricultural Extension Serv
publications 56006
West Virginia Youth Camp 83051
Westcentral Cooperative Grain Co 8988
Western Australia Forests Dept 41076
Western Australia University Institute of Agriculture 89175
Western Beet Sugar Producers 27146
Western Canadian Society of Horticulture 12946
Western Canadian Weed Control Conference 49327
Western Cottonoil Co 36533
Western Farm Economics Association 55008
Western Forestry and Conservation Association 50099 50110
Western Grass Breeders' Work Planning Conference 57335
Western Growers Association 62520
Western harvester ant. See Pogonomyrmex occidentalis.
Western hemlock. See Tsuga heterophylla.
Western peach tree borer. See Sanninoidea exitiosa grafei.
Western pine beetle. See Dendroctonus brevicomis.
Western redcedar. See Thuja plicata.
Western Reserve University Valleevue Trial Gardens 65682
Western States Meat Packers Association 45710 45730 45731
Western white pine. See Pinus monticola.
Western X disease 577 47664 47668 61064 72881
Western-X virus 549
Westfälisch-Lippischer Landwirtschaftsverband *72010
Westralian Farmers Cooperative 28106
Whale meal 50772
Whale oil 43034
Whale solubles 60092
Whalemeat 63196
Wheat *26673 *26708 *81429
agreements 19470 38057 46910 63843 72041 *10987 *88927
analysis and composition 54491 87644 *8948 *9033 *18417 *36324 *45564 *54458 *62739 *87562
Argentina *54541
Australia 79612
Canada 36333
Germany *18457 *26649
U S S R *45540
anatomy and physiology 960 996 2564 2594 12164 12283 12328 12441 12462 12538 20429 29094 29332 29397 30938 39015 39162 47937 56786 56789 68906 73089 90227 91341 *654 *707 *888 *932 *934 *970 *975 *988 *1005

Item

Wheat--Cont.
anatomy and physiology --cont.
*1006 *12305 *12365 *12372 *12484 *20318 *21743 *29355 *29374 *38905 *39005 *39085 *39107 *39136 *39189 *39204 *47887 *47920 *48017 *48028 *48031 *48052 *56686 *56797 *56805 *56810 *56865 *56878 *56894 *64630 *64714 *81546 *81600 *81654 *81677 *81678 *81682 *81720 *81727 *81744 *89805 *89948 *89965 *89972 *89997 *90006 *90008 *90117
Argentina *26640
associations 18378 *45513
Australia 43962 48279 57008 57040 70752
bacteria *87563
bibliographies 12679
biochemistry 20459 39235 48170 73334 81761 81769 *29472 *39218 *39255 *56994
Brazil *87584
breeding 1250 19961 38643 47472 57081 73449 81204 81876 *1179 *1273 *18362 *39316 *39342 *81863 *81884
Africa 510 *1209
Canada 1186 39404
Germany *20594
Gt Brit 64976
history *72190
India 90263
Italy *12606 *12687 *20553 *39339 *73397 *90258
Japan *29620
Netherlands *64978
Norway *1146
Sweden *20520
U S S R *20538 *39362 *39392 *48338 *48340 *90244
Canada 48272 87552
care and handling 36453 54442 87588
cleaning 9052
conferences and congresses *26698
contamination 62723 87588
contests 73416 *90236
cooperatives 36397 45549 *87572
costs and returns 71632 *80353
Canada 19190
Gt Brit 37602 46489 71638 95871
Italy *27722
Netherlands *46471
culture 2867 12588 14018 20554 20559 39327 45489 48323 74685 *1178 *12625 *73433 *81895
Australia 29530 90282
Brazil *81848 *90235
Canada 57115
France *1240 *39349 *65002 *73398
Guatemala *1196 *20558 *57087 *57088
India 1198 12599
Ireland 39340 90241
Italy *12601 *12605 *12616 *12619 *12624 *12643 *12644 *12647 *20522 *20546 *20547 *20566 *20567 *20572 *70756 *90230
Mexico *57129 *57130
mountain areas 73414 *29629 *57125
Mozambique *64958
Norway *1211
Peru *81867
Southern States 90264
Spain *90253

*Text of this reference is not in English.

Item

Wheat--Cont.
culture--cont.
Sweden *29627 *39334 *90234
U S S R *1139 *1242 *1246 *1247 *20516 *39382 *57074 *57118 *65020 *73394 *82944
Siberia *1141 *39322
cytology 47776 47793 47794 64635 89847 *56695
defects 87533
diseases 318 393 11807 12007 20006 20060 47522 47550 64439 72534 72820 81275 89572 89590 89708 *410 *19987 *20021 *28920 *47877 *56568 *64421 *64457 *64579 *72711 *72774 *89618 *89621
Argentina *507 *64986
Australia 467 11730 11732
Austria *11886
Belgium *81301
Brazil *493
Canada 48110
Colombia *11876 *72738
control 28885 *11696 *20055 *28780
forecasting 389
France *56545
Gt Brit 47472
India 72675 81322
Italy *473 *47573
Japan *38723 *70760
Mexico *11756
Michigan 28829
Northwestern States 486
Oklahoma 64528
Pakistan 89661
resistance 11843 12006 12683 19961 28942 38643 56482 72659 73467 81204 81300 *358 *506 *11756 *11896 *29340 *81284
Africa 510
U S S R *47597
South Dakota 12026 47651 89638
Sweden *381 *11787 *38704 *89570
U S S R *47387 *47543 *81318 *89660
Virginia 64556
Yugoslavia *461
dormancy *39143 *47911
drying 36382 *9063
Ireland 95170--95172
equipment 25197
Australia 6970 34759 52927
farms 19333
Australia 80409
Canada 8969
Montana *37485
Pacific Northwest 27818
Spain *10481
feed 8414 23823 60098 68023 84271 84810 *32287 *70327 *92190
fertilizers 2703 2738 2748 30982 40611 40676 49701 49789 58335 74650 82902 91337 *2747 *21647 *21715 *30934 *31024 *31040 *40989 *49607 *66333 *66364 *82858 *82859 *82881
Austria *49682 *74625
France *49568
Italy *2827 *12650 *13894 *13932 *31021 *49803
Morocco *2767
Nebraska 30984
Spain *49744
Sweden *49620

Item

Wheat--Cont.
fertilizers--cont.
U S S R *2743 *21713 *40712 *40749 *49563 *58295 *58296 *58350 *82912
Washington 58276 58339
forage plant 1463 92546 *90329
France *29632 *48310 *73422
futures 62717
genetics 20216 20223 20243 47839 47859 81494 81694 *38998 *73070 *73087 *81495
Germany *90247
U S S R *358 *730 *763 *779 *12222 *20208 *20246 *20249 *29188 *38976 *38984 *47821 *47853 *47857 *47865 *56733 *56736 *56743 *56752 *64691 *73058 *73072
germ 87603 89070 *87641 *87663
germination 48298 73254 81648 *20381 *29322 *36399 *39124 *47887 *64750 *93530
grading and standardization 36361 87654 *79571
Australia 9004 18393 62685
Canada 8964 36332 70687
hardiness 90254 *29318 *39218 *47942
France *29609 *29610
Sweden *1136
U S S R *39185 *39195 *48137 *90055 *90277
harvesting *20590 *39338 *90257
Gt Brit 12615 71638
Ireland 39340
Italy *39372
Netherlands *44082
history 26752 45538 45568 71632 *45543
hybrids 47852 89859 *654 *20293 *20548 *36375 *64639 *73066 *81827 *90225
U S S R *1169 *12221 *12233 *12234 *12261 *39195 *39384 *39391 *56695
industry 54508 62727 *18428
Brazil *9085
Canada 36314
Germany *36428
Mexico *62730
Spain *26707 *45506
Union of South Africa 79628
injuries 325 26641 *64395 *89562
Ireland 29844 87588
irrigation 2950 39325 40851
Brazil *83031
U S S R *39204 *40712 *65003
Utah 39402
Italy *20527 *87629
Japan 73426
marketing 87680
Australia 18456
Canada 45497 87622 *79627
France *45488
Germany *18414
Italy *45553 *95181
Pacific Northwest 87672
Pakistan 54507
Spain *70734
Union of South Africa 54538 62752
marketing quotas
Spain *45484 *45570 *62663
microorganisms *87562

Item

Wheat--Cont.
milling and baking quality 9114 26687 54468 70722 79620 87576 87644 87668 *8961 *9015 *9033 *9110 *9128 *18359 *18424 *36375 *36411 *62666 *62710 *87646 *87677 *95173
Argentina *36436
France *36447
Germany *95173
Netherlands *36330
U S S R *9120 *9121 *73434
moisture 87560 87588 *8948 *9015 *36398 *62694
molds 62673 87560
Morocco *9050
nutritive value 19584 *8973 *45564 *47002
Pacific Northwest 65000
Pakistan 48292
pests 5941 16670 93389 *16903 *34189 *43185 *93961
control 52714 *11696 *28780
Finland 24994
Japan *93821
Kenya 34252 85657
resistance 34502
Sweden *6628
U S S R *24928 *60975
planting 12655 57145 73462 *39379
Azores *1156
Bombay State 39325
Italy *1241 *20574
Mexico *1237
Spain *57058
Tunisia *29555
Union of South Africa 1220
U S S R *1255 *29340 *39388 *39403
policies and programs
Brazil *9085
France *9075 *26654
Italy *9058
Spain *45485
pollination *20246 *57116
Portugal *18374
prices 18386 54507 79601 87680 *79541 *80353 *95156
Algeria *18389
Belgium *87628
Canada 54507
control 70757
France *95193
Japan *87684
Tunisia *9132
France 8996 36356 *8963 *8965 *8971 *26654 *27838 *87557 *87602
Germany *70327
Italy *45501 *87555
Pakistan 54507
Spain *46522 *70745
processing 18422 87529 87533 *54450 *62666 *62691 *87658 *87663
Argentina *79544
production quotas *18360
properties *18362 *54521 *62666 *62739
proteins 11134 18422 26647 36333 62686 *8973 *18417 *28214
Canada 55921 70687
Sweden *18359
U S S R *9119
protides *81755
quality 20607 36432 45489 62723 87650 *29576 *32287 *36360 *45592 *62743
Australia 36412
Canada 36332 70713
France *36424 *45502

Item

Wheat--Cont.
quality--cont.
Gt Brit 9127
Netherlands *62667
Spain *70745
regulation and inspection 45581 79601 79625
research 1263 79625 *39318
seeds 27092 *11627 *29418 *57093
Australia 10269
Balearic Islands *48339
Italy *79907
Nebraska 9066
Ohio 95473
treatment 387 11746 11781 28900 29194 72711 *11696 *28780 *89621
U S S R *779 *1005 *29188 *64973
vernalization *29305 *47920 *56757 *81635 *89986
U S S R *12236 *12261 *48137
viability 73254 *782
Sicily *9070
situation and outlook 18385 26645 26718 79581 87565 *26712 *36434
Australia 8414 8983 54511 70717 70764 *54486
Belgium *26652
Brazil *70740
France *36446 *45534
Germany *62720
Italy *27722 *70743 *87574
Missouri 9064
Oklahoma 10124
Pacific Northwest 87672
Spain 26706 45572 *9095 *36427
soils 30938 39327 81526 81761 82943 *21651 *28903
Australia 49755 49800
Colorado 14166
New Mexico 14166
U S S R *29519
Spain *18360 *54436 *54441 *62664
spoilage 393 45537
spraying and dusting *487 *11903 *38745 *64441
starch *45556 *87540
statistics 26748 36442 70342 *95173
Argentina *79543
Canada 8991 62682
France *36446
Germany *95173
North Dakota 26754
Peru *18437
storage 18367 36432 45537 45590 62673 79581 *36387 *54505 *62666 *79590
Argentina 87531
Australia 45527
France *79576
Ireland 95170--95172
pests 5995 16249 34232 34253 36432 70688 *5937
control 85344 *85356
taxonomy *89350
tests 70688 87603 *87563
Texas 90221
toxicity 23067
trade 11012 19490 38057 46920 46942 55832 55870 *10987 *80626
Australia 88964
Brazil 10947
Canada 28119
India 88964
Latin America 46942
Netherlands *46940
Spain *9110
transportation *36311 *87589

*Text of this reference is not in English.

Item

Wheat--Cont.
Union of South Africa 66669
U S S R *970 *1265 *20557 *29562 *29617 *40504 *48318 *56757 *56797 *90246
utilization 26641 45568
varieties 1189 1195 1198 1259 12629 12668 12683 18451 20607 39402 45493 48258 54508 57135 62686 62727 64996 70722 73412 73433 73467 87560 *1151 *12594 *20494 *20555 *20565 *20576 *36389 *36449 *39334 *64995 *79573 *87646 *87677 *89997
Argentina *36436 *64986 *79543
Australia 1164 20539 48309
Austria *48297
Balearic Islands *39312
Brazil *12669
Canada 12583 70713
Saskatchewan 29543
East Africa 29626
France *48256 *65002
Germany *39365 *39386 *48325
Gt Brit 29622
Illinois 29607 57117
Italy *12650 *12677 *13894 *48307 *65010 *70743 *81822
Kentucky 1197
Mexico 56482
Mississippi Delta 29535
Montana 65008
Nebraska 1171 90232
Netherlands 65018 *36330 *62706
New York 1213
North Africa *12656
North Dakota 12672
Norway *39319 *39396
Ohio 81864
Oklahoma 57120
Spain *73455
Sweden *12584 *39310 *48270 *90234
U S S R *730 *932 *934 *1149 *9120 *9121 *12642 *20568 *29318 *29554 *39358 *39366 *39387 *56810 *57146 *65003 *73434 *90275
vitamins 80685
waste *9043
weed control 318 1198 *30598 *40310 *47728 *57974 *57975
Brazil *49305
India 2361
U S S R *57934 *82593
yields 1145 26748 31062 48198 49701 49755 74544
Australia 48266 73416
Austria *49682
Canada 8969 8991 62682 70713 92925
France *36447
Germany *20580 *39386
Gt Brit 9127
Italy *90236
Missouri 73463
Netherlands *39331 *57067
North Dakota 8966
Spain *70745
U S S R *1140 *29562 *40728 *48326 *58295 *58296 *66211 *82912
germ 62742 70705 *11119 *26690 *26702 *47000 *72095
Wheat germ oil *54756
Wheat jointworm. See Harmolita tritici.
Wheat midge. See Sitodiplosis mosellana.

Item

Wheat stem sawfly. See Cephus cinctus.
Wheat straw-worm. See Harmolita grandis.
Wheatgrass. See Agropyron.
Wheels 35025 *41606 *44175 *44212 *69340
Whey 53912 *26013 *94765
analysis and composition 79000 *17882 *25999 *70015
dried 15774 16074 42580 51906
feed 33342 60076 70780 76159 *3859 *3906 *5752 *16072 *43025 *50767 *85206
processing 8263 8285 17986 26195 26196 *87065
products *26252 *35853
proteins 26195 26196 53914 70726 *26013 *86940 *87065
utilization 8321 53914 79058 *70039
Netherlands *26025 *26252
Whey butter 8321
Whey cream 70289
Whips 86210
Whiptail 12426 39144 81735 *12259 *29217
Whiskey 69848 *94686
White ants. See Termites.
White clover 50703 73213 81756 81985 90434 *1071
breeding *39469
dissemination 57324
feed *3915
Germany *48517
Gt Brit 20696 57206
New Zealand 1338
White grubs 6423 16520 16596 16636
See also Phyllophaga.
White House Conference on Children and Youth 38092
White mulberry. See Morus alba.
White muscle disease 68251 83947 84373 *77124
cattle 4549 42184 59737 76399 *84264
See also Arthritis.
White mustard 81535 *365 *873 *20503 *33962 *39599 *57900 *64797
White pine. See Pinus strobus.
White pine weevil. See Pissodes strobi.
White root rot 11946
White spruce. See Picea glauca.
Whiteflies. See Aleyrodidae.
Whiteside test *53881
Wild flowers 40128 56128 64157 65637 65638 65762 72262 73999 74014
Alaska 80918
California 65805
Ceylon 89360
culture 2015 2023 13399 65806 *30199
Netherlands *73965
desert areas 65646
Gt Brit 30193 57712 57792
Illinois 74123
Minnesota 21213 40040
Netherlands 89204
North Carolina 11406
Norway *65514
Pennsylvania 48984
seeds 40130
shows 2020
Southeastern States 13245 65648
Southwestern States 19814
Switzerland 2088
Union of South Africa 49054
U S S R *28557

Item

Wild flowers--Cont.
Virginia 74028
Washington 39955
West Virginia 80863
Wild- und Rinderseuche. See Hemorrhagic septicemia.
Wildeman E de *11261
Wildfire 11980 28974 *72861
Wildlife 12102 49955 57787 67005
and agriculture 4231 21935 96183
Germany *63972
Italy *11184
Netherlands *38171
as pests 28764 *1640 *11630 *11712 *31764 *31765 *35141 *50353 *91863
Argentina *16212
Germany *31750 *47448 *75357
India 327
Israel 19614
conservation 3070 7138 22260 77218
Austria *52127
Union of South Africa 63975
U S S R *31815
control *22379 *80395
diseases *92363
food plants 2457 11164
India 83461
management 27869 41273
Oklahoma 31812
pests 93440
poisoning 85444 85445
U S S R *67009
See also Birds; subhead wildlife conservation under 4-H Clubs; subhead wildlife relations under Forests; Ranges; and names of animals and birds.
Wildrice 9123 20601 65905
Wilds G J 64052
Wilforgine 43254
Willamette National Forest 22197
Willamette River Basin Project 2949
Williams C B 19590
Williamson Agricultural mechanism 34767
Willineria n g *34305 *43663
Willow. See Salix.
Willow-leaf rosette *12023
Wills 10483 19374 46701 88784
Austria *55663
New Zealand 71861
Wilson E 38344
Wilt *47940
Acacia melanoxylon 89677
African oilpalm 19992
berries 444 11772 47520
cotton 56527 64526 64584 72868 89665 *11899 *28847 *38648 *47548 *81235
cowpeas 64440
Cruciferae 64407
Cucurbitaceae 47601
Dianthus 28978 28979 38678 38759
flax 11922
Geranium 38761
guava 56544
Juglans 72793
Passiflora edulis 64477
peas 28861 47490
potatoes 11927
Quercus 409 519 11923 20002 20051 28845 28849 28961 38672 41254 56502 56513 72668 72669 72726 81214 81307 89592 93479 *20046 *38673 *89577
tobacco 81236

Item

Wilt--Cont.
tomatoes 356 72709 72677 81219
Wiltshirella n g 43888
Winches *22461 *22466 *22475 *22483 *22491 *41318 *41322 *58910 *58911 *78410 *86140 *91942 *91944
Wind 58859 *78301 *91899
effects on buildings 69417 94413
effects on insects 33803 *60726
effects on plants 12636 90070 *28464 *64395 *81564 *89562 *90240
Japan *65835
Wind erosion 3064 13748 21488 40569 40869 40896 65044 83105 *31224
Argentina 83045 *3100 *49981 *58091 *83111
Austria *49982
Canada 58503
control 49970 *40887
California 31189
Oklahoma 74675
Texas 14233
Union of South Africa 49984
Germany *66601
Gt Brit 74825
Great Plains 3041
Netherlands 3067
Union of South Africa 3083
U S S R *66617
Wheat Belt 58507
Wind gauge 94380
Wind machines 12999 13021 29925 29966 39775 48738
Wind power *78661
Windbreaks 3361 14532 22260 22264 22269 50234 58741 *14674 *30678 *66907 *73269 *90633 *91898
Australia 14530
Bulgaria *31635
Canada *58874
China *66808
Denmark *22271 *58724 *71560 *83342
equipment *3443
Germany *14522 *14523 *65359 *66903
Gt Brit 3366 49017
Great Plains 3363
Japan *89562 *90256 *91897
Kansas 83338
Mexico *3378
Morocco *3371
Nebraska 14679 31588
Netherlands *31595 *50240
New Zealand 14476 66906 83347
North Dakota 31589 75384
Norway *31590 *58761
Oklahoma 31812
pests
U S S R *5982 *24390 *25070 *52043 *52838 *85695 *93349 *94130
planting 31744 41166 90606 *3369
Australia 3372
Belgium *14671
Denmark *58800
Germany *21464 *22270 *41158
Montana 50239
Portugal *58749
U S S R *3434 *3437 *3451 *22115 *22155 *31388 *31402 *31442 *31695 *31705 *41209 *58660 *58668 *58801 *58803 *58820 *66965 *75302 *75328 *83399 *83413 *91814 *91823 *91838
R S F S R *31461

*Text of this reference is not in English.

Item

Windbreaks--Cont.
South Dakota 31591
spraying and dusting *93402
Texas 41162
U S S R *2696 *20503 *22263 *22323 *22398 *22403 *25579 *25562 *29916 *31392 *31399 *31400 *31413 *31417 *31435 *31632 *31661 *31668 *31754 *31806 *39704 *40454 *41037 *41164 *41187 *50117 *50264 *50268 *58356 *58515 *58742 *58768 *58774 *58775 *58777 *58877-*58879 *61363 *65191 *65908 *66931 *74045 *75057 *75079 *75204 *75205 *75258 *75263 *75289 *75319 *82201 *82293 *83084 *83457 *89478 *91749 *91766 *91887 *91890 *91891
Windmills 61674 78695 86496 *44128 *61676 *61680 *87580 *94487
Window gardens 48956 49147 *30271 *57628 *65566 *73936 *90783
See also House plants.
Windows 7290 44250 *32036 *35088 *41472 *61567 *69378
Windstorm insurance 46133 88210 88213 88218 88220 88225 88233
Wine -- 44655
acidity *17722 *17760 *17772 *25860 *35478 *53652 *69778 *86714 *86783
adulteration *78932
advertising 17782 *35554 *61983
aging 53631 94630 *7752 *53671
analysis and composition 25836 35227 44729 53623 53629 53660 53661 69762 69795 69824 69848 *7700 *25801 *25804 *25806 *35473 *35545 *35547 *35561 *35577 *35591 *36156 *44653 *44681 *44695 *53655 *53673 *53678 *61900 *61908 *61921 *61964 *69767 *69799 *69837 *69855 *69867 *78903 *78905 *78909 *78924 *78925 *86714 *86730 *86750 *86771 *94633
California 94648
equipment *7761
Spain *78908
U S S R *69852 *78915
Argentina *7750
associations *35438 *35571
Austria *35502 *53647
bacteria *35524 *69834 *94659 *94681
bibliographies 53682
biochemistry *17799
bottling 44652 *25791 *35538 *53627 *61963 *61987
Italy *69779
U S S R *35550
California 57577
care and handling *35451 *35459 *86793
chemistry *7700 *25859 *35537 *35548 *35562 *53675 *86823
clarification 25842 53634 53635 53657 *7737 *7803 *17756 *35452 *35485 *35523 *35564 *35596 *44735 *44736 *53691 *53692 *61968 *69830 *78891 *78897 *78917 *78918 *78940
Germany *7751
color *35516 *35535 *35591 *78875

Item

Wine--Cont.
conferences and congresses 53606 *61918 *61919 *61969 *61970 *78909 *86784 *86785
Germany *94641
Italy *7725 *35437 *89051
U S S R *35443
consumption *25789 *69849
France *17779
Italy *35543 *69820 *72125 *78873 *86726
containers 7789 25853 *7779 *35517 *53659 *61945 *94661
Austria *53646
sanitation *25871
contamination *35561
cooperatives *78939 *94671 *94690
costs and returns *7720 *25789 *78909
France *63559
Italy *19176 *80333 *95875
Portugal *27718
U S S R *80325
decanting *69844
defects 17795 69822 78941 *7740 *25818 *35495 *35535 *35562 *53652 *61953 *61986 *69834 *69845 *86774
directories 94642 *57576
equipment *25788 *25830
fermentation 86816 94688 *7794 *17804 *44676 *44683 *53674 *61910 *61928 *69867 *78935 *86700 *86715 *86748 *86758 *86759 *86801 *86819 *86821 *94658 *94659 *94670 *94674
Israel *69777
flavor and odor *7715 *25860 *78938 *86767 *94676
France *7807 *17716 *17752 *25850 *57589
grading and standardization *44706 *78880
France *7713 *86813
Italy *61914
Switzerland *7712
Gt Brit 35503
history 44705 *44646 *94673
California 7783 7784 44660
Italy *53694
Spain *17733
Union of South Africa 25873
U S S R *78896
hydrogen-ion concentration *7790 *35450 *61981 *69769 *69823
in art *94660
in literature *17775 *35446
industry 45610 *17735 *35462 *53668 *69776 *69832 *86741
Argentina *7804 *35444
Australia 61935 78879
Austria *35476 *35551 *35560 *35580 *78887
Azores *1844
Brazil *86729
California 7762
Chile *61972
France *7744 *7775 *25819 *25864 *35525 *44710 *53617
Germany 44686 *7697 *44673 *94654
Gt Brit 25833 *35582
Italy *7724 *17736 *17740 *25771 *25792 *44707 *53396 *61947 *78902 *86712 *86713 *87903 *94644
Portugal *17739 *35464 *44667 *69787
Sardinia *35536

Item

Wine--Cont.
industry--cont.
Spain *17742 *17792 *25847 *25861 *35458 *35464 *35467 *53620 *69787 *69818
U S S R *25812 *35469 *35474 *35494 *35509 *35544 *35557 *35579 *78860
Moldavia *35597
Italy *7791 *25804 *25806 *35553 *44708
judging *17768
keeping quality *25796 *94656
labeling *25866
legal aspects *17748 *69800 *86795
legislation *53628 *69804 *94632
manufacture 17759 25786 25889 35587 35592 53614 53616 53624 57613 61899 61942 69764 69807 69862 78874 78922 *7692 *7710 *7723 *7743 *7763 *7778 *7786 *7797 *7835 *17714 *17722-*17724 *17729 *17735 *17737 *17738 *17746 *17771 *17787 *25803 *25805 *25824 *25834 *25839 *25855-*25857 *25863 *35455-*35457 *35465 *35483 *35558 *35584 *44715 *44716 *44718 *53622 *53639 *53648 *53666 *53671 *53672 *53675 *53677 *53685 *53687 *61916 *61929 *61943 *61953 *69756 *69763 *69766 *69778 *69821 *69826 *78869 *78893 *78928 *86697 *86701 *86733 *86736 *86744 *86757 *86770 *86779 *86806-*86809 *94652 *94656 *94657 *94679 *94680 *94695
accounting *69873
Algeria *7705
Austria *35572 *53645 *53646
California 35440 44644 44645 44727 53607 53615 69758
cooperatives *7841 *61909 *69831 *86738
equipment 53631 53679 *7772 *7836 *25533 *35448
U S S R *35441 *35534 *35540
France *7699 *86778
Germany *25877 *25881 *35521 *44698 *61911
home *7754
Italy *25838 *35556 *53664 *61959 *86773 *94668
Portugal *61971
Spain 13099 44693
Tunisia *35567
Union of South Africa 25882 *78939
U S S R *25777 *25812 *25818 *35453 *35477 *35478 *35490 *35520 *35528 *35532 *35546 *35557 *35569 *35590 *35598 *69854 *69860 *78923 *80054
marketing 17717 25832 53637 61927 *7720 *25789
Austria *35502 *53647
California *78868
Germany 35480
Morocco *44663
Spain *7821
microorganisms *17773 *94670 *94681
molds *25875
musts *7835 *25788 *25805 *25834 *35547 *35552 *44675 *44734 *53612 *53673 *61901 *61964 *61975 *61980 *86801 *94689

Item

Wine--Cont.
musts--cont.
analysis and composition *44681 *53618 *61979 *78942
Algeria *53618
Germany *25813 *53649
processing *17778
Sweden *7702
U S S R *78904
nutritive value *89051
pasteurization *35522 *35549 *69819
policies and programs *17741 *78898
Algeria *17748
Canada 53630
Chile *61960 *69833
France *7701 *7793 *86812
Italy *7721 *7722 *7795 *17797 *44723
U S S R *35445 *35449 *35491 *69802 *78934
Portugal 25882 *65457 *69865
preservation 78881 *35578 *61994 *86749
prices *25789
Italy *28915 *88255 *95162
processing *7792 *25858 *35515 *35583 *61981 *86747
products 7843 *44720
properties *35559 *53676 *78864
public relations 17811 *25789 *61984
Austria *44690
France *35585
Italy *25793 *69803
quality 17798 25889 57586 *44719 *53659 *61944 *61946 *69867 *94652
Austria *69791 *69806
France 69783 *61903
Germany *25876 *35521 *61911
Italy *86826
Morocco *44663
U S S R *35449 *35491 *35510 *69792
refrigeration *69756 *69817 *86697
regulation and inspection
France *86709 *86781 *86818
Switzerland *61917
research *35595 *86784
France *86796
Italy *53664
U S S R *35508 *35530 *73868 *73900
situation and outlook 1807 17728 17745 17751 17763 17770 17777 17782 17785 17789 35592 61915 *17790 *17791 *35570 *44702 *53625 *53669 *69774
Algeria *69775
Argentina *94640
Austria *35581 *44691 *53653
Europe *94667
France *35466 *35568 *53625 *69772
Germany *25808 *25809 *35451 *61915
Italy *7722 *7731 *7739 *17725 *17743 *25835 *44661 *44723 *53611 *53626 *53665 *61905 *61920 *61955 *61961 *69779 *69786 *69798 *78872 *78947 *86728 *86768
Morocco *7832 *17718 *69780 *78861
North Africa *18366
South America *78857

*Text of this reference is not in English.

Wine--Cont. Item
situation and outlook--cont.
Spain 44658 *17712 *78871 *86704 *86721
Switzerland *69857
Spain 25882 *17730 *17781 *44697 *44711 *65457
spoilage 53621 *25815 *94666
statistics 25885 94630 *69788 *69832
Australia 25776
France *7746 *17779
Germany *44734
U S S R *26630
storage *25828 *35517 *35586 *61943 *78890 *78933 *78944
Spain *17774
temperature *94656
study and teaching 53608 *35567
taxation *27343
Germany *9877
Italy *88255 *95648
Spain *18916
Switzerland *88260
tests *7715 *17719 *35589 *86790-86792
Germany *86767
therapeutic use *86736
trade 28131 *44706
Belgium *80629
Chile *63831
France *17779 *28120 *38049 *72062
Germany *96083
Gt Brit *38049
Italy *35543 *61959 *94644
Morocco *80629
Spain 44693 *7821 *80628
transportation 25831
types 17763 17777 17785 61899 69764 69807 69829 86727 *17719 *17805 *44682 *53676 *69838 *78866 *86764 *94657 *94662
Algeria *86710
Austria *17794 *35572
California 69758
France *86739
Italy *69797 *95875
Switzerland *61917
U S S R *78912
*35510 *35511 *78862 *78936
waste *17747 *78895
utilization *17731 *44714 *44717 *78894
Yugoslavia 78946
See also names of wines.
Wings
insects 34330 43726 43911 60943 61278 77849 78138 85881 86079 *24606 *34001 *34438 *61129
poultry *92999
Winter dysentery. See Vibrionic dysentery.
Winter moth. See Operophthera brumata.
Winter Wheat Institute 57115
Wireworms 24746 77747 *16599 *52479 *60872
Belgium *68686
control 6463 16584 16643 24755 77674 77754 93760 93799 *16529 *24736 *34236 *34262 *34263 *52488 *60807
Germany *52492
U S S R *6457
Japan *93821
Wisconsin Agricultural Experiment Station 93140
reports 28374
Wisconsin Conservation Commission 31556
Wisconsin Good Neighbor Day 37761
Wisconsin University 8295 35652 45036 45037
College of Agriculture 37908
Agricultural Extension Serv
report 10836
Wissenschaftliche Station für Brauerei München *7781
Wistaria sinensis *13143
Witches broom
alfalfa 559
Crotalaria *47629
orange *56376
Paulownia *47658 *47659
potatoes 47669
Pseudotsuga taxifolia 20085
sweet potatoes 12031
Syringa 20079
tomatoes *47622
Witchweed. See Striga hermonthica.
Withers *33059
Witlesia *16939
Witloof 11965 *48033
Argentina *49137
Belgium *49127
Gt Brit 30433
Netherlands *2210
Wobbles 5037
Wofatit *70661
Wojewódzkiego Zakładu Higieny Weterynaryjnej *22892
Wolffia columbiana 11471
Women 9787 37778 37798 46903 63695 63752 *55650 *55666
activities 37770
associations 37912 37932 46839
Germany *96038
Netherlands *10904
New Zealand 10875
Switzerland *71937 *71952
Union of South Africa *28059
West Virginia 10934
Australia 10878 *71893
Austria *88762
conferences and congresses 10704
cooperatives 46784 46786 46804 46875 *96039
Denmark *10732
education and training 46745 *37787
Brazil *95948
France *55686 *63702
Germany *10617 *10687 *10695 *10758 *10789 *46646 *46724 *88809
Norway *86860 *86891
Utah 46746
Europe 19338
farming 46682
France 10744 *10730 *55643 *55711 *55715
Germany *37884 *55592 *55659 *95963 *95982
Japan *10728
labor 63344 88300 88924 *95660
Austria *46175
Germany *37232 *37251 *88479
Sweden *46189 *88280
occupations 23558 27415 52231 75936 *7884 *31415 *90526
Pakistan 10744
Switzerland *88736
welfare 19297 63674
Wood H W 28313
Wood 14825 41439 *14322 *31325 *92162 *92166
analysis and composition 3626 67217 *32155
Wood--Cont.. Item
analysis and composition --cont.
Canada 22724
Tropics 59131
anatomy 41644 59135 67218 83684 92142 *20165 *41625 *59138 *73007 *83671 *92150 *92165
Australia 22577
Belgian Congo *3785
bending 14772 22627 41380 41381 75567 91991 *14774 *31942 *59024 *83158 *91983 *91988 *92160
bibliographies 67102
bleaching *58966
bonding 22604 22612 32043 32044 32045 32048 32049 32054 41495 67147 *41482 *59032 *91986 *92060 *92061 *92071
chemical products 75117 75650 83636
chemistry 3748 3779 3797 22719 22741 32154 50612 59117 75647 75701 83661 *15013 *22729 *32166 *32167 *32168 *50618 *50619 *50620 *50635 *83664 *83672 *92149 *92154
bibliographies 32179
USSR *32162 *59003
Chile *50157
chips 22489 59109 75609 *32142
equipment 83655
mulch 14029 74681
color 83685
compressed *14990 *32140 *32141
construction 14844 14848 14855 22596 22607 22608 32035 32037 32039 32040 41470 50503 59010 59018 59019 67121 67127 75540 75541 75543 75546 83579 83580 83587 92041 92043 *14845 *14846 *14851 *14854 *14856 *32032 *59008 *59014 *59016 *59017 *67115 *67124 *75538 *75548 *86446 *92042 *92044 *92047 *92052 *92055
Austria *75539
Europe 83578
Gt Brit 75542 75544
United Kingdom 14853
Cuba *3298 *14456 *31519 *41117
damage 6407 41402 41416 58964 58965 83533 *31982 *67086 *83552
USSR *41418
decay 3621 14804 14806 14809 31975 31981 41408 50478 50484 50485 58842 75489 75495 *50474 *58969 *58970 *58971 *58990 *67101
defects 15011 32193 50485 58974 75491 92012 *83671 *92014
distillation 59086 *22552 *41578 *50643
Germany *59090
USSR *41582
fibers 59134 67211 75587 *58985 *75688 *92011 *92156
figure *83299 *92157
finishing 14786 14791 14792 22550 22556 31950 41389 41497 50462 50467 50468 58952 58957 75477 75482 *31945 *67068 *67071 *67079 *92006
fireproofing 14807 22559 62354 75494 75506 *50473 *58989 *67095 *92011
Wood--Cont. Item
fossil *19756
fuel 3650 3768 22581 32029 50300 50494 *14829 *14830 *50495 *53352 *67224 *92034 *92036
Austria *75529
Brazil *22594
Denmark *75534
equipment 22458 *14741 *67039
USSR *41582
Germany *50499
Japan *83575
properties *14839
Switzerland *32017
USSR *59003
Germany *41292
gluing 3667 14858 14873 14875 22625 50520 67066 67133 75714 83583 92059 92078 *50483 *67128 *67129 *67137 *92075
grading and standardization
British Commonwealth 32016
Netherlands *14822
hydrolysis 75669 75693 *32168 *59139 *67203 *67213 *75653
identification 22737 41621 92142 *22723 *32174 *41624 *59115 *67204 *80907
impregnated 50613 *788 *32172
USSR *67220
India 15009
Italy *3633
Ivory Coast *15010
laminated 14849 14857 22602 32038 32040 32046 35055 41473 41483 44268 59026 59028 59036 59037 67117 67122 75545 92040 92058 92080 *3599 *14863 *50601 *59024 *67125 *67141 *92164
properties 14852 67221 67222 *59140
legislation
Australia 14413
marketing 75404
Austria *31826 *83468
Denmark *75534
France 14713 *31845
Gt Brit 87186
Switzerland 14721
measurement *50256
volume tables 22278 22280 *31598
metallized 67197 *75473
moisture 22748 22752 31974 32189 41389 41648 50636 59141 75484 83530 83571 83675 *50460 *50623 *50641 *50654 *67099 *67209 *75538 *75716 *92004
measurement 3809 *31968 *41399 *67220
equipment 75485 *15008 *59118
Mozambique *83199
pests 16669 34287 60549 *24728 *24775 *41404 *43416 *52900 *60595 *61239 *68457
Belgian Congo *85368
control 24730 52891 60804 60814 68892 *34303 *34540 *77228 *77784
Union of South Africa 52158
Europe *43244
Germany *34713 *93794
Norway *16591
Sweden *60538 *77193
plastics 41584 50605 59111 75683 *14987 *41612

*Text of this reference is not in English.

Wood--Cont. Item
preservation 3611 3618 3624 3625 14800 14802 14806 22562 24986 31973 31976 31987 31988 31989 41403 41419 41423 41430 41440 50484 58973 61871 67087 75492 75500 75501 75505 75508 75509 83535 83536 83540 83542 83546 92013 *3614 *3622 *3627 *14812 *22563 *22565 *22569 *22573 *22735 *31965 *31979 *31983 *31984 *34718 *50461 *50475 *50476 *58968 *58975 *58982 *58983 *58986 *58991 *67084 *67093 *67098 *67099 *83551 *92015 *92019
Belgian Congo *85368
Belgium *14803
bibliographies 31985 31986
Brazil *22568
Canada *3628
conferences and congresses 41405
Denmark *3609
equipment 75503
France 83538
Germany 75504
Russian Zone *92018
Gt Brit 41408 83547
India 83539 83544
Indonesia *67091
industry 41406
pressure 14801 14810 75499 75507 83550 92010 92041 *50479
research 67083 75487
Australia 14808
USSR *41421 *41424 *41428
soaking 67097 83537 *50477
Southern States 22560 83565
spraying 14811 58988 *22564
statistics 41427
Sweden 83545
Switzerland *67100
tests 58979 67090 *58984 *58985
Texas 41406
Tropics 83549
Union of South Africa 52158
USSR *22573 *41411 *41426 *41429
preservatives 3615 3616 14797 31972 32122 41410 41417 41423 50472 58976 *67085 *75509 *50470 *58971 *58980 *67088 *67089 *67092 *92022 *92023
Finland *50483
toxicity 42388 *41421
USSR *41412 *41424
prices
Austria *3538 *50083 *67015
Belgium *31854
control
Austria *67015
Finland *31832
France *50156
Germany *22423 *22424 *31819 *31836 *31837 *50408
Switzerland *83479
Denmark *75534
Finland *3657
France *22413 *22585 *31844 *32058 *67016 *83464 *91909
Germany *14711 *14715 *22170 *22174 *31824 *41464 *50496 *59043 *75391 *75398

Wood--Cont. Item
prices--cont.
Germany--cont.
*83466 *91723 *92033
Italy *32028
Japan *50396
Norway *75402 *83470
Switzerland *83480
processing 50597
products 75605 75680 83562 *75515
bibliographies 31869 32194
Finland 83648
properties 3624 3802 3808 15009 15016 15021 15025 15027 15034 22739 22750 32037 32156 32180 32181 32186 32188 32189 32194—32197 41648 50454 50639 59141 59145 67126 67147 67161 68481 75710 75711 75712 75714 75723 83546 83668 83678 83683 83686 83687 92167 *15023 *15031 *22573 *22722 *22735 *32159 *32174 *32190 *50464 *50601 *50624 *50637 *50638 *50640 *50641 *50642 *50643 *50646 *50647 *50651 *57718 *59114 *59132 *59133 *59146 *67223 *73022 *73250 *75479 *75722 *83681 *83688 *92158 *92161-*92164
Africa *32169
Argentina *67202
Australia 75713
Formosa *75717
Haiti *66877
Indonesia *3805
Ivory Coast *15010
Japan 3780
New Zealand 75712
Tropics 59142
USSR *22745 *67225
Puerto Rico 67102
quality *14507
research 3800 22731 50478 *22438 *41628 *58629 *74976 *75704 *91553
Austria *75697
Germany *91551 *92147
Gt Brit 59086
India *41629
Italy *31339 *91550
Sweden *31350
samples 32149 59126 *14993 *22732
seasoning 14787 58960 58961 75483 *3601 *3604 *3605 *31949 *31956 *31960 *31965 *41392 *41393 *41396 *58946 *67072 *67073 *67075 *67076 *67077 *75476 *83525 *83528 *91997 *92005 *92008
air 31954 *31953 *31961 *31964 *41390 *41399 *50461 *58956 *75530
France *92000
India 41397
kiln-drying 14796 22553 31954 31966 31971 41395 41401 41402 50465 50466 50469 58959 58962 58965 67081 67082 75486 83523 83530 91994 91995 *14783 *14784 *14785 *14788 *14789 *14794 *31951 *31952 *31955 *31957 *31958 *31959 *31962 *31964 *41388 *41394 *50458 *58953 *58954 *58956 *58958 *67073 *67074 *67078 *75478 *75480 *83526 *83527 *83529 *91998 *92003
Oregon 50459
USSR *41398
vacuum 83523 83524

Wood--Cont. Item
seasoning--cont.
vapor 14787 14793 31948 58955 *92002 *92007
shrinkage 22752 *15029 *50464 *50623 *50634
situation and outlook 14815 14816 16039 31834 31992 *3547 *3636 *67107 *91910 *91914
Austria *31850 *83468
Brazil *22594
Europe 31493 *41445
Germany *22420 *22441 *31342 *31835 *31836 *41466 *91917 *92067
Italy *3548
Norway *50170
starches 32152
structure 3810 15025 22728 22739 32178 32188 41646 50639 50650 75702 75715 83679 *3785 *3807 *15010 *15022 *15026 *22729 *22743 *22744 *22753 *22754 *32159 *41643 *50642 *50653 *50654 *59139 *75716 *75721 *92160 *92168
substitutes 15019
Surinam 41118
taxation
Germany *31466
technology 22739 59087 *3793 *22722 *22736 *67209 *75686 *75699 *75704
Australia 59120
Canada 92144
Finland *75706
Poland *66813
tests 50629 59126 83542 83677 *50624
trade *22082 *31822 *31827 *31831 *41290 *50407 *75393 *75400 *91913
Africa *91904
Australia 75390 *41289
Austria *14704 *14705 *31823 *31838 *31839 *31850 *58888 *67018
Brazil *22410
Canada *31829
Central America *50403
Chile *91921
Europe *3542 *14707 *31825 *41288 *67021 *91916
Finland *31828
France *14695 *22413
Germany *14698 *14703 *31835 *34713 *41282 *41283 *75389 *91914 *91917
Gt Brit 14694 22431 31834 83463 83478 *83462
Japan *22427
Norway *75402
Scandinavia *41287 *67020
South America *50403
Spain *41300
Sweden *14708 *31830 *50410
transportation *92036
Chile *91922
Finland *3563
mountain areas *3581
Tropics 59086 59134 75523 83556 92167 *14716 *14996 *22083 *50355 *50631 *75653
USSR *22754
utilization 14750 14885 22603 32135 41440 41470 50487 50593 58992 67106 75505 75519 75523 75669 75702 75709 83556 92028 92030 92080 *3673 *14813 *14818 *14823 *22579 *32130 *41465 *50601 *50631 *59114 *67120 *83658 *92029 *92048

Wood--Cont. Item
utilization--cont.
Africa *32169
Belgian Congo *3785
bibliographies 83559
California 41437
Canada 75388 91927
Central States 41433
France *31990
Germany *41369
Gt Brit 22591 31993 67199 75117
Haiti *66877
India 75403 83472
Japan 3780
research 14820
Tropics 59074
Union of South Africa 31498 83561
waste 3776 *92034
as fuel *22524 *41600
California 22697
Canada *58995
mulch 3770 74680
utilization 2685 3766 3768 3769 3770 14760 14889 14891 14974 14979 14981 22703 22706 32034 32134 32154 32176 41295 41364 41584 41601 50494 58684 58955 59054 59062 67142 67155 67162 67185 67200 74680 75703 83560 83562 83660 92120 *3202 *14986 *32140 *32141 *50495 *50598 *67103 *67201 *75094 *75515 *75673 *92025
Australia 22707 83563
Canada *67109 *83564
Chile *75681
Finland *41386
Philippines 75521
Sweden *75671
USSR *41577
Yugoslavia *50585 *92124
Washington 83555

See also Fungi, wood-destroying; Lignin; Lumber; Pulpwood; Timber; Wood-using industries; names of wood products; and under names of trees and specific subjects.

Wood alcohol. See Methanol.
Wood flour 59099 *3773
Wood gas 22678
Wood meal. See Wood flour.
Wood molasses 22703 83651 83656
feed 42579 76150 *41698
Wood oil *50578
Wood sugar *32166 *32167
Wood tar *50583
Wood-using industries 58890
Canada 22430
costs and returns 41294
France *75401
Germany *41292 *41474
Gt Brit 83476
India 75403 83472
North Carolina 91905
Sweden *31350 *50410
Turkey *41007
Woodchippers. See Wood, chips, equipment.
Woodland Products 41161
Woodman C 96207
Wood's test *9248
Woodsonia. See Neonicholsonia.
Woodwardia orientalis *47969
Woodworking 22545 31933 50454 50455 75466 75470 75471 91987 *14770 *22543 *41384 *67063 *91583
Austria *31940 *31944
directories 3551 14771

*Text of this reference is not in English.

Item

Woodworking--Cont.
equipment 3598 14776 14777 22536 22537 22546 22630 31937 31943 50456 50457 58947 58949 67066 75463 75465 75467 *3597 *31938 *31939 *31941 *31945 *31946 *41387 *50451 *58951 *67064 *67065 *67068 *75472 *91977 *91992
Germany *14773 *22542 *91984
Netherlands *22540 *22541
Norway *50453
Germany *91989
hazards and safeguards 67069 *31931 *58950 *67067 *67212
history 41383
industry 14775 14779 22414 22547 41382 83520
Argentina *14778
Canada *14770
Finland *41386
France *22548
Germany *14780 *14781 *31935 *31947 *58948 *67064 *75031 *75474 *75475 *83521 *83522
Netherlands *22540
Norway *22539
U S S R *41362 *41385
study and teaching 22538
Wool 33632 95009 *36049
analysis and composition 18077 18113 26392 45142 62431 70395 87268 *54120 *54123 *70429 *87188 *94934
Algeria *45154
Chile *8538
and disease 4056 54084 62357 62358
associations 18122
Australia 54071 54087
bacteria *8574
carding and combing 18165 70410 70475 70476 79284 87195 87227 94921 94922 94964 *8582 *70472 *94941 *94969
care and handling 62366 70412 70421 70465 *24217
chemistry 8488 26367 35926 62369 62393 70382 94923 *45143
China 18073
color 70364 85084
conferences and congresses 79277 *45158 *94956
France *70384 *94946
consumption 35993 70351
cooperatives 8423 8604 45257
Canada 79298
France *18172
Spain *8440 *18164 *62345
Union of South Africa 8514 8567 26355 *28356
Western States 45148
costs and returns 24128
Australia 19174 37569
Germany *55455
credit 63245
damage 45171 62431 *36006
deterioration 62351 *8540 *8570 *70441
drying 45202
felting 8494 18066 18153 *18135 *62372 *79328 *95000
fibers 8488 18057 18066 18109 18133 18153 26379 35969 45161 45212 54079 54129 54143 54173 62382 62431 70485 79286 79299 87215 87266 94920 *8439 *8466 *26352 *36005 *36044 *45155 *54066 *54123 *94968 *94969 *94974

Wool--Cont.
futures *79257
grading and standardization 26390 33639 35969 45181 62390 70489
Norway *87178
Union of South Africa 54121 *87230
U S S R *24192
history *70460 *87275 *94929
hydrogen-ion concentration *18137
India 18113
industry 35957 *36049 *62450
Argentina *8526
Australia 8428 26345 45138 62332 87306
Canada 45183
France *45167
Gt Brit 18180 35983 45260
Libya 45174
New Zealand 18074 26345
North Africa *70782
Peru *8434
Portugal *94942
Spain *8422 *54163
Turkey 18065 *79239
Union of South Africa 18095 18154 54094 62415 79304
U S S R *35996 *79311
Uruguay *70435 *87249
insectproofing 34646 43185 43782 70395 78192 *68619 *93813 *94111
marketing 18181 25655 26331 26431 36047 62390 70407 79250 79256 87187 87305 *26316 *77040
Australia 18111 45139 70365
France *18104 *26380 *26384 *79257
Germany *45163
Gt Brit 87278
New Zealand 26399 26405
Texas 45153
Union of South Africa 45245 54121 87230 94998
Uruguay *54179
mold and mildewproofing *94111
New Zealand 54087
Norway *45225
packaged 54172
pests 34635 61250 78192 *93813
policies and programs 18123 36018 54117 *62350
prices 26368 35922 35983 35995 63245 79279 87200 *26316 *54086 *79265
Australia 18110 18111
control *18080
Germany *79258
processing 8519 26317 45212 45255 54070 54084 70382 70396 70425 79299 87231 87266 94925 94945 95007 *8436 *26342 *35932 *35987 *45200 *54126 *54144 *70362 *70388 *77037 *87242
properties 8479 8485 8486 8499 18066 18073 18133 18153 26311 45164 45255 70443 76977 87258 *8541 *36042 *70371 *70427 *70482 *94931 *94995
proteins 70487
quality 45260 51783 51805 60335 62366 68220 70484 77038 85038 87210 93137 95006 *8572 *8591 *54120 *85167
Gt Brit 87278
India 60321 85165

Wool--Cont.
quality--cont.
Union of South Africa 8568
reclaimed 21995 54129 62419
research 8598 26369 36078 62445 62447 79329 *35938 *36032 *45191 *87308
Austria *54174
Gt Brit 26439
scouring 8427 8484 8559 26323 36080 45136 54124 54125 79282 87239 87267 *8478
shrinkage 8494 18153 26326 36068 *62372
situation and outlook 8493 26308 26813 35923 35993 36012 36033 36518 45233 54108 54130 54178 87213 87214 *18141 *26357 *54074 *62409
Australia 45137 62352
Gt Brit 62439
India 8521
Italy *62429
Montana 70394
Pakistan 62383
Spain 8522 *8563
Union of South Africa *70488 *87185
spinning 45208 87195 87234 87235 87274 94964 *26352 *28350 *36005
staple length 8498 18178 *70386
statistics 8533 18087 45248 45249 70896 87190 95005
Australia 8428 26906 36017
Idaho 45246
Union of South Africa 8568 8569
structure 18057 26379 45131 45166 54069 54136 62382 70487 *8505 *8589 *45209 *45229 *70371
Algeria *45154
study and teaching 8506 37773
substitutes 35942 45165 62448
synthetic 35922
taxation
France *46162
Uruguay *37171
tests 8509 8586 62365 79286
textiles 8533 26326 54143 62419 94957 *93813
Canada 45183
Gt Brit 45231 79260 94993 95014
Spain *62355 *70446
trade 80632 *72040
tops 8498 45142
trade 18087 88962 *36049
Argentina *8526
Australia 80615
Chile *28127
Gt Brit 38010
Pakistan 10971 62383
Turkey 18077
U S S R *35933 *70359
Uruguay *70440
utilization 18096 94983
waste 45181 62433
weight and measurement *70386 *93135
yarn 45208 45161 *8466 *70386
See also Angora rabbit wool; Cashmere wool; Furs, Karakul sheep.
Wool fat 18163 36546 36553 45243 54072 54102 54156

Item

Wool fat--Cont.
63245 79753 *9368
Wool Industries Research Association 26439 62445 62447 79329
Wool wax. See Wool fat.
Woolly apple aphis. See Eriosoma lanigerum.
Wordsworth W 38226
Work management. See under Labor, and names of industries.
World Chemical Fertilizer Congress *40913
World Health Organization *38081
Expert Committee on Insecticides 60638
World Land Tenure Conference *88653
World Tobacco Congress 18823 36998 *9714 *9717 *9720 *27212 *37007 *37010 *79996
World's Poultry Congress 5479 5488 5527 9527 15874 24006 45903 68110 *5436 *5485 *5535 *15919 *33458 *42748 *68057 *68089
Wormaldia 17149
Worms. See Verminosis; and names of worms and anthelmintics.
Worms Versuchsstation für Brauerei und Mälzerei *9039
Wormseed oil 54734
Wort 25822 44672 44733 78945 *7798 *17765 *17812 *53658 *78907
Wounds *59359
Wriedt C *38194
Wuchereria bancrofti 6618
Württemberger Braunviehzuchtverband *4422
Württembergische Lehr- und Versuchsanstalt für Wein- und Obstbau *90559
Wye College 61569
Wygodzinskyella n g 52685
Wyoming Agricultural Experiment Station 41922
report 47133
Wyoming Commissioner of Public Lands and Farm Loans 10357
Wyoming University 92438
Wyss-Dunant *89182

X disease
cats 42388
cattle 15427 15459 15496 32731 32804 51160 51243 51281 59617 59689 67716 84249 92589 *23332
Alabama 32717
causes 92580
Georgia 32786
Germany *76238
Illinois 32741
Indiana 32805
Nebraska 32761
Tennessee 32785
Texas 32777
Wisconsin 59654
dogs 42388
Lathyrus odoratus 72828
X-ray 67428 75837 93389
analysis 36405 59143 62389 *2539 *36004 *54122 *73856 *76239 *87367 *92241 *93152
diagnostic use 15596 59829 75961 *4015 *15588 *28755 *60357 *60358 *76636 *92769 *92855
effects on bacteria 58135
effects on dogs 51385
effects on guinea pigs *92889

*Text of this reference is not in English.

Item

X-ray--Cont.
effects on insects 6511
6530 6572 16677 *16888
17121 24828 24832 24833
24995 25099 25106 34327
34386 34390 34546 34547
34675 34676 52509 52548
52549 60988 93853 94158
94159 *24872 *52526 *85714
*85732
effects on plants 905
973 989 20301 20328
20386 20405 20429 29292
29332 39040 47905 56770
56881 73165 73249 73310
81622 89925 *876 *12135
*12136 *12294 *12305 *12390
*12484 *47831 *47861 *47887
*56745 *89966 *90118
effects on poultry 33348
effects on seeds 20276
effects on swine 16104
in food processing 16082
in pest control 93426
technique 59829 75850
78138 83841
therapeutic use 4197 42363
75961 84524
horses 33071 67923
Xabea 6842
Xanthellum n g 34508
Xanthine oxidase 86919
Xanthium *2374
Xanthium spinosum 47476
Xanthium strumarium 535
Xanthium strumarium oil 70995
Xanthoarctia n g *52837
Xanthomonas albilineans 38784
Xanthomonas axonoperis *11966
Xanthomonas badrii 535
Xanthomonas campestris 47609 72806 *28969
Xanthomonas citri *526
Xanthomonas clerodendroni 56584
Xanthomonas malvacearum 531 534 28971 28977 *89695
Xanthomonas manihotis *38778
Xanthomonas phaseoli 72807
Xanthomonas phaseoli sojense 28975
Xanthomonas pruni 28972 72816
Xanthomonas sesbaniae 56584
Xanthomonas translucens *81312 *81319
Xanthomonas translucens undulosum *81318
Xanthomonas vignicola 532
Xanthophaea 77760
Xanthophyceae *64277 *81061
Xanthophyll 42604 54061
Xanthopygoides n n 93810
Xanthorrhoea 38458
Xanthosoma 63190
Xanthostemon 56230
Xenacarus. See Acomatacarus (Xenacarus).
Xenia *81627
Xenocaucus n g 6644
Xenoctenus marmoratus *34198
Xenogena *68688
Xenolecanium 16871
Xenopanurgus n g 52720
Xenopsylla cheopis 6907 17154 25141 52887 69038
Xenorhipis 77684 85652
Xenorthrius *85673
Xenosina *93863
Xenylla 43931
Xenylla welchi *78281
Xerochlamys *113
Xerocomus parasiticus *72775

Item

Xerophyllum asphodeloides 11435 38414
Xerophytes. See Desert plants.
Xestocephalus 61037
Xestolabus *43481
Xiphidiella n g 85792
Xiphidiothrips n g 25137
Xiphopteris 89377
Xiphydria camelus 43716
Xiphydriophagus n g 43716
Xylan 87682
Xylanase 81696
Xylaria polymorpha 11858
Xylariaceae 64299
Xyleborus 16628 34283
Xyleborus dispar *52483 *68699 *93801
Xylechinus *77778
Xylene 12255
Xylobanus *43452
Xylobium 64216
Xylocampa areola 61246 *6301
Xylocopa *25006
Xylocopa violacea *6727 *16933 *34499
Xylomyges conspicillaris 34637
Xylophen *58991
Xyloporosis 19908 19909 64553
Xylorhiza *52489
Xylosphaeria *72505
Xylotinae 24820
Xylotoles 93778
Xylotoloides n g 93778
Xylotox 75820
Xylotrechus 93778
Xylotrechus quadripes 16617
Xylotrupes *34235
Xyraeomyia n g 93852
Xyridaceae 28565
Xysticus 77631

Yaks *4325 *4814
Yams *30679 *52634 *64239 *65829
Africa *64177 *65871
India 163
Micronesia 30413
Sumatra *79427
Yangtao Actinidia 18337 61857
Yarn 45214 79229 *62375 *70473
properties 45214 54158 79269 79301 87169 *70391
See also under names of fibers.
Yaws 68721 85709
Yeasts 3767 9453 17795 23187 79957 83700 90109 *7626 *26142
analysis and composition 7468 9395 69546 *53411
anatomy and physiology 12142 12156 12358 19745 20374 56719 64638 64769 64787 64803 64859 73134 73220 81453 81553 90095 *722 *12160 *20347 *25840 *29378 *47886 *73244 *81667
biochemistry 20466 25612 64638 67283 90146 90157 *20439 *35593 *35594
brewers 23973 *35489
culture media 53571 73173
cytology 81486 *698
dried 11102 *35489
effects on livestock 59664
effects on plants 12415
fat synthesis 12508 *53551
feed 76217 *3865 *5244 *5774 *15068 *22803 *33221 *51759 *94907
feed for bees *24546 *77326 *77384 *77520 *77572

Item

Yeasts--Cont.
from wood 83656 *5244 *77326 *77384 *77520 *83653
genetics 12195 12227 20228 20211 20235 20341 29163 29173 29180 29185 29187 39000 47863 47864 47871 56755 64850 73045 73080 73200 81486 81487 81512 *29164 *29165 *73075
in animal nutrition 92237 *51437
in beverages *7986 *87362
in butter manufacture *44972
in cheese manufacture *79152
in fermentation 71141 95540 *44562 *44568 *44584 *44603 *44604 *44612 *61863 *69777 *78921 *94601 *94681
in human nutrition 44577
in insect nutrition 24841 34381
in poultry nutrition *42585 *92953
in soils *40520
in sugar manufacture 27156
in swine nutrition *85193
in wine manufacture 53609 53621 86816 *7778 *17804 *25840 *35541 *35569 *35593 *35594 *44712 *53687 *86758 86759 *86762 *86819
India 73173
keeping quality 69546
nutritive value 11102
production 53537 53571 *17668 *17680 *35385 *44556 *44571 *44577 *53561 *69724 *70737
taxonomy 81083 *81115
vitamins *11129
Yebonia n g 52622
Yellow bud blight 72891
Yellow disease *94183
Yellow dot 12034
Yellow dwarf 38796 64566 89730
Yellow fat 15634 16091 23546 *59890
Yellow fever 61005 61017
Caribbean Region *52604
Mexico *34397
transmission 5961 6600 16782 24895 34410 34423 43576 61026 *6601
Yellow gingerlily oil 87876
Yellow-headed spruce sawfly. See Pikonema alaskensis.
Yellow leaf 20078
Yellow leaf roll 580 68821
Yellow mosaic 56610
Yellow-net virus 72855
Yellow rocket. See Barbarea vulgaris 91044
Yellow soils *58065 *58170
Yellow spot 11753 11802 11892 28829 93732
Yellow stripe 12020
Yellow-striped armyworm. See Prodenia ornithogalli.
Yellowpoplar. See Liriodendron tulipifera.
Yellows 20093
Aster 38813 38814 43673
beans 38791
beets 20107 38808 *554 *20101 *47656 *72874
cabbage 89588
citrus 64557
Dianthus 28990
lettuce 61061
strawberries 64559 72831 89721
sugar beets 558 569 578 29033 72854 72868 *289 *585 *588 *12040 *28994 *28995 *38808 *38824

Item

Yellows--Cont.
sugar beets--cont. *47656 *72370 *81331 *89737
turnips *47628
Yellowtop *873 *39074
Yleuxas n g *25083
Yoghurt 17847 44755 53720 63954 69943 78962 86842 *8145 *18011 *62158 *72139 *86838
manufacture *53985 *62240 *70267
Yola *77712
Yolo soils 89981
Yorkshire Agricultural Society 80592
Yorkshire Farmers' Bacon Factory 70846
Young A *28302
Young A Farmer's Calendar 19617
Young Farmers Association 10853 46798
Young Farmers' Clubs 32473 96033
Canada 55793
Finland 37955
Gt Brit 37994 *46873
Southern Rhodesia 19397 40855
Young Farmers of America 63767
Youngberries 34298
Youth 37823 46625 *55709
activities 3460 5474 11219 41932 46673 55633 71916
Austria *55696 *57082
Canada 10621 10734 10776
France *48269
Texas 88754
advisory services *80499
apiculture *93585
associations 46839
Canada 10888
France *19404
Germany *96041
Gt Brit *63797
India 71992
Netherlands *37973
Norway *71967
Philippines 46751 63805
U S S R *37985
Uruguay *63806
Austria *55669 *80480
conferences and congresses 80503
Germany *55653 *55656
cooperatives 10914 46758 46772 46775 46777 46784 46826—46828 46864 46898
Norway *80577
Costa Rica *71911
education and training 9837 10632 10741 37786 45861 46628 46680 46703 46723 46768 46769 46772 46845 46864 46896 63992 78342 *10678 *88817
Argentina *37901
Austria *10685 *55697 *63748 *75026
Denmark *27985
Finland 37955
France *19028
Germany *27996 *28001 *28015 *37811 *37832 *46684 *46691 *55671 *63746 *71897 *80454 *88787 *88811
Netherlands *37867
New Zealand 80489
Sweden *10849
Union of South Africa 37873
U S S R *2306
farming 10268 19124 46375 92501

*Text of this reference is not in English.

Item

Youth--Cont
farming--cont.
Germany *10573 *63503 *71313
Italy 71580 80300
New York 55441 88558
forestry *3439 *22165
U S S R *31392 *31413
Germany *27957 *46626 *55590 *55706 *55709
Iowa 27899
labor 37196 37199 37217 *9947 *27396
Netherlands *71857
Norway *55813
Oklahoma 63794
policies and programs 10616 10657 10761 37859 46798 63723 63982 71860 71915 80529
Austria *55695
Germany 37217 *46651 *80449
South Dakota 46722
Spain *5707
U S S R *71904
See also Apprenticeship; Education; 4-H Clubs; Future Farmers of America; Young Farmers' Association; Young Farmers' Clubs; and under Clubs; Human nutrition.
Youth Employment Serv 37199
Yucca 30696 30697 65648 *21966 *89951 *91156
Yucca elata 21205
Yucca freemannii 170
Yucca gloriosa *816

Item

Zabrus tenebrioides *16575
Zagorskaîa Mashinno-Traktornaîa Stanŝiîa *37545
Zakharov F IA *94877
Zale 6804
Zalewski 243
Zamia 81407
Zantedeschia 72813 73980 *2048 *30250
diseases 72802 *89691
Zanthoxylum *19840
Zaporozhskaîa Lesozashchitnaîa Stantsiîa *91603
Zbarskii's bactericide *38714 *59431
Zebus. See Cattle, breeds, Brahman.
Zeeuwsche Landbouw Maatschappij *61338
Zein 35966 36395 *26415
Zelkova serrata 3294
Zelotes *77605
Zelurus *77964
Zelurus fulvomaculatus *77964
Zenonina 77631
Zentralverband Deutscher Molkereifachleute und Milchwirtschaftler *7955
Zephirol *47838
Zephyranthes 64181
Zephyranthes clintiae 64233
Zephyranthes texana 12118
Zeteticontus laeviscutum *52707
Zethopsinus *85647
Zeugophora 16538
Zeugophorinae n subj 93747
Zeuzera coffeae 25082
Zeuzera pyrina *43856
Zillo test 95016 *70399

Item

Zimmerman pine moth. See Dioryctria zimmermani.
Zinapolys 60758
Zinaria butleri 16515
Zinc 21537 75833
effects on plants 938
964 11914 12342 20337 22013 29234 40924 47478 47935 48030 48114 64711 73111 73252 73291 90060 *20344 *47900 *64773
fertilizers 74923
fungicide 47478
in plants 12560 47928 69553 73346 81597 *30749
in soils 49436 58119 58560 *30749
Zinc chloride 89739
Zinc dimethyldithiocarbamates 39061
Zinc ethylene bisdithiocarbamate. See Zineb.
Zinc oxide 9603 27062 38829
Zinc petroleum sulfonate 3616
Zinc salts *81223
Zinc sulphate 48114 89739 *48093
Zineb 17063 47928
Zingiber 91116 *40375
Zinia n g *68848
Zinnia 2028 21065 73974 *73908
Zipoetopsis n g *6420
Zirconium 79761
Zivanovic J *96205
Zizania aquatica. See Wildrice.
Ziziphora *72412
Zizyphus jujuba. See Jujubes.
Zizyphus mauritiana 66080
Zizyphus oenoplia *697

Item

Znojkiana n g *34648
Zodarium *24685
Zonabris *68688
Zonocerus elegans 6840 52851
Zoologisch-Botanische Gesellschaft Wien *11166
Zoology 28264
nomenclature 55971–55977 60510 77167 93322 *19732 *77168
Zootermopsis 17164
Zopheroteras 78053
Zostera marina 12060
Zosteraceae. See Potamogetonaceae.
Zoysia 21088 30241 39997 56730 82347 82409 82422
Zoysia matrella 82362
Zschokke method *33052
Zuba. See Ropalidia.
Zuidhollandse Provinciaal Veevoederbureau *70343
Zumba n g *6556
Zygadenus elegans *29448
Zygaena cynarae *61217
Zygaena fausta *17046
Zygaenidae *85995
Zygastropyga 43542
Zygina rubrovittata 43667
Zygogramma *77662
Zygomyia *16710
Zygopetalum 64216
Zygophyllaceae 90167
Zygophyllum simplex 72935 72999
Zygosporium 19883
Zygothrica 60993
Zygotyla n g 6352
Zykova M P *29774
Zythia versoniana *64456

*Text of this reference is not in English.

YZ
1247

NATIONAL AGRICULTURAL LIBRARY
1023121679